



WEDO TOOLS GmbH

ADD: Ludwig-Richter-Str.6,D-42329 Wuppertal,DEUTSCHLAND

TEL: 0049-202-44895980

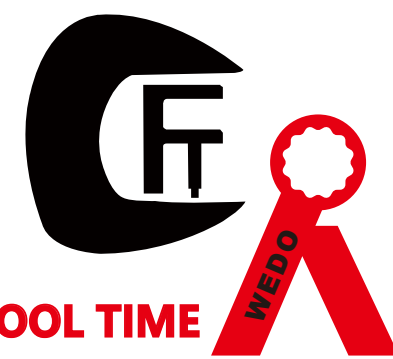
FAX: 0049-202-44895982

E-MAIL: wedotools@wedotools.com

2024.01



WEDO TOOLS GmbH



ENJOY TOOL TIME
WE THE CRAFTSMEN DO SAFETY FIRST

- ◆ NON-SPARKING TOOLS
- ◆ TITANIUM TOOLS
- ◆ INSULATION TOOLS
- ◆ STAINLESS CORROSION RESISTANT TOOLS
- ◆ JUMBO TOOLS

PROFESSIONAL TOOLS



INTRODUCTION

WEDO TOOLS GmbH, as an international professional enterprise, specializes in design, research, manufacturing, processing and marketing of hardware tools. Our products are one-time die-forged by large friction pressing machines, completely in accordance with Germany DIN standard and China GB standards. Based on a scientific management system, state-of-art and unique design concepts, advanced production technology and a well-developed quality assurance system, we provides high-quality products and services for our customers.

WEDO TOOLS has been highly praised by our new and old customers because of our user-friendly design concept, continuous improvement of excellent quality and after-sales services. WEDO TOOLS develops six series of products, including non-sparking tools, stainless steel tools, titanium tools, insulated tools, special jumbo tools and ordinary steel tools. We not only produce and sell tools in Germany and China, but also export to more than 100 countries and regions all over the world, such as the USA, Russia, Japan, France, etc. In order to further improve customers' satisfaction, WEDO has established service centers in Tianjin, Shanghai, Korea, Russia, Germany, Singapore and Canada, supplying safe and innovative hand tools and in-time after-sale services to end users. We sincerely invite people all over the world to share the pleasure of tools.



[CNC Machining Workshop] [Die Forging Workshop] [Semi-stock and Accessories Warehouse] [Ready stock Warehouse]

◎ BELIEF:

Irreplaceable Products
Excellent Service
Rapid and Continuous Improvement

◎ MISSION:

WE THE CRAFTSMEN DO SAFETY FIRST

◎ IDEA:

WE are together to DO something great!





CERTIFICATE

BAM/ZBF/005/23 (1. VERSION)

Hereby it is confirmed by the BAM Certification Body, that the

Material Beryllium-Copper Alloy

of the manufacturer
Wedo Tools GmbH
Ludwig-Richter-Strasse 6
42329 Wuppertal
Germany

meets the requirements of BAM Standard operating procedure „StAA-NEG-005“: „StAA zur Schlagfunkenprüfung von Werkstoffpaarungen“ approved April 2023 and thus non-sparking tools made of this material are appropriate for use in potentially explosive atmospheres of zone 1 and/or 21 in accordance with the European Directive 1999/92/EC of all explosion groups (I, IIA, IIB & IIC) according to DIN EN ISO/IEC 80079-20-1:2020-09, if the terms and conditions set out in the annex to this certificate are complied with.

The certification is based on certification contract N° **BAM-ZBF-0001-2023-WEDO** dated 2023-02-02 and comprises according to standard DIN EN ISO/IEC 17065:2013 a design-type test and a manufacturer's declaration of conformity (BAM Certification system I).

Products certified by BAM may be labelled with the certification mark "BAM Design-type tested" and/or "BAM Baumustergeprüft".

The certificate is valid until 2028-09-21.

BAM test report **23029740** as well as procedure No BZS-GS/040/22 are constituent parts of this certificate.

Bundesanstalt für Materialforschung und -prüfung (BAM)

Unter den Eichen 87, 12205 Berlin, **2023-09-22**

By order **04.10.2023**

Dr. J. Sunderkötter
BAM-Certification Officer



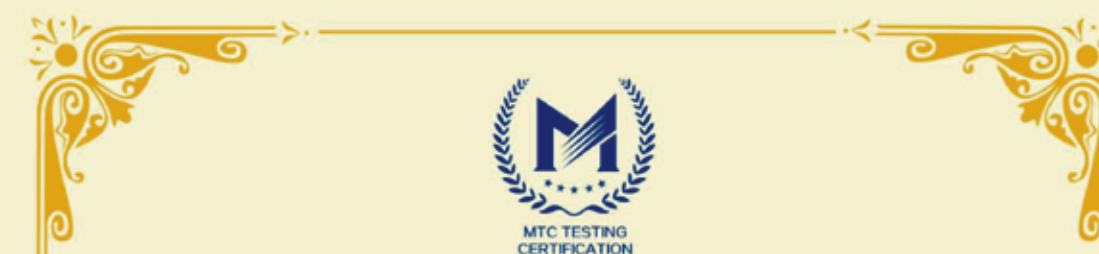
By order

Dr. M. Schmidt
BAM-Assessor

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This certificate consists of 1 page and 1 Annex.
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KWDZ05.P01 F01 / Juni 2023



HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

NO: 26224SZ0011R1S

It's hereby certify that the organization:

WEDO TOOLS CO., LTD

Unified social credit code/Organization code :91120104578321759H

Registered address: 3-17-603 Hardware Zone, Miyun Yizhi Road, Nankai District, Tianjin, China P.C.:300000

Business address: 3-17-603 Hardware Zone, Miyun Yizhi Road, Nankai District, Tianjin, China P.C.:300000

Production workshop: No.2 Wugang Road, Botou Economic Development Zone, Cangzhou City, Hebei Province P.C.:0621500

Occupational health and safety management system complies with:

GB/T 45001-2020 / ISO 45001:2018 Standard

The Occupational health and safety management system applies in following area:

The production of hand tools(including non-sparking tools, steel tools)

Date of issue :January 17, 2024

Expiry Date : January 16, 2027



The issuance of



Scan this QR code to get certification information and certification status, which can be found on the official website of Certification and Accreditation Administration of the People's Republic of China(www.cnea.gov.cn), and on the official website of Mezen(Shanghai)Testing Certification Co.,Ltd (www.mtesh.com.cn) as well.
During its valid period, the certificate should be applied with the relevant supervision report.

Mezen (Shanghai) testing certification Co.,Ltd
No. 17C, No. 985 Dongfang Road, China (Shanghai) free trade test area
Tel: 021-68407323



QUALITY MANAGEMENT SYSTEM CERTIFICATE

NO: 26224QZ0018R1S

It's hereby certify that the organization:

WEDO TOOLS CO., LTD

Unified social credit code/Organization code :91120104578321759H

Registered address: 3-17-603 Hardware Zone, Miyun Yizhi Road, Nankai District, Tianjin, China P.C.:300000

Business address: 3-17-603 Hardware Zone, Miyun Yizhi Road, Nankai District, Tianjin, China P.C.:300000

Production workshop: No.2 Wugang Road, Botou Economic Development Zone, Cangzhou City, Hebei Province P.C.:062150

Quality management system complies with:**GB/T 19001-2016 / ISO 9001: 2015 Standard****The scope of quality management system certification**

The production of hand tools(including non-sparking tools, steel tools)

Date of issue :January 17, 2024

Expiry Date : January 16, 2027



The issuance of



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During its valid period, the certificate should be applied with the relevant supervision report.

Mezen (Shanghai) testing certification Co.,Ltd

No. 17C , No. 985 Dongfang Road, China (Shanghai) free trade test area
Tel: 021-68407323

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

NO: 26224EZ0010R1S

It's hereby certify that the organization:

WEDO TOOLS CO., LTD

Unified social credit code/Organization code :91120104578321759H

Registered address: 3-17-603 Hardware Zone, Miyun Yizhi Road, Nankai District, Tianjin, China P.C.:300000

Business address: 3-17-603 Hardware Zone, Miyun Yizhi Road, Nankai District, Tianjin, China P.C.:300000

Production workshop: No.2 Wugang Road, Botou Economic Development Zone, Cangzhou City, Hebei Province P.C.:062150

Environmental management system complies with:**GB/T 24001-2016 / ISO 14001:2015 Standard****The environmental management system applies in following area:**

The production of hand tools(including non-sparking tools, steel tools)

Date of issue :January 17, 2024

Expiry Date : January 16, 2027



The issuance of



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Mezen (Shanghai) testing certification Co.,Ltd

No. 17C , No. 985 Dongfang Road, China (Shanghai) free trade test area
Tel: 021-68407323

CONTENT



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WEDO[®] NON-SPARKING TOOLS SERIES



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WEDO[®] BRASS AND COPPER TOOLS



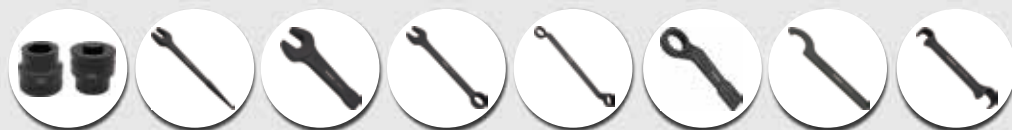
71-92

WEDO[®] INSULATED TOOLS SERIES



93-102

WEDO[®] SPECIAL JUMBO TOOLS SERIES



103-146

WEDO[®] STEEL TOOLS SERIES



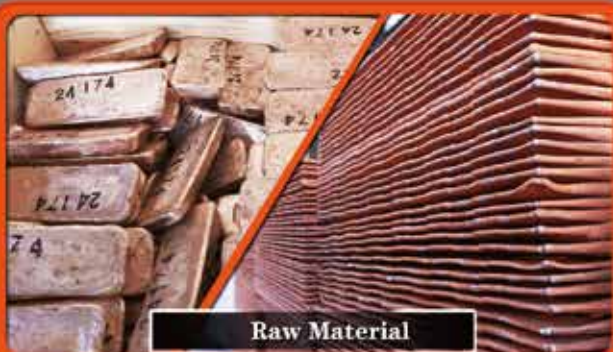
147-162

WEDO[®] STAINLESS STEEL TOOLS SERIES



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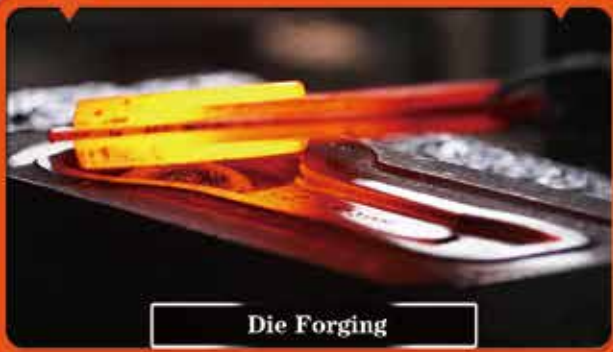
WEDO[®] TITANIUM TOOLS SERIES



Raw Material



Casting



Die Forging



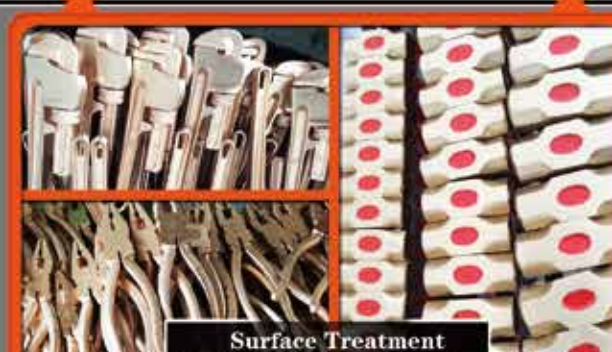
Machining



Delivery



Packing



Surface Treatment



Non-Sparking Tools

Steel Tools

Polishing



Thermal Treatment

NON-SPARKING-TOOLS

Aluminium Bronze Non-sparking Tools

Item No. begins with "AL"

Non-sparking Properties:

- 1.Appropriate for operation with ethylene concentration 7.8%.
- 2.Standard code GBEx II B, Hardness HRC20-30, tensile strength δ_b 75-85kgf/mm²;
- 3.Adopt 4.0 die forging technology, Germany DIN standard, high density, good toughness and long lifetime.

Application Scope:

Appropriate for all kinds of flammable and explosive environments such as Oil Refinery, Petrochemical Industry, Coal Mine, Oil Field, Natural Gas Chemical Industry, Gunpowder Industry, Chemical-fiber Industry, Paint Industry, Fertilizer Industry, Pharmaceutical Industry, etc. It can efficiently avoid spark arising and explosion while striking, friction and hammering.

NON-SPARKING-TOOLS

Beryllium Copper Non-sparking Tools

Item No. begins with "BE"

Non-sparking Properties:

- 1.Appropriate for operation with hydrogen concentration below 21%.
- 2.Standard code GBEx II C, Hardness HRC30-40, tensile strength δ_b 105-120kgf/mm²;
- 3.Adopt 4.0 die forging technology, Germany DIN standard, high density, high toughness, long lifetime and anti-magnetic.

Application Scope:

Appropriate for all kinds of flammable and explosive environments such as Oil Refinery, Petrochemical Industry, Coal Mine, Oil Field, Natural Gas Chemical Industry, Gunpowder Industry, Chemical-fiber Industry, Paint Industry, Fertilizer Industry, Pharmaceutical Industry, etc. they will not cause any spark when they strike, rub or fall down.

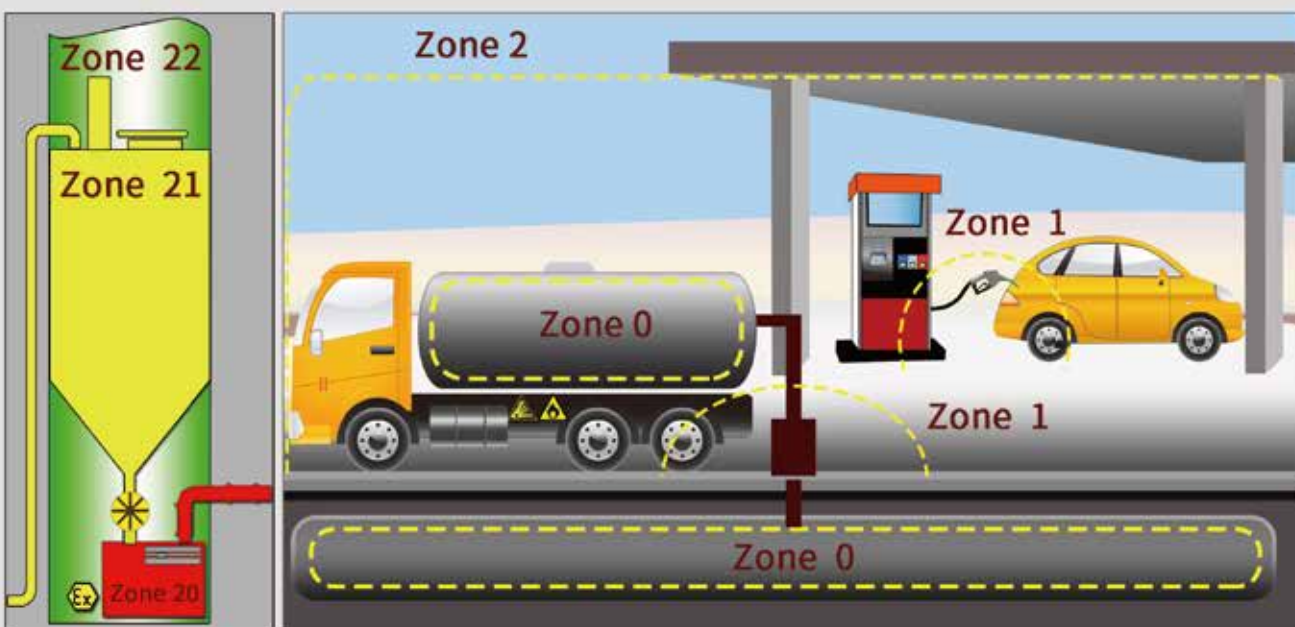
WEDO NON-SPARKING TOOLS

ATEX=ATmosphere EXplosible

Classification of Zones by Explosion Risks

ATEX Feasibility	High Zone 0	Average low Zone 1	Very low Zone 2
Gas,oil, Mist or Vapor	Refers to a dangerous atmosphere in which a mixture of air and flammable substances in the form of gas, mist or vapor is present frequently, continuously or for a long period.	Refers to a dangerous atmosphere in which a mixture of air and flammable substances in the form of gas, mist or vapor is likely to occur occasionally under normal operation.	Refers to a dangerous atmosphere in which a mixture of air and flammable substances in the form of gas, mist or vapor is not likely to occur under normal operation, but if it does occur, will persist only for a short period.
Dust	Zone 20 Refers to a dangerous environment in which a cloud of combustible dust in the air is present frequently, continuously or for a long period.	Zone 21 Refers to a dangerous environment in which a cloud of combustible dust in the air is likely to occur in normal operation occasionally.	Zone 22 Refers to a dangerous environment in which a cloud of combustible dust in the air is not likely to occur in normal operation, but if it does occur, will persist for only a short period.

Mine1	In case of firedamp, the operation is possible to be continued.
Mine2	In case of firedamp, the operation must be shut down.



DIFFERENCES BETWEEN TWO MATERIALS:

Beryllium Copper Alloy(Be-Cu)	
Be	1.5-1.7% 1.8-2.3%
Co+Ni	over 0.2%
Co+Ni+Fe	below 1.2%
Cu+Be+Co+Ni+Fe	over 99.0%
Hardness	30-40HRC
Tensile Strength	1117N/mm ² -1326N/mm ²
Extensibility	δ≤1.0%
Elasticity limit	840N/mm ² -880N/mm ²
Magnetic	0
Aluminium Bronze Alloy(Al-Br)	
Al	10-12%
Ni	4-6%
Fe+Mn	below 5.8%
Cu+Al+Ni+Fe+Mn	over 99.0%
Hardness	20-30HRC
Tensile Strength	782N/mm ² -989N/mm ²
Extensibility	δ≥5%
Elasticity limit	450N/mm ² -550N/mm ²
Magnetic	1.2

PROPERTIES AND APPLICATIONS:

Property Application or Benefits	
Non-sparking	Appropriate for explosive potential environment such as oil and gas works, petro-chemical plants, etc. It can efficiently avoid spark arising while operating.
Non-magnetic safety	Essential for equipments that require complete non-magnetic environment.
Corrosion resistant	Especially well suited for applications in corrosive environments like encountered in marine works or firefighting applications.
Forged after casting	Provide higher mechanical properties and better finishing.

MAIN APPLICATION FIELDS:

Petro chemicals	Chemical Industry	Mines
Refineries	Fireworks Industry	Defense
Gas & Oil pipelines	Flour silos and mills	Air Forces
Power stations	Breweries	Navy
Paint Manufacturing	Alcohol processing industry	Weapon & ammunition fabrication
Plastic Manufacturing	Distillery	Aerospace Industry
Pharmaceutical Industry	Fire-fighters	Automobile Industry

INDUSTRIAL-GRADE
SAFETY BOX

• High impact resistance designed lock buckle, can open and close freely under any circumstances

• The toolbox have passed waterproof test, can effectively prevent water and dust from entering

• High toughness and transformation resistance, suitable for any transportation environment

• Automatic waterproof breathable valve, can adjust the pressure inside the box automatically. Thus, enabling the safety box be opened easily under any circumstances, and ensuring the dryness inside the box

• Unique designed structure, more durable, more light and compact

• Enhanced soft handle, comfortable to use, especially suitable when having long-time loading

• Unique stacked anti-slip design

• Superior high impact resistance and low temperature resistance, excellent toughness and deformation resistance, can apply to any extreme transportation environment, resistant to -55° ultra low temperature.

• Widely used in area like Radio and television photography, Industrial instrument, Defense military, Police enforcement, IT, Outdoor activities etc. Product applies to precision instrument protection box, Field photographing and camera protector, Testing tools accessory box, Diving equipment protection box, and transportation container, Gun box, Anti-vibration rack box, Airdrop box, Field desk etc.

• Excellent detail design and philosophy, complete spare parts supply, fully consider the extensive demands of various industries.

• Sealed waterproof and dust proof, automatically adjusting the pressure both inside and outside, provides the finest protection to customer's product.

1/4" Dr Socket Set-11pcs



• AL-BR:690g • BE-CU:710g

ITEM CODE		SIZE
AL-BR	BE-CU	(mm)
AL101A	BE101A	1/4" Socket (4,4.5,5,5.5,6,7,8)mm
		Driver Type Handle
		Stubby
		Slotted Screwdriver
		Stubby
		Phillips Screwdriver
		Tool Case

1/4" Dr Socket Set-12pcs



• AL-BR:720g • BE-CU:740g

ITEM CODE		SIZE
AL-BR		BE-CU
		(mm)
AL101B	BE101B	1/4" Socket (4,5,6,7,8,9,10,11,12,13)mm
		Driver Type Handle
		Tool Case

3/8" Dr Socket Set-13pcs



• AL-BR:1650g • BE-CU:1740g

ITEM CODE		SIZE
AL-BR		BE-CU
		(mm)
AL101C	BE101C	3/8" Socket (8,9,10,11,12,13,14,17,19)mm
		13/16" Spark plug Socket
		Ratchet Wrench 3/8" *200mm
		Straight Joint
		Driver Extension 3/8" *75mm
		Tool Case

1/4" * 3/8" Dr Socket Set-21pcs



• AL-BR:2000g • BE-CU:2130g

ITEM CODE		SIZE
AL-BR		BE-CU
		(mm)
AL101D	BE101D	1/4" Socket (4,4.5,5,5.5,6,7,8)mm
		Ratchet Wrench 3/8" *200mm
		Straight Joint
		Driver Extension 75mm,150mm
		3/8" Socket (10,11,12,13,14,17,19)mm
		13/16" Spark Plug
		Socket
		Adaptor 3/8" *1/4"
		Driver Type Handle 1/4" *55mm
		Tool Case

1/2" Dr Socket Set-10pcs



• AL-BR:1890g • BE-CU:2000g

ITEM CODE		SIZE
AL-BR		BE-CU
		(mm)
AL101E	BE101E	1/2" Socket (10,11,12,14,17,19,22,24)mm
		Offset Handle 1/2" *230mm
		Tool Case

1/2" Dr Socket Set-13pcs



• AL-BR:3180g • BE-CU:3390g

ITEM CODE		SIZE
AL-BR		BE-CU
		(mm)
AL101F	BE101F	1/2" Socket (8,10,11,12,14,17,19,22,24,27)mm
		Ratchet Wrench 1/2" *245mm
		Hinged Handle 1/2" *250mm
		Tool Case

1/2" Dr Socket Set-17pcs



• AL-BR:6355g • BE-CU:6730g

ITEM CODE		SIZE
AL-BR		BE-CU
		(mm)
AL101G	BE101G	1/2" Socket (10,11,12,14,17,19,22,24,27,30,32)mm
		Ratchet Wrench 1/2" *245mm
		Sliding T-Handle 1/2" *250mm
		Speed Handle 1/2" *400mm
		Driver Extension 1/2" *125mm
		1/2" *250mm
		Tool Case



1/2" Dr Socket Set-25pcs



• AL-BR:7270g • BE-CU:7370g

ITEM CODE		SIZE
AL-BR		BE-CU
		(mm)
AL101H	BE101H	1/2" Socket (10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32)mm
		Ratchet Wrench 1/2" *245mm
		Sliding T-Handle 1/2" *250mm
		Speed Handle 1/2" *400mm
		Driver Extension 1/2" *125mm
		1/2" *250mm
		Universal Joint 1/2" *80mm
		Tool Case

1/2" Dr Socket Set-28pcs

3/4" Dr Socket Set-15pcs

1" Dr Socket Set-19pcs



• AL-BR:8520g • BE-CU:9050g

ITEM CODE		SIZE
AL-BR	BE-CU	(mm)
AL101I	BE101I	1/2" Socket (10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,26,27,28,30,32)mm
		Ratchet Wrench 1/2" *245mm
		Sliding T-Handle 1/2" *250mm
		Driver Extension 1/2" *400mm
		1/2" *125mm
		1/2" *250mm
		Universal Joint 1/2" *80mm
		Screwdriver Socket 1/2" *52mm
		Tool Case



• AL-BR:12350g • BE-CU:13240g

ITEM CODE		SIZE
AL-BR	BE-CU	(mm)
AL101K	BE101K	3/4" Socket (21,24,27,30,32,34,36,38,41,46,50)mm
		Ratchet Wrench 3/4" *320mm
		Sliding T-Handle 3/4" *400mm
		Driver Extension 3/4" *200mm
		Tool Case

3/4" Dr Socket Set-21pcs



• AL-BR:14200g • BE-CU:15270g

ITEM CODE		SIZE
AL-BR	BE-CU	(mm)
AL101L	BE101L	3/4" Socket (21,22,23,24,26,27,28,29,30,31,32,34,36,38,41,46,50)mm
		Ratchet Wrench 3/4" *320mm
		Sliding T-Handle 3/4" *400mm
		Driver Extension 3/4" *200mm
		Tool Case

3/4" *1 Dr Socket Set-27pcs



• AL-BR:23060g • BE-CU:24900g

ITEM CODE		SIZE
AL-BR	BE-CU	(mm)
AL101M	BE101M	3/4" Socket (21,22,23,24,26,27,28,29,30,31,32,34,36,38,41,46,50,55,60,65)mm
		Ratchet Wrench 3/4" *160mm
		Sliding T-Handle 3/4" *400mm
		Driver Extension 3/4" *200mm
		3/4" *430mm
		Fles Ball Joint 3/4" *120mm
		Sliding T-Handle 3/4" *1"
		Tool Case



• AL-BR:24850g • BE-CU:24900g

ITEM CODE		SIZE
AL-BR	BE-CU	(mm)
AL101N	BE101N	1" Socket (30,31,32,34,36,38,41,46,50,55,60,65,70,75,80)mm
		Sliding T-Handle 3/4" *1"
		Driver Extension 1" *200mm
		Flex Ball Joint 1" *200mm
		Tool Case

Socket (C=1/4")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL102-4	BE102-4	4	25	15	17
AL102-4.5	BE102-4.5	4.5	25	15	17
AL102-5	BE102-5	5	25	15	17
AL102-5.5	BE102-5.5	5.5	25	15	17
AL102-6	BE102-6	6	25	15	17
AL102-7	BE102-7	7	25	15	17
AL102-8	BE102-8	8	25	15	17
AL102-9	BE102-9	9	25	20	21
AL102-10	BE102-10	10	25	20	22
AL102-11	BE102-11	11	25	25	27
AL102-12	BE102-12	12	26	27	30
AL102-13	BE102-13	13	26	27	30
AL102-14	BE102-14	14	26	32	35
AL102-15	BE102-15	15	27	36	40
AL102-16	BE102-16	16	27	36	40
AL102-17	BE102-17	17	27	45	50
AL102-18	BE102-18	18	27	45	50
AL102-19	BE102-19	19	27	46	51



Socket (C=1/4")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	AL-BR	BE-CU
AL102-1002	BE102-1002	5/32	25	13	14
AL102-1004	BE102-1004	3/16	25	13	14
AL102-1006	BE102-1006	7/32	25	15	17
AL102-1008	BE102-1008	1/4	25	15	17
AL102-1010	BE102-1010	9/32	25	15	17
AL102-1012	BE102-1012	5/16	25	18	20
AL102-1014	BE102-1014	11/32	26	22	24
AL102-1016	BE102-1016	3/8	26	26	29
AL102-1018	BE102-1018	7/16	26	26	29
AL102-1020	BE102-1020	1/2	26	26	29



Socket (C=3/8")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL103-5	BE103-5	5	28	32	35
AL103-5.5	BE103-5.5	5.5	28	32	35
AL103-6	BE103-6	6	28	32	35
AL103-7	BE103-7	7	28	32	35
AL103-8	BE103-8	8	28	32	35
AL103-9	BE103-9	9	28	32	35
AL103-10	BE103-10	10	32	45	50
AL103-11	BE103-11	11	32	45	50
AL103-12	BE103-12	12	32	45	50
AL103-13	BE103-13	13	32	45	50
AL103-14	BE103-14	14	32	45	50
AL103-15	BE103-15	15	32	48	53
AL103-16	BE103-16	16	32	53	58
AL103-17	BE103-17	17	32	57	63
AL103-19	BE103-19	19	32	62	68
AL103-20	BE103-20	20	32	70	77

Socket (C=3/8")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	AL-BR	BE-CU
AL103-1002	BE103-1002	5/16	28	32	35
AL103-1004	BE103-1004	3/8	28	32	35
AL103-1006	BE103-1006	7/16	32	45	50
AL103-1008	BE103-1008	1/2	32	45	50
AL103-1010	BE103-1010	9/16	32	45	50
AL103-1012	BE103-1012	5/8	32	65	71
AL103-1014	BE103-1014	11/16	32	65	72
AL103-1016	BE103-1016	3/4	32	65	72
AL103-1018	BE103-1018	13/16	35	80	87
AL103-1020	BE103-1020	7/8	35	95	104
AL103-1022	BE103-1022	15/16	35	105	115

Socket (C=1/2")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL104-6	BE104-6	6	40	69	75
AL104-7	BE104-7	7	40	70	77
AL104-8	BE104-8	8	40	70	77
AL104-9	BE104-9	9	40	71	78
AL104-10	BE104-10	10	40	71	78
AL104-11	BE104-11	11	40	72	79
AL104-12	BE104-12	12	40	72	79
AL104-13	BE104-13	13	40	73	80
AL104-14	BE104-14	14	40	73	80
AL104-15	BE104-15	15	40	85	94
AL104-16	BE104-16	16	40	85	94
AL104-17	BE104-17	17	40	85	94
AL104-18	BE104-18	18	42	85	94
AL104-19	BE104-19	19	42	100	110
AL104-20	BE104-20	20	42	105	120
AL104-21	BE104-21	21	43	110	125
AL104-22	BE104-22	22	43	115	130
AL104-23	BE104-23	23	43	135	150
AL104-24	BE104-24	24	43	145	165
AL104-25	BE104-25	25	43	160	180
AL104-26	BE104-26	26	43	180	200
AL104-27	BE104-27	27	46	190	215
AL104-28	BE104-28	28	46	200	225
AL104-29	BE104-29	29	46	210	235
AL104-30	BE104-30	30	46	220	250
AL104-32	BE104-32	32	46	260	295

Socket (C=1/2")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	AL-BR	BE-CU
AL104-1002	BE104-1002	5/16	40	70	70
AL104-1004	BE104-1004	3/8	40	71	78
AL104-1006	BE104-1006	7/16	40	72	79
AL104-1008	BE104-1008	1/2	40	73	80
AL104-1010	BE104-1010	9/16	40	73	80
AL104-1012	BE104-1012	5/8	40	80	88
AL104-1014	BE104-1014	11/16	40	85	93
AL104-1016	BE104-1016	3/4	42	100	110
AL104-1018	BE104-1018	13/16	43	110	125
AL104-1020	BE104-1020	7/8	43	115	130
AL104-1022	BE104-1022	15/16	43	145	165
AL104-1024	BE104-1024	1	43	170	190
AL104-1026	BE104-1026	1-1/16	46	190	215
AL104-1028	BE104-1028	1-1/4	46	260	295
AL104-1030	BE104-1030	1-7/16	50	300	330

Socket (C=3/4")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL105-17	BE105-17	17	50	225	246
AL105-19	BE105-19	19	50	225	246
AL105-21	BE105-21	21	55	245	268
AL105-22	BE105-22	22	55	245	268
AL105-23	BE105-23	23	55	280	306
AL105-24	BE105-24	24	55	280	307
AL105-26	BE105-26	26	55	280	307
AL105-27	BE105-27	27	55	285	312
AL105-28	BE105-28	28	55	310	339
AL105-29	BE105-29	29	55	320	350
AL105-30	BE105-30	30	60	370	410
AL105-31	BE105-31	31	60	380	430
AL105-32	BE105-32	32	60	410	465
AL105-34	BE105-34	34	60	440	480
AL105-36	BE105-36	36	60	465	510
AL105-38	BE105-38	38	60	510	555
AL105-41	BE105-41	41	65	640	660
AL105-46	BE105-46	46	65	690	765
AL105-50	BE105-50	50	70	825	910

Socket (C=3/4")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	AL-BR	BE-CU
AL105-1002	BE105-1002	3/4	50	220	240
AL105-1004	BE105-1004	13/16	55	240	262
AL105-1006	BE105-1006	7/8	55	245	267
AL105-1008	BE105-1008	15/16	55	280	305
AL105-1010	BE105-1010	1	55	280	310
AL105-1012	BE105-1012	1-1/16	55	285	315
AL105-1014	BE105-1014	1-1/8	55	315	345
AL105-1016	BE105-1016	1-3/16	60	365	400
AL105-1018	BE105-1018	1-1/4	60	400	437
AL105-1020	BE105-1020	1-5/16	60	430	472
AL105-1022	BE105-1022	1-3/8	60	470	515
AL105-1024	BE105-1024	1-7/16	60	480	525
AL105-1026	BE105-1026	1-1/2	60	530	580
AL105-1028	BE105-1028	1-5/8	65	640	702
AL105-1030	BE105-1030	1-3/4	65	695	761
AL105-1032	BE105-1032	1-13/16	65	705	830
AL105-1034	BE105-1034	1-7/8	65	750	850
AL105-1036	BE105-1036	2	70	870	965

Socket (C=1")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	AL-BR	BE-CU
AL106-1002	BE106-1002	1-1/16	55	360	394
AL106-1004	BE106-1004	1-1/8	55	364	398
AL106-1006	BE106-1006	1-3/16	60	405	442
AL106-1008	BE106-1008	1-1/4	60	431	470
AL106-1010	BE106-1010	1-5/16	60	442	483
AL106-1012	BE106-1012	1-3/8	60	448	490
AL106-1014	BE106-1014	1-7/16	65	500	560
AL106-1016	BE106-1016	1-1/2	65	560	620
AL106-1018	BE106-1018	1-5/8	70	625	690
AL106-1020	BE106-1020	1-7/8	75	740	850
AL106-1022	BE106-1022	2	75	850	960
AL106-1024	BE106-1024	2-1/4	80	1130	1250
AL106-1026	BE106-1026	2-1/2	90	1550	1700
AL106-1028	BE106-1028	2-3/4	90	1850	2050
AL106-1030	BE106-1030	3	95	2500	2750

Socket (C=1")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL106-22	BE106-22	22	55	330	361
AL106-24	BE106-24	24	55	340	372
AL106-25	BE106-25	25	55	345	377
AL106-26	BE106-26	26	55	350	383
AL106-27	BE106-27	27	55	360	394
AL106-28	BE106-28	28	55	363	397
AL106-29	BE106-29	29	55	365	399
AL106-30	BE106-30	30	60	405	443
AL106-31	BE106-31	31	60	410	448
AL106-32	BE106-32	32	60	440	481
AL106-34	BE106-34	34	60	455	497
AL106-36	BE106-36	36	65	500	550
AL106-38	BE106-38	38	65	560	620
AL106-41	BE106-41	41	70	625	690
AL106-46	BE106-46	46	75	740	850
AL106-50	BE106-50	50	75	760	850
AL106-55	BE106-55	55	80	1000	1160
AL106-60	BE106-60	60	85	1260	1390
AL106-65	BE106-65	65	90	1580	1750
AL106-70	BE106-70	70	90	1950	2150
AL106-75	BE106-75	75	95	2430	2680
AL106-80	BE106-80	80	95	2800	3080

Impact Socket (C=3/4")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL107-24	BE107-24	24	50	330	380
AL107-27	BE107-27	27	53	365	405
AL107-30	BE107-30	30	53	390	440
AL107-32	BE107-32	32	56	425	475
AL107-36	BE107-36	36	56	585	650
AL107-41	BE107-41	41	60	625	695
AL107-46	BE107-46	46	60	700	770
AL107-50	BE107-50	50	70	1000	1100

Impact Socket (C=1")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL108-19	BE108-19	19	55	570	630
AL108-21	BE108-21	21	55	580	640
AL108-22	BE108-22	22	55	590	650
AL108-24	BE108-24	24	55	600	660
AL108-26	BE108-26	26	55	660	735
AL108-27	BE108-27	27	55	670	735
AL108-29	BE108-29	29	60	690	760
AL108-30	BE108-30	30	60	690	765
AL108-32	BE108-32	32	60	700	775
AL108-34	BE108-34	34	60	700	775
AL108-35	BE108-35	35	60	700	775
AL108-36	BE108-36	36	60	700	775
AL108-38	BE108-38	38	65	780	865
AL108-41	BE108-41	41	65	830	930
AL108-46	BE108-46	46	70	1265	1380
AL108-50	BE108-50	50	75	1320	1455
AL108-52	BE108-52	52	75	1550	1715
AL108-55	BE108-55	55	75	1650	1830
AL108-58	BE108-58	58	85	1900	2080
AL108-60	BE108-60	60	85	2000	2200
AL108-65	BE108-65	65	85	2250	2460
AL108-70	BE108-70	70	90	2600	2890
AL108-75	BE108-75	75	90	2900	3155
AL108-80	BE108-80	80	90	3200	3560

Impact Socket (C=1-3/16")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL109-50	BE109-50	50	90	1755	1930
AL109-52	BE109-52	52	90	1835	2005
AL109-55	BE109-55	55	90	1965	2180
AL109-58	BE109-58	58	90	2000	2200
AL109-60	BE109-60	60	90	2085	2290
AL109-65	BE109-65	65	90	2370	2610
AL109-70	BE109-70	70	90	2585	2840
AL109-75	BE109-75	75	90	2880	3190
AL109-80	BE109-80	80	90	3250	3605

Impact Socket (C=1-1/4")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL110-50	BE110-50	50	90	1765	1950
AL110-60	BE110-60	60	90	2100	2300
AL110-70	BE110-70	70	90	2475	2750

Impact Socket (C=1-1/2")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL110A-55	BE110A-55	55	90	2300	2530
AL110A-60	BE110A-60	60	90	2500	2750
AL110A-65	BE110A-65	65	95	2850	3130
AL110A-70	BE110A-70	70	95	3100	3400
AL110A-75	BE110A-75	75	100	3400	3740
AL110A-80	BE110A-80	80	100	3800	4180
AL110A-85	BE110A-85	85	110	4200	4620
AL110A-90	BE110A-90	90	110	4490	4940

Impact Socket (C=1/2")



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL110B-8	BE110B-8	8	40	70	80
AL110B-10	BE110B-10	10	40	75	85
AL110B-12	BE110B-12	12	40	90	100
AL110B-14	BE110B-14	14	40	115	125
AL110B-17	BE110B-17	17	40	115	125
AL110B-19	BE110B-19	19	40	120	135
AL110B-22	BE110B-22	22	40	135	150
AL110B-24	BE110B-24	24	45	165	185
AL110B-27	BE110B-27	27	45	190	215
AL110B-30	BE110B-30	30	50	235	265
AL110B-32	BE110B-32	32	50	255	285

Impact Socket (C=1/2" Deep)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL110C-8	BE110C-8	8	80	280	315
AL110C-10	BE110C-10	10	80	280	315
AL110C-12	BE110C-12	12	80	280	315
AL110C-14	BE110C-14	14	80	280	315
AL110C-17	BE110C-17	17	80	280	315
AL110C-19	BE110C-19	19	80	290	325
AL110C-22	BE110C-22	22	80	300	335
AL110C-24	BE110C-24	24	80	325	365
AL110C-27	BE110C-27	27	80	380	425
AL110C-30	BE110C-30	30	80	410	455
AL110C-32	BE110C-32	32	80	435	485

Impact Socket (C=3/4" Deep)



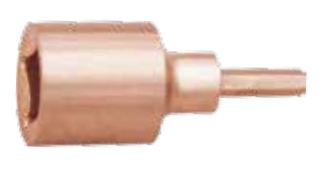
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL110D-17	BE110D-17	17	90	570	625
AL110D-19	BE110D-19	19	90	580	635
AL110D-22	BE110D-22	22	90	600	660
AL110D-24	BE110D-24	24	90	630	690
AL110D-27	BE110D-27	27	90	650	715
AL110D-30	BE110D-30	30	90	750	825
AL110D-32	BE110D-32	32	90	800	880
AL110D-36	BE110D-36	36	90	890	980
AL110D-41	BE110D-41	41	90	1000	1100
AL110D-46	BE110D-46	46	100	1300	1430
AL110D-50	BE110D-50	50	100	1660	1825

Flex Ball Joint



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	AL-BR	BE-CU
AL111-1002	BE111-1002	3/4	120	800	880
AL111-1004	BE111-1004	1	120	1050	1160

Internal Hexagon Socket









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ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	AL-BR	BE-CU
AL112-1002	BE112-1002	1/2	80	170	186
AL112-1004	BE112-1004	3/4	110	480	530
AL112-1006	BE112-1006	1	132	900	1000

Adaptor



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	S(inch)	L(mm)	AL-BR	BE-CU
AL113-1002	BE113-1002	3/8	1/4	26	28	31
AL113-1004	BE113-1004	1/4	3/8	22	20	22
AL113-1006	BE113-1006	1/2	3/8	34	70	80
AL113-1008	BE113-1008	3/8	1/2	34	55	60
AL113-1010	BE113-1010	3/4	1/2	55	260	290
AL113-1012	BE113-1012	1/2	3/4	50	150	170
AL113-1014	BE113-1014	1	3/4	70	770	855
AL113-1016	BE113-1016	3/4	1	60	320	360
AL113-1018	BE113-1018	1-1/2	1	85	1510	1675
AL113-1020	BE113-1020	1	1-1/2	85	1100	1230

Screwdriver Socket










ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	C (inch)	L (mm)	H (mm)	B (mm)	AL-BR	BE-CU
AL114-1002	BE114-1002	1/2	52	2	13	91	102

Ratchet Wrench





ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	C (inch)	L (mm)	H (mm)	AL-BR	BE-CU	
AL115-1002	BE115-1002	3/4	160	21	1600	1760	
AL115-1004	BE115-1004	1	180	23	2250	2470	



Sliding T Type Wrench



ITEM CODE		规格/SIZE				N.W. (g)	
AL-BR	BE-CU	C (inch)	L (mm)	Φ (mm)	H (mm)	AL-BR	BE-CU
AL116-1002	BE116-1002	3/4	350	19	200	1550	1705
AL116-1004	BE116-1004	1	400	21	200	2350	2590




Sliding T Handle



Hinged Handle






ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	L1(mm)	AL-BR	BE-CU
AL118-1002	BE118-1002	3/8	190	175	220	245
AL118-1004	BE118-1004	1/2	250	230	400	440
AL118-1006	BE118-1006	1/2	320	300	510	565
AL118-1008	BE118-1008	1/2	400	380	580	645
AL118-1010	BE118-1010	3/4	286	260	570	635
AL118-1012	BE118-1012	1	304	270	830	910

Ratchet Wrench



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
AL119-1002	BE119-1002	1/4	200	16.5	305	350
AL119-1004	BE119-1004	3/8	175	16.5	302	335
AL119-1006	BE119-1006	3/8	200	16.5	360	400
AL119-1008	BE119-1008	1/2	250	16.5	480	535
AL119-1010	BE119-1010	3/4	300	22	1170	1290
AL119-1012	BE119-1012	1	300	22	1440	1590




Ratchet Wrench




ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
AL120-1002	BE120-1002	3/8	200	30	260	290
AL120-1004	BE120-1004	1/2	245	43	615	690
AL120-1006	BE120-1006	3/4	320	57	1430	1570
AL120-1008	BE120-1008	1	550	67	3150	3470

Ratchet Wrench






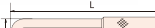






ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
AL120A-1002	BE120A-1002	1/4	130	22.5	155	175
AL120A-1004	BE120A-1004	3/8	180	30.0	335	375
AL120A-1006	BE120A-1006	1/2	250	37.5	680	760

Offset Handle



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
AL121-1002	BE121-1002	3/8	200	50	287	314
AL121-1004	BE121-1004	1/2	230	60	380	410
AL121-1006	BE121-1006	3/4	280	75	699	765
AL121-1008	BE121-1008	1	300	85	1060	1160

WEDO

NON-SPARKING TOOLS

BERYLLIUM
COPPER ALLOY

ALUMINIUM
BRONZE ALLOY






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FLAMMABLE AND
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**READY STOCK
QUALITY GUARANTEE**

**Customized
Service**





Sliding T Type Wrench



						
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL121B-7	BE121B-7	7	120	120	90	100
AL121B-9	BE121B-9	9	130	130	140	155
AL121B-11	BE121B-11	11	140	150	170	190
AL121B-14	BE121B-14	14	150	170	240	265
AL121B-17	BE121B-17	17	170	190	370	410
AL121B-19	BE121B-19	19	180	210	480	535
AL121B-22	BE121B-22	22	190	240	680	750
AL121B-24	BE121B-24	24	200	270	860	950
AL121B-27	BE121B-27	27	200	270	1000	1110
AL121B-30	BE121B-30	30	200	280	1210	1340
AL121B-32	BE121B-32	32	200	280	1300	1440
AL121B-36	BE121B-36	36	200	280	1800	1980

Wrench, Socket L-Type



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL121A-6	BE121A-6	6	120	29	35	40
AL121A-8	BE121A-8	8	144	33	60	70
AL121A-10	BE121A-10	10	168	37	90	100
AL121A-12	BE121A-12	12	216	42	135	155
AL121A-13	BE121A-13	13	240	45	190	215
AL121A-14	BE121A-14	14	245	45	215	250
AL121A-15	BE121A-15	15	250	48	240	280
AL121A-16	BE121A-16	16	255	48	290	335
AL121A-17	BE121A-17	17	260	51	325	380
AL121A-18	BE121A-18	18	265	53	365	420
AL121A-19	BE121A-19	19	270	55	400	460
AL121A-20	BE121A-20	20	272	57	450	520
AL121A-21	BE121A-21	21	275	57	550	650
AL121A-22	BE121A-22	22	278	59	645	750
AL121A-23	BE121A-23	23	282	60	680	800
AL121A-24	BE121A-24	24	286	63	700	850
AL121A-27	BE121A-27	27	294	69	800	900
AL121A-30	BE121A-30	30	302	75	880	1000
AL121A-32	BE121A-32	32	310	81	950	1100
AL121A-36	BE121A-36	36	330	85	1150	1300
AL121A-41	BE121A-41	41	350	90	1450	1500

Socket, Double End



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S1*S2(mm)	L(mm)	AL-BR	BE-CU
AL121C-0607	BE121C-0607	6*7	105	65	70
AL121C-0809	BE121C-0809	8*9	115	80	90
AL121C-1011	BE121C-1011	10*11	120	120	110
AL121C-1213	BE121C-1213	12*13	140	160	170
AL121C-1415	BE121C-1415	14*15	140	230	255
AL121C-1617	BE121C-1617	16*17	155	340	440
AL121C-1819	BE121C-1819	18*19	165	460	520
AL121C-2022	BE121C-2022	20*22	175	570	630
AL121C-2123	BE121C-2123	21*23	185	600	670
AL121C-2427	BE121C-2427	24*27	195	785	870
AL121C-2528	BE121C-2528	25*28	205	870	965
AL121C-2730	BE121C-2730	27*30	210	900	1000





Wrench, Socket L-Type



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL122A-6	BE122A-6	6	102	18	40	45
AL122A-7	BE122A-7	7	106	18	45	50
AL122A-8	BE122A-8	8	114	22	65	72
AL122A-9	BE122A-9	9	122	22	80	90
AL122A-10	BE122A-10	10	129	25	120	130
AL122A-11	BE122A-11	11	136	25	125	140
AL122A-12	BE122A-12	12	144	28	150	165
AL122A-13	BE122A-13	13	152	30	185	200
AL122A-14	BE122A-14	14	160	32	195	215
AL122A-15	BE122A-15	15	169	35	240	265
AL122A-16	BE122A-16	16	178	35	295	325
AL122A-17	BE122A-17	17	187	40	315	350
AL122A-18	BE122A-18	18	195	40	345	380
AL122A-19	BE122A-19	19	204	45	440	485
AL122A-21	BE122A-21	21	221	50	525	580
AL122A-22	BE122A-22	22	230	50	590	650
AL122A-24	BE122A-24	24	250	55	640	705
AL122A-27	BE122A-27	27	280	65	1030	1135
AL122A-30	BE122A-30	30	310	70	1300	1460
AL122A-32	BE122A-32	32	330	75	1570	1730
AL122A-34	BE122A-34	34	350	75	1600	1760
AL122A-36	BE122A-36	36	370	80	1670	1840

Driver Extension



					
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	AL-BR	BE-CU
AL122-1002	BE122-1002	3/8	75	80	93
AL122-1004	BE122-1004	3/8	150	160	185
AL122-1006	BE122-1006	1/2	100	225	245
AL122-1008	BE122-1008	1/2	125	230	260
AL122-1010	BE122-1010	1/2	200	330	365
AL122-1012	BE122-1012	1/2	250	425	470
AL122-1014	BE122-1014	3/4	200	770	855
AL122-1016	BE122-1016	1	200	1380	1525

High Quality Raw Materials

Non-sparking tools are made of expensive and rare non-ferrous metal in good proportion(Be-Cu & Al-Br). The final products are in golden or silver yellow.

Advanced Die-forged Process

One-time die-forged, high hardness, strong torque, completely in accordance with Germany DIN standard. Low physical effort and increasing 30% lifespan.



Beryllium-Copper(Be-Cu)Alloy

Hardness	30-40HRC
Tensile Strength	1117N/mm ² -1326N/mm ²
Extensibility	δ≤1.0%
Elasticity limit	840-880N/mm ²
Magnetic	0

Aluminium-Bronze(AL-Br)Alloy

Hardness	20-30HRC
Tensile Strength	782N/mm ² -989N/mm ²
Extensibility	δ≥5.0%
Elasticity limit	450-550N/mm ²
Magnetic	1.2

Technical process of WEDO non-sparking tools

- The use of raw materials must carry on scientific ratio in strict accordance with the requirements of non-sparking tool material composition, this is the most critical point for non-sparking.
- Then smelt and synthesis raw materials through scientific ratio methods, and extract some of them to conduct drop weight and friction test according to GB10686 standard, in order to ensure the safety coefficient of the materials meeting standard.

Adopting large friction press machines of different types like 150T-2500T and others, to make the smelting qualified roughcast synthesis die forged according to sizes.
- The qualified forging blank pass inspection will be ordered to each production line to be precisely CNC machined according to different varieties. As pipeline processing is completed, they will be heated according to the material standards and requirements, in order to ensure the strength, toughness and mechanical properties to meet the requirement of standard.
- Accepting the tools of meeting standard to storage after surface treatment. To ensure the customers to use safe and reliable products, we'll make sample quality inspection while packing for shipment, in order to guarantee the property of non-sparking with the qualified rate of 100%.






Instruction of Wrench

- Use the right size wrench.
- Do not use the wrench as a lever.
- Do not used with extension bar at random, unless this tool has such designed function.
- Do not strike wrench with a hammer, unless this tool has such designed function, such as striking wrench.
- Apply a force on wrench when the wrench is placed in the correct station.
- Box wrench transmits torque more smoothly, so it is more suitable for high torque.
- Damaged wrench should not be used again. Do not repair damaged wrench.

Wrench,Adjustable






ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	K _{max} (mm)	AL-BR	BE-CU
AL125-1002	BE125-1002	100	13	30	33
AL125-1004	BE125-1004	150	18	130	145
AL125-1006	BE125-1006	200	24	240	275
AL125-1008	BE125-1008	250	30	435	485
AL125-1010	BE125-1010	300	36	715	780
AL125-1012	BE125-1012	375	46	1415	1545
AL125-1014	BE125-1014	450	55	2120	2360
AL125-1016	BE125-1016	600	65	4300	4700

Wrench, Adjustable,Plastic Handle



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Kmax(mm)	AL-BR	BE-CU
AL125A-1002	BE125A-1002	100	13	30	33
AL125A-1004	BE125A-1004	150	18	130	145
AL125A-1006	BE125A-1006	200	24	240	275
AL125A-1008	BE125A-1008	250	30	435	485
AL125A-1010	BE125A-1010	300	36	715	780
AL125A-1012	BE125A-1012	375	46	1415	1545
AL125A-1014	BE125A-1014	450	55	2120	2360
AL125A-1016	BE125A-1016	600	65	4300	4700




Wrench, Adjustable



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Kmax(mm)	AL-BR	BE-CU
AL125D-1002	BE125D-1002	150	18	145	165
AL125D-1004	BE125D-1004	200	24	270	300
AL125D-1006	BE125D-1006	250	30	500	550
AL125D-1008	BE125D-1008	300	36	680	750

Wrench, Adjustable



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	K _{max} (mm)	AL-BR	BE-C
AL125E-1002	BE125E-1002	150	18	150	175
AL125E-1004	BE125E-1004	200	24	250	290
AL125E-1006	BE125E-1006	250	30	420	485
AL125E-1008	BE125E-1008	300	36	650	750

Wrench, Adjustable





ITEM CODE	SIZE	N.W. (g)	
AL-BR	BE-CU	L(mm)	K _{max} (mm)
AL126-1002	BE126-1002	350	36

AL-BR	BE-CU	L(mm)	K _{max} (mm)	H(mm)	AL-BR	BE-CU
AL126-1002	BE126-1002	350	36	80	1251	1384

Wrench, Monkey






ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L (mm)	Kmax (mm)	AL-BR	BE-CU
AL127-1002	BE127-1002	240	45	470	510
AL127-1004	BE127-1004	254	48	560	615
AL127-1006	BE127-1006	305	58	820	910
AL127-1008	BE127-1008	350	65	1120	1220
AL127-1010	BE127-1010	380	70	1340	1465

Motor Wrench







ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	S(mm)	AL-BR	BE-CU
AL127A-62	BE127A-62	250	62	520	575
AL127A-78	BE127A-78	280	78	780	860
AL127A-82	BE127A-82	375	82	1300	1430



Wrench, Swedish Type 45°



						
ITEM CODE		SIZE		N.W. (g)		
AL-BR	BE-CU	L(mm)	k _{max} (mm)	AL-BR	BE-CU	
AL128-1002	BE128-1002	430	38	1400	1550	
AL128-1004	BE128-1004	530	50	2000	2230	

Wrench, Swedish Type







ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	D(inch)	AL-BR	BE-CU
AL128A-1002	BE128A-1002	530	2	2355	2605
AL128A-1004	BE128A-1004	650	3	4060	4500
AL128A-1006	BE128A-1004	790	4	5600	6200

Wrench, Swedish Type 90°



					
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Kmax(mm)	AL-BR	BE-CU
AL128B-1002	BE128B-1002	430	38	1330	1480

Wrench, Chain Pipe



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL129-1002	BE129-1002	600	100	3605	3955
AL129-1004	BE129-1004	600	150	4200	4650
AL129-1006	BE129-1006	900	200	7800	8600
AL129-1008	BE129-1008	900	300	9000	9810




Wrench, Light Chain Pipe



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL129A-1002	BE129A-1002	600	100	1910	2105
AL129A-1004	BE129A-1004	1600	450	9500	10500
AL129A-1006	BE129A-1006	300	60	940	1030

Wrench, Belt Pipe



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	L1(mm)	B(mm)	AL-BR	BE-CU
AL129B-1002	BE129B-1002	300	425	30	735	810

Universal Wrench



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	D(mm)	AL-BR	BE-CU
AL129C-1002	BE129C-1002	250	10-30	780	870
AL129C-1004	BE129C-1004	450	30-60	2200	2450

Wrench, Pipe



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL130-1002	BE130-1002	200	25	365	400
AL130-1004	BE130-1004	250	30	560	615
AL130-1006	BE130-1006	300	40	750	825
AL130-1008	BE130-1008	350	50	1000	1100
AL130-1010	BE130-1010	450	60	1625	1785
AL130-1012	BE130-1012	600	75	2960	3255
AL130-1014	BE130-1014	900	125	5490	6035
AL130-1016	BE130-1016	1200	150	10870	12280

Wrench, Pipe(British Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL130B-1002	BE130B-1002	200	25	380	430
AL130B-1004	BE130B-1004	250	30	520	580
AL130B-1006	BE130B-1006	300	40	780	880
AL130B-1008	BE130B-1008	350	50	1080	1250
AL130B-1010	BE130B-1010	450	60	1660	1910
AL130B-1012	BE130B-1012	600	75	2710	3115

Wrench, Pipe(American Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL131-1002	BE131-1002	200	25	380	420
AL131-1004	BE131-1004	250	30	670	735
AL131-1006	BE131-1006	300	40	955	1050
AL131-1008	BE131-1008	350	50	1195	1315
AL131-1010	BE131-1010	450	60	2050	2255
AL131-1012	BE131-1012	600	75	3150	3465
AL131-1014	BE131-1014	900	85	5345	5880
AL131-1016	BE131-1016	1200	110	11450	12600

Wrench, Pipe(Diagonal Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL131B-1002	BE131B-1002	200	34	510	560
AL131B-1004	BE131B-1004	250	48	840	930
AL131B-1006	BE131B-1006	300	50	1330	1470
AL131B-1008	BE131B-1008	375	60	1610	1780
AL131B-1010	BE131B-1010	450	76	2400	2650

Wrench, Pipe (Germany Light Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL130C-1002	BE130C-1002	350	75	1200	1300

Wrench, Pipe(Bent Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL131C-1002	BE131C-1002	200	34	450	500
AL131C-1004	BE131C-1004	250	48	780	850
AL131C-1006	BE131C-1006	300	50	1090	1200
AL131C-1008	BE131C-1008	375	60	1770	1950
AL131C-1010	BE131C-1010	450	76	2480	2730

Wrench, Pipe(Hex Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL131D-1002	BE131D-1002	250	30	1130	1250
AL131D-1004	BE131D-1004	350	50	1620	1785

Wrench, Pipe(Bent & Hex Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Dmax(mm)	AL-BR	BE-CU
AL131E-1002	BE131E-1002	250	30	1130	1250
AL131E-1004	BE131E-1004	350	50	1620	1785

Wrench, Combination



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL135-6	BE135-6	6	105	20	22
AL135-7	BE135-7	7	120	34	37
AL135-8	BE135-8	8	120	34	37
AL135-9	BE135-9	9	135	50	55
AL135-10	BE135-10	10	135	50	55
AL135-11	BE135-11	11	150	75	75
AL135-12	BE135-12	12	150	70	75
AL135-13	BE135-13	13	175	110	122
AL135-14	BE135-14	14	175	110	122
AL135-15	BE135-15	15	195	145	160
AL135-16	BE135-16	16	195	140	155
AL135-17	BE135-17	17	195	140	155
AL135-18	BE135-18	18	215	190	210
AL135-19	BE135-19	19	215	190	210
AL135-20	BE135-20	20	230	200	225
AL135-21	BE135-21	21	230	200	225
AL135-22	BE135-22	22	245	220	250
AL135-23	BE135-23	23	265	233	265
AL135-24	BE135-24	24	265	230	260
AL135-25	BE135-25	25	265	230	260
AL135-26	BE135-26	26	290	380	420
AL135-27	BE135-27	27	290	380	420
AL135-30	BE135-30	30	320	500	560
AL135-32	BE135-32	32	340	600	670
AL135-34	BE135-34	34	360	750	850
AL135-35	BE135-35	35	360	800	890
AL135-36	BE135-36	36	360	800	890
AL135-38	BE135-38	38	395	1150	1200
AL135-41	BE135-41	41	460	1300	1440
AL135-46	BE135-46	46	450	1700	1890
AL135-50	BE135-50	50	520	2000	2220
AL135-55	BE135-55	55	560	2230	2460
AL135-60	BE135-60	60	595	2950	3300
AL135-65	BE135-65	65	595	2900	3250
AL135-70	BE135-70	70	630	4100	4550

Wrench, Combination



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL137-17	BE137-17	17	240	210	230
AL137-19	BE137-19	19	270	250	280
AL137-21	BE137-21	21	290	340	380
AL137-22	BE137-22	22	295	370	440
AL137-24	BE137-24	24	320	390	460
AL137-27	BE137-27	27	350	520	605

Wrench, Combination



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	AL-BR	BE-CU
AL135A-1002	BE135A-1002	1/4	105	20	22
AL135A-1004	BE135A-1004	5/16	120	34	37
AL135A-1006	BE135A-1006	3/8	135	50	55
AL135A-1008	BE135A-1008	7/16	150	70	75
AL135A-1010	BE135A-1010	1/2	175	115	125
AL135A-1012	BE135A-1012	9/16	175	110	122
AL135A-1014	BE135A-1014	19/32	195	145	160
AL135A-1016	BE135A-1016	5/8	195	140	155
AL135A-1018	BE135A-1018	11/16	195	140	155
AL135A-1020	BE135A-1020	3/4	215	190	210
AL135A-1022	BE135A-1022	13/16	230	200	225
AL135A-1024	BE135A-1024	7/8	245	225	250
AL135A-1026	BE135A-1026	15/16	265	230	260
AL135A-1028	BE135A-1028	1	290	380	420
AL135A-1030	BE135A-1030	1-1/16	290	380	420
AL135A-1032	BE135A-1032	1-1/8	320	500	560
AL135A-1034	BE135A-1034	1-3/16	320	500	560
AL135A-1036	BE135A-1036	1-1/4	340	600	670
AL135A-1038	BE135A-1038	1-5/16	360	750	850
AL135A-1040	BE135A-1040	1-3/8	360	800	890



Wrench, Combination Ratchet



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	AL-BR
AL136A-17	BE136A-17	17	220	225	250
AL136A-19	BE136A-19	19	240	280	310
AL136A-22	BE136A-22	22	270	380	420
AL136A-24	BE136A-24	24	290	510	570
AL136A-27	BE136A-27	27	315	675	750
AL136A-30	BE136A-30	30	350	900	1000
AL136A-32	BE136A-32	32	370	1040	1155

Wrench, Bent Open End



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL138-12	BE138-12	12	120	50	55
AL138-14	BE138-14	14	130	80	90
AL138-17	BE138-17	17	150	115	125
AL138-19	BE138-19	19	170	165	180
AL138-22	BE138-22	22	190	230	250
AL138-24	BE138-24	24	210	235	255
AL138-27	BE138-27	27	230	350	380
AL138-30	BE138-30	30	250	450	490
AL138-32	BE138-32	32	270	545	590
AL138-34	BE138-34	34	280	660	720
AL138-36	BE138-36	36	290	780	850
AL138-41	BE138-41	41	310	1005	1090
AL138-46	BE138-46	46	330	1225	1340
AL138-50	BE138-50	50	350	1480	1615
AL138-55	BE138-55	55	370	1955	2135

Wrench, Construction With Pin



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL139-17	BE139-17	17	220	115	125
AL139-19	BE139-19	19	240	145	160
AL139-22	BE139-22	22	260	190	210
AL139-24	BE139-24	24	280	240	265
AL139-27	BE139-27	27	300	315	350
AL139-30	BE139-30	30	320	405	445
AL139-32	BE139-32	32	340	480	530
AL139-36	BE139-36	36	360	650	720
AL139-41	BE139-41	41	380	910	1010
AL139-46	BE139-46	46	400	1010	1115
AL139-50	BE139-50	50	420	1055	1165
AL139-55	BE139-55	55	450	1345	1485
AL139-60	BE139-60	60	480	1825	2015

Wrench, Single Open End



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL140-8	BE140-8	8	95	35	40
AL140-10	BE140-10	10	105	45	50
AL140-12	BE140-12	12	125	60	65
AL140-14	BE140-14	14	140	85	95
AL140-17	BE140-17	17	160	95	105
AL140-19	BE140-19	19	170	115	130
AL140-22	BE140-22	22	195	152	170
AL140-24	BE140-24	24	220	170	190
AL140-27	BE140-27	27	240	260	285
AL140-30	BE140-30	30	260	290	320
AL140-32	BE140-32	32	275	365	400
AL140-34	BE140-34	34	290	410	455
AL140-36	BE140-36	36	310	480	530
AL140-41	BE140-41	41	345	555	615
AL140-46	BE140-46	46	375	860	950
AL140-50	BE140-50	50	410	950	1080
AL140-55	BE140-55	55	450	1200	1380
AL140-60	BE140-60	60	490	1700	1950
AL140-65	BE140-65	65	530	2000	2250
AL140-70	BE140-70	70	570	2550	2850
AL140-75	BE140-75	75	610	2800	3200

Crow Foot Open End



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	S(inch)	L(mm)	AL-BR	BE-CU
AL140A-1002	BE140A-1002	3/8	9/16	35	50	55
AL140A-1004	BE140A-1004	3/8	5/8	37	50	55
AL140A-1006	BE140A-1006	3/8	11/16	38	50	55
AL140A-1008	BE140A-1008	3/8	7/8	43	55	60
AL140A-1010	BE140A-1010	3/8	1-1/8	50	75	83
AL140A-1012	BE140A-1012	3/8	1-1/4	53	85	95
AL140A-1014	BE140A-1014	3/8	1-3/8	56	90	103
AL140A-1016	BE140A-1016	3/8	1-1/2	59	120	130
AL140A-1018	BE140A-1018	3/8	1-7/8	72	160	180
AL140A-1020	BE140A-1020	3/8	2	75	165	190
AL140A-1022	BE140A-1022	3/8	2-1/4	81	180	200
AL140A-1024	BE140A-1024	1/2	14	40	55	30
AL140A-1026	BE140A-1026	1/2	16	43	58	32
AL140A-1028	BE140A-1028	1/2	17	43	58	32
AL140A-1030	BE140A-1030	1/2	19	49	95	105
AL140A-1032	BE140A-1032	1/2	20	49	95	105
AL140A-1034	BE140A-1034	1/2	22	52	102	120
AL140A-1036	BE140A-1036	1/2	27	59	125	145

Wrench, Construction, Offset Type With Pin



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL140B-17	BE140B-17	17	320	195	210
AL140B-19	BE140B-19	19	350	290	320
AL140B-22	BE140B-22	22	350	390	430
AL140B-24	BE140B-24	24	370	430	480
AL140B-27	BE140B-27	27	370	580	640
AL140B-30	BE140B-30	30	400	720	800
AL140B-32	BE140B-32	32	400	720	800
AL140B-36	BE140B-36	36	430	860	950
AL140B-41	BE140B-41	41	470	1150	1270
AL140B-46	BE140B-46	46	500	1445	1600
AL140B-50	BE140B-50	50	530	1700	1885
AL140B-55	BE140B-55	55	560	1950	2160

T-Handle Wrench



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	K(mm)	L(mm)	AL-BR	BE-CU
AL140C-8	BE140C-8	8	5	215	120	135
AL140C-10	BE140C-10	10	6	215	125	140
AL140C-12	BE140C-12	12	8	215	130	145
AL140C-14	BE140C-14	14	10	215	135	150

Rectangular Open End



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	H*B(mm)	S(mm)	AL-BR	BE-CU
AL140E-1002	BE140E-1002	9*12	7	40	45
AL140E-1004	BE140E-1004	9*12	8	39	44
AL140E-1006	BE140E-1006	9*12	9	38	43
AL140E-1008	BE140E-1008	9*12	10	42	48
AL140E-1010	BE140E-1010	9*12	12	43	50
AL140E-1012	BE140E-1012	9*12	13	52	60
AL140E-1014	BE140E-1014	9*12	14	52	60
AL140E-1016	BE140E-1016	9*12	17	60	70
AL140E-1018	BE140E-1018	9*12	19	74	85
AL140E-1020	BE140E-1020	14*18	13	129	145
AL140E-1022	BE140E-1022	14*18	14	129	145
AL140E-1024	BE140E-1024	14*18	17	136	150
AL140E-1026	BE140E-1026	14*18	19	147	165
AL140E-1028	BE140E-1028	14*18	22	165	183
AL140E-1030	BE140E-1030	14*18	24	167	185
AL140E-1032	BE140E-1032	14*18	27	219	245
AL140E-1034	BE140E-1034	14*18	30	245	270
AL140E-1036	BE140E-1036	14*18	32	246	275
AL140E-1038	BE140E-1038	14*18	36	275	305
AL140E-1040	BE140E-1040	14*18	38	265	295
AL140E-1042	BE140E-1042	14*18	41	307	340

Wrench, Striking Open



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL141-17	BE141-17	17	125	135	150
AL141-19	BE141-19	19	125	135	150
AL141-22	BE141-22	22	135	175	195
AL141-24	BE141-24	24	150	220	245
AL141-27	BE141-27	27	175	350	385
AL141-30	BE141-30	30	190	420	465
AL141-32	BE141-32	32	190	460	515
AL141-36	BE141-36	36	210	615	675
AL141-41	BE141-41	41	230	860	955
AL141-46	BE141-46	46	250	1100	1225
AL141-50	BE141-50	50	275	1420	1530
AL141-55	BE141-55	55	305	1830	2025
AL141-60	BE141-60	60	315	2120	2345
AL141-65	BE141-65	65	335	2780	3060
AL141-70	BE141-70	70	370	3660	4030
AL141-75	BE141-75	75	375	4030	4660
AL141-80	BE141-80	80	400	5130	5650
AL141-85	BE141-85	85	400	5400	6000
AL141-90	BE141-90	90	445	7050	7800
AL141-95	BE141-95	95	445	7000	7730
AL141-100	BE141-100	100	485	10500	11600
AL141-110	BE141-110	110	513	12000	13500

Wrench, Bent Striking Open



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL141B-17	BE141B-17	17	140	140	155
AL141B-19	BE141B-19	19	140	140	155
AL141B-22	BE141B-22	22	150	170	190
AL141B-24	BE141B-24	24	150	220	245
AL141B-27	BE141B-27	27	175	380	420
AL141B-30	BE141B-30	30	190	440	480
AL141B-32	BE141B-32	32	190	440	480
AL141B-34	BE141B-34	34	210	620	680
AL141B-36	BE141B-36	36	210	620	680
AL141B-38	BE141B-38	38	230	800	980
AL141B-41	BE141B-41	41	230	860	950
AL141B-46	BE141B-46	46	250	1150	1270
AL141B-50	BE141B-50	50	275	1250	1380
AL141B-55	BE141B-55	55	305	1620	1780
AL141B-60	BE141B-60	60	315	2350	2560
AL141B-65	BE141B-65	65	335	2750	3000

Wrench, Double Open End



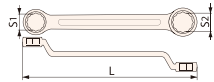
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL146A-1002	BE146A-1002	14*17	160	100	110
AL146A-1004	BE146A-1004	17*19	180	110	120
AL146A-1006	BE146A-1006	19*22	200	140	160
AL146A-1008	BE146A-1008	19*24	220	160	180
AL146A-1010	BE146A-1010	22*24	230	220	240
AL146A-1012	BE146A-1012	24*27	255	305	340
AL146A-1014	BE146A-1014	27*30	280	380	420
AL146A-1016	BE146A-1016	30*32	300	480	530
AL146A-1018	BE146A-1018	32*36	320	570	635
AL146A-1020	BE146A-1020	34*36	330	670	740
AL146A-1022	BE146A-1022	36*41	350	810	900
AL146A-1024	BE146A-1024	41*46	380	955	1060
AL146A-1026	BE146A-1026	46*50	420	1190	1310
AL146A-1028	BE146A-1028	50*55	460	1720	1900
AL146A-1030	BE146A-1030	55*60	500	2530	2800

Wrench, Double Open End



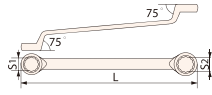
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Sr*Sa(mm)	L(mm)	AL-BR	BE-CU
AL146-0507	BE146-0507	5.5*7	90	20	23
AL146-0607	BE146-0607	6*7	92	22	25
AL146-0709	BE146-0709	7*9	96	25	28
AL146-0810	BE146-0810	8*10	100	31	34
AL146-0911	BE146-0911	9*11	110	45	50
AL146-1011	BE146-1011	10*11	115	47	52
AL146-1012	BE146-1012	10*12	120	55	60
AL146-1014	BE146-1014	10*14	124	62	68
AL146-1213	BE146-1213	12*13	128	67	73
AL146-1214	BE146-1214	12*14	130	69	75
AL146-1317	BE146-1317	13*17	150	110	120
AL146-1415	BE146-1415	14*15	143	105	125
AL146-1417	BE146-1417	14*17	150	110	120
AL146-1617	BE146-1617	16*17	157	120	130
AL146-1618	BE146-1618	16*18	163	130	145
AL146-1719	BE146-1719	17*19	170	135	150
AL146-1721	BE146-1721	17*21	173	165	185
AL146-1819	BE146-1819	18*19	175	180	200
AL146-1921	BE146-1921	19*21	182	190	210
AL146-1922	BE146-1922	19*22	185	200	220
AL146-1924	BE146-1924	19*24	190	210	235
AL146-2022	BE146-2022	20*22	195	225	250
AL146-2123	BE146-2123	21*23	200	235	270
AL146-2126	BE146-2126	21*26	205	245	275
AL146-2224	BE146-2224	22*24	210	285	312
AL146-2227	BE146-2227	22*27	215	292	320
AL146-2326	BE146-2326	23*26	220	302	330
AL146-2427	BE146-2427	24*27	230	310	345
AL146-2430	BE146-2430	24*30	233	330	365
AL146-2528	BE146-2528	25*28	236	330	365
AL146-2632	BE146-2632	26*32	243	420	465
AL146-2730	BE146-2730	27*30	250	430	485
AL146-2732	BE146-2732	27*32	255	549	600
AL146-3032	BE146-3032	30*32	265	540	610
AL146-3036	BE146-3036	30*36	270	730	825
AL146-3234	BE146-3234	32*34	270	730	825
AL146-3236	BE146-3236	32*36	300	800	885
AL146-3436	BE146-3436	34*36	300	800	885
AL146-3638	BE146-3638	36*38	330	1210	1350
AL146-3641	BE146-3641	36*41	330	1210	1350
AL146-3840	BE146-3840	38*40	330	1210	1350
AL146-4146	BE146-4146	41*46	360	1530	1690
AL146-4650	BE146-4650	46*50	370	1850	2050
AL146-5055	BE146-5055	50*55	385	1950	2160
AL146-5060	BE146-5060	50*60	400	2275	2488
AL146-5560	BE146-5560	55*60	415	2450	2700
AL146-6065	BE146-6065	60*65	435	3600	3955

Wrench, Double Box Offset



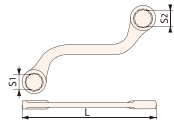
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S* \bar{S} (mm)	L(mm)	AL-BR	BE-CU
AL151-0507	BE151-0507	5*7	115	20	22
AL151-0607	BE151-0607	6*7	115	23	25
AL151-0709	BE151-0709	7*9	130	46	50
AL151-0810	BE151-0810	8*10	130	50	55
AL151-0911	BE151-0911	9*11	140	65	70
AL151-1011	BE151-1011	10*11	140	75	80
AL151-1012	BE151-1012	10*12	140	78	85
AL151-1213	BE151-1213	12*13	160	110	120
AL151-1214	BE151-1214	12*14	160	140	151
AL151-1417	BE151-1417	14*17	220	180	205
AL151-1618	BE151-1618	16*18	220	202	220
AL151-1719	BE151-1719	17*19	250	205	225
AL151-1722	BE151-1722	17*22	250	265	290
AL151-1819	BE151-1819	18*19	250	270	295
AL151-1922	BE151-1922	19*22	280	280	310
AL151-1924	BE151-1924	19*24	310	320	255
AL151-2123	BE151-2123	21*23	285	360	405
AL151-2126	BE151-2126	21*26	320	410	450
AL151-2224	BE151-2224	22*24	310	415	455
AL151-2427	BE151-2427	24*27	340	475	520
AL151-2430	BE151-2430	24*30	350	501	550
AL151-2528	BE151-2528	25*28	350	530	580
AL151-2632	BE151-2632	26*32	370	570	640
AL151-2730	BE151-2730	27*30	360	645	705
AL151-3032	BE151-3032	30*32	380	736	805
AL151-3036	BE151-3036	30*36	405	1030	1145
AL151-3234	BE151-3234	32*34	400	980	1080
AL151-3236	BE151-3236	32*36	405	1030	1145
AL151-3436	BE151-3436	34*36	420	1065	1165
AL151-3641	BE151-3641	36*41	445	1465	1600
AL151-4146	BE151-4146	41*46	470	1905	2077
AL151-4650	BE151-4650	46*50	490	2315	2560
AL151-5055	BE151-5055	50*55	510	2360	2580
AL151-5060	BE151-5060	50*60	520	2745	3002
AL151-5560	BE151-5560	55*60	530	2905	3203
AL151-6070	BE151-6070	60*70	560	3605	4105

Wrench, Double Box Offset



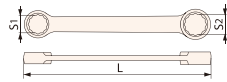
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S* \bar{S} (mm)	L(mm)	AL-BR	BE-CU
AL151A-1719	BE151A-1719	17*19	280	160	180
AL151A-1922	BE151A-1922	19*22	300	190	210
AL151A-1924	BE151A-1924	19*24	320	290	320
AL151A-2123	BE151A-2123	21*23	320	335	370
AL151A-2224	BE151A-2224	22*24	330	380	420
AL151A-2427	BE151A-2427	24*27	340	430	480
AL151A-2730	BE151A-2730	27*30	350	480	530
AL151A-3032	BE151A-3032	30*32	370	620	690
AL151A-3236	BE151A-3236	32*36	430	910	1000
AL151A-3641	BE151A-3641	36*41	470	1150	1270
AL151A-4146	BE151A-4146	41*46	500	1430	1580
AL151A-4650	BE151A-4650	46*50	525	1720	1900
AL151A-5055	BE151A-5055	50*55	550	2580	2850

Wrench, Double Box S Type



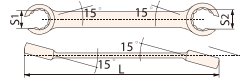
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S* \bar{S} (mm)	L(mm)	AL-BR	BE-CU
AL152A-0607	BE152A-0607	6*7	90	40	45
AL152A-0709	BE152A-0709	7*9	90	50	55
AL152A-0810	BE152A-0810	8*10	100	70	80
AL152A-0911	BE152A-0911	9*11	100	80	90
AL152A-1012	BE152A-1012	10*12	110	110	125
AL152A-1214	BE152A-1214	12*14	125	140	160
AL152A-1417	BE152A-1417	14*17	140	200	230
AL152A-1719	BE152A-1719	17*19	170	270	310
AL152A-1922	BE152A-1922	19*22	185	370	420
AL152A-1924	BE152A-1924	19*24	185	400	450
AL152A-2123	BE152A-2123	21*23	185	430	490
AL152A-2126	BE152A-2126	21*26	185	435	500
AL152A-2224	BE152A-2224	22*24	210	600	670
AL152A-2326	BE152A-2326	23*26	210	600	670
AL152A-2427	BE152A-2427	24*27	225	640	720
AL152A-2430	BE152A-2430	24*30	225	650	740
AL152A-2528	BE152A-2528	25*28	225	670	750
AL152A-2730	BE152A-2730	27*30	250	780	870
AL152A-3032	BE152A-3032	30*32	275	980	1100

Wrench, Double Flat Box



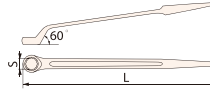
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S* \bar{S} (mm)	L(mm)	AL-BR	BE-CU
AL153A-0810	BE153A-0810	8*10	115	29	32
AL153A-0911	BE153A-0911	9*11	125	34	37
AL153A-1012	BE153A-1012	10*12	140	48	55
AL153A-1214	BE153A-1214	12*14	145	62	70
AL153A-1417	BE153A-1417	14*17	165	90	100
AL153A-1719	BE153A-1719	17*19	185	120	132
AL153A-1922	BE153A-1922	19*22	200	165	180
AL153A-2224	BE153A-2224	22*24	220	215	240
AL153A-2427	BE153A-2427	24*27	255	280	320
AL153A-2730	BE153A-2730	27*30	280	340	385
AL153A-3032	BE153A-3032	30*32	295	415	465
AL153A-3236	BE153A-3236	32*36	330	545	600
AL153A-3641	BE153A-3641	36*41	365	845	935

Flare Nut Open Ring Wrench



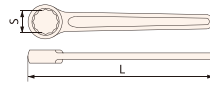
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S* \bar{S} (mm)	L(mm)	AL-BR	BE-CU
AL153B-0607	BE153B-0607	6*7	95	15	17
AL153B-0810	BE153B-0810	8*10	115	29	32
AL153B-0911	BE153B-0911	9*11	125	34	37
AL153B-1012	BE153B-1012	10*12	140	48	55
AL153B-1214	BE153B-1214	12*14	145	62	70
AL153B-1415	BE153B-1415	14*15	155	80	90
AL153B-1417	BE153B-1417	14*17	165	90	100
AL153B-1618	BE153B-1618	16*18	170	115	127
AL153B-1719	BE153B-1719	17*19	185	120	132
AL153B-1922	BE153B-1922	19*22	200	165	180
AL153B-2224	BE153B-2224	22*24	220	215	240
AL153B-2427	BE153B-2427	24*27	255	288	320
AL153B-2430	BE153B-2430	24*30	270	340	375
AL153B-2528	BE153B-2528	25*28	265	345	380
AL153B-2730	BE153B-2730	27*30	280	389	430
AL153B-3032	BE153B-3032	30*32	295	450	498
AL153B-3034	BE153B-3034	30*34	310	535	588
AL153B-3036	BE153B-3036	30*36	330	595	657
AL153B-3436	BE153B-3436	34*36	345	685	758
AL153B-3641	BE153B-3641	36*41	365	845	935

Wrench, Construction



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL154-10	BE154-10	10	230	85	90
AL154-12	BE154-12	12	250	105	110
AL154-14	BE154-14	14	270	130	145
AL154-17	BE154-17	17	310	180	200
AL154-19	BE154-19	19	330	225	250
AL154-22	BE154-22	22	350	290	320
AL154-24	BE154-24	24	370	360	400
AL154-27	BE154-27	27	400	450	500
AL154-30	BE154-30	30	430	630	700
AL154-32	BE154-32	32	430	600	660
AL154-36	BE154-36	36	460	800	900
AL154-41	BE154-41	41	490	990	1090
AL154-46	BE154-46	46	520	1420	1560
AL154-50	BE154-50	50	540	1550	1700
AL154-55	BE154-55	55	560	1850	2050
AL154-60	BE154-60	60	610	2550	2820

Wrench, Single Box



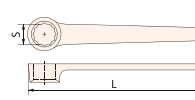
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL156- 8	BE156- 8	8	110	35	40
AL156-10	BE156-10	10	120	45	50
AL156-12	BE156-12	12	130	60	65
AL156-14	BE156-14	14	140	80	90
AL156-17	BE156-17	17	155	90	105
AL156-19	BE156-19	19	170	95	130
AL156-22	BE156-22	22	190	150	175
AL156-24	BE156-24	24	215	200	220
AL156-27	BE156-27	27	230	245	270
AL156-30	BE156-30	30	255	335	370
AL156-32	BE156-32	32	265	385	425
AL156-36	BE156-36	36	295	500	550
AL156-41	BE156-41	41	330	750	825
AL156-46	BE156-46	46	365	1010	1120
AL156-50	BE156-50	50	400	1150	1270
AL156-55	BE156-55	55	445	1440	1590
AL156-60	BE156-60	60	474	1680	1850
AL156-65	BE156-65	65	510	1875	2030
AL156-70	BE156-70	70	555	2300	2530
AL156-75	BE156-75	75	590	2450	2700

Wrench, Construction



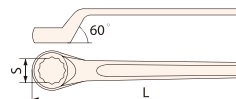
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL155-8	BE155-8	8	140	55	60
AL155-10	BE155-10	10	150	64	70
AL155-11	BE155-11	11	160	73	80
AL155-12	BE155-12	12	170	83	90
AL155-13	BE155-13	13	180	90	102
AL155-14	BE155-14	14	190	102	115
AL155-15	BE155-15	15	200	110	125
AL155-16	BE155-16	16	210	122	130
AL155-17	BE155-17	17	220	145	165
AL155-18	BE155-18	18	230	165	180
AL155-19	BE155-19	19	240	195	230
AL155-20	BE155-20	20	250	220	242
AL155-21	BE155-21	21	260	230	251
AL155-22	BE155-22	22	270	271	303
AL155-23	BE155-23	23	280	302	330
AL155-24	BE155-24	24	290	330	361
AL155-27	BE155-27	27	320	430	472
AL155-30	BE155-30	30	350	585	650
AL155-32	BE155-32	32	370	620	680
AL155-34	BE155-34	34	380	730	803
AL155-36	BE155-36	36	390	850	950
AL155-38	BE155-38	38	400	880	1005
AL155-41	BE155-41	41	410	1025	1430
AL155-46	BE155-46	46	420	1310	1460
AL155-50	BE155-50	50	430	1420	1580
AL155-55	BE155-55	55	440	1690	1870
AL155-60	BE155-60	60	460	2095	2330
AL155-65	BE155-65	65	480	2535	2802
AL155-70	BE155-70	70	500	2845	3150

Wrench, Single Box Convex



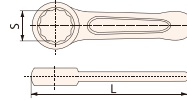
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL159-10	BE159-10	10	110	65	75
AL159-12	BE159-12	12	120	102	115
AL159-14	BE159-14	14	130	120	135
AL159-17	BE159-17	17	150	130	145
AL159-19	BE159-19	19	170	160	185
AL159-22	BE159-22	22	190	215	240
AL159-24	BE159-24	24	210	290	320
AL159-27	BE159-27	27	230	370	401
AL159-30	BE159-30	30	250	475	520
AL159-32	BE159-32	32	270	595	650
AL159-34	BE159-34	34	280	715	780
AL159-36	BE159-36	36	290	730	802

Wrench, Single Box Offset



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL159A-22	BE159A-22	22	190	165	185
AL159A-24	BE159A-24	24	215	210	235
AL159A-27	BE159A-27	27	230	270	310
AL159A-30	BE159A-30	30	255	380	430
AL159A-32	BE159A-32	32	265	400	450
AL159A-36	BE159A-36	36	295	540	610
AL159A-41	BE159A-41	41	330	770	855
AL159A-46	BE159A-46	46	365	900	1000
AL159A-50	BE159A-50	50	400	1200	1350
AL159A-55	BE159A-55	55	445	1800	2000
AL159A-60	BE159A-60	60	474	2050	2260
AL159A-65	BE159A-65	65	510	2500	2800
AL159A-70	BE159A-70	70	555	2900	3250
AL159A-75	BE159A-75	75	590	3090	3450

Wrench, Striking Box



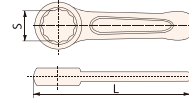
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL160-17	BE160-17	17	145	125	140
AL160-19	BE160-19	19	145	125	140
AL160-22	BE160-22	22	155	160	180
AL160-24	BE160-24	24	165	220	250
AL160-27	BE160-27	27	175	315	350
AL160-30	BE160-30	30	185	430	475
AL160-32	BE160-32	32	185	450	490
AL160-34	BE160-34	34	200	490	540
AL160-36	BE160-36	36	205	520	580
AL160-38	BE160-38	38	215	620	680
AL160-41	BE160-41	41	225	680	755
AL160-46	BE160-46	46	235	890	990
AL160-50	BE160-50	50	250	1030	1145
AL160-55	BE160-55	55	265	1300	1440
AL160-60	BE160-60	60	274	1450	1620
AL160-65	BE160-65	65	298	1800	1995
AL160-70	BE160-70	70	320	2200	2435
AL160-75	BE160-75	75	326	2720	3010
AL160-80	BE160-80	80	350	3250	3600
AL160-85	BE160-85	85	355	3915	4330
AL160-90	BE160-90	90	380	4700	5200
AL160-95	BE160-95	95	390	4920	5450
AL160-100	BE160-100	100	410	6100	6750
AL160-105	BE160-105	105	420	6320	7000
AL160-110	BE160-110	110	445	7250	8000
AL160-120	BE160-120	120	480	9930	11000
AL160-130	BE160-130	130	520	11400	12610
AL160-140	BE160-140	140	520	11750	13000
AL160-150	BE160-150	150	565	13100	14500

Safety Handrail for Striking Wrench



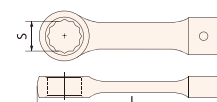
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL160B-1002	BE160B-1002	17-50	500	1000	1100
AL160B-1004	BE160B-1004	50-100	610	1300	1430
AL160B-1006	BE160B-1006	100-150	650	1500	1650

Wrench, Striking Box



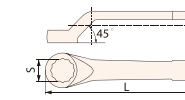
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	AL-BR	BE-CU
AL161-1002	BE161-1002	11/16	145	190	210
AL161-1004	BE161-1004	3/4	145	180	200
AL161-1006	BE161-1006	7/8	155	220	245
AL161-1008	BE161-1008	1	175	315	350
AL161-1010	BE161-1010	1-1/16	175	315	350
AL161-1012	BE161-1012	1-1/8	185	410	455
AL161-1014	BE161-1014	1-3/16	185	430	475
AL161-1016	BE161-1016	1-1/4	185	425	470
AL161-1018	BE161-1018	1-3/8	200	500	560
AL161-1020	BE161-1020	1-1/2	215	710	790
AL161-1022	BE161-1022	1-5/8	225	680	755
AL161-1024	BE161-1024	1-3/4	235	920	1020
AL161-1026	BE161-1026	1-13/16	235	890	990
AL161-1028	BE161-1028	2	250	1030	1145

Wrench, Striking Box



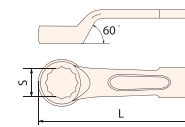
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL162-32	BE162-32	32	180	710	790
AL162-36	BE162-36	36	190	900	990
AL162-41	BE162-41	41	200	1300	1450
AL162-46	BE162-46	46	210	1600	1770
AL162-50	BE162-50	50	230	1730	1930
AL162-55	BE162-55	55	260	3060	3400
AL162-60	BE162-60	60	290	3800	4200
AL162-65	BE162-65	65	320	4900	5430
AL162-70	BE162-70	70	350	5850	6480
AL162-75	BE162-75	75	380	7130	7890
AL162-80	BE162-80	80	410	9350	10350

Wrench, Offset Striking Box



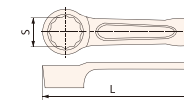
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL162A-27	BE162A-27	27	245	600	670
AL162A-30	BE162A-30	30	270	870	970
AL162A-32	BE162A-32	32	270	870	970
AL162A-36	BE162A-36	36	280	950	1060
AL162A-41	BE162A-41	41	305	1280	1430
AL162A-46	BE162A-46	46	310	1640	1830
AL162A-50	BE162A-50	50	320	1890	2100
AL162A-55	BE162A-55	55	320	2110	2350
AL162A-60	BE162A-60	60	355	2640	2900
AL162A-65	BE162A-65	65	380	3120	3470
AL162A-70	BE162A-70	70	400	3640	4050
AL162A-75	BE162A-75	75	420	4180	4350
AL162A-80	BE162A-80	80	435	4950	5500
AL162A-85	BE162A-85	85	440	5850	6500
AL162A-90	BE162A-90	90	445	6320	6820
AL162A-95	BE162A-95	95	450	7000	7880
AL162A-100	BE162A-100	100	455	7130	7900
AL162A-110	BE162A-110	110	460	7590	8400
AL162A-120	BE162A-120	120	470	8040	8900

Wrench, Offset Striking Box



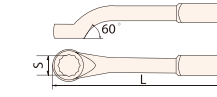
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL162B-24	BE162B-24	24	160	335	370
AL162B-27	BE162B-27	27	180	430	475
AL162B-30	BE162B-30	30	200	555	615
AL162B-32	BE162B-32	32	200	555	615
AL162B-36	BE162B-36	36	220	745	825
AL162B-41	BE162B-41	41	240	860	950
AL162B-46	BE162B-46	46	250	1200	1330
AL162B-50	BE162B-50	50	270	1450	1650
AL162B-55	BE162B-55	55	295	1800	2000
AL162B-60	BE162B-60	60	317	2200	2430
AL162B-65	BE162B-65	65	330	2490	2750
AL162B-70	BE162B-70	70	350	3060	3385
AL162B-75	BE162B-75	75	370	4205	4655
AL162B-80	BE162B-80	80	385	4540	5020

Wrench, Striking Convex Box



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL163-22	BE163-22	22	165	300	330
AL163-24	BE163-24	24	165	300	330
AL163-27	BE163-27	27	175	335	370
AL163-30	BE163-30	30	185	480	530
AL163-32	BE163-32	32	185	430	475
AL163-36	BE163-36	36	210	670	740
AL163-41	BE163-41	41	227	860	950
AL163-46	BE163-46	46	245	1145	1270
AL163-50	BE163-50	50	257	1435	1590
AL163-55	BE163-55	55	267	1625	1800
AL163-60	BE163-60	60	278	1910	2115
AL163-65	BE163-65	65	298	2340	2580
AL163-70	BE163-70	70	320	2680	2960
AL163-75	BE163-75	75	326	3000	3350

Offset Slogging Box Wrench(American Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL163A-24	BE163A-24	24	240	860	950
AL163A-27	BE163A-27	27	270	1035	1150
AL163A-30	BE163A-30	30	280	1340	1480
AL163A-32	BE163A-32	32	290	1530	1690
AL163A-36	BE163A-36	36	300	1720	1900
AL163A-41	BE163A-41	41	320	1910	2110
AL163A-46	BE163A-46	46	340	2485	2750



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(mm)	S(mm)	L(mm)	AL-BR	BE-CU
AL164B-1002	BE164B-1002	3/8	7/16	29	30	35
AL164B-1004	BE164B-1004	3/8	1/2	31	35	40
AL164B-1006	BE164B-1006	3/8	9/16	33	40	45
AL164B-1008	BE164B-1008	3/8	5/8	38	45	50
AL164B-1010	BE164B-1010	3/8	11/16	41	50	55
AL164B-1012	BE164B-1012	3/8	3/4	43	50	55
AL164B-1014	BE164B-1014	1/2	7/8	48	70	80
AL164B-1016	BE164B-1016	1/2	1	52	75	85
AL164B-1018	BE164B-1018	1/2	1-1/16	54	80	90
AL164B-1020	BE164B-1020	1/2	1-1/8	56	90	100
AL164B-1022	BE164B-1022	1/2	1-1/4	62	130	145
AL164B-1024	BE164B-1024	1/2	1-5/16	66	150	170
AL164B-1026	BE164B-1026	1/2	1-1/2	72	170	190
AL164B-1028	BE164B-1028	1/2	1-5/8	76	180	210
AL164B-1030	BE164B-1030	1/2	2	89	200	230

Extension for Ring Wrench

ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Φ(mm)	L(mm)	AL-BR	BE-CU
AL24-30	BE24-30	19	460	850	940
AL32-41	BE32-41	22	610	1480	1640
AL46-55	BE46-55	25	760	2240	2480
AL60-80	BE60-80	30	860	3515	3890

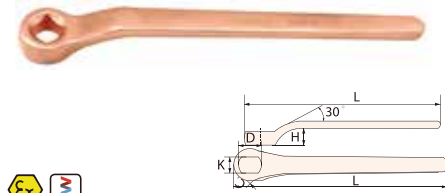
Valve Square Driver



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	D(mm)	K(mm)	L(mm)	AL-BR	BE-CU
AL165A-15	BE165A-15	12	8	140	65	70
AL165A-20	BE165A-20	14	9	140	65	70
AL165A-25	BE165A-25	16	10	160	105	115
AL165A-32	BE165A-32	17	11	200	170	185
AL165A-40	BE165A-40	18	12	200	170	185
AL165A-45	BE165A-45	20	14	230	235	260
AL165A-50	BE165A-50	23	15	250	295	325
AL165A-65	BE165A-65	24	16	300	400	440
AL165A-80	BE165A-80	25	17	350	545	600
AL165A-100	BE165A-100	28	18	350	570	625
AL165A-125	BE165A-125	32	22	400	930	1020
AL165A-150	BE165A-150	36	24	500	1350	1490
AL165A-200	BE165A-200	38	26	600	1950	2150
AL165A-250	BE165A-250	42	28	600	2200	2420

WE THE CRAFTSMEN DO SAFETY FIRST



Valve Square Driver



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL165-6	BE165-6	6	110	9	55	65
AL165-8	BE165-8	8	120	10	61	75
AL165-9	BE165-9	9	140	11	75	90
AL165-10	BE165-10	10	140	12	85	105
AL165-11	BE165-11	11	160	13	102	130
AL165-12	BE165-12	12	190	14	145	180
AL165-13	BE165-13	13	200	15	151	185
AL165-14	BE165-14	14	250	16	261	300
AL165-16	BE165-16	16	250	18	285	335
AL165-17	BE165-17	17	300	19	366	420
AL165-19	BE165-19	19	350	20	662	740
AL165-22	BE165-22	22	400	22	896	1000

Split Ball Valve Wrench





ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	D(mm)	K(mm)	AL-BR	BE-CU
AL165B-65	BE165B-65	24	16	750	825
AL165B-80	BE165B-80	25	17	950	1045
AL165B-100	BE165B-100	28	18	1000	1100
AL165B-125	BE165B-125	32	22	1250	1380
AL165B-150	BE165B-150	36	24	1450	1600
AL165B-200	BE165B-200	38	26	1800	2000
AL165B-250	BE165B-250	42	28	2250	3500

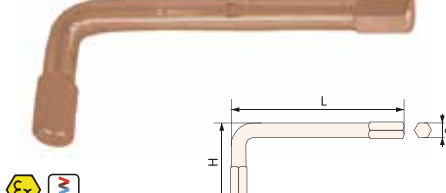
Fire Hydrant Wrench



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size(mm)	L(mm)	AL-BR	BE-CU
AL165C-1002	BE165C-1002	55	380	1250	1390

Wrench, Hex Key



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL166-1.5	BE166-1.5	1.5	59	25	6	8
AL166-2	BE166-2	2	59	25	6	8
AL166-2.5	BE166-2.5	2.5	59	25	6	8
AL166-3	BE166-3	3	59	25	7	8
AL166-4	BE166-4	4	65	30	8	10
AL166-5	BE166-5	5	79	32	12	16
AL166-6	BE166-6	6	85	37	20	25
AL166-7	BE166-7	7	88	43	30	34
AL166-8	BE166-8	8	92	44	45	50
AL166-9	BE166-9	9	97	44	55	61
AL166-10	BE166-10	10	110	45	70	82
AL166-11	BE166-11	11	119	48	90	100
AL166-12	BE166-12	12	130	52	130	145
AL166-13	BE166-13	13	140	54	160	180
AL166-14	BE166-14	14	150	58	191	211
AL166-15	BE166-15	15	156	60	230	260
AL166-16	BE166-16	16	162	63	270	300
AL166-17	BE166-17	17	168	65	335	370
AL166-18	BE166-18	18	173	69	402	450
AL166-19	BE166-19	19	177	72	445	490
AL166-21	BE166-21	21	184	74	595	652
AL166-22	BE166-22	22	186	77	615	675
AL166-24	BE166-24	24	192	82	755	825
AL166-25	BE166-25	25	200	84	840	925
AL166-26	BE166-26	26	206	90	940	1025
AL166-27	BE166-27	27	213	93	1115	1220
AL166-28	BE166-28	28	222	95	1235	1350
AL166-30	BE166-30	30	240	105	1475	1615
AL166-32	BE166-32	32	266	116	1885	2065
AL166-36	BE166-36	36	294	128	2650	2905
AL166-41	BE166-41	41	320	140	3760	4120



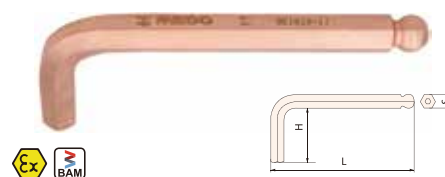
WE THE CRAFTSMEN DO SAFETY FIRST

Wrench, Hex Key



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(inch)	L(mm)	H(mm)	AL-BR	BE-CU
AL167-1002	BE167-1002	1/16	59	25	6	8
AL167-1004	BE167-1004	5/64	59	25	6	8
AL167-1006	BE167-1006	3/32	59	25	6	8
AL167-1008	BE167-1008	7/64	59	25	6	8
AL167-1010	BE167-1010	1/8	59	25	6	8
AL167-1012	BE167-1012	9/64	64	29	7	8
AL167-1014	BE167-1014	5/32	65	30	9	10
AL167-1016	BE167-1016	3/16	79	31	14	15
AL167-1018	BE167-1018	7/32	85	37	18	20
AL167-1020	BE167-1020	1/4	85	37	27	30
AL167-1022	BE167-1022	9/32	88	43	40	45
AL167-1024	BE167-1024	5/16	92	44	44	48
AL167-1026	BE167-1026	11/32	97	44	45	50
AL167-1028	BE167-1028	3/8	110	45	80	85
AL167-1030	BE167-1030	7/16	119	48	100	110
AL167-1032	BE167-1032	1/2	140	55	155	170
AL167-1034	BE167-1034	9/16	150	58	180	195
AL167-1036	BE167-1036	5/8	162	63	245	270
AL167-1038	BE167-1038	11/16	168	65	325	355
AL167-1040	BE167-1040	3/4	178	73	415	450
AL167-1042	BE167-1042	13/16	184	77	520	565
AL167-1044	BE167-1044	7/8	187	79	595	650
AL167-1046	BE167-1046	15/16	192	82	755	825
AL167-1048	BE167-1048	1	200	85	840	925
AL167-1050	BE167-1050	1-1/16	213	93	1115	1220

Wrench, Hex Key With Ball



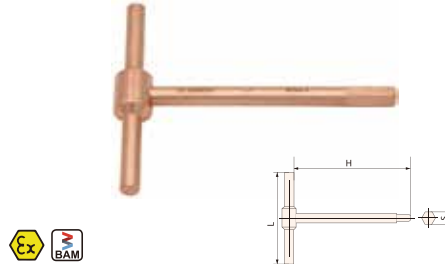
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL167A-2	BE167A-2	2	50	16	2	3
AL167A-3	BE167A-3	3	63	20	4	5
AL167A-4	BE167A-4	4	70	25	11	12
AL167A-5	BE167A-5	5	80	28	20	22
AL167A-6	BE167A-6	6	90	32	27	30
AL167A-7	BE167A-7	7	95	34	45	50
AL167A-8	BE167A-8	8	100	36	51	56
AL167A-9	BE167A-9	9	106	38	76	85
AL167A-10	BE167A-10	10	112	40	90	100
AL167A-11	BE167A-11	11	118	42	125	140
AL167A-12	BE167A-12	12	125	45	160	175

Wrench, Hex Key



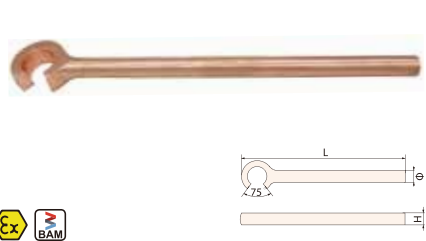
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL167B-2	BE167B-2	2	50	16	2	3
AL167B-3	BE167B-3	3	63	20	4	5
AL167B-4	BE167B-4	4	70	25	11	12
AL167B-5	BE167B-5	5	80	28	20	22
AL167B-6	BE167B-6	6	90	32	27	30
AL167B-7	BE167B-7	7	95	34	45	50
AL167B-8	BE167B-8	8	100	36	50	56
AL167B-9	BE167B-9	9	106	38	77	85
AL167B-10	BE167B-10	10	112	40	90	100
AL167B-11	BE167B-11	11	118	42	126	140
AL167B-12	BE167B-12	12	125	45	145	162

Wrench, T Type Hex Key



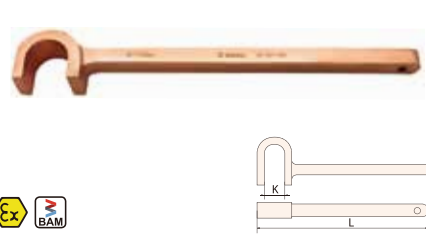
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL167C-2	BE167C-2	2	90	100	50	55
AL167C-3	BE167C-3	3	90	100	50	55
AL167C-4	BE167C-4	4	90	100	70	75
AL167C-5	BE167C-5	5	90	100	75	85
AL167C-6	BE167C-6	6	90	100	90	100
AL167C-8	BE167C-8	8	90	100	90	100
AL167C-10	BE167C-10	10	90	100	135	150

Valve Wrench, C Type



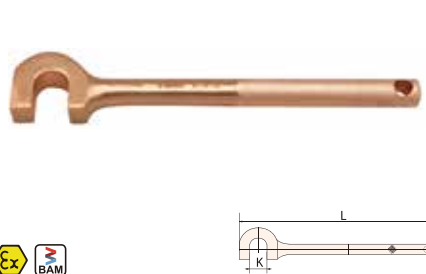
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	H(mm)	AL-BR	BE-CU
AL170-1002	BE170-1002	600	32	32	4115	4500

Valve Spanner(U Type)



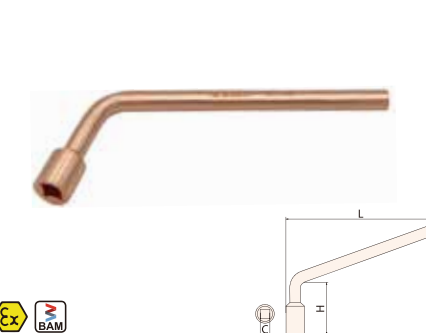
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	K(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL170A-1002	BE170A-1002	20	234	235	260	
AL170A-1004	BE170A-1004	30	280	740	820	
AL170A-1006	BE170A-1006	35	335	885	980	
AL170A-1008	BE170A-1008	35	400	1480	1640	

Valve Spanner(U Type)



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	K(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL170B-1002	BE170B-1002	20	226	335	370	

Oxygen Bottle Wrench



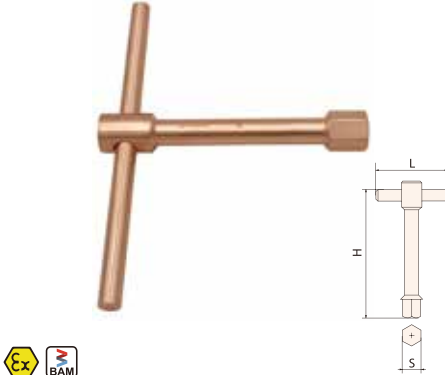
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
AL171-1002	BE171-1002	3/8	154	58	170	185

Wrench, Trigeminal



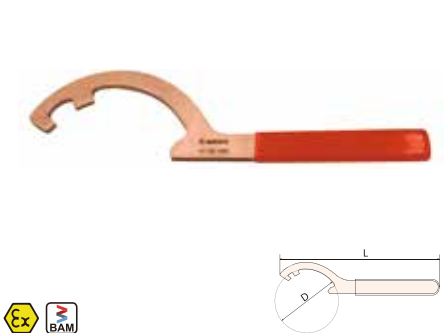
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	A(mm)	H(mm)	AL-BR	BE-CU
AL171B-08	BE171B-08	8*10*12	135	300	330	
AL171B-09	BE171B-09	10*12*14	135	355	390	
AL171B-10	BE171B-10	14*17*19	135	450	500	

Wrench, T-type Sliding Hex



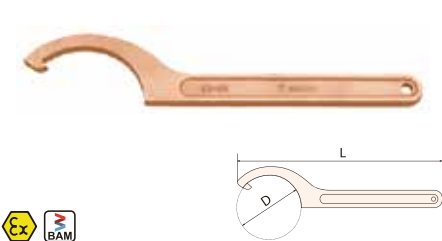
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL172-10	BE172-10	10	150	110	245	270
AL172-12	BE172-12	12	170	130	265	290
AL172-14	BE172-14	14	170	140	365	400
AL172-17	BE172-17	17	190	150	423	465
AL172-19	BE172-19	19	220	160	563	615
AL172-22	BE172-22	22	240	170	605	660
AL172-24	BE172-24	24	260	180	855	935
AL172-27	BE172-27	27	260	190	915	1000
AL172-30	BE172-30	30	280	200	1195	1306
AL172-32	BE172-32	32	280	210	1375	1505
AL172-36	BE172-36	36	300	216	1645	1802
AL172-41	BE172-41	41	300	226	1895	2075

Wrench, Hook



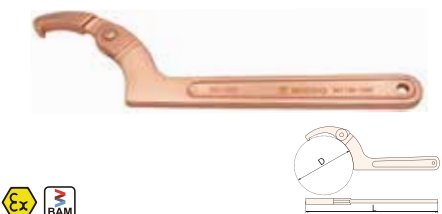
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	D(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL173A-1002	BE173A-1002	118	280	310	350	

Wrench, Hook



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	D(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL173-1002	BE173-1002	30-32	140	50	63	
AL173-1004	BE173-1004	34-36	170	85	95	
AL173-1006	BE173-1006	40-42	176	95	105	
AL173-1008	BE173-1008	45-50	209	145	160	
AL173-1010	BE173-1010	52-55	212	150	170	
AL173-1012	BE173-1012	58-62	244	200	225	
AL173-1014	BE173-1014	68-75	250	240	265	
AL173-1016	BE173-1016	80-90	284	335	375	
AL173-1018	BE173-1018	95-100	288	370	415	
AL173-1020	BE173-1020	110-115	337	690	770	
AL173-1022	BE173-1022	120-130	343	690	770	
AL173-1024	BE173-1024	135-145	388	1000	1110	

Wrench, Adjustable Hook



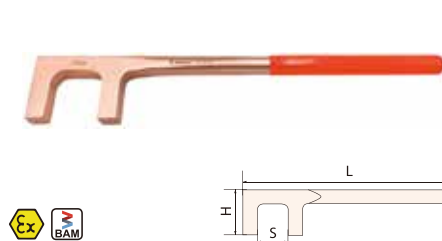
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	D (mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL173B-1002	BE173B-1002	19-50	162	110	120	
AL173B-1004	BE173B-1004	32-75	205	235	260	
AL173B-1006	BE173B-1006	50-120	288	460	515	
AL173B-1008	BE173B-1008	115-170	310	600	670	

Hook Wrench With Pin



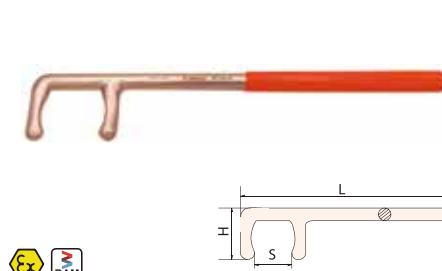
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	D(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL173C-1002	BE173C-1002	30-32	136	50	63	
AL173C-1004	BE173C-1004	34-36	171	85	95	
AL173C-1006	BE173C-1006	40-42	171	95	105	
AL173C-1008	BE173C-1008	45-50	207	145	160	
AL173C-1010	BE173C-1010	52-55	207	150	170	
AL173C-1012	BE173C-1012	58-62	243	200	225	
AL173C-1014	BE173C-1014	68-75	243	240	265	
AL173C-1016	BE173C-1016	80-90	281	335	375	
AL173C-1018	BE173C-1018	95-100	281	370	415	
AL173C-1020	BE173C-1020	110-115	333	690	770	

Valve Handle



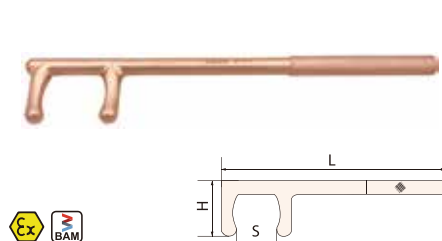
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL174-30	BE174-30	30	200	44	340	405
AL174-35	BE174-35	35	250	49	410	465
AL174-40	BE174-40	40	300	50	540	595
AL174-45	BE174-45	45	350	61	762	835
AL174-48	BE174-48	48	375	62	790	865
AL174-50	BE174-50	50	400	67	815	892
AL174-55	BE174-55	55	450	73	1110	1270
AL174-60	BE174-60	60	500	79	1435	1570
AL174-65	BE174-65	65	550	80	1755	1920
AL174-70	BE174-70	70	600	80	1775	1945
AL174-75	BE174-75	75	650	85	2055	2245
AL174-80	BE174-80	80	700	91	2190	2405
AL174-85	BE174-85	85	750	97	2770	3050
AL174-90	BE174-90	90	800	103	3060	3360
AL174-93	BE174-93	93	850	107	3250	3553
AL174-96	BE174-96	96	900	110	3515	3870
AL174-100	BE174-100	100	1000	114	3795	4170
AL174-103	BE174-103	103	1200	120	5765	6330

Valve Handle



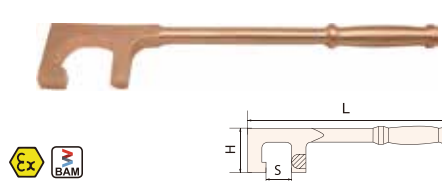
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL174A-30	BE174A-30	30	200	46	240	265
AL174A-35	BE174A-35	35	250	52	340	375
AL174A-40	BE174A-40	40	300	54	400	450
AL174A-45	BE174A-45	45	350	60	530	585
AL174A-50	BE174A-50	50	400	68	670	740
AL174A-55	BE174A-55	55	450	74	750	830
AL174A-60	BE174A-60	60	500	80	1100	1200
AL174A-65	BE174A-65	65	550	83	1160	1280
AL174A-70	BE174A-70	70	600	88	1250	1380
AL174A-75	BE174A-75	75	650	93.5	1500	1650
AL174A-80	BE174A-80	80	700	99.5	1700	1870
AL174A-85	BE174A-85	85	750	100	1900	2090
AL174A-90	BE174A-90	90	800	107	2100	2310
AL174A-95	BE174A-95	95	900	112	2700	2980
AL174A-100	BE174A-100	100	1000	117	3010	3330

Valve Handle



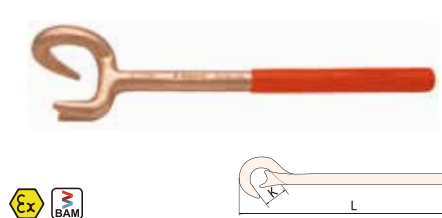
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL174B-30	BE174B-30	30	200	46	240	265
AL174B-35	BE174B-35	35	250	52	340	375
AL174B-40	BE174B-40	40	300	54	400	450
AL174B-45	BE174B-45	45	350	60	530	585
AL174B-50	BE174B-50	50	400	68	670	740
AL174B-55	BE174B-55	55	450	74	750	830
AL174B-60	BE174B-60	60	500	80	1100	1200
AL174B-65	BE174B-65	65	550	83	1160	1280
AL174B-70	BE174B-70	70	600	88	1250	1380
AL174B-75	BE174B-75	75	650	93.5	1500	1650
AL174B-80	BE174B-80	80	700	99.5	1700	1870
AL174B-85	BE174B-85	85	750	100	1900	2090
AL174B-90	BE174B-90	90	800	107	2100	2310
AL174B-95	BE174B-95	95	900	112	2700	2980
AL174B-100	BE174B-100	100	1000	117	3010	3330

Valve Handle



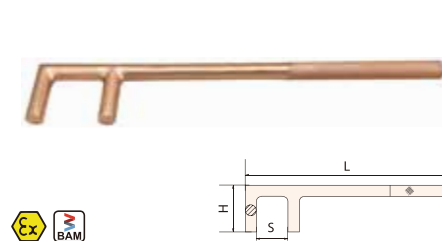
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL175-22	BE175-22	22	200	50	345	390
AL175-28	BE175-28	28	250	53	475	550
AL175-34	BE175-34	34	300	56	615	722
AL175-39	BE175-39	39	350	60	780	905
AL175-44	BE175-44	44	400	64	910	1050
AL175-48	BE175-48	48	450	69	1130	1260
AL175-53	BE175-53	53	500	74	1250	1405
AL175-58	BE175-58	58	550	79	1720	1890
AL175-63	BE175-63	63	600	84	2005	2220

Valve Spanner



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	K(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL176A-1002	BE176A-1002	40	355	825	915	

Valve Handle



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL176-30	BE176-30	30	200	44	250	280
AL176-32	BE176-32	32	300	50	490	540
AL176-35	BE176-35	35	250	47	325	364
AL176-40	BE176-40	40	300	50	422	470
AL176-45	BE176-45	45	350	58	540	610
AL176-48	BE176-48	48	375	62	595	660
AL176-50	BE176-50	50	400	67	615	705
AL176-55	BE176-55	55	450	73	870	960
AL176-60	BE176-60	60	500	79	1105	1205
AL176-65	BE176-65	65	550	82	1250	1370
AL176-70	BE176-70	70	600	85	1360	1540
AL176-75	BE176-75	75	650	88	1540	1705
AL176-80	BE176-80	80	700	91	1650	1910
AL176-85	BE176-85	85	750	97	2015	2250
AL176-90	BE176-90	90	800	103	2130	2380

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Valve Spanner

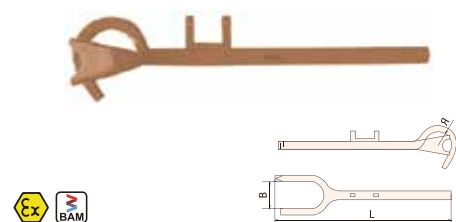
Wrench, Bung

Wrench,Bung

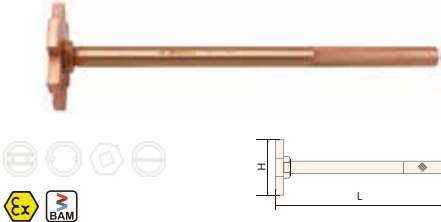
Gas Joint Wrench

Ratchet Wrench

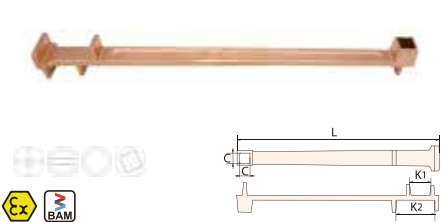
Ratchet Wrench



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	B(mm)	R(mm)	L(mm)	AL-BR	BE-CU
AL176D-1002	BE176D-1002	50	22.5	290	775	700
AL176D-1004	BE176D-1004	60	35.5	430	1770	1580
AL176D-1006	BE176D-1006	80	40	520	2770	2500
AL176D-1008	BE176D-1008	90	45	660	4080	3660



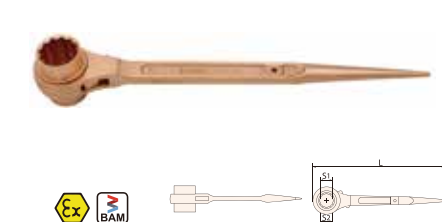
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	H(mm)	L(mm)	AL-BR	BE-CU
AL177-1002	BE177-1002	70	300	580	630



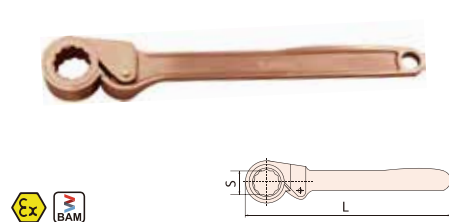
ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	L (mm)	C (mm)	K1 (mm)	K2 (mm)	AL-BR	BE-CU
AL179B-1002	BE179B-1002	520	19	40	73	1100	1120



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL179F-1002	BE179F-1002	75	50	60	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	S1(mm)	S2(mm)	AL-BR	BE-CU
AL180A-1417	BE180A-1417	280	14	17	370	410
AL180A-1719	BE180A-1719	310	17	19	410	450
AL180A-1922	BE180A-1922	345	19	22	480	530
AL180A-2224	BE180A-2224	365	22	24	620	680
AL180A-2427	BE180A-2427	380	24	27	780	860
AL180A-2730	BE180A-2730	400	27	30	900	990
AL180A-3032	BE180A-3032	400	30	32	930	1025
AL180A-3236	BE180A-3236	450	32	36	1300	1450
AL180A-3641	BE180A-3641	495	36	41	1690	1860



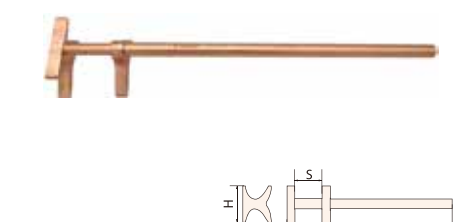
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU
AL183A-9	BE183A-9	9	150	110	125
AL183A-11	BE183A-11	11	150	110	125
AL183A-13	BE183A-13	13	155	140	160
AL183A-14	BE183A-14	14	155	140	160
AL183A-17	BE183A-17	17	200	230	260
AL183A-19	BE183A-19	19	200	230	260
AL183A-22	BE183A-22	22	220	300	340
AL183A-24	BE183A-24	24	220	300	340
AL183A-27	BE183A-27	27	245	500	560
AL183A-30	BE183A-30	30	280	750	840
AL183A-32	BE183A-32	32	280	750	840
AL183A-36	BE183A-36	36	290	1050	1180
AL183A-41	BE183A-41	41	295	1100	1230
AL183A-46	BE183A-46	46	360	1850	2060
AL183A-50	BE183A-50	50	360	2000	2230
AL183A-55	BE183A-55	55	440	2600	2900
AL183A-60	BE183A-60	60	440	2600	2900

Valve Spanner

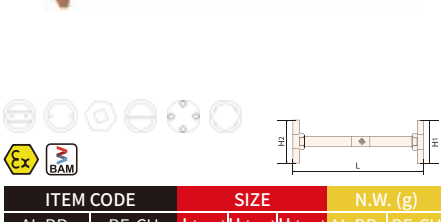
Wrench, Bung

Drum Opener

Ratchet Wrench



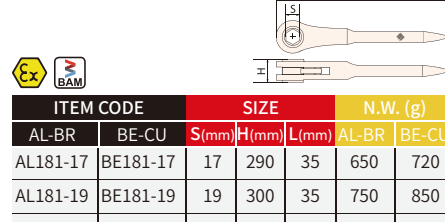
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	H(mm)	L(mm)	AL-BR	BE-CU
AL176E-1002	BE176E-1002	40	50	300	540	590
AL176E-1004	BE176E-1004	55	74	450	1050	1165
AL176E-1006	BE176E-1006	70	80	600	1700	1950
AL176E-1008	BE176E-1008	90	100	800	2600	2800



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	H1(mm)	H2(mm)	AL-BR	BE-CU
AL178-1002	BE178-1002	350	70	95	1070	1165

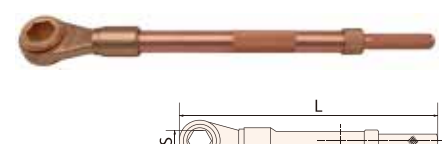


ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL179C-1002	BE179C-1002	520	2800	3100	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	H(mm)	L(mm)	AL-BR	BE-CU
AL181-17	BE181-17	17	290	35	650	720
AL181-19	BE181-19	19	300	35	750	850
AL181-22	BE181-22	22	320	38	890	995
AL181-24	BE181-24	24	329	39	1100	1230
AL181-27	BE181-27	27	380	39	1350	1500
AL181-30	BE181-30	30	433	42	1600	1900
AL181-32	BE181-32	32	435	42	1700	1935
AL181-36	BE181-36	36	487	43	2320	2580

Ratchet Wrench



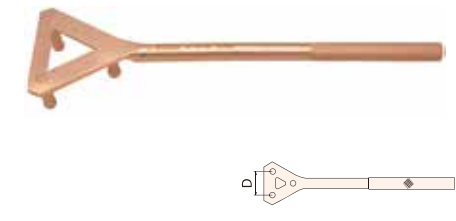
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU	
AL180B-22	BE180B-22	22	400-650	1550	1700	
AL180B-24	BE180B-24	24	460-700	1820	2000	
AL180B-27	BE180B-27	27	500-750	2280	2500	
AL180B-30	BE180B-30	30	535-800	2730	3000	
AL180B-32	BE180B-32	32	535-800	2870	3150	
AL180B-36	BE180B-36	36	580-880	3000	3350	
AL180B-41	BE180B-41	41	600-900	3280	3600	

Valve Spanner

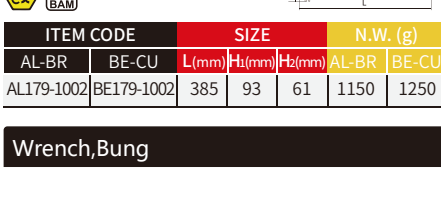
Wrench,Bung

Drum Wrench

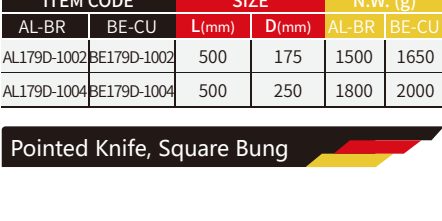
Ratchet Wrench



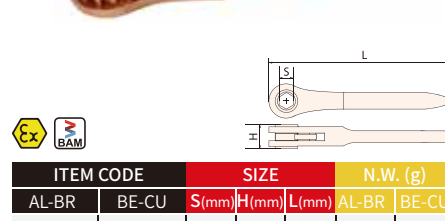
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	D(mm)	L(mm)	AL-BR	BE-CU	
AL176F-200	BE176F-200	25	200	200	220	
AL176F-250	BE176F-250	35	250	340	375	
AL176F-300	BE176F-300	42	300	400	440	
AL176F-350	BE176F-350	62	350	600	660	
AL176F-400	BE176F-400	90	400	940	1030	
AL176F-450	BE176F-450	110	450	1300	1430	
AL176F-500	BE176F-500	165	500	1900	2090	
AL176F-550	BE176F-550	225	550	2200	2420	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	H1(mm)	H2(mm)	AL-BR	BE-CU
AL179-1002	BE179-1002	385	93	61	1150	1250



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	D(mm)	AL-BR	BE-CU
AL179D-1002	BE179D-1002	500	175	1500	1650
AL179D-1004	BE179D-1004	500	250	1800	2000



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	H(mm)	L(mm)	AL-BR	BE-CU
AL182-17	BE182-17	17	35	230	621	725
AL182-19	BE182-19	19	35	240	652	745
AL182-21	BE182-21	21	38	260	835	963
AL182-22	BE182-22	22	38	260	835	963
AL182-24	BE182-24	24	39	270	1022	1175
AL182-26	BE182-26	26	39	285	1102	1253
AL182-27	BE182-27	27	39	285	1102	1253
AL182-30	BE182-30	30	42	300	1325	1532
AL182-32	BE182-32	32	42	315	1427	1622
AL182-35	BE182-35	35	43	330	1673	1829
AL182-36	BE182-36	36	43	330	1673	1829
AL182-41	BE182-41	41	45	330	1948	2129



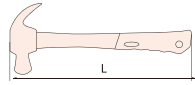
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL183-17	BE183-17	17	250	28	650	710
AL183-19	BE183-19	19	250	28	820	896
AL183-21	BE183-21	21	250	30	940	1030
AL183-22	BE183-22	22	250	30	1010	1105
AL183-24	BE183-24	24	250	32	1230	1345
AL183-26	BE183-26	26	250	34	1250	1365
AL183-27	BE183-27	27	250	34	1450	1580
AL183-30	BE183-30	30	250	40	1640	1795
AL183-32	BE183-32	32	250	40	1820	1990
AL183-35	BE183-35	35	250	45	1840	2010
AL183-36	BE183-36	36	250	45	2035	2225

Hammer,Bricklayers'



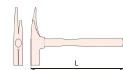
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL184-1002	BE184-1002	600	340	750	750
AL184-1004	BE184-1004	800	340	1000	1000

Hammer, Claw



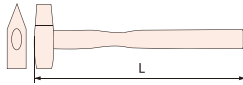
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL185-1002	BE185-1002	230	280	405	405
AL185-1004	BE185-1004	450	300	652	652
AL185-1006	BE185-1006	680	330	953	953
AL185-1008	BE185-1008	910	375	1205	1205

Carpenter's Hammer



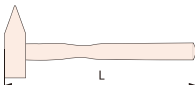
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL185A-1002	BE185A-1002	500	300	700	700
AL185A-1004	BE185A-1004	600	330	870	870

Hammer, Cutoff



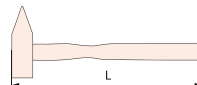
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL188-1002	BE188-1002	300	280	420	420
AL188-1004	BE188-1004	450	310	650	650
AL188-1006	BE188-1006	600	340	900	900

Hammer, Cross Pein Engineers'



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL186-1002	BE186-1002	500	310	655	655
AL186-1004	BE186-1004	1000	340	1175	1175
AL186-1006	BE186-1006	1500	400	1850	1850
AL186-1008	BE186-1008	2000	400	2455	2455
AL186-1010	BE186-1010	3000	700	3700	3700
AL186-1012	BE186-1012	5000	900	6000	6000

Hammer, Cross Pein Engineers'



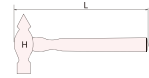
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL186A-1002	BE186A-1002	500	310	600	600
AL186A-1004	BE186A-1004	1000	320	1150	1150
AL186A-1006	BE186A-1006	1500	360	1650	1650
AL186A-1008	BE186A-1008	2000	380	2200	2200
AL186A-1010	BE186A-1010	3000	700	3400	3400
AL186A-1012	BE186A-1012	5000	800	5500	5500

Hammer, Cutoff(Japan Type)



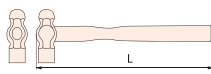
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL189-1002	BE189-1002	250	280	461	461
AL189-1004	BE189-1004	300	280	570	570

Hammer, Engineer's Cross Pein



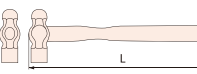
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL189B-1002	BE189B-1002	500	310	650	650
AL189B-1004	BE189B-1004	900	350	1100	1100

Hammer, Ball Pein



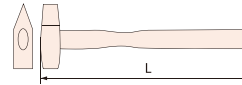
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL187-1002	BE187-1002	230	280	403	403
AL187-1004	BE187-1004	340	280	502	502
AL187-1006	BE187-1006	450	310	680	680
AL187-1008	BE187-1008	680	340	880	880
AL187-1010	BE187-1010	910	350	1100	1100
AL187-1012	BE187-1012	1130	400	1470	1470

Hammer, Ball Pein



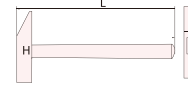
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL187A-1002	BE187A-1002	230	300	320	320
AL187A-1004	BE187A-1004	340	300	430	430
AL187A-1006	BE187A-1006	450	325	560	560
AL187A-1008	BE187A-1008	680	365	910	910
AL187A-1010	BE187A-1010	910	365	1020	1020
AL187A-1012	BE187A-1012	1130	400	1390	1390

Hammer, Cutoff



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL188A-1002	BE188A-1002	300	300	390	390
AL188A-1004	BE188A-1004	450	325	560	560
AL188A-1006	BE188A-1006	600	365	830	830

Hammer, Cutoff(Japan Type)



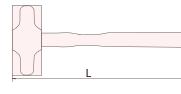
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL189A-1002	BE189A-1002	230	280	420	420
AL189A-1004	BE189A-1004	380	330	500	500

Hammer, Scaling



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL190-1002	BE190-1002	150	280	205	205
AL190-1004	BE190-1004	300	280	370	370

Hammer, Sledge



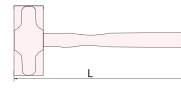
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL191-1002	BE191-1002	450	310	610	610
AL191-1004	BE191-1004	1000	350	1300	1300
AL191-1006	BE191-1006	1400	400	1700	1700
AL191-1008	BE191-1008	1500	400	1800	1800
AL191-1010	BE191-1010	1800	400	2100	2100
AL191-1012	BE191-1012	2000	400	2300	2300
AL191-1014	BE191-1014	2200	400	2500	2500
AL191-1016	BE191-1016	2500	700	3210	3210
AL191-1018	BE191-1018	2700	700	3410	3410
AL191-1020	BE191-1020	3000	700	3710	3710
AL191-1022	BE191-1022	3600	700	4310	4310
AL191-1024	BE191-1024	4000	900	4910	4910
AL191-1026	BE191-1026	4500	900	5410	5410
AL191-1028	BE191-1028	5000	900	5910	5910
AL191-1030	BE191-1030	5400	900	6310	6310
AL191-1032	BE191-1032	6400	900	7310	7310
AL191-1034	BE191-1034	7200	900	8110	8110
AL191-1036	BE191-1036	8000	900	8910	8910
AL191-1038	BE191-1038	8200	900	9110	9110
AL191-1040	BE191-1040	9100	900	10010	10010
AL191-1042	BE191-1042	9900	900	10810	10810

Sledge Hammer with hickory handle



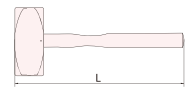
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL191G-1002	BE191G-1002	450	310	640	640
AL191G-1004	BE191G-1004	1000	320	1200	1200
AL191G-1006	BE191G-1006	1400	360	1620	1620
AL191G-1008	BE191G-1008	1500	360	1720	1720
AL191G-1010	BE191G-1010	1800	380	2020	2020
AL191G-1012	BE191G-1012	2000	380	2240	2240
AL191G-1014	BE191G-1014	2200	400	2440	2440
AL191G-1016	BE191G-1016	2500	400	2740	2740
AL191G-1018	BE191G-1018	2700	400	2940	2940
AL191G-1020	BE191G-1020	3000	700	3500	3500
AL191G-1022	BE191G-1022	3600	700	4100	4100
AL191G-1024	BE191G-1024	4000	800	4600	4600
AL191G-1026	BE191G-1026	4500	800	5100	5100
AL191G-1028	BE191G-1028	5000	800	5600	5600
AL191G-1030	BE191G-1030	5400	800	6000	6000
AL191G-1032	BE191G-1032	6400	800	7000	7000
AL191G-1034	BE191G-1034	7200	900	7850	7850
AL191G-1036	BE191G-1036	8000	900	8700	8700
AL191G-1038	BE191G-1038	8200	900	8900	8900
AL191G-1040	BE191G-1040	9100	900	9800	9800
AL191G-1042	BE191G-1042	9900	900	10600	10600

Hammer, Sledge



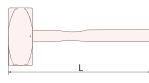
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL191A-1002	BE191A-1002	450	310	450	450
AL191A-1004	BE191A-1004	1000	350	1000	1000
AL191A-1006	BE191A-1006	1400	400	1400	1400
AL191A-1008	BE191A-1008	1500	400	1500	1500
AL191A-1010	BE191A-1010	1800	400	1800	1800
AL191A-1012	BE191A-1012	2000	400	2000	2000
AL191A-1014	BE191A-1014	2200	400	2200	2200
AL191A-1016	BE191A-1016	2500	700	2500	2500
AL191A-1018	BE191A-1018	2700	700	2700	2700
AL191A-1020	BE191A-1020	3000	700	3000	3000
AL191A-1022	BE191A-1022	3600	700	3600	3600
AL191A-1024	BE191A-1024	4000	900	4000	4000
AL191A-1026	BE191A-1026	4500	900	4500	4500
AL191A-1028	BE191A-1028	5000	900	5000	5000
AL191A-1030	BE191A-1030	5400	900	5400	5400
AL191A-1032	BE191A-1032	6400	900	6400	6400
AL191A-1034	BE191A-1034	7200	900	7200	7200
AL191A-1036	BE191A-1036	8000	900	8000	8000
AL191A-1038	BE191A-1038	8200	900	8200	8200
AL191A-1040	BE191A-1040	9100	900	9100	9100
AL191A-1042	BE191A-1042	9900	900	9900	9900

Hammer, Sledge(German Type)



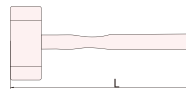
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL191C-1002	BE191C-1002	500	310	650	650
AL191C-1004	BE191C-1004	1000	350	1300	1300
AL191C-1006	BE191C-1006	1500	400	1800	1800
AL191C-1008	BE191C-1008	2000	400	2300	2300
AL191C-1010	BE191C-1010	3000	700	3700	3700
AL191C-1012	BE191C-1012	4000	900	4900	4900
AL191C-1014	BE191C-1014	5000	900	5900	5900

Club Hammer



ITEM CODE		SIZE	N.W. (g)	
AL-BR	BE-CU	Size(lb)	AL-BR	BE-CU
AL191D-1002	BE191D-1002	2	910	910
AL191D-1004	BE191D-1004	4	1800	1800

Nylon Hammer



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size(g)	L(mm)	AL-BR	BE-CU
AL191E-1002	BE191E-1002	800	340	950	950
AL191E-1004	BE191E-1004	1000	400	1200	1200

Nylon Hammer



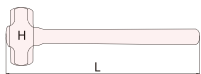
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size(g)	L(mm)	AL-BR	BE-CU
AL191F-1002	BE191F-1002	420	280	420	420
AL191F-1004	BE191F-1004	650	340	650	650

Hammer, Testing



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL192-1002	BE192-1002	150	280	206	206
AL192-1004	BE192-1004	250	280	345	345

Sledge Hammer



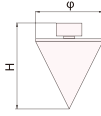
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL192A-1002	BE192A-1002	1000	370	1300	1300
AL192A-1004	BE192A-1004	1400	370	1700	1700
AL192A-1006	BE192A-1006	1500	370	1800	1800
AL192A-1008	BE192A-1008	1800	370	2100	2100
AL192A-1010	BE192A-1010	2000	370	2300	2300
AL192A-1012	BE192A-1012	2200	370	2500	2500
AL192A-1014	BE192A-1014	2500	700	3460	3460
AL192A-1016	BE192A-1016	2700	700	3660	3660
AL192A-1018	BE192A-1018	3000	700	3960	3960
AL192A-1020	BE192A-1020	3600	700	4560	4560
AL192A-1022	BE192A-1022	4000	900	4960	4960
AL192A-1024	BE192A-1024	4500	900	5460	5460
AL192A-1026	BE192A-1026	5000	900	5960	5960
AL192A-1028	BE192A-1028	5400	900	6360	6360
AL192A-1030	BE192A-1030	6400	900	7360	7360
AL192A-1032	BE192A-1032	7200	900	8160	8160
AL192A-1034	BE192A-1034	8000	900	8960	8960
AL192A-1036	BE192A-1036	8200	900	9160	9160
AL192A-1038	BE192A-1038	9100	900	10060	10060
AL192A-1040	BE192A-1040	9900	900	10860	10860

Hammer, Sledge(German Type)



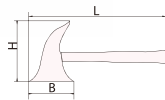
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Head(g)	L(mm)	AL-BR	BE-CU
AL192B-1004	BE192B-1004	1000	370	1300	1300
AL192B-1006	BE192B-1006	1500	370	1800	1800
AL192B-1008	BE192B-1008	2000	370	2300	2300
AL192B-1010	BE192B-1010	3000	700	3950	3950
AL192B-1012	BE192B-1012	4000	900	4950	4950
AL192B-1014	BE192B-1014	5000	900	5950	5950

Hammer Plumb



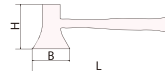
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	H(mm)	Φ(mm)	AL-BR	BE-CU
AL193-1002	BE193-1002	59	50	247	275

Axe Fireman



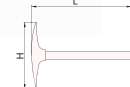
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	H	B	AL-BR	BE-CU
AL195-1002	BE195-1002	340	190	98	1300	1425

Axe



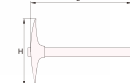
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	B	H	L	AL-BR	BE-CU
AL196-1002	BE196-1002	82	145	340	890	980

Pick Railroad



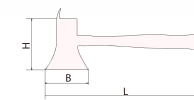
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	Size	H(mm)	L(mm)	AL-BR	BE-CU
AL194-1002	BE194-1002	1#	360	910	2000	2100
AL194-1004	BE194-1004	2#	385	910	2800	2950
AL194-1006	BE194-1006	3#	410	910	3200	3385
AL194-1008	BE194-1008	4#	470	910	3500	3715

Pick Railroad



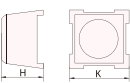
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size	L(mm)	AL-BR	BE-CU
AL194A-1002	BE194A-1002	1#	910	2000	2100
AL194A-1004	BE194A-1004	2#	910	2800	2950
AL194A-1006	BE194A-1006	3#	910	3200	3385
AL194A-1008	BE194A-1008	4#	910	4000	4330

Axe, Pick Head



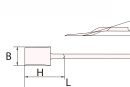
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	Size(g)	B	L	AL-BR	BE-CU
AL196A-1002	BE196A-1002	1800	120	920	2650	2650

Anvil Block



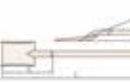
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	Size(g)	H(mm)	K(mm)	AL-BR	BE-CU
AL197-1002	BE197-1002	3000	63	92		
AL197-1004	BE197-1004	5000	75	111		
AL197-1006	BE197-1006	16000	114	160		

Shovel, Square



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL198-1002	BE198-1002	940	175	340	1290	1410
AL198-1004	BE198-1004	990	240	418	1650	1804

Shovel, Square



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL198A-1002	BE198A-1002	1400	175	340	1680	1800
AL198A-1004	BE198A-1004	1450	240	418	2050	2200

Shovel, Square(Euro Type)



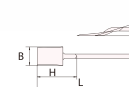
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL198B-1002	BE198B-1002	1900	240	505	2550	2700

Shovel, Square With Long Handle



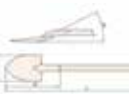
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL198C-1002	BE198C-1002	1750	175	340	1620	1750

Dust Pan



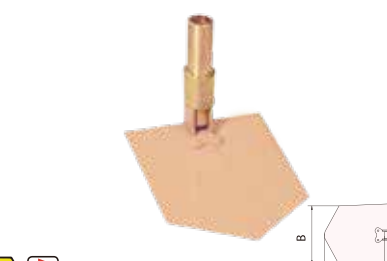
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL199-1002	BE199-1002	990	270	520	2130	2330

Shovel, Round Point



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL200A-1002	BE200A-1002	830	170	300	1220	1300

Folding Square



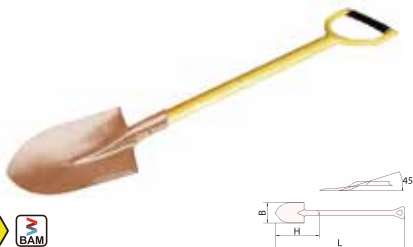
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL201-1002	BE201-1002	320	180	130	1350	1500

Shovel, Military



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	B(mm)	L(mm)	AL-BR	BE-CU
AL201C-1002	BE201C-1002	150	590	1300	1300

Shovel, Round Point



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL200-1002	BE200-1002	990	240	420	1420	1553

Shovel, Square (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1981-1002	BE1981-1002	970	240

Shovel, Square with locking clip (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1985-1002	BE1985-1002	1390	240

Shovel, Round Point



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL200B-1002	BE200B-1002	1450	240	420	1420	1553

Shovel, Square (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1982-1002	BE1982-1002	1390	240

Shovel, Square with locking clip (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1986-1002	BE1986-1002	1410	240

Shovel, Snow



ITEM CODE		SIZE		N.W. (g)	
BRASS		H(mm)	L(mm)		BRASS
BR201B-1002		570	1480		2500

Shovel, Square (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1983-1002	BE1983-1002	1410	240

Shovel, Square (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1987-1002	BE1987-1002	970	195

Deep Edging Spade with plastic D-handle



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	H	B	H ₁	AL-BR	BE-CU
AL201A-1002	BE201A-1002	1390	195	290	1740	1840
AL201A-1004	BE201A-1004	1440	180	340	1880	2040

Shovel, Square with locking clip (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1984-1002	BE1984-1002	970	240

Shovel, Square (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1988-1002	BE1988-1002	1200	195

Shovel, Square (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1989-1002	BE1989-1002	1220	195

Shovel, Square Long Bent neck with D-handle (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1993-1002	BE1993-1002	1100	235

Shovel, Square Long Straight neck with fiberglass handle (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1997-1002	BE1997-1002	1500	230

Shovel, Square (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1990-1002	BE1990-1002	1020	180

Shovel, Square Long Bent neck with bronze hoop (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1994-1002	BE1994-1002	1390	235

Shovel, Square Long Straight neck with D-handle (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1998-1002	BE1998-1002	1080	230

Shovel, Square (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1991-1002	BE1991-1002	1200	180

Shovel, Square Long Bent neck with anti-skid sleeve (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1995-1002	BE1995-1002	1410	235

Shovel, Square Long Straight neck with bronze hoop (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1999-1002	BE1999-1002	1390	230

Shovel, Square (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1992-1002	BE1992-1002	1220	180

Shovel, Square Long Bent neck with fiberglass handle (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL1996-1002	BE1996-1002	1530	235

Shovel, Square Long Straight neck with anti-skid sleeve (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2000-1002	BE2000-1002	1410	230

Shovel, Square Long Bent neck with D-handle (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2001-1002	BE2001-1002	700	150

Shovel, Square Long Bent neck with bronze hoop (American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2002-1002	BE2002-1002	840	150

Shovel, Square Long Bent neck with anti-skid sleeve(American Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2003-1002	BE2003-1002	860	150

Shovel, Round Point (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2004-1002	BE2004-1002	1030	235

Shovel, Round Point (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2005-1002	BE2005-1002	1200	235

Shovel, Round Point (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2006-1002	BE2006-1002	1220	235

Shovel, Round Point Long Type (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2007-1002	BE2007-1002	1030	180

Shovel, Round Point Long Type (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2008-1002	BE2008-1002	1200	180

Shovel, Round Point Long Type (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2009-1002	BE2009-1002	1220	180

Shovel, Round Point With locking Clip (Plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2010-1002	BE2010-1002	1030	220

Shovel, Round Point with locking clip (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2011-1002	BE2011-1002	1200	220

Shovel, Round Point with locking clip (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2012-1002	BE2012-1002	1220	220

Shovel, Round Point With Plastic D-handle (Japanese Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2013-1002	BE2013-1002	780	170

Shovel, Round Point with bronze hoop (Japanese Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2014-1002	BE2014-1002	780	170

Shovel, Round Point with anti-skid sleeve (Japanese Type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2015-1002	BE2015-1002	800	170

Shovel, Round Point Long Bent neck (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2016-1002	BE2016-1002	1030	210

Shovel, Round Point Long Bent neck (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2017-1002	BE2017-1002	1200	210

Shovel, Round Point Long Bent neck (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2018-1002	BE2018-1002	1220	210

Shovel, Round Point Long Bent neck (with fiberglass handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2019-1002	BE2019-1002	1530	210

Shovel, Round Point Long Bent neck (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2020-1002	BE2020-1002	740	150

Shovel, Round Point Long Bent neck (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2021-1002	BE2021-1002	860	150

Shovel, Round Point Long Bent neck (anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2022-1002	BE2022-1002	860	150

Shovel, Round Point Long Straight neck (plastic D-handle)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2023-1002	BE2023-1002	740	150

Shovel, Round Point Long Straight neck (bronze hoop)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2024-1002	BE2024-1002	860	150

Shovel, Round Point Long Straight neck(anti-skid sleeve)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2025-1002	BE2025-1002	880	150

Dust Pan with plastic D-handle



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2029-1002	BE2029-1002	1030	245

Edging Spade with bronze hoop



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2033-1002	BE2033-1002	1200	195

Dust Pan with plastic D-handle



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2026-1002	BE2026-1002	1030	280

Dust Pan with bronze hoop



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2030-1002	BE2030-1002	1390	245

Edging Spade with anti-skid sleeve



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2034-1002	BE2034-1002	1220	195

Dust Pan with bronze hoop



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2027-1002	BE2027-1002	1390	280

Dust Pan with anti-skid sleeve



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2031-1002	BE2031-1002	1410	245

Deep Edging Spade with bronze hoop



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2036-1002	BE2036-1002	1200	180

Dust Pan with anti-skid sleeve



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2028-1002	BE2028-1002	1410	280

Edging Spade with plastic D-handle



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2032-1002	BE2032-1002	970	195

Deep Edging Spade with anti-skid sleeve



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2037-1002	BE2037-1002	1220	180

Shovel, Military



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2038-1002	BE2038-1002	630	170

Shovel, Military (Mini type)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2039-1002	BE2039-1002	550	130

Shovel, Military (Multi-function)



ITEM CODE		SIZE	
AL-BR	BE-CU	L(mm)	B(mm)
AL2040-1002	BE2040-1002	580	150

Knife, Common



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	L1(mm)	AL-BR	BE-CU
AL202A-1002	BE202A-1002	90	203	110	95

Knife, Common



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	L1(mm)	AL-BR	BE-CU
AL202B-1002	BE202B-1002	80	193	105	90
AL202B-1004	BE202B-1004	137	250	125	105

Knife, Putty



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	K(mm)	L(mm)	AL-BR	BE-CU
AL203A-1002	BE203A-1002	25	203	95	85
AL203A-1004	BE203A-1004	40	203	105	90
AL203A-1006	BE203A-1006	50	203	110	95
AL203A-1008	BE203A-1008	65	203	120	100

Knife, Putty



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	K(mm)	L(mm)	AL-BR	BE-CU
AL203B-1002	BE203B-1002	75	203	130	110
AL203B-1004	BE203B-1004	100	203	150	125
AL203B-1006	BE203B-1006	150	203	310	280

Spatula



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	K	L	L1	AL-BR	BE-CU
AL204A-1002	BE204A-1002	30	90	203	80	85
AL204A-1004	BE204A-1004	50	105	218	110	115
AL204A-1006	BE204A-1006	90	120	233	145	160

Electrician Knife



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	L1(mm)	AL-BR	BE-CU
AL204B-1002	BE204B-1002	195	60	185	210

Spatula



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	K	L	L1	AL-BR	BE-CU
AL204D-1002	BE204D-1002	40	350	230	110	120

Knife



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	L _i (mm)	AL-BR	BE-CU
AL204F-1002	BE204F-1002	110	216	120	130

Scraper



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL205A-1002	BE205A-1002	902	50	2	625	683

Scraper,Deck



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL208-1002	BE208-1002	270	40	338	371

Knife



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	L _i (mm)	AL-BR	BE-CU
BE204G-1002		75	180		90

Scraper,Flat



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL206-1002	BE206-1002	200	30	325	300	330
AL206-1004	BE206-1004	300	30	430	440	480
AL206-1006	BE206-1006	350	35	490	580	640
AL206-1008	BE206-1008	350	50	490	910	1020
AL206-1010	BE206-1010	400	60	560	1330	1520

Scraper, Deck



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL209-1002	BE209-1002	300	48	391	432



Knife, Wire Stripping and Scraping



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	L _i (mm)	AL-BR	BE-CU
AL204H-1002	BE204H-1002	120	230	110	120

Scraper, Deck



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL207-1002	BE207-1002	250	39	255	285
AL207-1004	BE207-1004	300	45	335	380
AL207-1006	BE207-1006	350	55	507	555
AL207-1008	BE207-1008	400	50	700	775
AL207-1010	BE207-1010	650	56	1290	1405
AL207-1012	BE207-1012	750	58	1380	1540

Scraper, Deck



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL210-1002	BE210-1002	380	38	720	821

Scraper, Spray Booth



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL211-1002	BE211-1002	235	76	358	392

Scraper



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL212-1002	BE212-1002	690	50	90	520	550
AL212-1004	BE212-1004	705	75	100	700	750
AL212-1006	BE212-1006	720	100	115	800	850
AL212-1008	BE212-1008	765	150	150	1300	1400

Scraper, Rust



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL212B-1002	BE212B-1002	600	75	75	620	700

Scraper, Arched



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL213-1002	BE213-1002	690	50	120	600	650
AL213-1004	BE213-1004	710	100	120	830	925
AL213-1006	BE213-1006	720	150	120	980	1080



Scraper, Floor



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL213A-1002	BE213A-1002	460	150	170	1000	1150

Opener Carbide Drum



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL214-1002	BE214-1002	280	53	358	392

Scraper, Tile Cleaver



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL215-1002	BE215-1002	180	55	350	550	610

Trowel Bricklayer's



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL215A-1002	BE215A-1002	335	130	215	620	700

Trapezia Shovel Bricklayer's



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	L _i	AL-BR	BE-CU
AL215B-1002	BE215B-1002	290	80	160	390	420

Plane's Blade



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL216-1002	BE216-1002	175	43	120	130

File, Flat



ITEM CODE		SIZE(mm)			N.W. (g)	
BE-CU		L(inch)	L	B	H	BE-CU
BE217-1002		6	150	16	4	75
BE217-1004		8	200	21	4.5	160
BE217-1006		10	250	25	6	282
BE217-1008		12	300	30	6.5	455
BE217-1010		14	350	32	8	675
BE217-1012		16	400	32	9.5	925

File,Half Round



ITEM CODE		SIZE(mm)			N.W. (g)	
BE-CU		L(inch)	L	B	H	BE-CU
BE218-1002		6	150	22	6	105
BE218-1004		8	200	23	7	190
BE218-1006		10	250	26	8	255
BE218-1008		12	300	28	9	375
BE218-1010		14	350	30	10	565

File, Round



ITEM CODE		SIZE(mm)			N.W. (g)	
BE-CU		L(inch)	L	Φ		BE-CU
BE219-1002		6	150	6.5		45
BE219-1004		8	200	7.5		91
BE219-1006		10	250	8.5		122
BE219-1008		12	300	9.5		180
BE219-1010		14	350	10.5		250

File, Square



ITEM CODE	SIZE(mm)			N.W. (g)
BE-CU	L(inch)	L	B	BE-CU
BE220-1002	8	200	8	130
BE220-1004	10	250	10	155
BE220-1006	12	300	11	202
BE220-1008	14	350	12	303

File, Triangle



ITEM CODE	SIZE(mm)			N.W. (g)
BE-CU	L(inch)	L	B	BE-CU
BE221-1002	8	200	12	115
BE221-1004	10	250	13	125
BE221-1006	12	300	14	160
BE221-1008	14	350	14	205


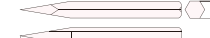
File Set-5pcs



ITEM CODE	SIZE		N.W. (g)
BE-CU	L(mm)	Φ(mm)	BE-CU
BE221A ○	180	5	140
BE221A □	180	5	
BE221A △	180	5	
BE221A ▢	180	5	
BE221A ▭	180	5	

Punch, Machinists'









ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	S(mm)	AL-BR	BE-CU
AL222-1002	BE222-1002	150	14	155	165
AL222-1004	BE222-1004	200	18	355	385
AL222-1006	BE222-1006	250	20	555	610
AL222-1008	BE222-1008	300	20	660	725

Chisel, Pneumatic Bull Point










ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	S	L	L ₁	AL-BR	BE-CU
AL223-1002	BE223-1002	28	500	150	2400	2650

Punch Machinists'


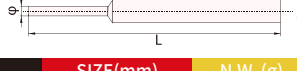


ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU
AL223A-1002	BE223A-1002	150	5	215	235
AL223A-1004	BE223A-1004	150	8	255	285
AL223A-1006	BE223A-1006	150	10	315	345

Drift Cylindrical






ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	Φ	Φ ₁	L	AL-BR	BE-CU
AL223B-1002	BE223B-1002	3	9	110	15	20
AL223B-1004	BE223B-1004	4	10	110	50	57
AL223B-1006	BE223B-1006	6	12	115	95	105
AL223B-1008	BE223B-1008	8	14	120	115	130
AL223B-1010	BE223B-1010	10	16	145	180	200
AL223B-1012	BE223B-1012	12	18	160	260	280
AL223B-1014	BE223B-1014	14	20	180	380	410
AL223B-1016	BE223B-1016	16	24	200	600	640
AL223B-1018	BE223B-1018	18	30	225	960	1070
AL223B-1020	BE223B-1020	20	32	225	1110	1230

Punch





ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	Φ	Φ ₁	L	AL-BR	BE-CU
AL223C-1002	BE223C-1002	5	11	150	95	105
AL223C-1004	BE223C-1004	6	12	150	115	130
AL223C-1006	BE223C-1006	7	13	150	135	150
AL223C-1008	BE223C-1008	8	14	150	150	170
AL223C-1010	BE223C-1010	10	16	175	230	255
AL223C-1012	BE223C-1012	12	18	175	300	335
AL223C-1014	BE223C-1014	13	29	255	1060	1180

Punch, Machinists'





ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU
AL223D-1002	BE223D-1002	160	18	265	290
AL223D-1004	BE223D-1004	250	18	425	470
AL223D-1006	BE223D-1006	300	18	545	600
AL223D-1008	BE223D-1008	300	20	635	700
AL223D-1010	BE223D-1010	300	25	995	1100
AL223D-1012	BE223D-1012	400	18	725	800
AL223D-1014	BE223D-1014	400	20	885	1000

Punch, Center



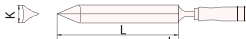


ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU
AL223F-1002	BE223F-1002	100	12	70	80

Scraper, Triangular



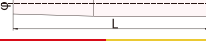


ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	L ₁	K	AL-BR	BE-CU
AL224-1002	BE224-1002	160	280	22	225	245
AL224-1004	BE224-1004	300	425	26	590	645

Drift pin, Barrel Straight






ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	Φ	Φ ₁	L	AL-BR	BE-CU
AL223E-1002	BE223E-1002	8	11	150	118	125
AL223E-1004	BE223E-1004	10	13	150	140	155
AL223E-1006	BE223E-1006	12	15	150	190	215
AL223E-1008	BE223E-1008	14	18	200	380	420
AL223E-1010	BE223E-1010	15	19	200	390	435
AL223E-1012	BE223E-1012	16	20	200	435	480
AL223E-1014	BE223E-1014	17	21	200	540	570
AL223E-1016	BE223E-1016	18	22	250	560	600
AL223E-1018	BE223E-1018	19	23	250	780	860
AL223E-1020	BE223E-1020	20	24	250	790	875
AL223E-1022	BE223E-1022	21	25	250	885	950
AL223E-1024	BE223E-1024	22	26	250	920	965
AL223E-1026	BE223E-1026	24	28	250	1150	1270
AL223E-1028	BE223E-1028	25	29	250	1170	1300
AL223E-1030	BE223E-1030	26	30	250	1250	1390
AL223E-1032	BE223E-1032	27	31	300	1770	1900

Scraper, Plate






ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL224A-1002	BE224A-1002	470	150	810	900

Scraper, Halfmoon





ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL224B-1002	BE224B-1002	326	100	235	260

Scraper, Triangular



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	L ₁	K	AL-BR	BE-CU
AL224C-1002	BE224C-1002	440	300	20	380	420



Scraper, Half Round



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	L	L ₁	B	H	AL-BR	BE-CU
AL224D-1002	BE224D-1002	440	300	30	5	380	420

Chisel, Cross



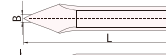


ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	S	L	H	AL-BR	BE-CU
AL225-1002	BE225-1002	20	220	8	432	475

Chisel, Cross Cutting





ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	B	L	H	AL-BR	BE-CU
AL225A-1002	BE225A-1002	4	140	6	255	280
AL225A-1004	BE225A-1004	4	200	7	435	480
AL225A-1006	BE225A-1006	5	300	8	760	840

Scraper Pick And Scaler


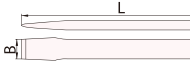


ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	B(mm)	L(mm)	AL-BR	BE-CU
AL225B-1002	BE225B-1002	75	450	1155	1285

Chisel, Flat






ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL225C-1002	BE225C-1002	150	22	230	255
AL225C-1004	BE225C-1004	200	22	295	325
AL225C-1006	BE225C-1006	250	24	480	525
AL225C-1008	BE225C-1008	300	25	675	740
AL225C-1010	BE225C-1010	400	27	1050	1155

Chisel, Flat (with sheath)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL225D-1002	BE225D-1002	150	22	280	305
AL225D-1004	BE225D-1004	200	22	345	375
AL225D-1006	BE225D-1006	250	24	530	575
AL225D-1008	BE225D-1008	300	25	725	790
AL225D-1010	BE225D-1010	400	27	1100	1205

Chisel, Pneumatic



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	S	Φ	AL-BR	BE-CU
AL226-1002	BE226-1002	125	10	12	102	117
AL226-1004	BE226-1004	175	10	12	143	168

Chisel, Pneumatic



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU
AL226A-1002	BE226A-1002	300	20	775	850
AL226A-1004	BE226A-1004	455	30	2630	2880

Chisel, Pneumatic



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	S	L	B	H	AL-BR	BE-CU
AL227-1002	BE227-1002	10	125	20	2	141	160
AL227-1004	BE227-1004	10	175	20	2	182	210

Chisel, Pneumatic



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	S	L	B	H	AL-BR	BE-CU
AL228-1002	BE228-1002	10	125	20		117	152
AL228-1004	BE228-1004	10	175	20		122	190

Chisel, Pneumatic



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	S	L	B	H	AL-BR	BE-CU
AL229-1002	BE229-1002	10	125	20	2	141	162
AL229-1004	BE229-1004	10	175	20	2	183	213

Chisel, Pneumatic



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	S	L	B	H	AL-BR	BE-CU
AL230-1002	BE230-1002	10	125	20	2	112	127
AL230-1004	BE230-1004	10	175	20	2	153	178

Chisel, Flat



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	L	Φ	B	H	AL-BR	BE-CU
AL231-1002	BE231-1002	160	14	14		160	175
AL231-1004	BE231-1004	160	16	16		210	231
AL231-1006	BE231-1006	160	18	18		271	295
AL231-1008	BE231-1008	200	18	18		342	382
AL231-1010	BE231-1010	200	20	20		430	473
AL231-1012	BE231-1012	250	24	24		751	822
AL231-1014	BE231-1014	300	24	24		942	1025
AL231-1016	BE231-1016	300	25	25		1002	1302
AL231-1018	BE231-1018	400	25	25		1360	1502
AL231-1020	BE231-1020	500	25	25		1730	1903
AL231-1022	BE231-1022	500	30	30		2481	2730

Chisel, Flat(with sheath)



ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	B(mm)	H	AL-BR	BE-CU
AL231A-1002	BE231A-1002	160	14	14		210	225
AL231A-1004	BE231A-1004	160	16	16		260	281
AL231A-1006	BE231A-1006	160	18	18		321	345
AL231A-1008	BE231A-1008	200	18	18		392	432
AL231A-1010	BE231A-1010	200	20	20		480	523
AL231A-1012	BE231A-1012	250	24	24		801	872
AL231A-1014	BE231A-1014	300	24	24		992	1075
AL231A-1016	BE231A-1016	300	25	25		1052	1352
AL231A-1018	BE231A-1018	400	25	25		1410	1552
AL231A-1020	BE231A-1020	500	25	25		1780	1953
AL231A-1022	BE231A-1022	500	30	30		2531	2780

Chisel Hex/6 Point



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	S	L	B	H	AL-BR	BE-CU
AL232-1002	BE232-1002	10	150	12	92	98	
AL232-1004	BE232-1004	14	200	16	231	251	
AL232-1006	BE232-1006	16	160	18	242	262	
AL232-1008	BE232-1008	14	250	16	302	320	
AL232-1010	BE232-1010	17	300	19	701	772	
AL232-1012	BE232-1012	17	350	19	821	903	
AL232-1014	BE232-1014	22	600	24	1702	1861	
AL232-1016	BE232-1016	25	300	28	1090	1204	
AL232-1018	BE232-1018	30	500	35	2620	2860	

Chisel Hex / 6 Point(with sheath)



ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	B(mm)	H	AL-BR	BE-CU
AL232A-1002	BE232A-1002	10	150	12		142	148
AL232A-1004	BE232A-1004	14	200	16		281	301
AL232A-1006	BE232A-1006	16	160	18		292	312
AL232A-1008	BE232A-1008	14	250	16		352	370
AL232A-1010	BE232A-1010	17	300	19		751	822
AL232A-1012	BE232A-1012	17	350	19		871	953
AL232A-1014	BE232A-1014	22	600	24		1752	1911
AL232A-1016	BE232A-1016	25	300	28		1140	1254
AL232A-1018	BE232A-1018	30	500	35		2670	2910

Chisel 8 Point



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	L	S	B	H	AL-BR	BE-CU
AL233-1002	BE233-1002	160	14	14		170	186
AL233-1004	BE233-1004	160	16	16		230	255
AL233-1006	BE233-1006	180	19	19		366	402
AL233-1008	BE233-1008	200	19	19		411	451
AL233-1010	BE233-1010	200	22	22		562	650
AL233-1012	BE233-1012	250	24	24		792	880
AL233-1014	BE233-1014	300	24	24		950	1052
AL233-1016	BE233-1016	300	30	30		1450	1603
AL233-1018	BE233-1018	400	27	27		1620	1780

Chisel, Diamond Point



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	L	S	B	H	AL-BR	BE-CU
AL233A-1002	BE233A-1002	200	20	13		525	580

Chisel, 8 Point(with sheath)



ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	L(mm)	S(mm)	B(mm)	H	AL-BR	BE-CU
AL233B-1002	BE233B-1002	160	14	14		220	236
AL233B-1004	BE233B-1004	160	16	16		280	305
AL233B-1006	BE233B-1006	180	19	19		416	452
AL233B-1008	BE233B-1008	200	19	19		461	501
AL233B-1010	BE233B-1010	200	22	22		612	700
AL233B-1012	BE233B-1012	250	24	24		842	930
AL233B-1014	BE233B-1014	300	24	24		1000	1102
AL233B-1016	BE233B-1016	300	30	30		1500	1653
AL233B-1018	BE233B-1018	400	27	27		1670	1830

Caulking Tool



ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	L	H	B	H	AL-BR	BE-CU
AL234-1002	BE234-1002	200	5	20		455	495
AL234-1004	BE234-1004	250	8	20		585	652

Caulking Tool



ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	B	H	AL-BR	BE-CU
AL234A-1002	BE234A-1002	50	1200			16850	18450

Wedge, Flange




ITEM CODE		SIZE(mm)				N.W. (g)	
AL-BR	BE-CU	L	B	H	H	AL-BR	BE-CU
AL235-1002	BE235-1002	80	13	6		23	25
AL235-1004	BE235-1004	100	50	10		185	201
AL235-1006	BE235-1006	135	50	18		455	497
AL235-1008	BE235-1008	150	40	8		180	200
AL235-1010	BE235-1010	150	25	8		112	122
AL235-1012	BE235-1012	150	25	13		185	205
AL235-1014	BE235-1014	150	50	13		365	400
AL235-1016	BE235-1016	180	32	13		280	305
AL235-1018	BE235-1018	180	50	19		640	700
AL235-1020	BE235-1020	200	20	30		451	490
AL235-1022	BE235-1022	200	30	30		675	740
AL235-1024	BE235-1024	200	40	40		1200	1315
AL235-1026	BE235-1026	200	50	12		450	500
AL235-1028	BE235-1028	230	40	20		690	751
AL235-1030	BE235-1030	250	40	30		1125	1230
AL235-1032	BE235-1032	300	50	40		2250	2460



ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	L(inch)	B(inch)	H(inch)	H	AL-BR	BE-CU
AL235-1001	BE235-1001	4	3/4	1/2		100	110
AL235-1003	BE235-1003	6	1	1/2		200	220
AL235-1005	BE235-1005	6	1-1/2	3/4		435	480
AL235-1007	BE235-1007	7	2	3/4		680	755
AL235-1009	BE235-1009	8	1-1/2	1		770	855
AL235-1011	BE235-1011	8-1/2	2	1-1/4		1360	1500

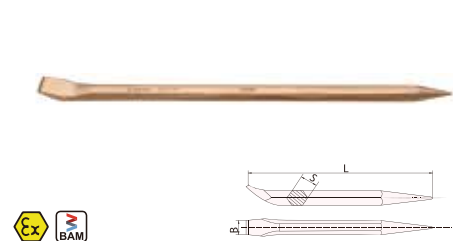
Punch, Center





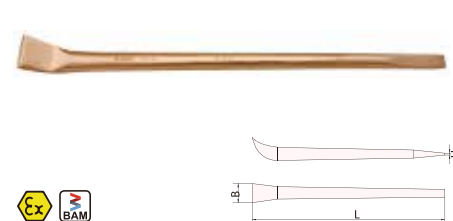
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU
AL236-1002	BE236-1002	100	16	125	145
AL236-1004	BE236-1004	150	16	205	230
AL236-1006	BE236-1006	200	18	340	392
AL236-1008	BE236-1008	300	18	540	615
AL236-1010	BE236-1010	400	18	740	820
AL236-1012	BE236-1012	500	20	1102	1230
AL236-1014	BE236-1014	500	30	2480	2740

Bar(Hex) Pinch



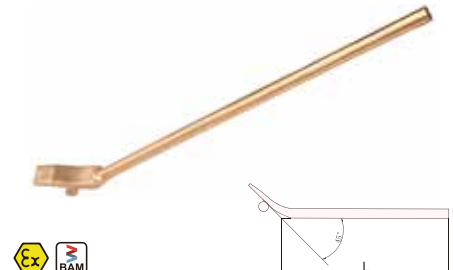
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	S	B	AL-BR	BE-CU
AL237B-1002	BE237B-1002	500	18	20	1090	1200
AL237B-1004	BE237B-1004	500	20	22	1320	1450
AL237B-1006	BE237B-1006	600	20	22	1600	1750
AL237B-1008	BE237B-1008	1000	22	24	3200	3500
AL237B-1010	BE237B-1010	1000	25	28	4080	4500
AL237B-1012	BE237B-1012	1500	25	28	6120	6750
AL237B-1014	BE237B-1014	1000	35	38	8000	8800

Bar, Pinch



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	H	B	AL-BR	BE-CU
AL237D-1001	BE237D-1001	600	3	52	2221	2435

Spike



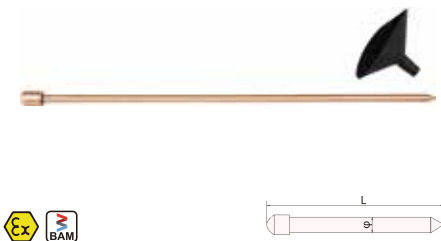
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU	BE-CU
AL237E-1002	BE237E-1002	600	22	2100	2320	

Tire Pry Bar



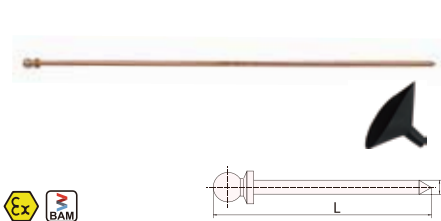
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU	BE-CU
AL237F-1002	BE237F-1002	200	22	220	255	
AL237F-1004	BE237F-1004	300	22	350	400	
AL237F-1006	BE237F-1006	600	25	1000	1150	
AL237F-1008	BE237F-1008	800	26	1500	1750	

Hearing Needle



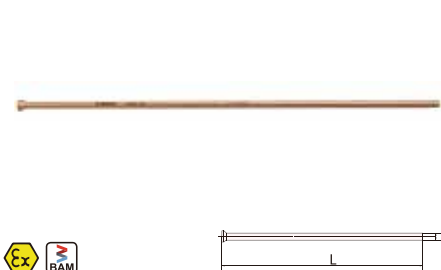
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU
AL238-1002	BE238-1002	250	6	75	85
AL238-1004	BE238-1004	300	8	135	150
AL238-1006	BE238-1006	400	7	145	160
AL238-1008	BE238-1008	500	10	305	335

Hearing Needle With Ball



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU	BE-CU
AL238A-1002	BE238A-1002	500	6	2100	2320	

Needle



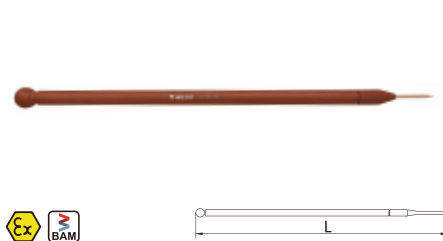
ITEM CODE		SIZE			N.W. (g)	
BE-CU	BE-CU	L(mm)	Φ(mm)	BE-CU	BE-CU	BE-CU
BE238B-1002		180	3	130		

Hearing Needle



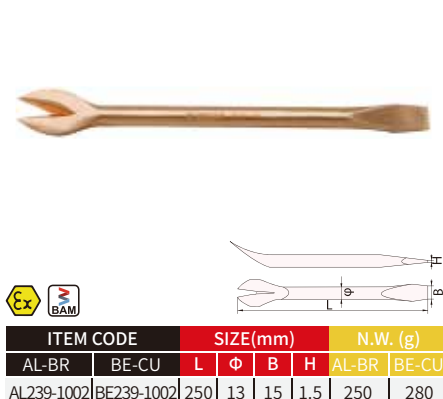
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	AL-BR	BE-CU
AL238C-1002	BE238C-1002	400-1000	300	330		

Mine Prodder



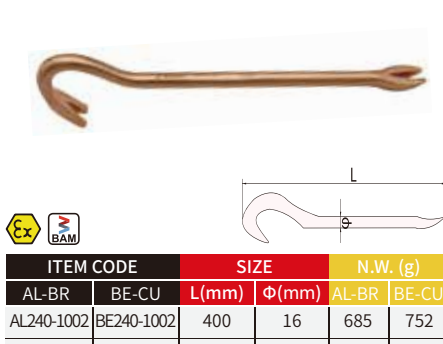
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	D(mm)	AL-BR	BE-CU	BE-CU
AL238D-1002	BE238D-1002	575-1005	5	360	400	

Bar, Wrecking



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Bar, Wrecking



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU	BE-CU
AL240-1002	BE240-1002	400	16	685	752	
AL240-1004	BE240-1004	600	16	1002	1102	
AL240-1006	BE240-1006	800	19	2011	2200	
AL240-1008	BE240-1008	1200	20	3266	3570	

Bar, Wrecking Hex



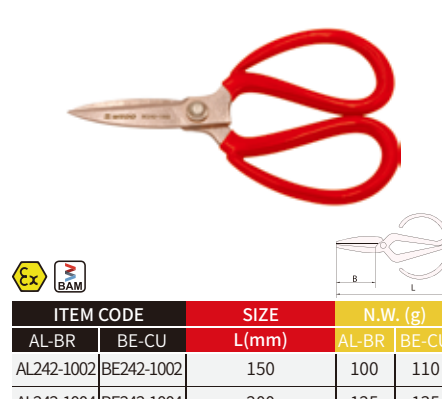
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	S(mm)	AL-BR	BE-CU	BE-CU
AL240A-1002	BE240A-1002	460	16	980	1080	
AL240A-1004	BE240A-1004	760	22	2800	3100	
AL240A-1006	BE240A-1006	920	22	3300	3650	

Crate Opener



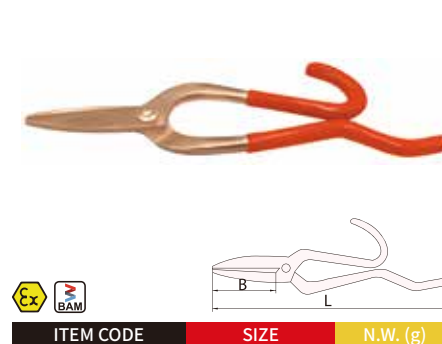
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	H(mm)	AL-BR	BE-CU	BE-CU
AL241-1002	BE241-1002	230	70	430	471	

Shears, Cutting



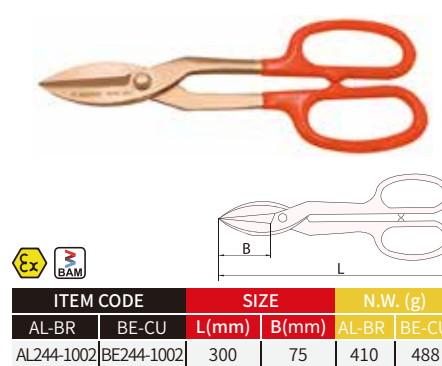
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	AL-BR	BE-CU
AL242-1002	BE242-1002	150	100	110		
AL242-1004	BE242-1004	200	125	135		

Shears, Cutting



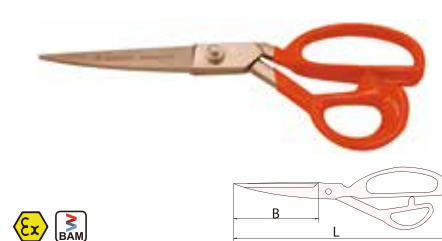
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU	BE-CU
AL243-1002	BE243-1002	270	91	215	235	
AL243-1004	BE243-1004	360	107	823	900	

Shears, Tin



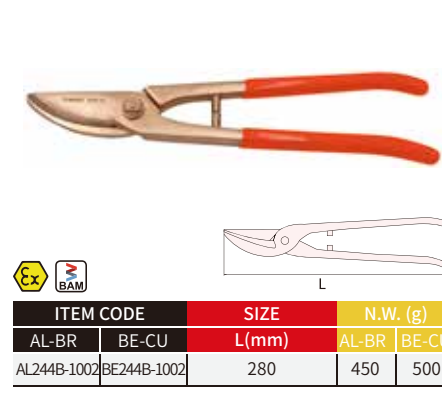
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU	BE-CU
AL244-1002	BE244-1002	300	75	410	488	

Scissors



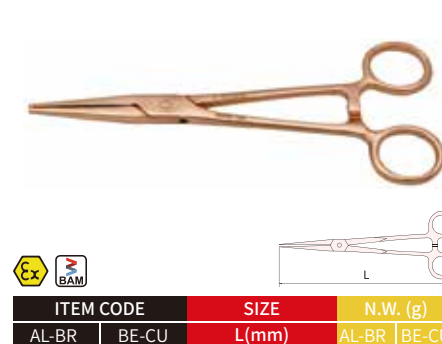
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L(inch)	L	B	AL-BR	BE-CU
AL244A-1002	BE244A-1002	9	225	98	210	245

Tinner's Snip Plate Shear



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	AL-BR	BE-CU
AL244B-1002	BE244B-1002	280	450	500		

Shears



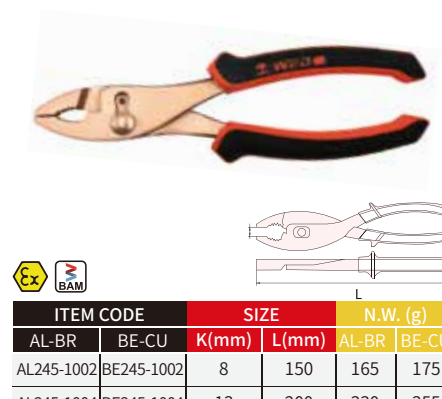
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	AL-BR	BE-CU
AL244C-1002	BE244C-1002	200	410	488		

Mini Scissors



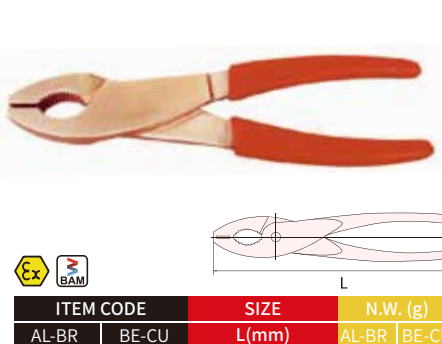
ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	AL-BR	BE-CU
AL244D-1002	BE244D-1002	195	105	115		

Pliers, Adjustable Combination



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	K(mm)	L(mm)	AL-BR	BE-CU	BE-CU
AL245-1002	BE245-1002	8	150	165	175	
AL245-1004	BE245-1004	13	200	330	355	

Gas Pliers



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	AL-BR	BE-CU
AL245A-1002	BE245A-1002	200	315	350		

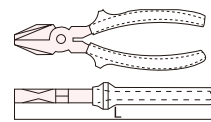


Pliers, Adjustable Combination
(Germany Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size(inch)	L(mm)	AL-BR	BE-CU
AL245B-1002	BE245B-1002	6	150	165	190
AL245B-1004	BE245B-1004	8	200	270	310

Pliers, Lineman



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL246-1002	BE246-1002	6	150	230	250
AL246-1004	BE246-1004	7	175	330	355
AL246-1006	BE246-1006	8	200	375	410
AL246-1008	BE246-1008	10	250	500	550

Germany Pliers, Combination



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL247B-1002	BE247B-1002	200	325	355	

Germany Bent Pliers, Lineman



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL247C-1002	BE247C-1002	190	295	325	

Pliers, Diagonal Cutting (American Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL248-1002	BE248-1002	6	150	200	220
AL248-1004	BE248-1004	8	200	365	410

Mini Pliers, Diagonal Cutting



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	inch	L(mm)	AL-BR	BE-CU
AL248B-1002	BE248B-1002	5	125	50	60

Pliers, Diagonal Cutting (American Type)



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL248C-1002	BE248C-1002	6	150	185	215
AL248C-1004	BE248C-1004	8	190	330	385

Pincers



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL249-1002	BE249-1002	8	200	300	325

Pincers



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL249A-1002	BE249A-1002	7	175	225	250

Pincers



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL249B-1002	BE249B-1002	6	150	175	190

Pliers, Flat Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL250-1002	BE250-1002	6	150	185	200
AL250-1004	BE250-1004	8	200	257	281

Pliers, Snipe Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL254-1002	BE254-1002	6	150	170	190
AL254-1004	BE254-1004	8	200	300	335

Germany Pliers, Snipe Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL254A-1002	BE254A-1002	200	290	320	

Germany Bent Pliers, Snipe Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL254B-1002	BE254B-1002	200	295	325	

Pliers, Round Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL255-1002	BE255-1002	6	150	175	190

Pliers, Round 45° Degree Bent



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL255A-1002	BE255A-1002	6	150	170	190

Pliers, Groove Joint



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L(inch)	L	K _{max}	AL-BR	BE-CU
AL251-1002	BE251-1002	6	150	25	160	180
AL251-1004	BE251-1004	10	250	45	370	425
AL251-1006	BE251-1006	12	300	55	600	670
AL251-1008	BE251-1008	14	350	55	770	850

Pliers, Slip Joint



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L(inch)	L	K _{max}	AL-BR	BE-CU
AL252-1002	BE252-1002	10	250	32	335	365

Pliers, Water Pump



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	K _{max}	AL-BR	BE-CU
AL252A-1002	BE252A-1002	10	250	32	310	325
AL252A-1004	BE252A-1004	12	300	52	610	665

Pliers, Slip Joint



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	K _{max} (mm)	AL-BR	BE-CU
AL252B-1002	BE252B-1002	165	25	220	250
AL252B-1004	BE252B-1004	250	35	435	500
AL252B-1006	BE252B-1006	300	38	700	780

Pliers, Snap Ring-Internal



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL256-1002	BE256-1002	8	200	265	290
AL256-1004	BE256-1004	10	250	380	415

Pliers, Snap Ring-External



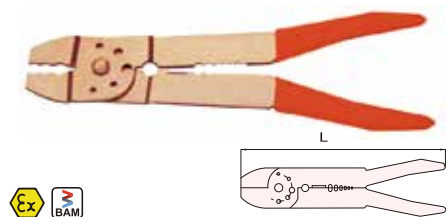
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL257-1002	BE257-1002	8	200	265	290
AL257-1004	BE257-1004	10	250	380	415

Bolt Chipper



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	D(mm)	AL-BR	BE-CU
AL257A-1002	BE257A-1002	600	6	3070	3350
AL257A-1004	BE257A-1004	900	8	8400	9250

Crimping Tool, Insulated Cable Connectors



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL257B-1002	BE257B-1002	8	200	205	225

Wire Stripping Pliers



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL257C-1002	BE257C-1002	170	205	225	

Locking Pliers



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	Size (inch)	L	D	AL-BR
AL257D-1002	BE257D-1002	10	225	40	455
					480

Wire Stripper



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL257E-1002	BE257E-1002	6	160	125	110

Stocker Plier



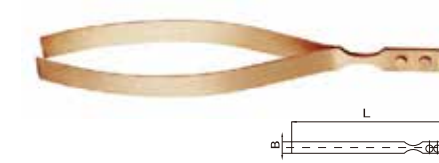
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
AL257F-1002	BE257F-1002	7	180	200	220

Tweezers, Neat Tips



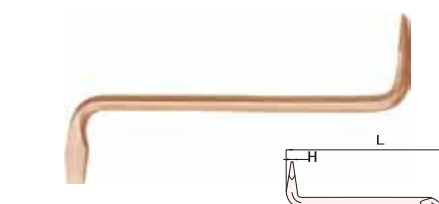
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
AL258-1002	BE258-1002	150	30	25	
AL258-1004	BE258-1004	200	50	40	

Tweezers, Flat Nose



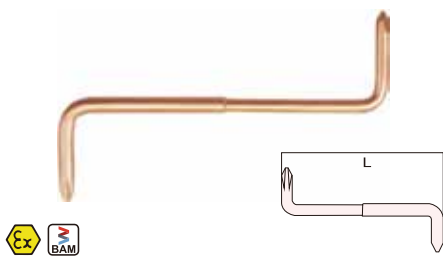
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL258A-1002	BE258A-1002	100	8	30	25
AL258A-1004	BE258A-1004	200	15	65	55

Slotted Offset Screwdriver



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L	H	K _{max}	AL-BR
AL259-1002	BE259-1002	72	1.1	6	23
AL259-1004	BE259-1004	125	1.2	8	50
AL259-1006	BE259-1006	196	1.6	10	124
					135

Phillips Offset Screwdriver



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Size	AL-BR	BE-CU
AL259A-1002	BE259A-1002	120	1#*2#	45	50

Slotted Screwdriver



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L _i	L	B	AL-BR
AL260-1002	BE260-1002	50	134	3	33
AL260-1004	BE260-1004	50	134	4.5	40
AL260-1006	BE260-1006	75	159	3	32
AL260-1008	BE260-1008	75	159	4	42
AL260-1010	BE260-1010	75	180	5	65
AL260-1012	BE260-1012	100	184	4	42
AL260-1014	BE260-1014	100	205	5	70
AL260-1016	BE260-1016	100	215	6	80
AL260-1018	BE260-1018	125	240	6	95
AL260-1020	BE260-1020	150	265	6	105
AL260-1022	BE260-1022	150	265	7	120
AL260-1024	BE260-1024	150	277	8	135
AL260-1026	BE260-1026	200	327	8	155
AL260-1028	BE260-1028	250	377	9	175
AL260-1030	BE260-1030	250	377	11	245
AL260-1032	BE260-1032	300	427	10	230
AL260-1034	BE260-1034	300	427	11	275
AL260-1036	BE260-1036	350	477	11	300
AL260-1038	BE260-1038	400	550	12	430
AL260-1040	BE260-1040	450	600	13	450
					485

Stubby Slotted Screwdriver



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	B	L _i	L	AL-BR
AL260A-1002	BE260A-1002	3	36	83	40
AL260A-1004	BE260A-1004	4	36	83	43
AL260A-1006	BE260A-1006	5	36	83	45
AL260A-1008	BE260A-1008	6	36	83	50

Phillips Screwdriver



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L _i	L	Size	AL-BR
AL261-1002	BE261-1002	50	134	0#	32
AL261-1004	BE261-1004	75	159	1#	63
AL261-1006	BE261-1006	100	205	1#	70
AL261-1008	BE261-1008	125	240	2#	95
AL261-1010	BE261-1010	150	265	2#	105
AL261-1012	BE261-1012	200	327	3#	155
AL261-1014	BE261-1014	250	377	3#	170
AL261-1016	BE261-1016	300	427	4#	230
AL261-1018	BE261-1018	350	477	4#	255
AL261-1020	BE261-1020	400	550	4#	280
AL261-1022	BE261-1022	450	600	4#	300
					320

Stubby Phillips Screwdriver



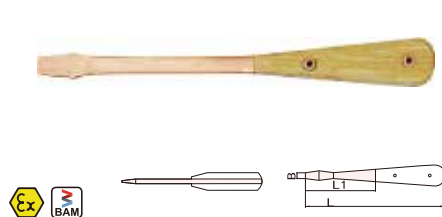
ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	Size	L _i	L	AL-BR
AL261A-1002	BE261A-1002	1#	36	83	40
AL261A-1004	BE261A-1004	1#	36	83	45
AL261A-1006	BE261A-1006	2#	36	83	50
					55

Slotted Screwdriver



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L _i	L	B	AL-BR
AL263-1002	BE263-1002	50	108	3	32
AL263-1004	BE263-1004	75	133	3	44
AL263-1006	BE263-1006	75	153	4	45
AL263-1008	BE263-1008	75	153	5	46
AL263-1010	BE263-1010	100	178	4	55
AL263-1012	BE263-1012	100	178	5	65
AL263-1014	BE263-1014	100	193	6	70
AL263-1016	BE263-1016	150	243	7	105
AL263-1018	BE263-1018	200	305	8	180
AL263-1020	BE263-1020	250	355	9	202
AL263-1022	BE263-1022	300	420	10	278
AL263-1024	BE263-1024	350	470	11	335
					365

Screwdriver



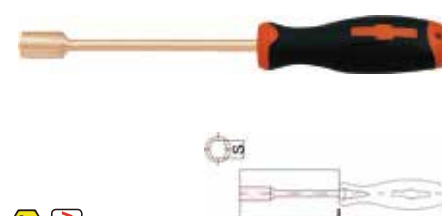
ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L	L _i	B	AL-BR
AL262-1002	BE262-1002	200	100	8	125
AL262-1004	BE262-1004	250	110	8	204
AL262-1006	BE262-1006	300	160	10	275
AL262-1008	BE262-1008	500	350	11	461
					505

Electrician Screwdriver



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L _i	L	B	AL-BR
AL263A-1002	BE263A-1002	50	134	3	35
AL263A-1004	BE263A-1004	100	184	4	45
AL263A-1006	BE263A-1006	100	215	6	90
AL263A-1008	BE263A-1008	150	277	8	135
AL263A-1010	BE263A-1010	200	327	10	210
					230

Driver Hex Nut



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L _i	L	S	AL-BR
AL263B-1002	BE263B-1002	90	205	6	81
AL263B-1004	BE263B-1004	100	215	8	85
AL263B-1006	BE263B-1006	110	225	10	130
AL263B-1008	BE263B-1008	110	237	13	172
AL263B-1010	BE263B-1010	120	247	16	205
AL263B-1012	BE263B-1012	120	247	17	218
					230

Pozidriv Screwdriver



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size	L _i (mm)	L(mm)	AL-BR
AL264-1002	BE264-1002	0#	50	134	33
AL264-1004	BE264-1004	1#	75	159	42
AL264-1006	BE264-1006	2#	100	215	80
AL264-1008	BE264-1008	3#	150	277	135
AL264-1010	BE264-1010	4#	200	327	210
					230

Torx Screwdriver



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	Size	L _i	L	AL-BR
AL264A-1002	BE264A-1002	T10*75	75	180	63
AL264A-1004	BE264A-1004	T15*75	75	180	63
AL264A-1006	BE264A-1006	T20*100	100	215	95
AL264A-1008	BE264A-1008	T25*125	125	240	100
AL264A-1010	BE264A-1010	T30*150	150	265	100
AL264A-1012	BE264A-1012	T40*200	200	327	155
AL264A-1014	BE264A-1014	T45*250	250	377	175
AL264A-1016	BE264A-1016	T50*300	300	427	195
AL264A-1018	BE264A-1018	T55*350	350	500	225
AL264A-1020	BE264A-1020	T60*400	400	550	255
					280

Screwdriver Bits



ITEM CODE		SIZE	
AL-BR	BE-CU	SIZE	
AL264B-S	BE264B-S	4.5mm, 6.5mm, 8mm	
AL264B-PH	BE264B-PH	1#, 2#, 3#, 4#	
AL264B-PZ	BE264B-PZ	1#, 2#, 3#, 4#	
AL264B-H	BE264B-H	3, 4, 5, 6, 7, 10(mm)	
AL264B-T	BE264B-T	T10, T15, T20, 125, T27, T30, T40	

Manual Impact Screwdriver Set



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size(mm)	PCS	AL-BR	BE-CU
AL264C	BE264C	8*70	2	750	825
AL264C	BE264C	PH4*70	2		
AL264C	BE264C	8*30	1		
AL264C	BE264C	PH4*30	1		

Phillips Screwdriver



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L ₁ (inch)	Size L ₁ (mm) L ₂ (mm) Φ(mm)	AL-BR	BE-CU
AL266-1002	BE266-1002	2	0 50 150 3	32	35
AL266-1004	BE266-1004	3	1 75 175 4	63	70
AL266-1006	BE266-1006	4	1 100 200 5	70	75
AL266-1008	BE266-1008	5	2 125 225 6	95	100
AL266-1010	BE266-1010	6	2 150 250 6	105	110
AL266-1012	BE266-1012	8	3 200 320 8	155	165
AL266-1014	BE266-1014	10	3 250 370 8	170	185
AL266-1016	BE266-1016	12	4 300 450 9	230	245
AL266-1018	BE266-1018	14	4 350 500 9	255	270
AL266-1020	BE266-1020	16	4 400 550 9	280	295
AL266-1022	BE266-1022	18	4 450 600 9	300	320

Marking Tool



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L	H Φ	AL-BR	BE-CU
AL267-1002	BE267-1002	400	40 12	445	502
AL267-1004	BE267-1004	600	50 16	1036	1152

Slotted Screwdriver



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L ₁	L B	AL-BR	BE-CU
AL265-1002	BE265-1002	50	150 3	33	35
AL265-1004	BE265-1004	50	150 4.5	40	43
AL265-1006	BE265-1006	75	175 3	32	35
AL265-1008	BE265-1008	75	175 4	42	45
AL265-1010	BE265-1010	75	175 5	65	70
AL265-1012	BE265-1012	100	200 4	42	45
AL265-1014	BE265-1014	100	200 5	70	75
AL265-1016	BE265-1016	100	200 6	80	85
AL265-1018	BE265-1018	125	225 6	95	100
AL265-1020	BE265-1020	150	250 6	105	110
AL265-1022	BE265-1022	150	250 7	120	125
AL265-1024	BE265-1024	150	250 8	135	140
AL265-1026	BE265-1026	200	320 8	155	165
AL265-1028	BE265-1028	250	370 9	175	185
AL265-1030	BE265-1030	250	400 11	245	260
AL265-1032	BE265-1032	300	450 10	230	245
AL265-1034	BE265-1034	300	450 11	275	290
AL265-1036	BE265-1036	350	500 11	300	320
AL265-1038	BE265-1038	400	550 12	430	450
AL265-1040	BE265-1040	450	600 13	450	470

Marking Tool



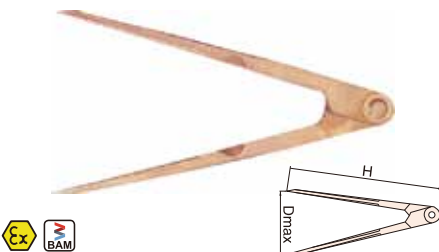
ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L	H Φ	AL-BR	BE-CU
AL268-1002	BE268-1002	187	32 4	10	15
AL268-1004	BE268-1004	252	42 4	15	20

Awl



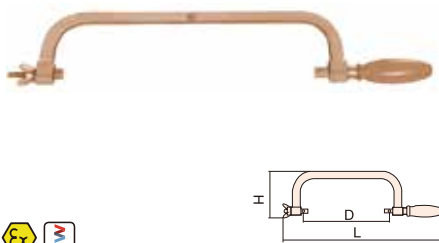
ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L ₁	Φ L	AL-BR	BE-CU
AL269-1002	BE269-1002	100	3 184	45	50

Dividers



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	D _{max} (mm)	H(mm)	AL-BR	BE-CU
AL269A-1002	BE269A-1002	200	200	150	170
AL269A-1004	BE269A-1004	400	400	360	400

Hacksaw Frame



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L	D H	AL-BR	BE-CU
AL270-1002	BE270-1002	500	300 110	590	645

Hacksaw Frame



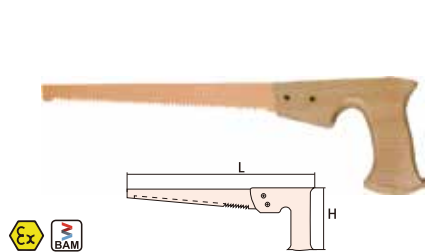
ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L	D H	AL-BR	BE-CU
AL270A-1002	BE270A-1002	470	300 90	650	720

Hacksaw Blade



ITEM CODE		SIZE(mm)		N.W. (g)	
BE-CU		L	B	BE-CU	
BE271-1002		300	12		32

Hand Saw



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	H(mm)	AL-BR	BE-CU
AL272-1002	BE272-1002	370	114	265	125

Hand Saw



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL272A-1002	BE272A-1002	700	35	520	555

3 Leg Gear Puller



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(max)		AL-BR	BE-CU
AL273-1002	BE273-1002	100		1200	1350
AL273-1004	BE273-1004	150		2500	2800
AL273-1006	BE273-1006	200		5200	5720
AL273-1008	BE273-1008	250		9700	10650

2 Leg Gear Puller



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(max)		AL-BR	BE-CU
AL273A-1002	BE273A-1002	100		1100	1250
AL273A-1004	BE273A-1004	150		2200	2450
AL273A-1006	BE273A-1006	200		4640	5130
AL273A-1008	BE273A-1008	250		8800	9600

Hydraulic Gear Puller



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Safe load(T)	Φ(mm)	AL-BR	BE-CU
AL273B-5	BE273B-5	5	200	7500	8000
AL273B-10	BE273B-10	10	250	11000	12000
AL273B-20	BE273B-20	20	350	19000	20600

Clamp



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	K(mm) B(mm)	AL-BR	BE-CU
AL274-1002	BE274-1002	210	60 36	1080	1200
AL274-1004	BE274-1004	250	80 36	1270	1400
AL274-1006	BE274-1006	290	100 36	1460	1610
AL274-1008	BE274-1008	340	150 50	1970	2155

Clamp



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	K(mm) B(mm)	AL-BR	BE-CU
AL274A-1002	BE274A-1002	76	19 19	180	200
AL274A-1004	BE274A-1004	290	115 75	5000	5600
AL274A-1006	BE274A-1006	370	165 90	10000	11100

Clamp



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	K(mm)	B(mm) L(mm)	AL-BR	BE-CU
AL274B-1002	BE274B-1002	25	26 79	220	245
AL274B-1004	BE274B-1004	38	31 99	335	370
AL274B-1006	BE274B-1006	50	36 117	445	490
AL274B-1008	BE274B-1008	75	46 152	800	880
AL274B-1010	BE274B-1010	100	56 190	1380	1520

Fork, Three Prong



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	L	B H	AL-BR	BE-CU
AL275-1002	BE275-1002	185	200 125	2150	2300

Fork, Four Prong



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
AL276-1002	BE276-1002	327	200	1965	2150

Cleaning Rust Rake



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	H	B	AL-BR	BE-CU
AL277-1002	BE277-1002	327	105	98	950	1050

Oil Funnel



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	L(mm)	B(mm)	Brass	Copper
BR278A-1002	CO278A-1002	160	130	330	330
BR278A-1004	CO278A-1004	160	150	350	350

Portable Oil Pump



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	Φ(mm)	H(mm)	Brass	Copper
BR279-1002	CO279-1002	165	1100	2315	2315

Oil Dipper



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Copper	Capacity(ml)	Φ	L	Brass	Copper
BR280-1002	CO280-1002	480	85	350	163	163

Bucket



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	Size(L)	H(mm)	Brass	Copper
BR280A-1002	CO280A-1002	10	300	1680	1680

Bucket



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	Size(L)	H(mm)	Brass	Copper
BR280B-1002	CO280B-1002	10	325	1700	1700

Hand Cadger



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	Size(L)	H(mm)	Brass	Copper
BR280C-1002	CO280C-1002	2	100	800	800

Bottom Deposit Sampler



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	Size(ml)		Brass	Copper
BR280D-1002	CO280D-1002	500		1200	1200

Bucket



ITEM CODE		SIZE(mm)		N.W. (g)	
Brass	Copper	Capacity(L)	Φ L	Brass	Copper
BR281C-1002	CO281C-1002	14	270/248	1830	1830

Bucket



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	Capacity(L)	L(mm)	Brass	Copper
BR281A-1002	CO281A-1002	15	280	2000	2000



Spinning machine production characteristics:

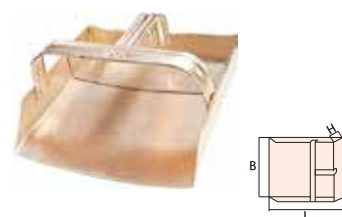
- A stamping forming process in which the slab and the mandrel rotate together, and the roller feeds and exerts pressure to make the slab adhere to the mandrel and deform locally point by point [(see figure) spinning principle].
- Spinning can manufacture all kinds of axisymmetric rotating body parts, such as loudspeaker, projectile body, high pressure container head, tam-tam; It can also be used for cylinder closing, cylinder forming, etc. The characteristics of spinning are: with a small deformation force can form a large workpiece, the use of equipment is relatively simple, small and medium-sized sheet pieces can be used for ordinary lathe spinning; The mold is simple, only one mandrel is needed, and the material requirement is low. Spinning is suitable for small batch production, because it can only process rotating parts, the limitations are large, low productivity. Special machines can be used for spinning, using copy spinning and digital control spinning. In the spinning forming at the same time to reduce the plate thickness of the process known as thin spinning, also known as strong spinning, more for processing conical parts, thin-walled tubular parts, etc., can also be used to spin large straight deep tube, and then cut into the plate.

Bucket



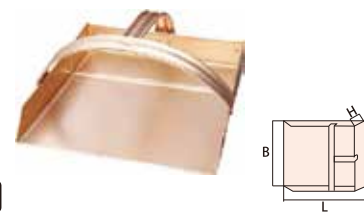
ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	Capacity(L)	H(mm)	Brass	Copper
BR281D-1002	CO281D-1002	10	250	1200	1200
BR281D-1004	CO281D-1004	15	280	1550	1550

Dustpan



ITEM CODE		SIZE(mm)		N.W. (g)	
Brass	Copper	L	B H	Brass	Copper
BR282-1002	CO282-1002	150	130 20	130	130
BR282-1004	CO282-1004	200	200 50	335	335
BR282-1006	CO282-1006	270	250 50	635	635

Dustpan



ITEM CODE		SIZE(mm)		N.W. (g)	
Brass	Copper	L	B H	Brass	Copper
BR282A-1002	CO282A-1002	150	130 20	130	130
BR282A-1004	CO282A-1004	200	200 50	335	335
BR282A-1006	CO282A-1006	270	250 50	635	635

Scoop, Sugar



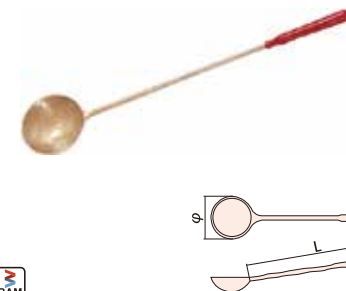
ITEM CODE		SIZE(mm)		N.W. (g)	
Brass	Copper	Capacity(L)	L H	Brass	Copper
BR283-1002	CO283-1002	1.5	350 90	580	580

Scoop, Sugar



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	B(mm)	L(mm)	Brass	Copper
BR283A-1002	CO283A-1002	75	220	200	200
BR283A-1004	CO283A-1004	140	360	645	645

Scoop



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Φ(mm)	L(mm)	AL-BR	BE-CU
AL283B-1002	BE283B-1002	112	500	1100	1220

Strainer



ITEM CODE		SIZE(mm)		N.W. (g)	
Brass	Copper	Φ(mm)	L(mm)	Brass	Copper
BR283C-1002	CO283C-1002	300	600	1800	1800

Basin



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	D(mm)	H(mm)	Brass	Copper
BR283D-1002	CO283D-1002	400	150	1250	1250

Scoop, Sugar



ITEM CODE		SIZE		N.W. (g)	
Brass	Copper	B(mm)	L(mm)	Brass	Copper
BR283E-1002	CO283E-1002	85	300	200	200
BR283E-1004	CO283E-1004	110	300	230	230

Oil Pans



ITEM CODE		SIZE	
Brass	Copper	L*B*H(mm)	
BR283F-1002	CO283F-1002	400*300*40mm	
BR283F-1004	CO283F-1004	540*380*100mm	

Brush, Flat Back, Scratch



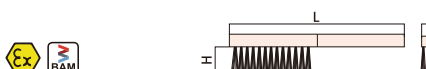
ITEM CODE		SIZE(mm)		N.W. (g)	
Brass	Phosphor Copper	L*B	Rows H	Brass	Phosphor Copper
BR284-1002	PH284-1002	205*48	6*16 41	260	260

Brush



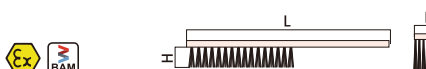
ITEM CODE		SIZE(mm)		N.W. (g)	
Brass	Phosphor Copper	L*B	Rows H	Brass	Phosphor Copper
BR285-1002	PH285-1002	290*29	4*16 28	115	115

Brush



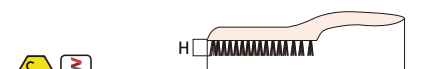
ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	L*B	Rows	H	Brass	Phosphor Copper
BR285A-1002	PH285A-1002	350*28	4*19	30	150	150

Brush



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	L*B	Rows	H	Brass	Phosphor Copper
BR286-1002	PH286-1002	215*29	6*15	15	30	30

Brush, Shoe Handle



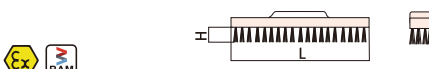
ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	L	Rows	H	Brass	Phosphor Copper
BR286A-1002	PH286A-1002	255	4*16	30	180	180

Brush, spark-plug cleaning



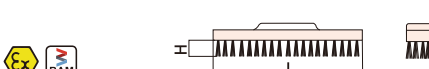
ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	L	Rows	H	Brass	Phosphor Copper
BR286B-1002	PH286B-1002	196	3*7	13	20	20

Broom, Round Wire



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	L	Rows	H	Brass	Phosphor Copper
BR286C-1002	PH286C-1002	310	6*25	55	550	550

Scrubbing Broom, Round Wire



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	L*B	Rows	H	Brass	Phosphor Copper
BR286D-1002	PH286D-1002	210*65	6*17	40	500	500

Brush, Tube



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	L _i	L	Brass	Phosphor Copper
BR287-1002	PH287-1002	20	100	320	100	100

Brush, Wheel



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	H	Φ _i	Brass	Phosphor Copper
BR288-1002	PH288-1002	75	10	6	140	140

Wheel Brush, Knot Wire



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	H	Φ _i	Brass	Phosphor Copper
BR289-1002	PH289-1002	125	15	14	440	440

Brush, Wheel, Crimped Wire



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	H	M	Brass	Phosphor Copper
BR289A-1002	PH289A-1002	125	15	14	320	320

Brush, Cup



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	H	M	Brass	Phosphor Copper
BR290-1002	PH290-1002	100	30	14	480	480

Cup Brush, Knot Wire



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	H	M	Brass	Phosphor Copper
BR290A-1002	PH290A-1002	100	30	14	580	580

Brush, End



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	H	Φ _i	Brass	Phosphor Copper
BR290B-1002	PH290B-1002	26	25	6	120	120

Brush, Ball



ITEM CODE		SIZE(mm)			N.W. (g)	
Brass	Phosphor Copper	Φ	H	M	Brass	Phosphor Copper
BR290C-1002	PH290C-1002	25				

Hoe



AL-BR	BE-CU	B(mm)	H(mm)	AL-BR	BE-CU
AL291-1002	BE291-1002	130	130	1750	1850
AL291-1004	BE291-1004	200	200	1970	2080

Shackle



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	T	K(mm)	H(mm)	AL-BR	BE-CU
AL292-1002	BE292-1002	1	30	40	130	135
AL292-1004	BE292-1004	2	33	45	500	550
AL292-1006	BE292-1006	3	37	78	8300	915
AL292-1008	BE292-1008	5	45	110	1700	1900
AL292-1010	BE292-1010	10	60	120	4000	4500

Manual Portable Oil Pump



ITEM CODE		SIZE		N.W.	
AL-BR	BE-CU	L(mm)	D(mm)	AL-BR	BE-CU
AL293-1002	BE293-1002	1350	25	5700	

Barrel Hook, Adjustable



ITEM CODE		SIZE		N.W.	
AL-BR	BE-CU	H(mm)	K(mm)	AL-BR	BE-CU
AL294-1002	BE294-1002	700	1060	3050	

Well Cover Hook



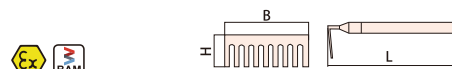
AL-BR	BE-CU	Φ(mm)	L(mm)	AL-BR
AL294A-1002	BE294A-1002	10	500	580
AL294A-1004	BE294A-1004	10	600	640

Screw Clamp



ITEM CODE		SIZE		N.W.	
AL-BR	BE-CU	B(mm)	K(mm)	AL-BR	BE-CU
AL295-1002	BE295-1002	120	400	2200	2395

Rake



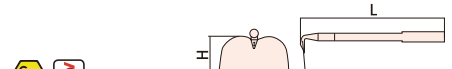
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	L	B	H	AL-BR	BE-CU
AL296-1002	BE296-1002	1270	350	100	1935	2080
AL296-1004	BE296-1004	1275	450	120	2135	2300

Chisel



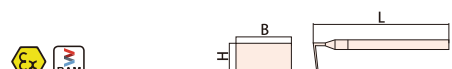
AL-BR	BE-CU	B(mm)	L(mm)	AL-BR	BE-CU
AL297-1002	BE297-1002	14	280	180	200
AL297-1004	BE297-1004	18	320	250	700

Rake



ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	B	H	L	AL-BR	BE-CU
AL298-1002	BE298-1002	300	150	1130	1400	1550

Rake



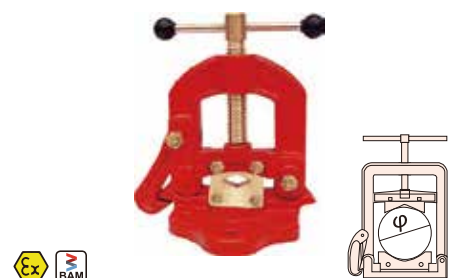
ITEM CODE		SIZE(mm)			N.W. (g)	
AL-BR	BE-CU	B	H	L	AL-BR	BE-CU
AL299-1002	BE299-1002	160	80	780	600	670

Fire, Hook



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	L(mm) L1(mm) AL-BR BE-CU
AL300-1002	BE300-1002	270 1215 1300 1365

Self Locking Pipe Vice



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	D(mm) AL-BR BE-CU
AL301-1002	BE301-1002	10-60 4425 4870
AL301-1004	BE301-1004	10-90 9420 10350
AL301-1006	BE301-1006	15-115 13900 15300
AL301-1008	BE301-1008	30-220 27800 30600
AL301-1010	BE301-1010	30-300 35000 38000

Chain Adjuster



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	S(mm) Load(T) L(mm) AL-BR BE-CU
AL302-1002	BE302-1002	6 1.12 73 200 225
AL302-1004	BE302-1004	8 2 100 450 500
AL302-1006	BE302-1006	10 3.15 137 1150 1280

Safety Belt



ITEM CODE	SIZE	N.W. (g)
AL-BR	type	AL-BR
AL303-1002	Besiege type	1200
AL303-1004	Shoulders type	1000

Tube Bender



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	Size(mm) AL-BR BE-CU
AL304-1002	BE304-1002	6, 8, 10 420 460
AL304-1004	BE304-1004	12 1500 1650
AL304-1006	BE304-1006	14 1800 2000

Pipe Cutter



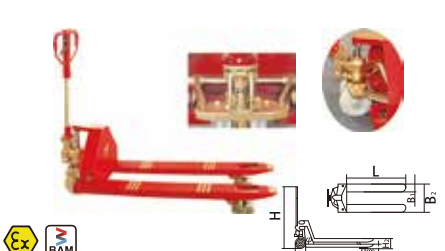
ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	D(inch) D(mm) AL-BR BE-CU
AL305-1002	BE305-1002	3/8-2 10-50 2010 2210
AL305-1004	BE305-1004	3/8-3 10-75 3700 4070

Pipe Cutter



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	D(inch) D(mm) AL-BR BE-CU
AL305A-1002	BE305A-1002	4-6 100-150 11500 12250
AL305A-1004	BE305A-1004	8-12 200-300 19000 21000

Hydraulic Pallet Truck



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	Load L(mm) H(mm) B1(mm) B2(mm)
AL306-1002	BE306-1002	2000 1190 1240 160 545

ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	H1(kg) H2(mm) Φ1(mm) Φ2(mm) Weight(kg)
AL306-1002	BE306-1002	90 190 7 3 132

Trolley For Chain Hoist(Pull Type)



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) Lifting(m) I-Beam Width(mm) AL-BR BE-CU
AL307-1002	BE307-1002	0.5 2.5 68-94 16.5 16.5
AL307-1004	BE307-1004	1 2.5 68-100 20 20
AL307-1006	BE307-1006	2 2.5 94-124 26 26
AL307-1008	BE307-1008	3 3 116-140 27.5 27.5
AL307-1010	BE307-1010	5 3 142-180 34 34
AL307-1012	BE307-1012	10 3 142-180 68 68
AL307-1014	BE307-1014	16 3 142-180 170 170

Trolley For Chain Hoist(Pull Type)



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) Lifting(m) I-Beam Width(mm) AL-BR BE-CU
AL307B-1002	BE307B-1002	0.5 2.5 68-94 16.5 16.5
AL307B-1004	BE307B-1004	1 2.5 68-100 20 20
AL307B-1006	BE307B-1006	2 2.5 94-124 26 26
AL307B-1008	BE307B-1008	3 3 116-140 27.5 27.5
AL307B-1010	BE307B-1010	5 3 142-180 34 34
AL307B-1012	BE307B-1012	10 3 142-180 68 68
AL307B-1014	BE307B-1014	16 3 142-180 170 170

Chain Hoist With Trolley



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) I-Beam Width(mm) AL-BR BE-CU
AL307C-1002	BE307C-1002	0.5 68-94 21.5 21.5
AL307C-1004	BE307C-1004	1 68-100 27.5 27.5
AL307C-1006	BE307C-1006	2 94-124 40 40
AL307C-1008	BE307C-1008	3 116-140 42 42

Chain Hoist With Trolley



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) Lifting(m) I-Beam Width(mm) AL-BR BE-CU
AL307D-1002	BE307D-1002	0.5 68-94 25 25
AL307D-1004	BE307D-1004	1 68-100 34.5 34.5
AL307D-1006	BE307D-1006	2 94-124 48 48
AL307D-1008	BE307D-1008	3 116-140 50 50

Trolley for Chain Hoist, Steerable



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) I-Beam Width(mm) AL-BR BE-CU
AL307E-1002	BE307E-1002	1 68-100 14.5 14.5

Chain Hoist



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) Lifting(m) AL-BR BE-CU
AL308-1002	BE308-1002	0.5 2.5 10.2 10.2
AL308-1004	BE308-1004	1 2.5 13.6 13.6
AL308-1005	BE308-1005	1.5 2.5 21 21
AL308-1006	BE308-1006	2 2.5 22 22
AL308-1008	BE308-1008	3 3 23.6 23.6
AL308-1010	BE308-1010	5 3 36 36
AL308-1012	BE308-1012	10 3 68.5 68.5
AL308-1014	BE308-1014	16 3 187 187

Chain Hoist



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) Lifting(m) AL-BR BE-CU
AL308A-1002	BE308A-1002	0.5 2.5 11.4 11.4
AL308A-1004	BE308A-1004	1 2.5 18.4 18.4
AL308A-1006	BE308A-1006	2 2.5 27.9 27.9
AL308A-1008	BE308A-1008	3 3 28.3 28.3
AL308A-1010	BE308A-1010	5 3 54 54

Ratchet Lever Hoist



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Capacity(T) Lifting(m) AL-BR BE-CU
AL308B-1002	BE308B-1002	0.75 1.5 7.7 7.7
AL308B-1004	BE308B-1004	1.5 1.5 11.8 11.8
AL308B-1006	BE308B-1006	3 1.5 21 21
AL308B-1008	BE308B-1008	6 1.5 32 32
AL308B-1010	BE308B-1010	9 1.5 47 47

Come Along



ITEM CODE	SIZE	N.W. (kg)
AL-BR	BE-CU	Size(T) AL-BR BE-CU
AL308C-1002	BE308C-1002	1 3 3
AL308C-1004	BE308C-1004	2 4.5 4.5
AL308C-1006	BE308C-1006	3 6.3 6.3
AL308C-1008	BE308C-1008	4 7.8 7.8

Torque Wrench



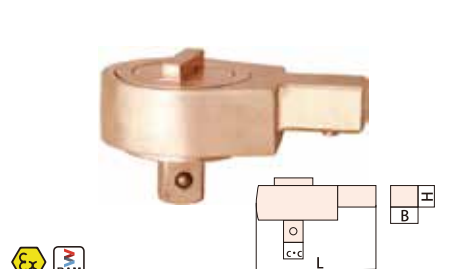
ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	C(inch) Torque(N.m) L(mm) AL-BR BE-CU
AL309-1002	BE309-1002	3/8 100 310 540 600
AL309-1004	BE309-1004	1/2 260 490 1210 1340
AL309-1006	BE309-1006	3/4 450 560 1930 2050

Lock Torque Wrench-Window Display



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	C(inch) Torque(N.m) L(mm) AL-BR BE-CU
AL309A-1000	BE309A-1000	1/4 5-25 290 800 850
AL309A-1002	BE309A-1002	3/8 10-50 360 920 980
AL309A-1004	BE309A-1004	1/2 20-100 405 1020 1100
AL309A-1006	BE309A-1006	1/2 40-200 500 1200 1320
AL309A-1008	BE309A-1008	1/2 60-260 595 1330 1500
AL309A-1010	BE309A-1010	3/4 150-670 1040 4930 5700
AL309A-1012	BE309A-1012	1 200-900 1253 8500 10000

Rectangular Reversible Ratchet Head



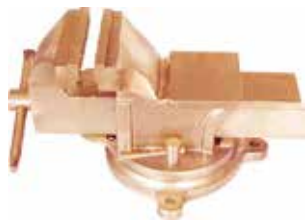
ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	H*B(mm) C(inch) L(mm) AL-BR BE-CU
AL309B-1002	BE309B-1002	9*12 3/8 50 150 165
AL309B-1004	BE309B-1004	14*18 1/2 78 400 445

Flange Prop



ITEM CODE	SIZE	N.W. (g)
AL-BR	BE-CU	Size(mm) AL-BR BE-CU
AL310-1002	BE310-1002	FZM16-24 6600 7300
AL310-1004	BE310-1004	FZM27-36 9000 9900

Parallel Vice



ITEM CODE		SIZE(mm)		N.W. (g)	
AL-BR	BE-CU	B	Kmax	AL-BR	BE-CU
AL311-1002	BE311-1002	90	90	7400	8150
AL311-1004	BE311-1004	125	125	12500	14000
AL311-1006	BE311-1006	150	150	15000	17500
AL311-1008	BE311-1008	170	170	15400	18000

Hand Vise



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	K(mm)	L(mm)	AL-BR	BE-CU
AL311A-50	BE311A-50	50	165	830	915

Releasing Static Device



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	D(mm)	AL-BR	BE-CU
AL313-1002	BE313-1002	1150	90	3700	3900

Releasing Static Device



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	D(mm)	AL-BR	BE-CU
AL313B-1002	BE313B-1002	1000	90	2700	2900

Drill Bit



ITEM CODE		SIZE		N.W. (g)	
BE-CU		Φ(mm)	L(mm)	BE-CU	
BE312-1002		6	100	20	
BE312-1004		7	120	30	
BE312-1006		8	140	50	
BE312-1008		9	160	75	
BE312-1010		10	180	100	
BE312-1012		11	200	120	
BE312-1014		12	220	170	
BE312-1016		13	240	220	
BE312-1018		14	260	280	
BE312-1020		15	280	360	
BE312-1022		16	300	440	
BE312-1024		17	300	500	
BE312-1026		18	320	600	
BE312-1028		19	320	700	
BE312-1030		20	330	800	

Screw Jack



ITEM CODE		SIZE			
AL-BR	BE-CU	Model	Capacity (T)	MIN.H (T)	Lifting (T)
AL314-1002	BE314-1002	FBQL3.2	3.2	220	110
AL314-1004	BE314-1004	FBQL5	5	250	130
AL314-1006	BE314-1006	FBQL10	10	280	150
AL314-1008	BE314-1008	FBQL16	16	320	180

Packing Tool



ITEM CODE		N.W. (g)	
AL-BR	BE-CU	AL-BR	BE-CU
AL315-1002	BE315-1002	800	900

Hydraulic Screw Jack



Hydraulic Cylinder

ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Model	Height (mm)	Lifting (mm)	AL-BR/BE-CU
AL316-1002	BE316-1002	ZBYG-10B	48	58	1600
AL316-1004	BE316-1004	ZBYG-20B	56	67	2700
AL316-1006	BE316-1006	ZBYG-30B	62	75	4600
AL316-1008	BE316-1008	ZBYG-50B	72	88	7800



Pumps

ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Model	Working Pressure (bar)	Oil capacity (L)	AL-BR/BE-CU
AL316A-1002	BE316A-1002	ZBB-700C	70	600-350	110

Ruler



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size(mm)		AL-BR	BE-CU
AL317-1002	BE317-1002	500		190	140
AL317-1004	BE317-1004	1000		390	290

T Square



ITEM CODE		SIZE		N.W. (g)	
Brass		Size(mm)		Brass	
BR318-1002		1000		1450	

Filler Gauge



ITEM CODE		SIZE		N.W. (g)	
Brass		Size(mm)		Brass	
BR319-1002		0.05-1.0		70	

L-Square Ruler



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	Size(mm)		AL-BR	BE-CU
AL320-1002	BE320-1002	150*300		145	165
AL320-1004	BE320-1004	250*500		250	275

Block Device



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	Φ(mm)	AL-BR	BE-CU
AL323-1002	BE323-1002	390	35	1150	1320
AL323-1004	BE323-1004	390	75	2650	3050

Hex Key Set



ITEM CODE		SIZE	
AL-BR	BE-CU	Size(mm)	
ALS-A-9	BES-A-9	1.5,2,2.5,3,4,5,6,8,10	
ALS-A-11	BES-A-11	2,3,4,5,6,7,8,9,10,11,12	
ALS-A-13	BES-A-13	2,3,4,5,6,7,8,9,10,11,12,13,14	

Double Open End Wrench Set



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	SPECIFICATION(mm)		AL-BR	BE-CU
ALA-9	BEA-9	8*10,10*12,12*14,14*17,17*19,19*22,22*24,24*27,30*32		2570	2810
ALA-10	BEA-10	8*10,10*12,12*14,14*17,17*19,19*22,22*24,24*27,30*32		3000	3295
ALA-11	BEA-11	8*10,9*11,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32		3230	3530
ALA-12	BEA-12	6*7,8*9,10*11,12*13,14*15,16*17,18*19,20*22,21*23,24*26,25*28,30*32		2612	2869
ALA-13	BEA-13	5.5*7,6*7,8*10,9*11,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32		3295	3610

Combination Wrench Set



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	SPECIFICATION(mm)		AL-BR	BE-CU
ALB-9	BEB-9	8,10,12,14,17,19,22,24,27		1655	1815
ALB-10	BEB-10	10,12,14,17,19,22,24,27,30,32		2721	3008
ALB-11	BEB-11	8,10,12,14,17,19,22,24,27,30,32		2955	3235
ALB-12	BEB-12	6,8,10,12,14,17,19,22,24,27,30,32		2975	3257
ALB-13	BEB-13	8,10,12,13,14,16,17,19,22,24,27,30,32		3175	3485

Double Box Offset Wrench Set



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	SPECIFICATION(mm)		AL-BR	BE-CU
ALC-9	BEC-9	8*10,10*12,12*14,14*17,17*19,19*22,22*24,24*27,30*32		2575	2815
ALC-10	BEC-10	8*10,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32		3460	3520
ALC-11	BEC-11	8*10,9*11,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32		3275	3585
ALC-12	BEC-12	6*7,8*9,10*11,12*13,14*15,16*17,18*19,20*22,21*23,24*26,25*28,30*32		3631	3965
ALC-13	BEC-13	5.5*7,6*7,8*10,9*11,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32		3320	3630

Tool Set-6pcs



ITEM CODE		DESCRIPTION		SPECIFICATION	
AL-BR	BE-CU				
AL01-6	BE01-6	Slotted Screwdriver Phillips Screwdriver Wrench, Adjustable Crate Opener Pliers, Water Pump Pliers, Adjustable Combination Tool Case		5*75mm #2*125mm 200mm 230mm 10" 6"	

Tool Set-9pcs



ITEM CODE		DESCRIPTION		SPECIFICATION	
AL-BR	BE-CU				
AL02-9	BE02-9	Wrench, Adjustable Pliers, Lineman Pliers, Water Pump Slotted Screwdriver Phillips Screwdriver Hammer, Cross Pein Engineers' Knife, Putty Tool Case		300mm 200mm 250mm 6*150mm 8*200mm #2*150mm #3*200mm 1kg 50*203mm	

Tool Set-10pcs



ITEM CODE		DESCRIPTION		SPECIFICATION	
AL-BR	BE-CU				
AL03-10	BE03-10	Slotted Screwdriver Phillips Screwdriver Wrench, Adjustable Hammer, Claw Pliers, Water Pump Knife, Putty Knife, Common Pliers, Adjustable Combination Wrench, Pipe (American Type) Tool Case		5/16**3" #2*4" 6", 10" 0.45kg 10" 1-1/4**3-9/16" 3-1/8" 6" 10"	



ITEM CODE	DESCRIPTION	SPECIFICATION
BE-CU		
BE04-15	Drill Bit	6"100mm ,7"120mm 8"140mm ,9"160mm 10"180mm ,11"200mm 12"220mm ,13"240mm 14"260mm ,15"280mm 16"300mm ,17"300mm 18"320mm ,19"320mm 20"330mm
	Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL05-15	BE05-15	Wrench, Double Open End	(8*10,10*12, 12*14,14*17, 17*19,19*22, 22*24,24*27, 30*32)mm
		Wrench, Adjustable	250mm
		Pliers, Lineman	200mm
		Pliers, Long Nose	200mm
		Slotted Screwdriver	8*200mm
		Phillips Screwdriver	#3*200mm
		Hammer, Ball Pein	0.91kg
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL06-16	BE06-16	Wrench, Double Flat Box(DIN837)	8"10mm 10"12mm
			14"17mm 19"22mm
		Wrench, Adjustable	250mm
		Wrench, Pipe (American Type)	350mm
		Pliers, Water Pump	250mm
		Pliers, Adjustable Combination	150mm 200mm
		Slotted Screwdriver	6"150mm
		Phillips Screwdriver	#2"150mm
		Hammer, Claw	0.45kg
		Knife, Putty	25"200mm
		Knife	250mm
		Scraper, Deck	45"300mm
	4"16		
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL10-17	BE10-17	Wrench, Pipe (American Type)	350mm
		Wrench, Adjustable	200mm, 300mm
		Wrench, Combination	114.17, 19.22, 24, 27mm
		Pliers, Lineman	200mm
		Pliers, Long Nose	200mm
		Pliers, Adjustable Combination	200mm
		Punch, Machinists'	Φ18"160mm
		Chisel, Flat	Φ18"160mm
		Slotted Screwdriver	6"150mm
		Phillips Screwdriver	#2"150mm
		Hammer, Ball Pein	0.91kg
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL12-17	BE12-17	Bar, Wrecking	19*800mm
		Wrench, Adjustable	30*250, 36*300 , 46*375(mm)
		Hammer, Ball Pein	450g
			680g
		Hammer, Scaling	300g
		Hammer, Sledge	2500g
		Scraper, Deck	300mm
		Scraper, Arched	100mm
		Slotted Screwdriver	8*200mm
			6*150mm
		Chisel Hex/6 Point	18*160mm
		Chisel, Flat	24*250mm
		Wrench, Pipe (American Type)	200, 250 , 350mm
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL14-20	BE14-20	Wrench, Pipe (American Type)	50"350
		Wrench, Combination	(10,11,12,13,14,17,19,22)mm
		Phillips Screwdriver	#1"100mm
		Slotted Screwdriver	150"8mm
		Wrench, Adjustable	30"250mm
		Pliers, Lineman	200mm
		Pliers, Long Nose	200mm
		Hammer, Claw	680g
		Brush, Shoe handle	4"16
		Scraper, Deck	300mm
		Knife, Putty	25"200
		Knife	137"250
	Pliers, Water Pump	250mm	
	Tool Case		



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL07-16	BE07-16	Slotted Screwdriver	3*75mm
		Phillips Screwdriver	#3*200mm
		Wrench, Adjustable	8" 12"
		Hammer, Claw	0.45kg
		Crate Opener	230mm
		Pliers, Water Pump	12"
		Knife, Putty	200MM
		Knife	250MM
		Shears, Tin	12"
		Pliers, Long Nose	8"
		Pliers, Adjustable Combination	8"
		Scraper, Spray Booth	3"
Scraper, Deck	380mm		
Wrench, Pipe (American Type)	14"		
Wrench, Bung	300mm		
Tool Case			



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL08-15	BE08-15	Knife, Putty	50*203mm
		Pliers, Water Pump	300mm
		Shears, Tin	300mm
		Wrench, Adjustable	24*200, 36*300mm
		Wrench, Bung	385mm
		Pliers, Lineman	200mm
		Pliers, Long Nose	200mm
		Hammer, Claw	680g
		Brush, Shoe handle	4*16
		Knife	137*250mm
		Scraper, Deck	300mm
		Slotted Screwdriver	6*150mm
Phillips Screwdriver	8*200mm		
		Wrench, Pipe (American Type)	50*350mm
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL09-16	BE09-16	Phillips Screwdriver	#1"75mm #1"100mm
		Slotted Screwdriver	4"100mm, 5"100mm
		Wrench, Hex Key with Ball	(2,3,4,5,6,8,10)mm
		Pliers, Lineman	6"
		Pliers, Diagonal Cutting	6"
		Pliers, Long Nose	6"
		Pliers, Water Pump	250mm
		Wrench, Adjustable	24"200mm
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL11-17	BE11-17	Pliers, Round Nose	150mm
		Pliers, Flat Nose	150mm
		Pliers, Diagonal Cutting	150mm
		Pliers, Lineman	150mm
		Tweezer, Neat Tips	150mm
		Wire Stripping Pliers	170mm
		Wrench, Adjustable	18" 150mm
		Slotted Screwdriver	3"75mm, 4"100mm
			6"150mm
		Phillips Screwdriver	#0"50mm
		#1"75mm	
	Wrench, Hex Key with Ball	3mm, 4mm , 5mm	
	Knife	250mm	
	Scissors	225mm	
	Tool Case		



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL13-20	BE13-20	Phillips Screwdriver	#1*75mm
		Slotted Screwdriver	5*100mm
		Pliers, Lineman	6"
		Wrench, Adjustable	12"
		Wrench, Pipe (American Type)	250mm
		Hammer, Sledge	4p
		Knife, Putty	65*203mm
		Wrench, Combination	(8, 10, 12, 13, 14, 17, 19, 22, 24) mm
		Chisel, Flat	14*160mm
		Punch, Machinists'	20*300mm
		Wrench, Hex Key	4mm
		Pliers, Diagonal Cutting	6"
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL15-26	BE15-26	Chisel, Flat	18"200mm
		Wrench, Adjustable	150mm
		Pliers, Lineman	200mm
		Pliers, Adjustable Combination	200mm
		Pliers, Long Nose	150mm
		Slotted Screwdriver	#2"150, 8"200mm
		Phillips Screwdriver	#2"150, #3"200mm
		Socket (1/2")	(8,10,12,14,17)mm
		Sliding T Handle	1/2"250mm
		Hammer, Testing	0.15kg
		Wrench, Combination	(8,10,12,14,17)mm
		Wrench, Hex Key	(4,5,6, 8,10)mm
		Tool Case	

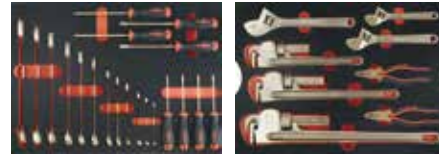
Tool Set-26pcs

Tool Set-28pcs

Tool Set-36pcs



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL16-26	BE16-26	Wrench, Pipe (American Type)	450mm,250mm
		Wrench, Adjustable	375mm,300mm 200mm,150mm
		Hammer, Ball Pein	0.91kg
		Pliers, Lineman	200mm
		Pliers, Long Nose	200mm
		Slotted Screwdriver	6*150mm,8*200mm
		Phillips Screwdriver	#2*150mm,#3*200mm
		Valve Handle	500mm
		Wrench, Double Box Offset	30*27mm,27*24mm
		Wrench, Double Open End	24*22mm,22*19mm 19*17mm,17*14mm 30*32mm,27*30mm
		Wrench, Double Open End	24*27mm,22*24mm 19*22mm,17*19mm
		Tool Case	



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL18-28	BE18-28	Phillips Screwdriver	#1*100mm (2pcs) #2*150mm (2pcs)
		Slotted Screwdriver	5*100mm (2pcs)
		Wrench, Combination	7*150mm (2pcs) (8,10,12,14,17,19,22,24,27,30,32,36) mm
		Wrench, Adjustable	24*200mm 30*250mm,36*300mm
		Wrench, Pipe (American Type)	60*450mm 50*350mm,75*600mm
		Pliers, Lineman	8"(2pcs)
		Tool Case	

ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL20-36	BE20-36	Wrench, Double Open End	(5.5*7, 6*7,8*10,9*11,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32) mm
		Wrench, Combination	(8,10,13,16,30,32) mm (each 3pcs)
		Wrench, Pipe (American Type)	300mm (2pcs)
		Wrench, Adjustable	450mm (2pcs)
		Hammer, Ball Pein	450g
		Tool Case	

Tool Set-28pcs

Tool Set-34pcs

Tool Set-37pcs



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL17-28	BE17-28	Hammer, Sledge	1.8kg
		Hammer, Ball Pein	0.91kg
		Hammer, Claw	0.45kg
		Wrench, Pipe (American Type)	300mm, 450mm
		Wrench, Adjustable	200mm, 300mm
		Wrench, Combination	(8,10,12,14,17,19,22,24,27,30,32) mm
		Pliers, Lineman	200mm
		Pliers, Long Nose	200mm
		Pliers, Adjustable Combination	200mm
		Bar	Φ25*500mm
		Chisel, Flat	Φ25*300mm
		Slotted Screwdriver	6*100,8*200mm
		Phillips Screwdriver	#1*100, #3*200mm
		Valve Handle	400mm
		Tool Case	

ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL19-34	BE19-34	Wrench, Double Open End	(6*7,8*10,9*11,10*12,12*13,14*15,16*18,17*19,20*22,21*23,24*27,27*30,32*36)mm
		Wrench, Hex Key	1/16", 3/32" (2, 3, 4, 5, 6, 8, 10)mm
		Slotted Screwdriver	8*150mm, 5*100mm
		Phillips Screwdriver	4*75mm, 3*50mm
		Phillips Screwdriver	3*50mm, 5*100mm, 6*150mm
		Tweezer, Neat Tips	150mm
		Pliers, Water Pump	250mm
		Wrench, Adjustable	250mm
		Pliers, Diagonal Cutting	6"
		Pliers, Long Nose	6"
		Tool Case	

ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL23-37	BE23-37	Wrench, Combination	(10,11,12,13,14,15,17,19,22,24)mm
		Pliers, Water Pump	250mm
		Knife	137*250
		Knife, Putty	50*203mm
		Brush, Shoe handle	4*16
		Wrench, Hex Key	(2,3,4,5,6,8,10)mm
		Pliers, Lineman	200mm
		Pliers, Diagonal Cutting	150mm
		Wrench, Swedish Type 45°	38*430mm
		Wrench, Adjustable	30*250mm 36*300mm
		Hammer, Cross Pein Engineers'	500g
		Hammer, Sledge (German Type)	2000g
		Slotted Screwdriver	100*5, 150*8
		Phillips Screwdriver	75mm, 150mm
		Chisel, Flat	20*200mm
		Chisel,Cross Cutting	200mm
		Punch	5*11*150mm
		Scissors	8*14*150mm
		Tool Case	225mm

Tool Set-36pcs

Tool Set-40pcs

Tool Set-50pcs



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL21-36	BE21-36	Tweezer, Neat Tips	200mm
		Marking Tool	187mm
		Knife	193mm
		Scissors	225mm
		Hacksaw Frame	500mm
		Hacksaw Blade	300mm
		Knife, Putty	40*200mm
		Brush	350*28mm
		Slotted Screwdriver	3*50mm
		Slotted Offset Screwdriver	4*75mm, 6*100mm
		Phillips Screwdriver	6*72mm
		Pliers, Adjustable Combination	8*125mm, 10*196mm
		Pliers, Flat Nose	#1*75mm, #2*125mm
		Pliers, Long Nose	#3*200mm, #4*300mm
		Pliers, Round Nose	200mm
		Pliers, Lineman	150mm
		Pliers, Diagonal Cutting	150mm
		Wire Stripping Pliers	150mm
		Pliers, Round Nose	170mm
		Pliers, Flat Nose	150mm
		Wrench, Adjustable	200mm
		Wrench, Pipe (American Type)	150mm, 250mm
		Hammer, Ball Pein	350mm
		Club Hammer	0.68kg
		Chisel, Flat	4LB
		Bar	16*160mm
		Bar, Wrecking	25*300mm
		Tool Case	15*500mm 400mm

Tool Set-36pcs



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL22-36	BE22-36	Hammer, Sledge	1.8kg
		Hammer, Ball Pein	0.91kg
		Wrench, Pipe (American Type)	450mm
		Wrench, Adjustable	150mm 200mm
		Wrench, Combination	10mm 8mm
		Pliers, Lineman	200mm 150mm
		Pliers, Long Nose	150mm
		Pliers, Adjustable Combination	200mm
		Pliers, Round Nose	150mm
		Pliers, Flat Nose	150mm
		Pliers, Diagonal Cutting	150mm
		Slotted Screwdriver	4*75mm, 5*100mm
		Phillips Screwdriver	6*150mm, 8*200mm
		Slotted Offset Screwdriver	#1*75mm, #1*100mm
		Chisel 8 Point	#2*150mm, #3*200mm
		Shears, Cutting	6*72mm
		Knife	8*125mm
		Knife, Putty	10*196mm
		Tweezer, Neat Tips	4*75mm, 5*100mm
		File, Triangle	6*150mm, 8*200mm
		Hearing Needle	#1*75mm, #1*100mm
		Marking Tool	#2*150mm, #3*200mm
		Hand saw	6*72mm
		Hacksaw Frame	8*125mm, 10*196mm
		Hacksaw Blade	16*160mm
		Brush, Flat Back, Scratch	250mm
		Tool Case	250mm

ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL24-40	BE24-40	Hammer, Sledge	1kg
		Hammer, Claw	0.23kg
		Hammer, Ball Pein	0.45kg
		Wrench, Pipe (American Type)	200mm
		Wrench, Adjustable	150mm,250mm
		Pliers, Lineman	150mm
		Pliers, Long Nose	150mm
		Pliers, Flat Nose	150mm
		Pliers, Diagonal Cutting	150mm
		Pliers, Adjustable Combination	150mm
		Pincers	200mm
		Shears, Cutting	150mm
		Slotted Screwdriver	4*75mm
		Phillips Screwdriver	5*100mm
		Slotted Offset Screwdriver	6*150mm
		Wrench, Hex Key	#1*75mm
		Chisel Hex/6 Point	#1*100mm
		Bar, Wrecking	#2*150mm
		Knife	6*72mm
		Knife, Putty	8*125mm
		Tweezer, Neat Tips	10*196mm
		File, Triangle	4*75mm, 5*100mm
		Hearing Needle	6*150mm, 8*200mm
		Marking Tool	#1*75mm, #1*100mm
		Hand saw	#2*150mm, #3*200mm
		Hacksaw Frame	6*72mm
		Hacksaw Blade	8*125mm
		Brush, Flat Back, Scratch	10*196mm
		Tool Case	4*75mm

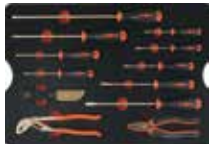
ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL25-50	BE25-50	Hammer, Sledge	1.8kg
		Hammer, Ball Pein	0.91kg
		Hammer, Claw	0.45kg
		Wrench, Pipe (American Type)	300mm
		Wrench, Adjustable	450mm
		Wrench, Combination	200mm*24mm
			300mm*36mm
			8mm
			10mm
			12mm
			14mm
			17mm
			19mm
			22mm
			24mm
		Pliers, Lineman	200mm
		Pliers, Long Nose	200mm
		Pliers, Adjustable Combination	200mm
		Bar	Φ25*500mm
		Chisel, Flat	Φ25*300mm
		Punch, Machinists'	Φ20*300mm
		Slotted Screwdriver	5*100mm
		Phillips Screwdriver	8*200mm
			#1*100mm
			#3*200mm
		Valve Handle	400mm
		Knife	250mm
		Hacksaw Frame	500mm
		Hacksaw Blade	300mm
		Socket (1/2")	10mm
			11mm
			12 mm
			14mm
			17mm
			19mm
		Ratchet Wrench	1/2*245mm
		Driver Extension	125mm
			250mm
		Speed Handle	390MM
		Sliding T Handle	250mm
		Universal Joint	1/2"
		Knife, Putty	25*200mm
		Tool Case	

NON-SPARKING-TOOLS

Tool Set-62pcs

Tool Set-68pcs

Tool Set-85pcs



ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL26-62	BE26-62	Wrench, Adjustable	200mm 250mm 300mm
		Wrench, Combination	8mm 10mm 12mm 14mm 17mm
			19mm 22mm 24mm 27mm
			3/8"
			1/2"
		Wrench, Combination	9/16"
			5/8"
			11/16"
			3/4"
			13/16"
		Wrench, Pipe (American Type)	7/8"
			1"
			200mm
			350mm
			250mm
		Pliers, Groove Joint	150mm
			200mm
		Pliers, Adjustable Combination	200mm
			150mm
		Pliers, Lineman	150mm
			200mm
		Pliers, Long Nose	150mm
			200mm
		Slotted Screwdriver	4*75mm
			5*100mm
		Phillips Screwdriver	6*150mm
			8*200mm
			#1*75mm
			#1*100mm
			#2*150mm
		Bar, Wrecking	#3*200mm
			400mm
			Bar, Pinch
			Φ19*500
			250mm
		Knife	40*203mm
			50*203mm
		Knife, Putty	65*203mm
			350mm
		Scraper, Deck	385mm
			16*160mm
		Wrench, Bung	18*200mm
			0.5kg, 1kg
		Hammer, Cross Pein Engineers'	0.45kg
			8mm
		Hammer, Claw	10mm
			13mm
		Socket (1/2")	14mm
			16mm
		Driver Extension	17mm
			19mm
		Ratchet Wrench	21mm
			22mm
		Hinged Handle	26mm
			200mm
		Tool Case	245mm
			250mm

ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL27-68	BE27-68	Socket (1/2")	8mm 10mm 12mm 13mm 15mm 16mm 17mm 18mm 19mm 22mm 24mm 27mm 30mm
		Internal Hexagon Socket	1/4*8 1/4*10 1/2***12mm 1/4***12mm
			1/2***80
			1/2***245
			1/2***100
		Universal Joint	18*150
			24*200
			36*300
			7mm
			8mm
		Ratchet Wrench	10mm
			12mm
			13mm
			15mm
			16mm
		Driver Extension	17mm
			18mm
			19mm
			22mm
			24mm
		Wrench, Adjustable	27mm
			30mm
			3mm
			4mm
			5mm
		Wrench, Combination	6mm
			7mm
			8mm
			9mm
			10mm
		Wrench, Hex Key	11mm
			12mm
			13mm
			14mm
			15mm
		Hammer, Ball Pein	16*160mm
			185mm
			1000g
			340g
			30*200mm
		Hammer, Sledge	14*150mm
			6*12*115
			8*14*120
			10*16*145
			200mm
		Knife, Common	6"
			10"
			6"
			1-1/16"
			1-1/4"
		Scraper, Flat	(1.5, 2, 2.5, 3, 4, 5, 6, 8, 10) mm
			1/16", 5/64"
			3/32", 1/8"
			5/32", 3/16"
			7/32", 1/4"
		Punch, Machinists'	5/16", 3/8"
			7/16"
			300mm
			100mm
			125mm
		Drift Cylindrical	200mm
			300mm
			100mm
			125mm
			300mm
		Phillips Screwdriver	100mm
			125mm
			200mm
			300mm
			300mm
		Tool Case	100mm
			125mm
			200mm
			300mm
			300mm

ITEM CODE		DESCRIPTION	SPECIFICATION
AL-BR	BE-CU		
AL28-85	BE28-85	Tweezer, Neat Tips	200mm
		Marking Tool	187mm
		Knife	193mm
		Scissors	225mm
		Hacksaw Frame	500mm
		Hacksaw Blade	300mm
		Knife, Putty	40*200mm
		Brush	4*19
		Slotted Screwdriver	3*50mm
			6*150mm
		Slotted Offset Screwdriver	6*100mm
			8*150mm
		Phillips Screwdriver	8*200mm
			6*72mm
		Phillips Screwdriver	8*125mm
			10*196mm
		Phillips Screwdriver	#1*75
			#2*125
		Phillips Screwdriver	#3*200
			#3*250
		Pliers, Adjustable Combination	200mm
			150mm
		Pliers, Flat Nose	150mm
			150mm
		Pliers, Long Nose	150mm
			150mm
		Pliers, Diagonal Cutting	170mm
			150mm
		Wire Stripping Pliers	150mm
			200mm
		Pliers, Round Nose	150mm
			250mm
		Pliers, Lineman	350mm
			0.68kg
		Wrench, Pipe (American Type)	4LB
			16*160
		Hammer, Ball Pein	Φ25*300mm
			Φ15*500mm
		Club Hammer	400mm
			1/2***245
		Chisel, Flat	1/2"
			1/2"
		Bar	1/2***100
			1/2***250
		Bar, Wrecking	1/2"
			(10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30) mm
		Ratchet Wrench	7/16"
			1/2"
		Sliding T Handle	9/16"
			1/2"
		Driver Extension	5/8"
			11/16"
		Universal Joint	3/4"
			13/16"
		Socket (1/2")	7/8"
			15/16"
		Pliers, Lineman	1"
			1-1/16"
		Pliers, Diagonal Cutting	1-1/4"
			(1.5, 2, 2.5, 3, 4, 5, 6, 8, 10) mm
		Pliers, Slip Joint	1/16", 5/64"
			3/32", 1/8"
		Pliers, Long Nose	5/32", 3/16"
			7/32", 1/4"
		Slotted Screwdriver	5/16", 3/8"
			7/16"
		Wrench, Hex Key	100mm
			125mm
		Wrench, Hex Key	200mm
			300mm
		Tool Case	100mm
			125mm

Brass Hammer, Sledge

Brass Hammer, Sledge

Brass Hammer, Sledge (German Type)



ITEM CODE	SIZE		N.W. (g)
	Brass	Size(lb) L(mm)	
BR2101A-1002	1	300	450
BR2101A-1004	2	350	910
BR2101A-1006	3	400	1400
BR2101A-1008	4	400	1800
BR2101A-1010	5	400	2250
BR2101A-1012	6	700	2700
BR2101A-1014	8	700	3600
BR2101A-1016	10	900	4500
BR2101A-1018	12	900	5400
BR2101A-1020	14	900	6400
BR2101A-1022	16	900	7200
BR2101A-1024	20	900	9000

ITEM CODE	SIZE		N.W. (g)
	Brass	Size(lb) L(mm)	
BR2101B-1002	1	310	450
BR2101B-1004	2	320	910
BR2101B-1006	3	360	1400
BR2101B-1008	4	380	1800
BR2101B-1010	5	400	2250
BR2101B-1012	6	400	2700
BR2101B-1014	8	700	3600
BR2101B-1016	10	800	4500
BR2101B-1018	12	800	5400
BR2101B-1020	14	800	6400
BR2101B-1022	16	900	7200
BR2101B-1024	20	900	9000

ITEM CODE	SIZE		N.W. (g)
	Brass	Size(g) L(mm)	
BR2104A-1002	500	310	500
BR2104A-1004	1000	350	1000
BR2104A-1006	1500	400	1500
BR2104A-1008	1800	400	1800
BR2104A-1010	2000	400	2000
BR2104A-1012	2700	700	2700
BR2104A-1014	3600	700	3600
BR2104A-1016	4000	900	4000
BR2104A-1018	5000	900	5000

Brass Hammer, Mallet

Brass Hammer, Mallet

Brass Hammer, Sledge (German Type)



ITEM CODE	SIZE		N.W. (g)
Brass	Size(lb)	L(mm)	Brass
BR2102A-1002	1	300	450
BR2102A-1004	2	350	910
BR2102A-1006	3	400	1400
BR2102A-1008	5	400	2250
BR2102A-1010	6	700	2700
BR2102A-1012	8	700	3600
BR2102A-1014	10	900	4500
BR2102A-1016	15	900	6750

Brass Hammer,Ball Pein



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
BR2105B-1002	1/2	300	230
BR2105B-1004	3/4	300	340
BR2105B-1006	1	300	450
BR2105B-1008	1-1/2	325	680
BR2105B-1010	2	365	910
BR2105B-1012	2-1/2	365	1130

Brass Hammer,Double Face



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
BR2106A-1002	500	300	500
BR2106A-1004	1000	350	1000
BR2106A-1006	2000	400	2000
BR2106A-1008	3000	700	3000
BR2106A-1010	5000	900	5000

Brass Hammer,Double Face



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
BR2106B-1002	500	310	500
BR2106B-1004	1000	320	1000
BR2106B-1006	2000	380	2000
BR2106B-1008	3000	700	3000
BR2106B-1010	5000	800	5000

Brass Hammer,Scaling



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
BR2108A-1002	150	280	205
BR2108A-1004	300	280	370

Brass Flat Hammer(Euro Type)



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
BR2107A-1002	1	310	450
BR2107A-1004	2	350	910
BR2107A-1006	3	400	1400
BR2107A-1008	5	400	2250
BR2107A-1010	6	700	2700
BR2107A-1012	8	700	3600
BR2107A-1014	10	900	4500
BR2107A-1016	15	900	6750

Brass Flat Hammer(Euro Type)



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
BR2107B-1002	1	310	450
BR2107B-1004	2	320	910
BR2107B-1006	3	360	1400
BR2107B-1008	5	400	2250
BR2107B-1010	6	400	2700
BR2107B-1012	8	700	3600
BR2107B-1014	10	800	4500
BR2107B-1016	15	800	6750

Nylon Hammer



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
BR2109-1002	420	280	420
BR2109-1004	650	340	650

Brass Hammer,Scaling



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
BR2108B-1002	150	330	205
BR2108B-1004	300	350	370

Pliers,Adjustable Combination



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB101-1002	6	150	170

Pliers,Adjustable Combination



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB102-1002	8	200	260

Pliers,Snipe Nose



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB103-1002	8	200	200

Pliers, Round 45 Degree Bent



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB104-1002	8	200	200

Sprue Puller Curred Head



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB105-1002	7	175	230

Sprue Puller Serrated Jaw



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB106-1002	7	175	170

Sprue Puller Serrated Jaw



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB107-1002	10	250	450

Pliers,Groove Joint



ITEM CODE	SIZE		N.W. (g)
	L(inch)	L(mm)	
BRB108-1002	10	250	410

Knife, Putty, Long Wood Handle



ITEM CODE	SIZE		N.W. (g)
	B(mm)	L(mm)	
BRB201-1002	80	310	200

Knife, Putty,Bakelite Handle



ITEM CODE	SIZE		N.W. (g)
	B(mm)	L(mm)	
BRB205-1002	75	200	130

Knife, Putty,Multi-purpose Bakelite Handle



ITEM CODE	SIZE		N.W. (g)
	B(mm)	L(mm)	
BRB206-1002	62	200	100

Knife, Putty, Narrow Blade Bakelite Handle



ITEM CODE	SIZE		N.W. (g)
	B(mm)	L(mm)	
BRB207-1002	32	200	100

Copper Hammer,Sledge



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2201A-1002	1	300	450
CO2201A-1004	2	350	910
CO2201A-1006	3	400	1400
CO2201A-1008	4	400	1800
CO2201A-1010	5	400	2250
CO2201A-1012	6	700	2700
CO2201A-1014	8	700	3600
CO2201A-1016	10	900	4500
CO2201A-1018	12	900	5400
CO2201A-1020	14	900	6400
CO2201A-1022	16	900	7200
CO2201A-1024	20	900	9000

Copper Hammer,Mallet



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2202A-1002	1	300	450
CO2202A-1004	2	350	910
CO2202A-1006	3	400	1400
CO2202A-1008	5	400	2250
CO2202A-1010	6	700	2700
CO2202A-1012	8	700	3600
CO2202A-1014	10	900	4500
CO2202A-1016	15	900	6750

Copper Hammer,Drum Type



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2203A-1002	1/2	280	230
CO2203A-1004	1	300	450
CO2203A-1006	1-1/2	340	680
CO2203A-1008	2	350	910
CO2203A-1010	3	400	1400
CO2203A-1012	4	400	1800
CO2203A-1014	5	400	2250
CO2203A-1016	6	700	2700
CO2203A-1018	8	700	3600
CO2203A-1020	10	900	4500

Copper Hammer,Sledge



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2201B-1002	1	310	450
CO2201B-1004	2	320	910
CO2201B-1006	3	360	1400
CO2201B-1008	4	380	1800
CO2201B-1010	5	400	2250
CO2201B-1012	6	400	2700
CO2201B-1014	8	700	3600
CO2201B-1016	10	800	4500
CO2201B-1018	12	800	5400
CO2201B-1020	14	800	6400
CO2201B-1022	16	900	7200
CO2201B-1024	20	900	9000

Copper Hammer, Mallet



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2202B-1002	1	310	450
CO2202B-1004	2	320	910
CO2202B-1006	3	360	1400
CO2202B-1008	5	400	2250
CO2202B-1010	6	400	2700
CO2202B-1012	8	700	3600
CO2202B-1014	10	800	4500
CO2202B-1016	15	800	6750

Copper Hammer, Drum Type



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2203B-1002	1/2	280	230
CO2203B-1004	1	300	450
CO2203B-1006	1-1/2	320	680
CO2203B-1008	2	320	910
CO2203B-1010	3	360	1400
CO2203B-1012	4	360	1800
CO2203B-1014	5	400	2250
CO2203B-1016	6	400	2700
CO2203B-1018	8	700	3600
CO2203B-1020	10	800	4500

COPPER TOOLS



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
CO2204A-1002	500	300	500
CO2204A-1004	1000	350	1000
CO2204A-1006	1500	400	1500
CO2204A-1008	1800	400	1800
CO2204A-1010	2000	400	2000
CO2204A-1012	2700	700	2700
CO2204A-1014	3600	700	3600
CO2204A-1016	4000	900	4000
CO2204A-1018	5000	900	5000

Copper Hammer, Ball Pein



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2205A-1002	1/2	280	230
CO2205A-1004	3/4	280	340
CO2205A-1006	1	280	450
CO2205A-1008	1-1/2	310	680
CO2205A-1010	2	340	910
CO2205A-1012	2-1/2	350	1130

Copper Flat Hammer (Euro Type)



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2207A-1002	1	300	450
CO2207A-1004	2	350	910
CO2207A-1006	3	400	1400
CO2207A-1008	5	400	2250
CO2207A-1010	6	700	2700
CO2207A-1012	8	700	3600
CO2207A-1014	10	900	4500
CO2207A-1016	15	900	6750



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
CO2204B-1002	500	310	500
CO2204B-1004	1000	320	1000
CO2204B-1006	1500	360	1500
CO2204B-1008	1800	380	1800
CO2204B-1010	2000	380	2000
CO2204B-1012	2700	400	2700
CO2204B-1014	3600	700	3600
CO2204B-1016	4000	800	4000
CO2204B-1018	5000	800	5000

Copper Hammer, Ball Pein



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2205B-1002	1/2	300	230
CO2205B-1004	3/4	300	340
CO2205B-1006	1	300	450
CO2205B-1008	1-1/2	325	680
CO2205B-1010	2	365	910
CO2205B-1012	2-1/2	365	1130

Copper Flat Hammer (Euro Type)



ITEM CODE	SIZE		N.W. (g)
	Size(lb)	L(mm)	
CO2207B-1002	1	310	450
CO2207B-1004	2	320	910
CO2207B-1006	3	360	1400
CO2207B-1008	5	400	2250
CO2207B-1010	6	400	2700
CO2207B-1012	8	700	3600
CO2207B-1014	10	800	4500
CO2207B-1016	15	800	6750



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
CO2206A-1002	500	300	500
CO2206A-1004	1000	350	1000
CO2206A-1006	2000	400	2000
CO2206A-1008	3000	700	3000
CO2206A-1010	5000	900	5000

Copper Hammer, Double Face



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
CO2206B-1002	500	310	500
CO2206B-1004	1000	320	1000
CO2206B-1006	2000	380	2000
CO2206B-1008	3000	700	3000
CO2206B-1010	5000	800	5000

Copper Hammer, Scaling

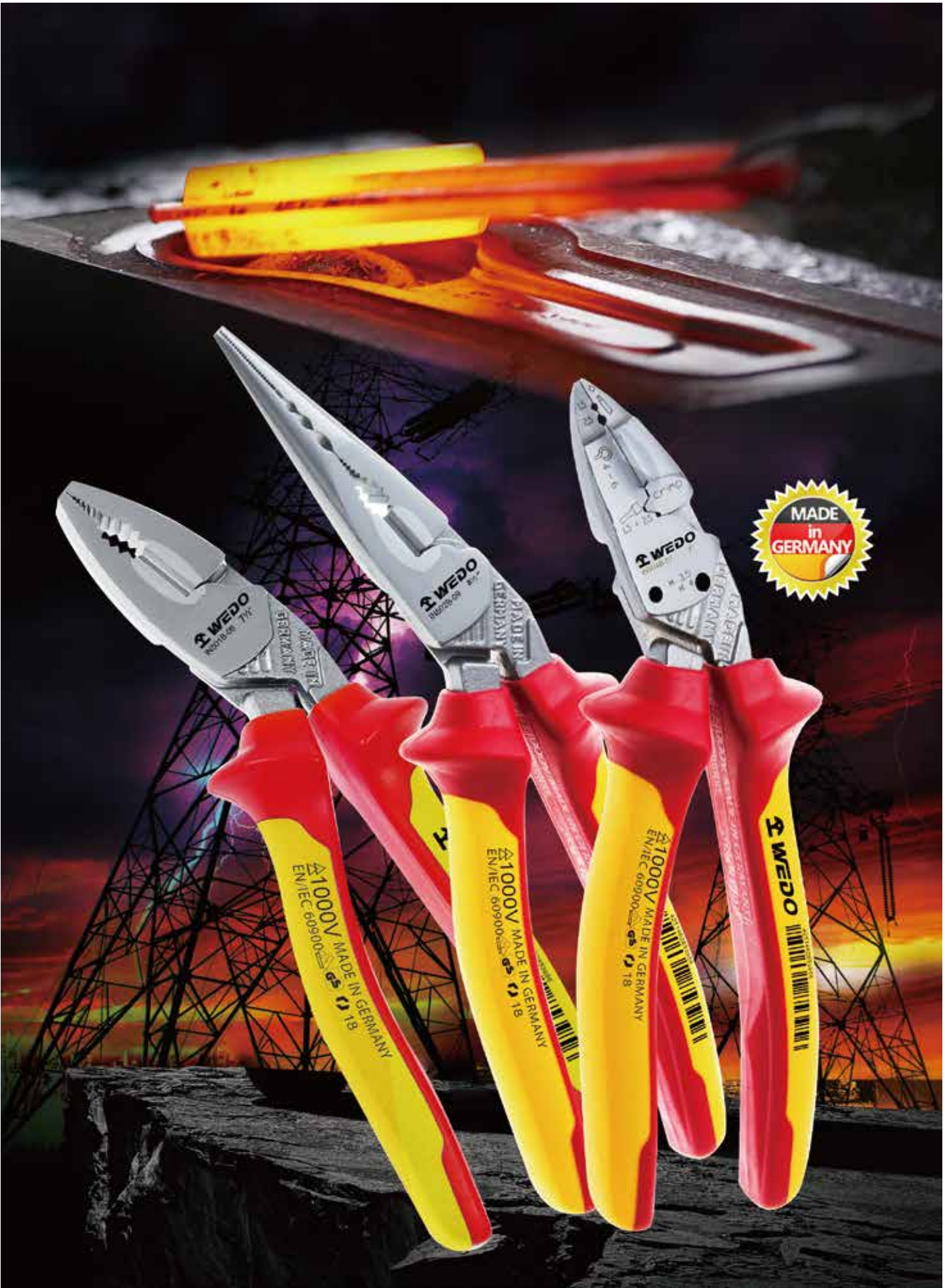


ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
CO2208A-1002	150	280	205
CO2208A-1004	300	280	370

Copper Hammer, Scaling



ITEM CODE	SIZE		N.W. (g)
	Size(g)	L(mm)	
CO2208B-1002	150	330	205
CO2208B-1004	300	350	370



INSULATED TOOLS



WEDO INSULATED TOOLS

1. Insulated Tools

Insulated tools are hand tools used for maintenance work on anode-charged and near-electric work-pieces or devices with rated voltages of 1000V (AC) and 1500V (DC).

2. Features of Insulated Tools

- Special work object.
- Firm structure.
- Safe and reliable for work.
- High protection.
- Specific purpose.

3. Standard of Insulated Tools

EU standard ---EN 60900: 2012 /VDE 0682 Part 201 "Charged hand tools with a maximum voltage of 1000V AC and 1500V DC" was published by the International Electrotechnical Commission as an international standard.

IEC 60900 : 2012 "Charged hand tools with a maximum voltage of 1000V AC and 1500V DC", China formulated "Insulated hand tools for anode-charged and near-electric working with 1K V(AC), 1.5KV (DC) or below" in 2008 by adopting IEC 60900 by Equivalent.

4. Certification of Insulated Tools



WEDO insulated tools and non-sparking insulated tools are authenticated by the Germany VDE (German Verband Deutscher Elektrotechniker). Our products are tested and authenticated according to Germany VDE national standard or European EN standard, or IEC International Electrotechnical Commission standard.

GS means "Geprüfte Sicherheit" (safety certified) or "German Safety". GS certification is a kind of voluntary authentication based on the Germany Product Safety Act (GPS) and is tested according to the EN European Union Standard or the DIN German Industrial Standard, which is the Germany safety mark accepted in the European market.

IEC/EN means the standard on insulated hand tools for anode-charged and near-electric working with below 1K V(AC) and 1.5KV (DC) formulated by IEC (International Electro technical Commission) based on the EU standards in 2012.

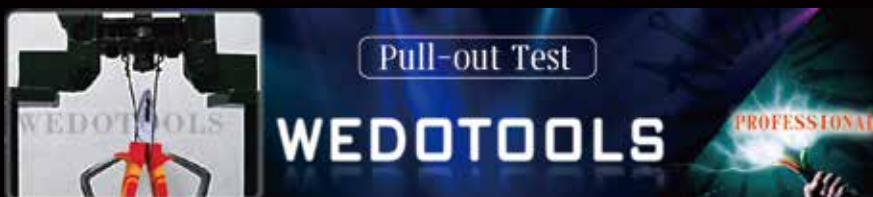
5. Performance Testing:

① Fire Retardancy Test



In the test, burn the handle for 10 seconds and then extinguish the flame. The flame on the ignited handle shall not exceed 120 mm within 20 seconds.

② Pull-out Test



Heat the product to $70^{\circ}\text{C} \pm 3^{\circ}\text{C}$ in a ventilated heating chamber for 168 hours, and then naturally cool down for 3 minutes. The temperature of the test environment is $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and the humidity was 45% - 75%. By applying rated load between the insulating layer and the body, there is no loosening, displacement or shedding.

③ Dielectric Strength Test



It is used to test the insulation strength of insulated tools. Apply 50Hz or 60Hz, 10KV AC voltage and 15kV DC voltage to the tools separately for dielectric strength test. There is no electric breakdown, spark discharge or arcing occurred during the test.

③ Brittleness Temperature Test

Temperature Test



In the test, put the product in a low temperature chamber of $-25^{\circ}\text{C} \pm 3^{\circ}\text{C}$ for 2 hour, then take out the product and put it in laboratory temperature of $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 2 minutes. Drop down from the height of 0.6 m for impact, the insulated part of product shall not crack or fall off from the tool in the test.

⑤ Indentation Test



After dielectric strength test, apply a pressure of 20N to vulnerable insulated part of product for indentation test.

6. Requests for Insulated Tools:

① Single-head Structure



Insulated tools must be single-head, such as single open wrench, single box wrench, etc. Any double-head tool cannot be used as an insulated tool.

② Exposed Metal Part



Minimize the exposed metal part of tool as little as possible, and it is strictly forbidden to expose, even the tiniest metal, on the handle. For safety, the box wrench just only expose the inner ring of head, the open wrench only expose the metal inside the open. The exposed metal part of the hexagonal wrench would not exceed 18mm.

③ Flange on Insulated Handle



For exposed metal, make a flange on insulated handle to prevent the operator's hand from sliding toward the metal part and reduce the risk of electric shock.

④ Insulation Entirety



The insulated materials on tools must keep it integrity, avoiding cracks from destroying the insulation strength. Besides, the insulated materials must be tightly bond to the tools, which is hard to be pulled off.

⑤ No Joint Gap between Assembled Insulated Tools



For the sockets and its connecting parts, the joint gap must be covered by overlapping insulation, and the mechanical locking of insulation should withstand a force of 500N to avoid discharge sparks during working.

Injection Slotted Screwdriver



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	B(mm)	AL-BR	BE-CU
INA6101-1002	INB6101-1002	50	3	33	35
INA6101-1004	INB6101-1004	50	4.5	40	43
INA6101-1006	INB6101-1006	75	3	32	35
INA6101-1008	INB6101-1008	75	4	42	45
INA6101-1010	INB6101-1010	75	5	65	70
INA6101-1012	INB6101-1012	100	4	42	45
INA6101-1014	INB6101-1014	100	5	70	75
INA6101-1016	INB6101-1016	100	6	80	85
INA6101-1018	INB6101-1018	125	6	95	100
INA6101-1020	INB6101-1020	150	6	105	110
INA6101-1022	INB6101-1022	150	7	120	125
INA6101-1024	INB6101-1024	150	8	135	140
INA6101-1026	INB6101-1026	200	8	155	165
INA6101-1028	INB6101-1028	250	9	175	185

Injection Phillips Screwdriver



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	SIZE	L(mm)	AL-BR	BE-CU
INA6102-1002	INB6102-1002	0	50	32	35
INA6102-1004	INB6102-1004	1	75	63	70
INA6102-1006	INB6102-1006	1	100	70	75
INA6102-1008	INB6102-1008	2	125	95	100
INA6102-1010	INB6102-1010	2	150	105	110
INA6102-1012	INB6102-1012	3	200	155	165
INA6102-1014	INB6102-1014	3	250	170	185

Injection Pliers, Lineman



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6201-1002	INB6201-1002	6	150	165	180
INA6201-1004	INB6201-1004	7	175	330	355
INA6201-1006	INB6201-1006	8	200	435	465

Dipped Pliers, Lineman



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6201A-1002	INB6201A-1002	6	150	165	180
INA6201A-1004	INB6201A-1004	7	175	330	355
INA6201A-1006	INB6201A-1006	8	200	435	465

Injection Pliers, Snipe Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6202-1002	INB6202-1002	6	150	170	190
INA6202-1004	INB6202-1004	8	200	300	335

Dipped Pliers, Snipe Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6202A-1002	INB6202A-1002	6	150	170	190
INA6202A-1004	INB6202A-1004	8	200	300	335

Injection Pliers, Diagonal Cutting



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6203-1002	INB6203-1002	6	150	225	245
INA6203-1004	INB6203-1004	8	200	365	410

Dipped Pliers, Diagonal Cutting



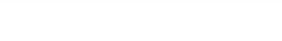
ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6203A-1002	INB6203A-1002	6	150	225	245
INA6203A-1004	INB6203A-1004	8	200	365	410

Injection Pliers, Round 45 Degree Bent



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6204-1002	INB6204-1002	6	150	170	190

Dipped Pliers, Round 45 Degree Bent



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6204A-1002	INB6204A-1002	6	150	170	190

Injection Pliers, Flat Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6205-1002	INB6205-1002	6	150	151	165
INA6205-1004	INB6205-1004	8	200	257	281

Dipped Pliers, Flat Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6205A-1002	INB6205A-1002	6	150	151	165
INA6205A-1004	INB6205A-1004	8	200	257	281

Injection Pliers, Round Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6206-1002	INB6206-1002	6	150	150	165

Dipped Pliers, Round Nose



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6206A-1002	INB6206A-1002	6	150	150	165

Injection Wire Stripping Pliers



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
INA6207-1002	INB6207-1002	170	205	225	

Dipped Wire Stripping Pliers



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(mm)	AL-BR	BE-CU	
INA6207A-1002	INB6207A-1002	170	205	225	

Dipped Pliers, Slip Joint



ITEM CODE		SIZE		N.W. (g)	
AL-BR	BE-CU	L(inch)	L(mm)	AL-BR	BE-CU
INA6208-1002	INB6208-1002	10	250	335	365

3/8" Dipped Socket



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	L(mm)	AL-BR	BE-CU
INA6301A-8	INB6301A-8	8	28	44	32	35
INA6301A-9	INB6301A-9	9	28	44	32	35
INA6301A-10	INB6301A-10	10	32	48	45	50
INA6301A-11	INB6301A-11	11	32	48	45	50
INA6301A-12	INB6301A-12	12	32	48	45	50
INA6301A-13	INB6301A-13	13	32	48	45	50
INA6301A-14	INB6301A-14	14	32	48	45	50
INA6301A-15	INB6301A-15	15	32	48	48	53
INA6301A-16	INB6301A-16	16	32	48	53	58
INA6301A-17	INB6301A-17	17	32	48	57	63
INA6301A-19	INB6301A-19	19	32	48	62	68
INA6301A-20	INB6301A-20	20	32	48	70	77

INSULATED NON-SPARKING TOOLS

INSULATED TOOLS ARE MANUFACTURED ACCORDING TO IEC 60900 STANDARD AND IN ACCORDANCE WITH VDE CERTIFICATION. EACH TOOL MUST BE TESTED BY 1000V AC BEFORE DELIVERY OUT OF FACTORY.





ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
INA6302A-10	INB6302A-10	10	40	56	71	78
INA6302A-11	INB6302A-11	11	40	56	72	79
INA6302A-12	INB6302A-12	12	40	56	72	79
INA6302A-13	INB6302A-13	13	40	56	73	80
INA6302A-14	INB6302A-14	14	40	56	73	80
INA6302A-15	INB6302A-15	15	40	56	85	94
INA6302A-16	INB6302A-16	16	40	56	85	94
INA6302A-17	INB6302A-17	17	40	56	85	94
INA6302A-18	INB6302A-18	18	42	58	85	94
INA6302A-19	INB6302A-19	19	42	58	100	110
INA6302A-20	INB6302A-20	20	42	58	105	120
INA6302A-21	INB6302A-21	21	43	59	110	125
INA6302A-22	INB6302A-22	22	43	59	115	130
INA6302A-23	INB6302A-23	23	43	59	135	150
INA6302A-24	INB6302A-24	24	43	59	145	165
INA6302A-25	INB6302A-25	25	43	59	160	180
INA6302A-26	INB6302A-26	26	43	59	180	200
INA6302A-27	INB6302A-27	27	46	62	190	215
INA6302A-28	INB6302A-28	28	46	62	200	225
INA6302A-29	INB6302A-29	29	46	62	210	235
INA6302A-30	INB6302A-30	30	46	62	220	250
INA6302A-32	INB6302A-32	32	46	62	260	295



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
INA6303-1002	INB6303-1002	3/8	140	200	330	360
INA6303-1004	INB6303-1004	1/2	140	200	440	440



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
INA6305-1002	INB6305-1002	1/2	250	39	310	340
INA6305-1004	INB6305-1004	3/8	160	37	120	135



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
INA6303A-1002	INB6303A-1002	3/8	140	200	330	360
INA6303A-1004	INB6303A-1004	1/2	140	200	440	440



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L1(mm)	L2(mm)	AL-BR	BE-CU
INA6304-1002	INB6304-1002	3/8	75	91	80	93
INA6304-1004	INB6304-1004	3/8	150	166	160	185
INA6304-1006	INB6304-1006	1/2	125	141	230	260
INA6304-1008	INB6304-1008	1/2	250	266	425	470



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
INA6306-7	INB6306-7	7	120	120	90	100
INA6306-9	INB6306-9	9	130	130	140	155
INA6306-11	INB6306-11	11	140	150	170	190
INA6306-14	INB6306-14	14	150	170	240	265
INA6306-17	INB6306-17	17	170	190	370	410
INA6306-19	INB6306-19	19	180	210	480	535



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	C(inch)	L(mm)	H(mm)	AL-BR	BE-CU
INA6307-1002	INB6307-1002	3/8	200	50	287	314
INA6307-1004	INB6307-1004	1/2	230	60	380	410



ITEM CODE		SIZE				N.W. (g)	
AL-BR	BE-CU	C (inch)	S (inch)	L1 (inch)	L (inch)	AL-BR	BE-CU
INA6308-3	INB6308-3	1/4	3	55	71	16	17
INA6308-4	INB6308-4	1/4	4	55	71	16	17
INA6308-5	INB6308-5	1/4	5	55	71	18	20
INA6308-6	INB6308-6	1/4	6	55	71	23	26
INA6308-7	INB6308-7	1/4	7	55	71	27	30
INA6308-8	INB6308-8	1/4	8	65	81	40	45
INA6308-9	INB6308-9	1/4	9	65	81	50	55
INA6308-10	INB6308-10	1/4	10	65	81	60	65



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU	
INA6401-8	INB6401-8	8	95	35	40	
INA6401-10	INB6401-10	10	105	45	50	
INA6401-12	INB6401-12	12	125	60	65	
INA6401-14	INB6401-14	14	140	85	95	
INA6401-17	INB6401-17	17	160	95	105	
INA6401-19	INB6401-19	19	170	115	130	
INA6401-22	INB6401-22	22	195	152	170	
INA6401-24	INB6401-24	24	220	170	190	
INA6401-27	INB6401-27	27	240	260	285	
INA6401-30	INB6401-30	30	260	290	320	
INA6401-32	INB6401-32	32	275	365	400	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU	
INA6401A-8	INB6401A-8	8	95	35	40	
INA6401A-10	INB6401A-10	10	105	45	50	
INA6401A-12	INB6401A-12	12	125	60	65	
INA6401A-14	INB6401A-14	14	140	85	95	
INA6401A-17	INB6401A-17	17	160	95	105	
INA6401A-19	INB6401A-19	19	170	115	130	
INA6401A-22	INB6401A-22	22	195	152	170	
INA6401A-24	INB6401A-24	24	220	170	190	
INA6401A-27	INB6401A-27	27	240	260	285	
INA6401A-30	INB6401A-30	30	260	290	320	
INA6401A-32	INB6401A-32	32	275	365	400	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	Kmax(mm)	AL-BR	BE-CU	
INA6402-1002	INB6402-1002	150	18	120	135	
INA6402-1004	INB6402-1004	200	24	255	281	
INA6402-1006	INB6402-1006	250	30	401	440	
INA6402-1008	INB6402-1008	300	36	655	720	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	L(mm)	Kmax(mm)	AL-BR	BE-CU	
INA6402A-1002	INB6402A-1002	150	18	120	135	
INA6402A-1004	INB6402A-1004	200	24	255	281	
INA6402A-1006	INB6402A-1006	250	30	401	440	
INA6402A-1008	INB6402A-1008	300	36	655	720	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU	
INA6403-8	INB6403-8	8	110	35	40	
INA6403-10	INB6403-10	10	120	45	50	
INA6403-12	INB6403-12	12	130	60	65	
INA6403-14	INB6403-14	14	140	80	90	
INA6403-17	INB6403-17	17	155	90	105	
INA6403-19	INB6403-19	19	170	95	130	
INA6403-22	INB6403-22	22	190	150	175	
INA6403-24	INB6403-24	24	215	200	220	
INA6403-27	INB6403-27	27	230	245	270	
INA6403-30	INB6403-30	30	255	335	370	
INA6403-32	INB6403-32	32	265	385	425	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	AL-BR	BE-CU	
INA6404-10	INB6404-10	10	125	60	66	
INA6404-12	INB6404-12	12	130	80	88	
INA6404-14	INB6404-14	14	145	110	120	
INA6404-17	INB6404-17	17	155	130	145	
INA6404-19	INB6404-19	19	170	150	165	
INA6404-22	INB6404-22	22	190	165	185	
INA6404-24	INB6404-24	24	215	210	235	
INA6404-27	INB6404-27	27	230	270	310	
INA6404-30	INB6404-30	30	255	380	430	
INA6404-32	INB6404-32	32	265	400	450	



ITEM CODE		SIZE			N.W. (g)	
AL-BR	BE-CU	S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
INA6405-3	INB6405-3	3	59	25	7	8
INA6405-4	INB6405-4	4	65	30	8	10
INA6405-5	INB6405-5	5	79	32	12	16
INA6405-6	INB6405-6	6	85	37	20	25
INA6405-7	INB6405-7	7	88	43	30	34
INA6405-8	INB6405-8	8	92	44	45	50
INA6405-9	INB6405-9	9	97	44	55	61
INA6405-10	INB6405-10	10	110	45	70	82
INA6405-11	INB6405-11	11	119	48	90	100
INA6405-12	INB6405-12	12	130	52	130	145

INSULATED TOOLS

INSULATED PLIERS SERIES



The pliers body is die forged with high quality Chrome Vanadium steel, and head with black surface treatment after polishing, rust-proof and corrosion-resistant, durable and long lifetime; the cutting edge is processed with quenching at high temperature, with high hardness and strong cutting ability

The handle is made of high impact resistant PP plastic, high and low temperature resistant, flame retardant; also it's precisely fitted to the metal part and conforms with the ergonomic design, therefore not easy to fall off and comfortable to use.

APPROVED BY GERMANY VDE STANDARD

Withstand 1000v high voltage. There is a wide range of specifications and models available, and you could choose the most suitable insulated pliers according to the working environment.



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN501-06	6	150	175
IN501-07	7	175	350
IN501-08	8	200	455

Injection Pliers, Snipe Nose



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN502-06	6	150	180
IN502-08	8	200	315

Injection Pliers, Diagonal Cutting



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN503-06	6	150	208
IN503-07	7	175	268

Injection Heavy Duty
Diagonal Cutting Pliers



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN504C-07	7		333
IN504C-08	8		350

AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN501A-06	6	150	175
IN501A-07	7	175	350
IN501A-08	8	200	455

Dipped Pliers, Snipe Nose



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN502A-06	6	150	180
IN502A-08	8	200	315

Dipped Pliers, Diagonal Cutting



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN503A-06	6	150	235

Dipped Pliers, Round 45 Degree Bent



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN505A-06	6	150	180

AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN501C-06	6	150	175
IN501C-07	7	175	350
IN501C-08	8	200	455

Injection Pliers, Snipe Nose



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN502C-06	6	150	180
IN502C-08	8	200	315

Injection Pliers, Diagonal Cutting



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN503C-06	6	150	235

Injection Pliers, Round 45 Degree Bent



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	CR-V	
IN505C-06	6	150	180

SAFER TOOLS CREATE BETTER LIFE

Improved PP material grip provides high impact resistance.

Ergonomics, comfortable to hold.

Made in Germany.

Insulated pliers have passed 10000V test and obtained GS/VDE certificate.

Special insulated material with anti-burn&high-low temperature resistance.

Product Standard

Certification

Quality chrome Vanadium steel

Clear Mark.

SAFER TOOLS CREATE BETTER LIFE

Germany Bent Pliers, Lineman

Injection Wire Stripping Pliers

Injection Wire Stripping Pliers

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(mm) Size(inch)	CR-V
IN501B-08	190 7 1/2"	295

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(mm)	CR-V
IN506-06	170	215

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(mm)	CR-V
IN506C-06	170	215

Germany Bent Pliers, Snipe Nose

Dipped Pliers, Round Nose

Injection Pliers, Round Nose

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(mm) Size(inch)	CR-V
IN502B-09	220 9"	295

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(inch) L(mm)	CR-V
IN507A-06	6 150	155

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(inch) L(mm)	CR-V
IN507C-06	6 150	155

Germany Bent Pliers, Diagonal Cutting

Dipped Pliers, Flat Nose

Injection Pliers, Flat Nose

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(mm) Size(inch)	CR-V
IN504B-07	180 7"	270

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(inch) L(mm)	CR-V
IN508A-06	6 160	190

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(inch) L(mm)	CR-V
IN508C-06	6 160	190

Injection Pliers, Slip Joint

Dipped Pliers, Slip Joint

Injection Pliers, Slip Joint

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(inch) L(mm)	CR-V
IN510-10	10 250	389

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(inch) L(mm) K _{max} (mm)	CR-V
IN510A-10	10 250 32	350

AC 1000V IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	L(inch) L(mm) K _{max} (mm)	CR-V
IN510C-10	10 250 32	389

Injection Cable Shears



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(inch)	CR-V
WEDO8551-6	6"	165 250

Injection Wire Cutters



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(mm)	CR-V
WEDO8554-600	<250 600	1800

VDE Phillips Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
IN512-02	PH0×60	158
IN512-04	PH1×80	185
IN512-06	PH2×100	220
IN512-08	PH3×150	269

VDE Long Pozidriv Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
IN515-02	PZ0×100	198
IN515-04	PZ1×150	255
IN515-06	PZ2×175	285
IN515-08	PZ3×200	319

Injection Cable Pliers



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(inch)	CR-V
WEDO8552-10	10"	250 550

Injection Cable Cutter



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(Rebar)	CR-V
WEDO8555-600	<6mm <20mm 600	2500

VDE Long Phillips Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
IN513-02	PH0×100	198
IN513-04	PH1×150	255
IN513-06	PH2×175	285
IN513-08	PH3×200	319

Injection Hex Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(mm)	CR-V
WEDO8316-02	75 H2.5	165 33
WEDO8316-04	75 H3	165 35
WEDO8316-06	75 H4	165 37
WEDO8316-08	75 H5	165 39
WEDO8316-10	100 H6	200 41
WEDO8316-12	100 H8	200 43

Injection Ratchet Wire Cutters



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(mm)	CR-V
WEDO8553-32	240 32	600
WEDO8553-52	380 52	1100

VDE Slotted Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
IN511-02	2.5×75	173
IN511-04	3×100	198
IN511-06	4×100	198
IN511-08	5.5×125	230
IN511-10	6.5×150	260
IN511-12	8×175	294

VDE Pozidriv Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
IN514-02	PZ0×60	158
IN514-04	PZ1×80	185
IN514-06	PZ2×100	220
IN514-08	PZ3×150	269

Injection Slotted and Phillips Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size(mm)	CR-V
WEDO8317-02	3*75 SL/PH0	165 32
WEDO8317-04	5*80 SL/PH1	180 34
WEDO8317-06	6*100 SL/PH2	210 36
WEDO8317-08	8*150 SL/PH3	270 38

Injection Slotted Precision Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
WEDO8351-02	152 0.22 1.5	15
WEDO8351-04	152 0.30 1.8	18
WEDO8351-06	152 0.40 2.0	20
WEDO8351-08	152 0.40 2.5	25
WEDO8351-10	152 0.50 3.0	30

Injection Socket Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
IN533-04	4 125 110	98
IN533-05	5 125 110	98
IN533-5.5	5.5 125 110	100
IN533-06	6 125 110	100
IN533-07	7 125 110	100
IN533-08	8 125 110	106
IN533-09	9 125 110	110
IN533-10	10 125 120	115
IN533-11	11 125 120	160
IN533-12	12 125 120	160
IN533-13	13 125 120	165
IN533-14	14 125 120	170

Insulated Cable Knife(Straight)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Length of blade(mm)	CR-V
IN520-02	50 180	

Injection Phillips Precision Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
WEDO8352-02	152 PH00*50 2.5	20
WEDO8352-04	152 PH0*50 3.0	30
WEDO8352-06	152 PH1*50 3.0	30

Insulated Cable Knife(Long Hook)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Length of blade(mm)	CR-V
IN520A-02	50 180	

Insulated Cable Knife(Semicircle)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Length of blade(mm)	CR-V
IN520B-02	28 155	

Insulated Cable Knife(Flat blade with cover)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Length of blade(mm)	CR-V
IN520C-02	50 180	

Injection Torx Precision Screwdriver



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Size	CR-V
WEDO8353-02	152 T6*50 2.5	25
WEDO8353-04	152 T8*50 2.5	25
WEDO8353-06	152 T10*50 3.0	30
WEDO8353-08	152 T15*50 4.0	40
WEDO8353-10	152 T20*50 4.0	40

Insulated Cable Knife(Hook Blade)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Length of blade(mm)	CR-V
IN520D-02	38 155	

Insulated Cable Knife(Changeable head with cover)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Length of blade(mm)	CR-V
IN520E-02	58 185	

Insulated Cable Knife (Hook Blade)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	Length of blade(mm)	CR-V
IN520F-02	210	

Dipped Wrench, Hex Key



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				N.W. (g)
	CR-V	S(mm)	L(mm)	H(mm)	CR-V
IN521-03	3	59	25	7	
IN521-04	4	65	30	8	
IN521-05	5	79	32	12	
IN521-06	6	85	37	20	
IN521-07	7	88	43	30	
IN521-08	8	92	44	50	
IN521-09	9	97	44	60	
IN521-10	10	110	45	75	
IN521-11	11	119	48	95	
IN521-12	12	130	52	140	

Injection Wrench, Hex Key



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				N.W. (g)
	CR-V	S(mm)	A(mm)	L(mm)	CR-V
IN521A-03	3	16	131	19	
IN521A-04	4	28	142	28	
IN521A-05	5	45	176	52	
IN521A-06	6	46	195	75	
IN521A-08	8	52	215	130	
IN521A-10	10	52	237	208	
IN521A-12	12	62	265	330	

Injection T Type Wrench, Hex Key



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	
	CR-V	L(mm)
IN523A-03	3	150
IN523A-04	4	150
IN523A-05	5	150
IN523A-06	6	150
IN523A-08	8	200
IN523A-10	10	200

Dipped Internal Hexagon Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				N.W. (g)
	CR-V	C(inch)	S(mm)	L(mm)	CR-V
IN524-3	1/4	3	55	17	
IN524-4	1/4	4	55	17	
IN524-5	1/4	5	55	20	
IN524-6	1/4	6	55	25	
IN524-7	1/4	7	55	30	
IN524-8	1/4	8	65	45	
IN524-9	1/4	9	65	55	
IN524-10	1/4	10	65	65	

Injection Hexagon Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			
	CR-V	S(mm)	⌀ (mm)	L(mm)
IN524A-3	3	6.3	65	
IN524A-4	4	6.3	65	
IN524A-5	5	6.3	65	
IN524A-6	6	6.3	65	
IN524A-8	8	6.3	65	

Injection Hexagon Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			
	CR-V	S(mm)	⌀ (mm)	L(mm)
IN524B-4	4	10	75	
IN524B-5	5	10	75	
IN524B-6	6	10	75	
IN524B-8	8	10	75	

Injection Hexagon Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			
	CR-V	S(mm)	⌀ (mm)	L(mm)
IN524C-3	3	12.5	120	
IN524C-4	4	12.5	120	
IN524C-5	5	12.5	120	
IN524C-6	6	12.5	120	
IN524C-8	8	12.5	120	
IN524C-10	10	12.5	120	

Dipped Sliding T Type Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				N.W. (g)
	CR-V	S(mm)	L(mm)	H(mm)	CR-V
IN525-07	7	120	120	95	
IN525-09	9	130	130	150	
IN525-11	11	140	150	180	
IN525-14	14	150	170	255	
IN525-17	17	170	190	390	
IN525-19	19	180	210	510	

Injection T Type Socket Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	
	CR-V	L(mm)
IN525A-04	4	200
IN525A-05	5	200
IN525A-5.5	5.5	200
IN525A-06	6	200
IN525A-07	7	200
IN525A-08	8	200
IN525A-09	9	200
IN525A-10	10	200
IN525A-11	11	200
IN525A-12	12	200
IN525A-13	13	200
IN525A-14	14	200

Dipped Precision Tweezers



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	
	CR-V	L(mm)
IN526-02		160
IN526-04		180

Injection Needle Tweezers (flat teeth)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	L(mm)	CR-V
WEDO8621		150	50

Injection Needle Tweezers (flat teeth)



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	L(mm)	CR-V
WEDO8622		150	50

Dipped Hacksaw



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	S(mm) L(mm)	CR-V
IN7601-1002	300	470	825

Injection Hacksaw



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
	CR-V	L(mm)	D(mm)	CR-V
WEDO8611-300	300	150	500	

Injection Wrench, Adjustable



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
	CR-V	L(mm)	K _{max} (mm)	CR-V
IN527-06	150	18	125	
IN527-08	200	24	270	
IN527-10	250	30	420	
IN527-12	300	36	690	

Dipped Wrench, Adjustable



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
	CR-V	L(mm)	K _{max} (mm)	CR-V
IN527A-06	150	18	125	
IN527A-08	200	24	270	
IN527A-10	250	30	420	
IN527A-12	300	36	690	

Dipped Ratchet Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				N.W. (g)
	CR-V	S ₁ (mm)	S ₂ (mm)	H(mm)	CR-V
IN528-1417	14	17	280	390	
IN528-1719	17	19	310	435	
IN528-1922	19	22	345	505	
IN528-2224	22	24	365	655	

Injection Wrench, Single Open End



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			
	CR-V	S(mm)	A(mm)	B(mm) L(mm)
IN529-06	6	7.5	19	100
IN529-07	7	7.5	21	106
IN529-08	8	8	23	110
IN529-09	9	8	25	116
IN529-10	10	9.5	28	145
IN529-11	11	9.5	30	145
IN529-12	12	10.5	33	155
IN529-13	13	10.5	35	155
IN529-14	14	11	38	165
IN529-15	15	11	39	165
IN529-16	16	11.5	41	175
IN529-17	17	11.5	43	175
IN529-18	18	11.5	46	192
IN529-19	19	11.8	48	192
IN529-21	21	12.5	51	208
IN529-22	22	12.5	53	208
IN529-24	24	13	55	230
IN529-27	27	13.5	64	250
IN529-30	30	14.5	70	285
IN529-32	32	16.5	76	308

Dipped Wrench, Single Open End



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
	CR-V	S(mm) L(mm)	CR-V
IN529A-08	8	95	40
IN529A-10	10	105	50
IN529A-12	12	125	65
IN529A-14	14	140	90
IN529A-17	17	160	100
IN529A-19	19	170	120
IN529A-22	22	195	160
IN529A-24	24	220	180
IN529A-27	27	240	270
IN529A-30	30	260	300
IN529A-32	32	275	380

Dipped Wrench,Single Box



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
CR-V	S(mm)	L(mm)	CR-V
IN530A-08	8	110	40
IN530A-10	10	120	50
IN530A-12	12	130	65
IN530A-14	14	140	85
IN530A-17	17	155	95
IN530A-19	19	170	100
IN530A-22	22	190	160
IN530A-24	24	215	210
IN530A-27	27	230	255
IN530A-30	30	255	355
IN530A-32	32	265	405

Dipped Wrench,Single Box Offset



AC 1000V
IEC 60900:2012

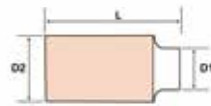
ITEM CODE	SIZE		N.W. (g)
CR-V	S(mm)	L(mm)	CR-V
IN531A-10	10	125	65
IN531A-12	12	130	85
IN531A-14	14	145	115
IN531A-17	17	155	140
IN531A-19	19	170	160
IN531A-22	22	190	175
IN531A-24	24	215	220
IN531A-27	27	230	285
IN531A-30	30	255	400
IN531A-32	32	265	420

1/4" Injection Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				
CR-V	S(mm)	D ₂ (mm)	D ₁ (mm)	L(mm)	
IN534-04	4	17.5	10	42	
IN534-05	5	17.5	11	42	
IN534-5.5	5.5	17.5	11.5	42	
IN534-06	6	17.5	12.5	42	
IN534-07	7	17.5	14	42	
IN534-08	8	17.5	15	42	
IN534-09	9	17.5	16	42	
IN534-10	10	17.5	17.5	42	
IN534-11	11	17.5	19	42	
IN534-12	12	17.5	20	42	
IN534-13	13	17.5	21	42	
IN534-14	14	17.5	22.5	42	



Injection Wrench, Single Box Offset



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			
CR-V	S(mm)	A(mm)	B(mm)	L(mm)
IN531-06	6	7.5	17	138
IN531-07	7	8	19	148
IN531-08	8	8.5	20	160
IN531-09	9	9	21.5	167
IN531-10	10	9	23	182
IN531-11	11	9.5	24	182
IN531-12	12	10	26	195
IN531-13	13	10	27	195
IN531-14	14	12	29	200
IN531-15	15	12	30.5	200
IN531-16	16	12	31.5	220
IN531-17	17	12	32	220
IN531-18	18	13	34.5	232
IN531-19	19	13.5	35.5	232
IN531-21	21	13.5	38	252
IN531-22	22	14.5	39	252
IN531-24	24	14.5	44	290
IN531-27	27	15.5	48	300
IN531-30	30	17.5	52	315
IN531-32	32	18.5	54	330

Injection Wrench, Torx T Type



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	
CR-V	S	L(mm)
IN532-10	T10	150
IN532-15	T15	150
IN532-20	T20	150
IN532-25	T25	150
IN532-30	T30	150
IN532-35	T35	200
IN532-40	T40	200

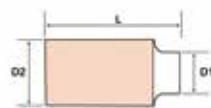


3/8" Injection Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				
CR-V	S(mm)	D ₂ (mm)	D ₁ (mm)	L(mm)	
IN535-08	8	22.5	15.5	45	
IN535-10	10	22.5	17.5	45	
IN535-11	11	22.5	19	45	
IN535-12	12	22.5	20.5	45	
IN535-13	13	22.5	21.5	45	
IN535-14	14	22.5	23	45	
IN535-16	16	22.5	25	45	
IN535-17	17	22.5	26.5	45	
IN535-18	18	22.5	27.5	45	
IN535-19	19	22.5	28.5	45	
IN535-21	21	22.5	30.5	45	
IN535-22	22	22.5	32	45	

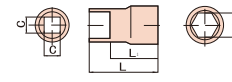


3/8" Dipped Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
CR-V	S(mm)	L(mm)	L(mm)	CR-V
IN535A-08	8	28	44	34
IN535A-09	9	28	44	34
IN535A-10	10	28	44	47
IN535A-11	11	28	44	47
IN535A-12	12	28	44	47
IN535A-13	13	28	44	47
IN535A-14	14	28	44	47
IN535A-15	15	28	44	50
IN535A-16	16	28	44	55
IN535A-17	17	30	46	60
IN535A-19	19	30	46	65
IN535A-20	20	32	48	75



1/2" Injection Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			
CR-V	S(mm)	D ₂ (mm)	D ₁ (mm)	L(mm)
IN536-10	10	26.5	18	55
IN536-11	11	26.5	19	55
IN536-12	12	26.5	20.5	55
IN536-13	13	26.5	21.5	55
IN536-14	14	26.5	23	55
IN536-15	15	26.5	24	55
IN536-16	16	26.5	25	55
IN536-17	17	26.5	26.5	55
IN536-18	18	26.5	27.5	55
IN536-19	19	26.5	28.5	55
IN536-21	21	26.5	30	55
IN536-22	22	26.5	32.5	55
IN536-24	24	26.5	34.5	55
IN536-27	27	26.5	38.5	60
IN536-30	30	26.5	42.5	60
IN536-32	32	26.5	44.5	60

1/2" Dipped Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
CR-V	S(mm)	L(mm)	L(mm)	CR-V
IN536A-10	10	38	55	75
IN536A-11	11	38	55	75
IN536A-12	12	38	55	75
IN536A-13	13	38	55	77
IN536A-14	14	38	55	77
IN536A-15	15	38	55	90
IN536A-16	16	38	55	90
IN536A-17	17	38	55	90
IN536A-18	18	38	55	90
IN536A-19	19	38	55	105
IN536A-20	20	38	55	110
IN536A-21	21	38	55	115
IN536A-22	22	38	55	120
IN536A-23	23	38	55	142
IN536A-24	24	38	55	155
IN536A-25	25	41	58	170
IN536A-26	26	41	58	190
IN536A-27	27	42	59	200
IN536A-28	28	44	61	210
IN536A-29	29	44	61	225
IN536A-30	30	44	61	235
IN536A-32	32	44	61	275

3/8" Injection Deep Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE				N.W. (g)
CR-V	Ø(mm)	L ₁ (mm)	D ₁ (mm)	D ₂ (mm)	CR-V
WEDO8112-08	8	80	15	23	50
WEDO8112-10	10	80	17.5	23	60
WEDO8112-12	12	80	22	23	70
WEDO8112-14	14	80	23	23	80
WEDO8112-15	15	80	24	23	90
WEDO8112-17	17	80	26.5	23	100
WEDO8112-19	19	80	29	23	120
WEDO8112-22	22	80	33	23	140

1/2" Injection Deep Socket



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE					N.W. (g)
CR-V	Ø(mm)	L ₁ (mm)	D ₁ (mm)	D ₂ (mm)	CR-V	
WEDO8113-10	10	95	19	26		100
WEDO8113-12	12	95	20.5	26		120
WEDO8113-13	13	95	23	26		140
WEDO8113-14	14	95	23.5	26		150
WEDO8113-17	17	95	27	26		160
WEDO8113-19	19	95	30	26		170

Injection Cross Socket Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
CR-V	S(mm)	L(mm)	CR-V
WEDO8131	13/14/17/19	230	600

Injection Sliding T Type Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
CR-V	C(inch)	L(mm)	H(mm)	CR-V
IN537-02	3/8	140	200	350
IN537-04	1/2	140	200	420

Dipped Sliding T Type Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
CR-V	C(inch)	L(mm)	H(mm)	CR-V
IN537A-02	3/8	140	200	350
IN537A-04	1/2	140	200	420

Injection Ratchet Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
CR-V	S(mm)	L(mm)	CR-V
IN542-02	6.3	150	
IN542-04	10	200	
IN542-06	12.5	250	

Injection Spring Clamp



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
PLASTIC	L(mm)	PLASTIC
WEDO8511-150	150	100

Injection Spring Clamp



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
PLASTIC	L(mm)	PLASTIC
WEDO8512-150	150	100

Insulated Rubber Hammer



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
RUBBER	L(mm)	C(mm)	RUBBER
WEDO8711-160	160	40	550

Injection Safety Sleeve



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
PLASTIC	Size(#)	Φ(mm)	L(mm)	PLASTIC
WEDO8691	1	10	100	20
WEDO8692	2	10	100	22
WEDO8693	3	10	100	26

Dipped Safety Clamping Sleeve



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
PLASTIC	L(mm)	Φ(mm)	PLASTIC
WEDO8694	81	10	20
WEDO8695	102	20	22
WEDO8696	108	30	26

Injection Scissor



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE	N.W. (g)
CR-V	S(mm)	C(mm)
IN543-02	160	40

3/8" Insulated Torque Wrench



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
CR-V	N.m	L(mm)	CR-V
IN555-02	5-25	285	
IN555-04	10-50	285	
IN555-06	20-100	390	

Dipped Sliding T Handle



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
CR-V	C(inch)	L(mm)	H(mm)	CR-V
IN538-02	1/2	250	39	325
IN538-04	3/8	160	37	125

Dipped Offset Handle



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE			N.W. (g)
CR-V	C(inch)	L(mm)	H(mm)	CR-V
IN539-02	3/8	200	37	305
IN539-04	1/2	230	39	410

Dipped Driver Extension



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
CR-V	S(inch)	L(mm)	CR-V
IN540-02	3/8	75	
IN540-04	3/8	150	
IN540-06	1/2	125	
IN540-08	1/2	250	

Injection Driver Extension



AC 1000V
IEC 60900:2012

ITEM CODE	SIZE		N.W. (g)
CR-V	S(inch)	L(mm)	CR-V
IN540A-02	1/4	100	
IN540A-04	1/4	150	
IN540A-06	3/8	125	
IN540A-08	3/8	250	
IN540A-10	1/2	125	
IN540A-12	1/2	250	

12pc Insulated Precision Screwdrivers Set



AC 1000V
IEC 60900:2012

ITEM CODE	DESCRIPTION	SPECIFICATION
CR-V		
IN551-12	Slotted Screwdriver	0.6*3*100,0.8*4*100mm 1*5.5*100,1.2*6.5*100mm
	Phillips Screwdriver	PH2*100,PH1*100mm
	Pozidriv Screwdriver	PZ2*100,PZ1*100mm
	Torx Screwdriver	T10*100,T15*100mm T20*100mm
	Voltage tester	140mm

1/2"Dr Insulated Socket Set-21PCS



AC 1000V
IEC 60900:2012

ITEM CODE	DESCRIPTION	SIZE	N.W. (g)
CR-V			CR-V
IN544-21	Socket 6 pt	10,11,12,13,14,17, 19,22,24,27,30,32 mm	4940
	Ratchet Wrench	50mm	
	T Type Handle	200mm	
	Driver Extension	125mm	
	Driver Extension	250mm	
	Hexagon Socket	4,5,6,8,10	

3/8" Dr Insulated Socket Set-16PCS



AC 1000V
IEC 60900:2012

ITEM CODE	DESCRIPTION	SIZE	N.W. (g)
CR-V			CR-V
IN544A-16	Socket 6 ptt	8,10,12,13,14,17,19, 22	2660
	Ratchet Wrench	200mm	
	T Type Handle	200mm	
	Driver Extension	125mm	
	Driver Extension	250mm	
	Hexagon Socket	4,5,6,8	



Insulated Tools Set- 5PCS



AC 1000V
IEC 60900:2012

ITEM CODE	DESCRIPTION	SIZE	N.W. (g)
CR-V			CR-V
IN544B-5	Combination plier	6"	600
	Phillips Screwdriver	PH2×6×100	
	Slotted Screwdriver	1×5.5×125	
	Voltage tester	140mm	
	Red tape	1000×19×0.05mm	

Insulated Tools Set- 7PCS



AC 1000V
IEC 60900:2012

ITEM CODE	DESCRIPTION	SIZE	N.W. (g)
CR-V			CR-V
IN544C-7	Long nose plier	6"	1300
	Combination plier	7"	
	Diagonal cutting plier	6"	
	Phillips Screwdriver	PH2×6×100	
	Slotted Screwdriver	1×4.5×125	
	Voltage tester	140mm	
	Red tape	1000×19×0.15mm	

Insulated Screwdrivers Set-8PCS



AC 1000V
IEC 60900:2012

ITEM CODE	DESCRIPTION	SIZE	N.W. (g)
CR-V			CR-V
IN544D-8	Slotted Screwdriver	0.4×2.5×75	720
	Slotted Screwdriver	0.8×4×100	
	Slotted Screwdriver	1×5.5×125	
	Slotted Screwdriver	1.2×6.5×150	
	Phillips Screwdriver	PH2×6×100	
	Phillips Screwdriver	PH1×4.5×80	
	Phillips Screwdriver	PH0×3×60	
	Voltage tester	140mm	

Insulated Tools Set-11PCS



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
IN544E-11	Wire Stripper	6"	1520
	Diagonal cutting plier	6"	
	Long nose plier	6"	
	Slotted Screwdriver	0.8×4×100	
	Slotted Screwdriver	1×5.5×125	
	Phillips Screwdriver	PH2×6×100	
	Phillips Screwdriver	PH1×4.5×80	
	Slotted Screwdriver	0.4×2.5×75	
	Voltage tester	140mm	
	Black tape	1000×19×0.05mm	
	Red tape	1000×19×0.05mm	

Insulated Tools Set- 13PCS



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
IN544F-13	Wire Stripper	6"	2600
	Diagonal cutting plier	6"	
	Long nose plier	6"	
	Wire Stripper	6"	
	H8 Socket bit adaptor handle	H8	
	H10 Socket bit adaptor handle	H10	
	H5 Hexagon wrench	H5	
	H6 Hexagon wrench	H6	
	H8 Hexagon wrench	H8	
	Slotted Screwdriver	1×5.5×125	
	Phillips Screwdriver	PH2×6×100	
	Voltage tester	140mm	
	Red tape	1000×19×0.15mm	

Insulated Tools Set-13PCS



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
IN544G-13	Long nose plier	6"	2620
	Combination plier	6"	
	Diagonal cutting plier	6"	
	Wire Stripper	6"	
	Slotted Screwdriver	0.4×2.5×75	
	Slotted Screwdriver	0.8×4×100	
	Slotted Screwdriver	1×5.5×125	
	Slotted Screwdriver	1.2×6.5×150	
	Phillips Screwdriver	PH2×6×100	
	Phillips Screwdriver	PH1×4.5×80	
	Phillips Screwdriver	PH3×8×150	
	Voltage tester	140mm	
	Adjustable wrench	6"	

Insulated Tools Set- 16PCS



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
IN544H-16	Long nose plier	6"	2660
	Combination plier	8"	
	Cable plier	10"	
	Adjustable wrench	8"	
	Hook blade cable cutter		
	H10 Socket bit adaptor handle	H10	
	H12 Socket bit adaptor handle	H12	
	H5 Hexagon wrench	H5	
	H6 Hexagon wrench	H6	
	H10 Hexagon wrench	H10	
	Slotted Screwdriver	0.8x4x100	
	Slotted Screwdriver	1×5.5×125	
	Phillips Screwdriver	PH2x6x100	
	Phillips Screwdriver	PH1×45×80	
	Voltage tester	140mm	
	Red tape	1000×19×0.15mm	

Insulated Tools Set-42PCS



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
IN544I-42	Combination plier	8"	9200
	Diagonal Cutting plier	7"	
	Snipe nose plier	8"	
	Wire Stripping Pliers	6"	
	Pliers, Round 45 Degree Bent	6"	
	Water Pump Pliers	10"	
	Cable Shear	6"	
	Adjustable Wrench	8"	
	Scissors	160mm	
	Cable Knife (Long Hook)	38mm	
	Voltage tester	140mm	
	Open End Wrench	14mm	
	Open End Wrench	17mm	
	Open End Wrench	19mm	
	Phillips Screwdriver	PH3×150mm	
	Phillips Screwdriver	PH2×100mm	
	Phillips Screwdriver	PH1×80mm	
	Phillips Screwdriver	PH0×60mm	
	Phillips Screwdriver	2.5x75mm	
	Phillips Screwdriver	4x100mm	
	Slotted Screwdriver	5.5×125mm	
	1/2" Dr.6pt Socket	10mm	
	1/2" Dr.6pt Socket	11mm	
	1/2" Dr.6pt Socket	12mm	
	1/2" Dr.6pt Socket	13mm	
	1/2" Dr.6pt Socket	14mm	
	1/2" Dr.6pt Socket	17mm	
	1/2" Dr.6pt Socket	19mm	
	1/2" Dr.6pt Socket	22mm	
	1/2" Dr.6pt Socket	24mm	
	1/2" Dr.6pt Socket	27mm	
	1/2" Dr.6pt Socket	30mm	
	1/2" Dr.6pt Socket	32mm	
	1/2" Dr. Ratchet Wrench	250mm	
	T-Type Handle	200mm	
	Driver Extension	125mm	
	Driver Extension	250mm	
	Socket Hexagon	4mm	
	Socket Hexagon	5mm	
	Socket Hexagon	6mm	
	Socket Hexagon	8mm	
	Socket Hexagon	10mm	

Insulated Tools Set-8PCS



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
WEDO8831-S8	Slotted Screwdriver	2.5*75mm	800
	Phillips Screwdriver	4*100mm	
	Phillips Screwdriver	PH1*80mm	
	Phillips Screwdriver	PH2*100mm	
	Voltage Tester	3*60mm	
	Vinyl Electrical Tape	0.15*19*1000mm	
	Lone Nose Pliers	160mm	
	Diagonal Cutter Pliers	160mm	

Insulated Tools Set-19pcs



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
WEDO8833-S19	Lone Nose Pliers	200mm	3200
	Combination Pliers	180mm	
	Diagonal Cutter Pliers	160mm	
	Wire Stripper	160mm	
	Slotted Screwdriver	2.5*75mm	
	Slotted Screwdriver	4*100mm	
	Slotted Screwdriver	5.5*125mm	
	Slotted Screwdriver	6.5*150mm	
	Phillips Screwdriver	PH0*60mm	
	Phillips Screwdriver	PH1*80mm	
	Phillips Screwdriver	PH2*100mm	
	Phillips Screwdriver	PH3*150mm	
	Vinyl Eleat'ical Tape	0.15*19*1000mm	
	Precision Socket	H5,H6 H8,H9	

Insulated Tools Set-23pcs



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
WEDO8835-S23	3/8" Metric Socket	8, 10, 12, 13, 14, 15, 16, 17, 18, 19mm	4350
	Open End Spanner	8, 10, 12, 13, 14mm	
	Combination Pliers	200mm	
	Adjustable Wrench	250mm	
	Slotted Screwdriver	5.5*125mm	
	Phillips Screwdriver	PH2*100mm	
	Ratchet Wrench	3/8*200mm	
	T type wrench	200mm	
	Extension Bar With Socket	125,250mm	

Insulated Tools Set-25pcs



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
WEDO8837-S25	Socket	10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32mm	5300
	Extension Bar With Socket	125mm	
	Ratchet Wrench	250mm	
	Adjustable Wrench	200mm	
	Combination Pliers	200mm	
	Diagonal Cutter	160mm	
	Flat Nose Pliers	160mm	
	Slotted Screwdriver	5.5*125mm	
	Phillips Screwdriver	PH1*80mm	
	Phillips Screwdriver	PH2*100mm	

Insulated Tools Set-24pcs



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
WEDO8836-S24	1/2" Socket	10,11,12,13,14,17,19mm	4100
	Open End Spanner	10,11,12,13,14,17,18mm	
	T type Wrench	200mm	
	Combination Pliers	200mm	
	Diagonal Cutter	160mm	
	Slotted Screwdriver	4*100	
	Slotted Screwdriver	5.5*125	
	Slotted Screwdriver	6.5*150mm	
	Phillips Screwdriver	PH0*60	
	Phillips Screwdriver	PH1*80	

68pcs Insulated tools kit for Electric Vehicle maintenance



AC 1000V
IEC 60900:2012

ITEM CODE CR-V	DESCRIPTION	SIZE	N.W. (g) CR-V
WEDO8868-S68	3/8 " Socket	8,10,12,13,14,16,17,18mm	92000
	3/8 " Injection Extension Bar	125mm	
	3/8 " Reversible Ratchet Wrench	250mm	
	1/2" Socket	10,11,12,13,14,15,16,17,18,19,21,22,24mm	
	1/2 " Injection Extension Bar	125mm	
	1/2" Reversible Ratchet Wrench	250mm	
	1/2" Injection T-handle Wrench	200mm	
	1/2" Injection Hexagon Socket	4, 5, 6, 8, 10mm	
	Open End Spanner	8,10,12,13,14,15,16,17,18,19,21,22,24mm	
	Screwdriver	8,10,12,13,14,15,16,17,18,19,21,22,24mm	
	Screwdriver	PH0*60	
	Screwdriver	PH1*80	
	Screwdriver	PH2*100mm	
	Screwdriver	2.5*75mm	
	Screwdriver	4*100mm	
	Screwdriver	5.5*125mm	
	Diagonal Cutter Pliers	160mm	
	Lone Nose Pliers	200mm	
	Combination Pliers	200mm	
	Sickle blade cable Knife	38mm	



TESTED BY 10,000V HIGH VOLTAGE / VDE CERTIFICATION
HIGH PRESSURE AND HIGH TEMPERATURE RESISTANCE, GOOD TOUGHNESS

INSULATED TOOLS SET-46PCS

MANUFACTURED ACCORDING TO EN/IEC 60900 STANDARD, EACH TOOL PASSED 10,000V TESTING BEFORE DELIVERY OUT OF FACTORY, TO MAKE SURE SAFETY

The blade is made of S2 industrial-grade high-end alloy steel, with overall heat treatment, and head is processed by phosphating treatment, more accurate to use.

The opening wrench is designed at a 15° angle, and the box wrench at a 75° bevel angle, which is more labor-saving.

The storage case is manufactured in ABS hard shell, waterproof and easy to carry, convenient to store and move; it includes a wide range of insulated tools for electrical installation.

Ergonomically designed bi-material handle for a comfortable grip.
The cutting edge can cut soft and hard metal wires, with high hardness and strong cutting force.

By pushing the handle, the opening can be adjusted directly on the workpiece.
The clamping surface has special hardened serrations and high hardness.



• Insulated Tools Set-46pcs

AC 1000V
IEC 60900:2012

ITEM CODE	DETAILS				N.W. (g) CR-V
	DESCRIPTION	SIZE	DESCRIPTION	SIZE	
WEDO8866-S46	Socket	10,11,12,14,16,17,19,22,24,27,30,32mm	Phillips Screwdriver	PH0*60 PH1*80mm, PH2*100mm	10500
	Hexagon Socket	4,5,6,8,10mm	Voltage Tester	3*60mm	
	T type wrench	200mm	Combination Pliers	160mm	
	Ratchet Wrench	250mm	Lone Nose Pliers	160mm	
	Open End Spanner	8,10,11,14, 17,19,24mm	Diagonal Cutter	160mm	
	Double Offset Ring Spanner	10, 11, 14, 17, 19, 22mm	Water Pump Pliers	250mm	
	Slotted Screwdriver	2.5*75mm 4*100mm, 6.5*150mm	Extension Bar With Socket	125mm, 250mm	
			Waterproof Box	460mm*360mm*160mm	



DIN

40 Chrome Special Steel Tools

- High Strength
- Die Forging Technology
- Industrial Grade
- Jumbo Tools



Wrench,Construction with Pin



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3301-17	17	220	120
CT3301-19	19	240	150
CT3301-22	22	260	200
CT3301-24	24	280	250
CT3301-27	27	300	330
CT3301-30	30	320	420
CT3301-32	32	340	500
CT3301-36	36	360	680
CT3301-41	41	380	950
CT3301-46	46	400	1050
CT3301-50	50	420	1100
CT3301-55	55	450	1400
CT3301-60	60	480	1900

Wrench, Single Open End



40 CR DIN 894

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3302-14	14	140	90
CT3302-17	17	160	100
CT3302-19	19	170	120
CT3302-22	22	195	160
CT3302-24	24	220	180
CT3302-27	27	240	270
CT3302-30	30	260	300
CT3302-32	32	275	380
CT3302-34	34	290	470
CT3302-36	36	310	500
CT3302-41	41	345	580
CT3302-46	46	375	900
CT3302-50	50	410	1150
CT3302-55	55	450	1400
CT3302-60	60	490	2000
CT3302-65	65	530	2800
CT3302-70	70	570	3050
CT3302-75	75	610	3500
CT3302-80	80	645	4600
CT3302-85	85	690	5200
CT3302-90	90	850	6100
CT3302-95	95	850	6100
CT3302-100	100	1000	7700
CT3302-105	105	1000	7700
CT3302-110	110	1000	9000
CT3302-115	115	1000	9000
CT3302-120	120	1000	9500
CT3302-125	125	1000	9500

Wrench,Double Open End



40 CR DIN 895

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3303-1417	14×17	160	120
CT3303-1719	17×19	180	130
CT3303-1922	19×22	200	180
CT3303-1924	19×24	220	250
CT3303-2224	22×24	230	230
CT3303-2427	24×27	255	320
CT3303-2730	27×30	280	470
CT3303-3032	30×32	300	580
CT3303-3236	32×36	320	700
CT3303-3436	34×36	330	750
CT3303-3641	36×41	350	850
CT3303-4146	41×46	380	970
CT3303-4650	46×50	420	1400
CT3303-5055	50×55	460	1800
CT3303-5560	55×60	500	2650
CT3303-6065	60×65	540	3200
CT3303-6570	65×70	580	3450
CT3303-7075	70×75	620	3900
CT3303-7580	75×80	660	4620

Wrench,Bent Striking Open



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3304A-19	19	140	140
CT3304A-22	22	150	170
CT3304A-24	24	150	200
CT3304A-27	27	175	400
CT3304A-32	32	190	550
CT3304A-36	36	210	750
CT3304A-41	41	230	1100
CT3304A-46	46	250	1250
CT3304A-50	50	275	1700
CT3304A-55	55	305	2300
CT3304A-60	60	315	2800
CT3304A-65	65	335	3600
CT3304A-70	70	370	4400
CT3304A-75	75	375	4700
CT3304A-80	80	400	6100

Wrench,Striking Open



40 CR DIN 133

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3304-22	22	135	190
CT3304-24	24	150	230
CT3304-27	27	175	350
CT3304-30	30	190	500
CT3304-32	32	190	600
CT3304-36	36	210	700
CT3304-38	38	220	820
CT3304-41	41	230	900
CT3304-46	46	250	1200
CT3304-50	50	275	1500
CT3304-55	55	305	2000
CT3304-60	60	315	2200
CT3304-65	65	335	3100
CT3304-70	70	370	4000
CT3304-75	75	375	4500
CT3304-80	80	400	5500
CT3304-85	85	400	5500
CT3304-90	90	445	8000
CT3304-100	100	485	11500
CT3304-110	110	512	14000
CT3304-120	120	530	16300
CT3304-130	130	560	18500
CT3304-140	140	630	24000
CT3304-150	150	630	24000

Wrench,Construction with Pin



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3305-17	17	320	205
CT3305-19	19	350	300
CT3305-22	22	350	410
CT3305-24	24	370	450
CT3305-27	27	370	610
CT3305-30	30	400	755
CT3305-32	32	400	755
CT3305-36	36	430	900
CT3305-41	41	470	1205
CT3305-46	46	500	1515
CT3305-50	50	530	1780
CT3305-55	55	560	2045

Wrench,Combination



40 CR DIN 5113

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3306-22	22	245	280
CT3306-24	24	265	320
CT3306-27	27	290	440
CT3306-30	30	320	640
CT3306-32	32	340	700
CT3306-36	36	360	1000
CT3306-41	41	430	1420
CT3306-46	46	480	1600
CT3306-50	50	520	1900
CT3306-55	55	560	2470
CT3306-60	60	595	2750
CT3306-65	65	595	3300
CT3306-70	70	630	4200
CT3306-75	75	630	4000
CT3306-80	80	660	5400
CT3306-85	85	660	5200
CT3306-90	90	720	7100
CT3306-95	95	720	6800
CT3306-100	100	780	8400
CT3306-105	105	780	8100
CT3306-110	110	840	9800
CT3306-115	115	840	9500
CT3306-120	120	900	12100
CT3306-125	125	900	11800

Wrench,Striking Box Bent



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3309-22	22	140	220
CT3309-24	24	160	280
CT3309-27	27	175	350
CT3309-30	30	190	500
CT3309-32	32	190	450
CT3309-36	36	210	600
CT3309-41	41	225	850
CT3309-46	46	240	1100
CT3309-50	50	255	1300
CT3309-55	55	270	1500
CT3309-60	60	285	2000
CT3309-65	65	300	2500
CT3309-70	70	320	2800
CT3309-75	75	330	3200

Wrench, Single Bent Box



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3307-10	10	119	55
CT3307-12	12	151	82
CT3307-14	14	151	90
CT3307-17	17	174	150
CT3307-19	19	207	215
CT3307-22	22	207	215
CT3307-24	24	250	330
CT3307-27	27	250	330
CT3307-30	30	295	520
CT3307-32	32	295	550
CT3307-36	36	307	600
CT3307-41	41	340	780
CT3307-46	46	370	1050
CT3307-50	50	400	1580
CT3307-55	55	430	2130
CT3307-60	60	450	2430
CT3307-65	65	470	2520
CT3307-70	70	490	3480
CT3307-75	75	510	3800
CT3307-80	80	530	4200

Wrench,Single End Box



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3311-22	22	190	170
CT3311-24	24	215	210
CT3311-27	27	230	265
CT3311-30	30	255	370
CT3311-32	32	265	445
CT3311-36	36	295	600
CT3311-41	41	330	835
CT3311-46	46	365	1135
CT3311-50	50	400	1400
CT3311-55	55	445	1830
CT3311-60	60	474	2180
CT3311-65	65	510	2600
CT3311-70	70	555	3050
CT3311-75	75	590	3085
CT3311-80	80	620	4200
CT3311-85	85	620	4800
CT3311-90	90	650	5400
CT3311-100	100	650	6100

Wrench,Single Box Offset



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3308-22	22	190	200
CT3308-24	24	215	245
CT3308-27	27	230	310
CT3308-30	30	255	425
CT3308-32	32	265	510
CT3308-36	36	295	690
CT3308-41	41	330	960
CT3308-46	46	365	1305
CT3308-50	50	400	1610
CT3308-55	55	445	2100
CT3308-60	60	474	2500
CT3308-65	65	510	2900
CT3308-70	70	555	3360
CT3308-75	75	590	3400
CT3308-80	80	620	4650
CT3308-85	85	665	5300
CT3308-90	90	700	5950
CT3308-100	100	740	6750

Wrench,Construction



40 CR

ITEM CODE	SIZE		N.W. (g)
SPECIAL STEEL	Size(mm)	L(mm)	SPECIAL STEEL
CT3312-17	17	310	190
CT3312-19	19	330	215
CT3312-22	22	350	275
CT3312-24	24	370	340
CT3312-27	27	400	425
CT3312-30	30	430	600
CT3312-32	32	430	580
CT3312-36	36	460	825
CT3312-41	41	490	1070
CT3312-46	46	520	1450
CT3312-50	50	540	1780
CT3312-55	55	560	2100
CT3312-60	60	610	2500
CT3312-65	65	630	2700
CT3312-70	70	630	3200
CT3312-75	75	665	3460
CT3312-80	80	690	4000
CT3312-85	85	690	3850
CT3312-90	90	710	5000
CT3312-95	95	710	4800
CT3312-100	100	730	5800
CT3312-110	110	750	7200

Wrench,Striking Box



40 CR
DIN 7444

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3310-17	17	145	200
CT3310-19	19	145	200
CT3310-22	22	155	230
CT3310-24	24	165	250
CT3310-27	27	175	310
CT3310-30	30	185	405
CT3310-32	32	185	430
CT3310-36	36	205	520
CT3310-41	41	225	710
CT3310-46	46	235	900
CT3310-50	50	250	1050
CT3310-55	55	265	1360
CT3310-60	60	274	1500
CT3310-65	65	298	2100
CT3310-70	70	320	2350
CT3310-75	75	326	2850
CT3310-80	80	350	3400
CT3310-85	85	355	4100
CT3310-90	90	380	5200
CT3310-100	100	410	6700
CT3310-110	110	445	8640
CT3310-120	120	480	10400
CT3310-130	130	520	11900
CT3310-140	140	520	12280
CT3310-150	150	565	13650
CT3310-160	160	585	15800

Wrench,Striking Convex Box



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3313-27	27	175	350
CT3313-30	30	185	500
CT3313-32	32	185	450
CT3313-36	36	210	700
CT3313-41	41	227	900
CT3313-46	46	245	1200
CT3313-50	50	257	1500
CT3313-55	55	267	1700
CT3313-60	60	278	2000
CT3313-65	65	298	2200
CT3313-70	70	320	2800
CT3313-75	75	326	3000

Wrench,Double Box Offset



40 CR
DIN 838

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3314-1719	17*19	280	170
CT3314-1922	19*22	300	200
CT3314-1924	19*24	320	300
CT3314-2123	21*23	320	350
CT3314-2224	22*24	330	400
CT3314-2427	24*27	340	450
CT3314-2730	27*30	350	500
CT3314-3032	30*32	370	650
CT3314-3236	32*36	430	950
CT3314-3641	36*41	470	1200
CT3314-4146	41*46	500	1500
CT3314-4650	46*50	525	1800
CT3314-5055	50*55	550	2700
CT3314-5560	55*60	575	3000
CT3314-6065	60*65	600	3600
CT3314-6570	65*70	625	3900
CT3314-7075	70*75	650	4300
CT3314-7580	75*80	675	4800

Ring Wrench for Extension



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3316-24	24	180	450
CT3316-27	27	190	500
CT3316-30	30	200	550
CT3316-32	32	235	750
CT3316-36	36	245	850
CT3316-41	41	265	1000
CT3316-46	46	280	1400
CT3316-50	50	290	1600
CT3316-55	55	300	1750
CT3316-60	60	345	2800
CT3316-65	65	355	3200
CT3316-70	70	365	3700
CT3316-75	75	375	4100
CT3316-80	80	385	4900

Wrench,Double Flat Box



40 CR
DIN 837

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3315-1719	17*19	185	125
CT3315-1922	19*22	200	170
CT3315-2224	22*24	220	225
CT3315-2427	24*27	255	300
CT3315-2430	24*30	270	355
CT3315-2528	25*28	265	360
CT3315-2730	27*30	280	405
CT3315-3032	30*32	295	470
CT3315-3034	30*34	310	555
CT3315-3236	32*36	330	620
CT3315-3436	34*36	345	715
CT3315-3641	36*41	365	880

Offset Slogging Box Wrench



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3317-24	24	160	350
CT3317-27	27	180	450
CT3317-30	30	200	580
CT3317-32	32	200	560
CT3317-36	36	220	780
CT3317-41	41	240	900
CT3317-46	46	250	1250
CT3317-50	50	270	1650
CT3317-55	55	295	2150
CT3317-60	60	317	2300
CT3317-65	65	330	2600
CT3317-70	70	350	3200
CT3317-75	75	370	4400
CT3317-80	80	385	4750
CT3317-90	90	420	6800
CT3317-100	100	435	7750
CT3317-110	110	455	9200
CT3317-120	120	485	10500
CT3317-130	130	520	12000

Offset Slogging Box Wrench (American Type)



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3318-22	22	240	900
CT3318-24	24	240	900
CT3318-27	27	270	1200
CT3318-30	30	280	1400
CT3318-32	32	290	1600
CT3318-36	36	300	1800
CT3318-38	38	300	1700
CT3318-41	41	320	2000
CT3318-46	46	340	2600
CT3318-50	50	350	3000
CT3318-55	55	360	3900
CT3318-60	60	375	4100
CT3318-65	65	390	4200
CT3318-70	70	400	5100
CT3318-75	75	420	5500
CT3318-80	80	440	6900
CT3318-85	85	460	7330
CT3318-90	90	480	8800
CT3318-95	95	480	8800
CT3318-100	100	515	10900
CT3318-105	105	515	10900
CT3318-110	110	550	12100
CT3318-115	115	550	12100
CT3318-120	120	585	15200
CT3318-125	125	585	15100
CT3318-130	130	620	17800
CT3318-135	135	620	17650

Extension for CT3316



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3316A-1002	24-30	460	775
CT3316A-1004	32-41	610	1130
CT3316A-1006	46-55	760	1875
CT3316A-1008	60-80	860	2880

Flat Slogging Box Wrench (American Type)



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3318A-27	27	250	630
CT3318A-30	30	256	740
CT3318A-32	32	260	770
CT3318A-36	36	270	1040
CT3318A-41	41	278	1240
CT3318A-46	46	287	1650
CT3318A-50	50	296	1730
CT3318A-55	55	303	2050
CT3318A-60	60	315	2330
CT3318A-65	65	322	2640
CT3318A-70	70	325	2875
CT3318A-75	75	338	3300
CT3318A-80	80	348	3700
CT3318A-85	85	355	4000
CT3318A-90	90	360	4230
CT3318A-95	95	365	4600
CT3318A-100	100	375	4900
CT3318A-105	105	385	6500
CT3318A-110	110	400	6500
CT3318A-115	115	415	7200
CT3318A-120	120	430	8000

WEDO SPECIAL JUMBO STEEL TOOLS

- One-time die-forged
- Germany DIN standard
- Corrosion resistant and durable

Wrench Single Box Convex



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
		L(mm)	SPECIAL STEEL
CT3319A-17	17	140	170
CT3319A-19	19	155	225
CT3319A-22	22	180	290
CT3319A-24	24	200	410
CT3319A-27	27	225	550
CT3319A-30	30	250	820
CT3319A-32	32	270	930
CT3319A-36	36	290	1100
CT3319A-41	41	310	1530
CT3319A-46	46	330	1800
CT3319A-50	50	350	2280
CT3319A-55	55	370	2710
CT3319A-60	60	390	3120
CT3319A-65	65	410	3600
CT3319A-70	70	430	4450
CT3319A-75	75	450	5110
CT3319A-80	80	470	5660
CT3319A-85	85	490	6390
CT3319A-90	90	500	7640
CT3319A-95	95	510	8450
CT3319A-100	100	525	9160

Giant Adjustable Wrench



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(inch)	
		L(inch)	SPECIAL STEEL
CT3319-1002	1-3/8--2-7/8	24	4450
CT3319-1004	2-3/4--4-3/4	36	13000

Bar,Pinch



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	
			SPECIAL STEEL
CT3320-1002	16*300		470
CT3320-1004	16*400		630
CT3320-1006	18*500		950
CT3320-1008	20*600		1340
CT3320-1010	22*700		1960
CT3320-1012	24*800		2680
CT3320-1014	26*900		3750
CT3320-1016	28*1000		4830
CT3320-1018	30*1000		5500
CT3320-1020	32*1200		7600

Wrench,Hook



40 CR DIN 1810

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3321-1002		30-32	136
CT3321-1004		34-36	170
CT3321-1006		40-42	170
CT3321-1008		45-50	206
CT3321-1010		52-55	206
CT3321-1012		58-62	242
CT3321-1014		68-75	242
CT3321-1016		80-90	280
CT3321-1018		95-100	280
CT3321-1020		110-115	334
CT3321-1022		120-130	334
CT3321-1024		135-145	383

Hook Wrench, Adjustable



40 CR DIN 1810

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3321A-1002		19-50	162
CT3321A-1004		32-75	205
CT3321A-1006		50-120	288
CT3321A-1008		115-170	310

Hook Wrench with Pin



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3321B-1002		12-14	116
CT3321B-1004		16-18	116
CT3321B-1006		20-22	125
CT3321B-1008		25-28	139
CT3321B-1010		30-32	136
CT3321B-1012		34-36	171
CT3321B-1014		40-42	171
CT3321B-1016		45-50	207
CT3321B-1018		52-55	207
CT3321B-1020		58-62	243
CT3321B-1022		68-75	243
CT3321B-1024		80-90	281
CT3321B-1026		95-100	281
CT3321B-1028		110-115	333

Hook Wrench,Adjustable



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3321C-1002		20-42	162
CT3321C-1004		45-90	250
CT3321C-1006		95-165	310

Hook Wrench with Pin, Adjustable



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3321D-1004		20-35/2.5	150
CT3321D-1006		22-35/3	150
CT3321D-1008		35-60/4	170
CT3321D-1010		35-60/5	170
CT3321D-1012		60-90/5	250
CT3321D-1014		60-90/5.5	250

Adjustable Hinged Pin Wrench for Nut with 2 holes



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3321E-1002		18-40	150
CT3321E-1004		40-80	220
CT3321E-1006		80-125	295
CT3321E-1008		125-200	405

Valve Spanner



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(inch)	SPECIAL STEEL
CT3322-1002		2-7	215
CT3322-1004		8-15	400
CT3322-1006		16-20	490
CT3322-1008		16-20	800

Valve Spanner



40 CR

ITEM CODE	SIZE			N.W. (g)
	SPECIAL STEEL	K(inch)	D(inch)	SPECIAL STEEL
CT3322A-1002		1-3/8	1-1/2	1350

Valve Spanner



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3322B-1002		12.5-18.8	240
CT3322B-1004		25-80	285
CT3322B-1006		50-150	325
CT3322B-1008		125-250	420
CT3322B-1010		250-400	555
CT3322B-1012		350-900	765

Chisel, Flat



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3323-1002		16*160	160
CT3323-1004		18*180	180
CT3323-1006		20*160	160
CT3323-1008		22*180	180
CT3323-1010		24*180	180
CT3323-1012		25*250	250
CT3323-1014		27*300	300
CT3323-1016		30*300	300
CT3323-1018		35*500	500

Wrench,C



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3327-1002		200	200
CT3327-1004		250	250
CT3327-1006		450	450

Punch,Machinists'



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3324-1002		16*300	300
CT3324-1004		16*400	400
CT3324-1006		18*500	500
CT3324-1008		20*600	600
CT3324-1010		22*700	700
CT3324-1012		24*800	800
CT3324-1014		26*900	900
CT3324-1016		28*1000	1000
CT3324-1018		30*1000	1000
CT3324-1020		32*1200	1200

Wrench,Hex Key



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3325-22		22	187
CT3325-24		24	192
CT3325-27		27	213
CT3325-30		30	255
CT3325-32		32	286
CT3325-36		36	328
CT3325-38		38	348
CT3325-41		41	380
CT3325-46		46	413
CT3325-50		50	445
CT3325-55		55	457
CT3325-60		60	470
CT3325-65		65	482
CT3325-70		70	495

Valve Handle



40 CR

ITEM CODE	SIZE(mm)		N.W. (g)
	SPECIAL STEEL	SIZE(mm)	SPECIAL STEEL
CT3326-1002		45*350	510
CT3326-1004		50*400	800
CT3326-1006		55*450	940
CT3326-1008		60*500	1170
CT3326-1010		65*550	1300
CT3326-1012		70*600	1470
CT3326-1014		75*650	1560
CT3326-1016		80*700	1600
CT3326-1018		85*750	2250
CT3326-1020		90*800	2430
CT3326-1022		93*850	2530
CT3326-1024		96*900	2600
CT3326-1026		100*950	2800
CT3326-1028		103*1000	2900
CT3326-1030		105*1200	5400

Valve Handle



40 CR

ITEM CODE	SIZE(mm)		N.W. (g)
	SPECIAL STEEL	SIZE(mm)	SPECIAL STEEL
CT3326A-1002		30*200	250
CT3326A-1004		35*250	355
CT3326A-1006		40*300	420
CT3326A-1008		45*350	555
CT3326A-1010		50*400	700
CT3326A-1012		55*450	785
CT3326A-1014		60*500	1150
CT3326A-1016		65*550	1220
CT3326A-1018		70*600	1310
CT3326A-1020		75*650	1570
CT3326A-1022		80*700	1785
CT3326A-1024		85*750	2090
CT3326A-1026		90*800	2550

Wrench,C



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	K(mm)	SPECIAL STEEL
CT3328-1002		40	450

Punch, Center



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3329-1002		22*700	700
CT3329-1004		24*800	800
CT3329-1006		26*900	900
CT3329-1008		28*1000	1000
CT3329-1010		30*1000	1000
CT3329-1012		32*1200	1200

Bar,Sliding



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(mm)	SPECIAL STEEL
CT3330-1002		Φ21*400	400

Sliding T Handle



40 CR

ITEM CODE	SIZE		N.W. (g)
	SPECIAL STEEL	Size(inch)	SPECIAL STEEL
CT3331-1002		3/4	400
CT3331-1004		1	400

Dr Socket 3/4"



40 CR

ITEM CODE	SIZE(mm)		N.W. (g)
	SPECIAL STEEL	SIZE(mm)	SPECIAL STEEL
CT3332A-24		24	300
CT3332A-27		27	310
CT3332A-30		30	400
CT3332A-32		32	430
CT3332A-36		36	490
CT3332A-41		41	670
CT3332A-46		46	720
CT3332A-50		50	850

Dr Socket 1"

Driver Extension

Impact Socket(1-1/2" Deep)



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3332-24	24	55	360
CT3332-27	27	55	380
CT3332-30	30	60	430
CT3332-32	32	60	460
CT3332-34	34	60	510
CT3332-36	36	65	525
CT3332-38	38	65	610
CT3332-41	41	70	655
CT3332-46	46	75	780
CT3332-50	50	75	890
CT3332-55	55	80	1050
CT3332-60	60	85	1320
CT3332-65	65	90	1475
CT3332-70	70	90	1625
CT3332-75	75	95	2155
CT3332-80	80	95	2390
CT3332-85	85	100	3200
CT3332-90	90	100	4000
CT3332-95	95	100	4800
CT3332-100	100	105	5500
CT3332-105	105	105	6800
CT3332-110	110	115	8100
CT3332-115	115	115	9400
CT3332-120	120	120	11500
CT3332-125	125	120	12500
CT3332-130	130	130	13700
CT3332-135	135	135	14500
CT3332-140	140	135	15700
CT3332-145	145	135	17000
CT3332-150	150	135	18000

Ratchet Wrench



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(inch)	L(mm)	
CT3335-1002	3/4	320	1490
CT3335-1004	1	550	3220
CT3335-1006	1-1/2	600	4600

40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(inch)	L(mm)	
CT3333-1002	3/4	200	910
CT3333-1004	1	200	1480

Ratchet Wrench



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(inch)	L(mm)	
CT3334-1002	3/4	160	1570
CT3334-1004	1	180	3100
CT3334-1006	1-1/2	225	4600

Impact Socket(1-1/2")



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3336-32	32	75	1860
CT3336-36	36	80	2200
CT3336-41	41	80	2150
CT3336-46	46	85	2290
CT3336-50	50	85	2380
CT3336-55	55	90	2480
CT3336-60	60	90	2640
CT3336-65	65	95	3060
CT3336-70	70	95	3200
CT3336-75	75	100	3625
CT3336-80	80	100	3980
CT3336-85	85	110	4400
CT3336-90	90	110	4700
CT3336-95	95	110	5500
CT3336-100	100	115	5820
CT3336-105	105	115	6400
CT3336-110	110	115	8600
CT3336-115	115	125	10380
CT3336-120	120	125	11020
CT3336-125	125	130	11970
CT3336-130	130	135	13575
CT3336-135	135	140	14850
CT3336-140	140	140	15600
CT3336-145	145	145	13800
CT3336-150	150	150	19500

40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3337-41	41	115	3000
CT3337-46	46	115	3300
CT3337-50	50	135	3400
CT3337-55	55	140	3930
CT3337-60	60	150	4790
CT3337-65	65	150	5440
CT3337-70	70	160	6000
CT3337-75	75	170	6250
CT3337-80	80	170	6390
CT3337-85	85	170	7130
CT3337-90	90	178	7680
CT3337-95	95	184	8850
CT3337-100	100	190	9080
CT3337-105	105	197	13200
CT3337-110	110	203	14030
CT3337-115	115	203	10670
CT3337-120	120	213	19000
CT3337-125	125	213	20020
CT3337-130	130	220	22500

Impact Socket 1"



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3338-17	17	55	530
CT3338-19	19	55	550
CT3338-20	20	55	560
CT3338-21	21	55	570
CT3338-22	22	55	580
CT3338-24	24	55	600
CT3338-25	25	55	600
CT3338-27	27	55	750
CT3338-28	28	60	750
CT3338-30	30	60	760
CT3338-32	32	60	850
CT3338-34	34	60	850
CT3338-36	36	60	900
CT3338-38	38	65	940
CT3338-40	40	65	940
CT3338-41	41	65	940
CT3338-42	42	65	1100
CT3338-45	45	70	1300
CT3338-46	46	70	1300
CT3338-48	48	75	1500

Impact Socket 1"

Impact Socket 3/4"



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3338-50	50	75	1500
CT3338-52	52	75	1680
CT3338-55	55	75	1680
CT3338-57	57	75	1900
CT3338-60	60	85	2100
CT3338-62	62	85	2150
CT3338-65	65	85	2170
CT3338-67	67	85	2350
CT3338-70	70	90	2500
CT3338-72	72	90	2600
CT3338-75	75	90	2780
CT3338-78	78	90	2850
CT3338-80	80	90	3000
CT3338-82	82	90	3600
CT3338-85	85	100	4600
CT3338-87	87	100	4700
CT3338-90	90	100	4800
CT3338-92	92	100	5000
CT3338-95	95	100	5100
CT3338-97	97	100	5380
CT3338-100	100	100	5550
CT3338-102	102	100	6000
CT3338-105	105	110	7100
CT3338-107	107	110	7600
CT3338-110	110	110	7900
CT3338-112	112	115	8600
CT3338-115	115	115	8700
CT3338-118	118	115	10900
CT3338-120	120	130	10700
CT3338-122	122	130	10500
CT3338-125	125	125	11000
CT3338-127	127	130	11200
CT3338-130	130	130	12000
CT3338-132	132	130	11900
CT3338-135	135	130	12700
CT3338-138	138	130	15500
CT3338-140	140	135	15300
CT3338-142	142	135	15000
CT3338-145	145	135	16000
CT3338-148	148	135	16600
CT3338-150	150	135	16500

40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3338A-16	16	50	350
CT3338A-17	17	50	350
CT3338A-18	18	50	360
CT3338A-19	19	50	360
CT3338A-20	20	50	360
CT3338A-21	21	50	380
CT3338A-22	22	50	380
CT3338A-23	23	50	400
CT3338A-24	24	50	400
CT3338A-25	25	50	410
CT3338A-26	26	53	410
CT3338A-27	27	53	415
CT3338A-28	28	53	425
CT3338A-29	29	53	425
CT3338A-30	30	53	425
CT3338A-31	31	56	460
CT3338A-32	32	56	450
CT3338A-33	33	56	460
CT3338A-34	34	56	460
CT3338A-35	35	56	480
CT3338A-36	36	56	480
CT3338A-37	37	56	500
CT3338A-38	38	56	550
CT3338A-40	40	60	600
CT3338A-41	41	60	700
CT3338A-42	42	60	730
CT3338A-43	43	60	730
CT3338A-44	44	60	740
CT3338A-45	45	60	740
CT3338A-46	46	60	740
CT3338A-47	47	70	900
CT3338A-48	48	70	1025
CT3338A-50	50	70	1025
CT3338A-52	52	70	1280
CT3338A-53	53	70	1350
CT3338A-54	54	70	1350
CT3338A-55	55	75	1400
CT3338A-56	56	75	1600
CT3338A-57	57	75	1600
CT3338A-58	58	75	1600
CT3338A-59	59	75	1800
CT3338A-60	60	75	1800
CT3338A-61	61	75	1800
CT3338A-62	62	75	1800
CT3338A-63	63	75	1900
CT3338A-64	64	75	2000
CT3338A-65	65	75	2000
CT3338A-66	66	75	2000
CT3338A-67	67	75	2000
CT3338A-68	68	80	2000

Impact Socket 3/4"



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3338A-70	70	80	2400
CT3338A-72	72	80	2500
CT3338A-73	73	80	2500
CT3338A-74	74	80	2500
CT3338A-75	75	80	2600
CT3338A-76	76	80	2700
CT3338A-78	78	80	2700
CT3338A-80	80	85	3100
CT3338A-82	82	85	3200
CT3338A-85	85	85	3400
CT3338A-87	87	90	4000
CT3338A-90	90	90	3800
CT3338A-92	92	90	4300
CT3338A-95	95	90	4100
CT3338A-98	98	95	5100
CT3338A-100	100	95	5000

Impact Socket(1" Deep)



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
CT3338B-24	24	100	973
CT3338B-27	27	100	1040
CT3338B-30	30	100	1040
CT3338B-32	32	100	1240
CT3338B-36	36	100	1254
CT3338B-38	38	100	1450
CT3338B-41	41	100	1600
CT3338B-46	46	100	2217
CT3338B-50	50	100	2483
CT3338B-55	55	100	2817
CT3338B-60	60	100	2867
CT3338B-65	65	100	3033
CT3338B-70	70	100	3200
CT3338B-75	75	100	3600
CT3338B-80	80	100	4000

Impact Socket(3/4" Deep)



40 CR DIN 3129

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3338C-17	17	90	570
CT3338C-19	19	90	580
CT3338C-21	21	90	600
CT3338C-22	22	90	600
CT3338C-24	24	90	720
CT3338C-26	26	90	720
CT3338C-27	27	90	720
CT3338C-28	28	90	780
CT3338C-30	30	90	780
CT3338C-32	32	90	875
CT3338C-34	34	90	950
CT3338C-36	36	90	1040
CT3338C-38	38	90	1100
CT3338C-40	40	90	1200
CT3338C-41	41	90	1200
CT3338C-42	42	90	1200
CT3338C-44	44	90	1550
CT3338C-46	46	100	1630
CT3338C-48	48	100	1900
CT3338C-50	50	100	1950
CT3338C-52	52	100	2200
CT3338C-54	54	100	2400
CT3338C-55	55	100	2500
CT3338C-57	57	100	2900
CT3338C-60	60	100	3100
CT3338C-62	62	100	3200
CT3338C-65	65	100	3500
CT3338C-67	67	100	3600
CT3338C-70	70	100	3700
CT3338C-75	75	100	3900

Impact Hex Bit Socket 1"



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3339A-19	19	75	830
CT3339A-22	22	75	890
CT3339A-24	24	75	920
CT3339A-27	27	75	980
CT3339A-30	30	75	1050
CT3339A-32	32	75	1130
CT3339A-36	36	75	1250

Impact Socket(2-1/2")



40 CR DIN 3129

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3338D-46	46	115	5900
CT3338D-50	50	115	6120
CT3338D-55	55	115	6120
CT3338D-60	60	120	6420
CT3338D-65	65	120	6420
CT3338D-70	70	125	6830
CT3338D-75	75	125	7090
CT3338D-80	80	125	6990
CT3338D-85	85	135	8160
CT3338D-90	90	135	7510
CT3338D-95	95	140	9480
CT3338D-100	100	145	10500
CT3338D-105	105	145	10760
CT3338D-110	110	155	12180
CT3338D-115	115	160	12900
CT3338D-120	120	160	13460
CT3338D-125	125	170	14500
CT3338D-130	130	170	15400
CT3338D-135	135	175	16870
CT3338D-140	140	180	18360
CT3338D-145	145	185	20190
CT3338D-150	150	190	21900
CT3338D-155	155	195	24480
CT3338D-160	160	200	27500
CT3338D-165	165	205	29500
CT3338D-170	170	210	31600
CT3338D-175	175	210	33900
CT3338D-180	180	220	35700

Impact Driver Extension



40 CR

ITEM CODE	SIZE		N.W. (g)
	C(inch)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3339-1002	3/4	200	900
CT3339-1004	1	200	1400
CT3339-1006	1	400	3000
CT3339-1008	1-1/2	250	5200
CT3339-1010	1-1/2	500	9200

Impact Hex Bit Socket 3/4"



40 CR

ITEM CODE	SIZE		N.W. (g)
	Size(mm)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3339B-14	14	65	450
CT3339B-17	17	65	510
CT3339B-19	19	65	550
CT3339B-22	22	65	610
CT3339B-24	24	65	650
CT3339B-27	27	65	720

Impact Universal Joint



ITEM CODE	SIZE		N.W. (g)
	C(inch)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3340-1002	3/4	110	600
CT3340-1004	1	125	1300
CT3340-1006	1-1/2	235	5000
CT3340-1008	2-1/2	333	18000

Adaptor



40 CR

ITEM CODE	SIZE			N.W. (g)
	F □ (inch)	M □ (inch)	L(mm)	
SPECIAL STEEL				SPECIAL STEEL
CT3341-1002	3/4	1/2	55	275
CT3341-1004	1/2	3/4	50	160
CT3341-1006	1	3/4	70	810
CT3341-1008	3/4	1	60	340
CT3341-1010	1-1/2	1	85	1585
CT3341-1012	1	1-1/2	85	1165

Impact Adaptor



40 CR

ITEM CODE	SIZE			N.W. (g)
	F □ (inch)	M □ (inch)	L(mm)	
SPECIAL STEEL				SPECIAL STEEL
CT3341A-1002	3/4	1	65	450
CT3341A-1004	1	3/4	70	700
CT3341A-1006	1	1-1/2	115	1500
CT3341A-1008	1-1/2	1	110	3000
CT3341A-1010	1-1/2	2-1/2	140	5700
CT3341A-1012	2-1/2	1-1/2	140	7300

Universal Joint



40 CR

ITEM CODE	SIZE		N.W. (g)
	C(inch)	L(mm)	
SPECIAL STEEL			SPECIAL STEEL
CT3343-1002	1	110	1500
CT3343-1004	1-1/2	200	4200

High quality makes good products

WEDO

industrial-grade tools

High quality raw material
Complete range / Sufficient Stock / Fast Delivery

WEDO TOOLS DEVELOPS SIX SERIES OF PRODUCTS, INCLUDING NON-SPARKING TOOLS, STAINLESS STEEL TOOLS, TITANIUM TOOLS, INSULATED TOOLS, SPECIAL JUMBO TOOLS AND ORDINARY STEEL TOOLS.

S2 industrial steel



Cr-V / Cr-Mo



High Carbon steel



33pcs.1/4"Dr.Socket Wrench Set



33 pcs 1/4" CR-V

•Weight: 1.08kg

ITEM CODE	SPECIFICATION	
STEEL TOOLS	DESCRIPTION	SIZE
WD157A-33	12pcs 6pt.Metric Sockets	4,4.5,5.5,5.6,7,8,9,10,11,12,13mm
	3pcs Hex Keys	1.5,2,2.5mm
	12pcs Bit Sockets	Slotted 3,4,5,6,7mm Philips PH1,PH2 Hex 3,4,5,6,8mm
	Quick Release Ratchet Handle	
	Sliding T-bar	
	Universal Joint	
	Extension Bars	2",4"
	Spinner Handle	

22pcs.3/8"Dr.Socket Wrench Set



22 pcs 3/8" CR-V

•Weight: 2.2kg

ITEM CODE	SPECIFICATION	
STEEL TOOLS	DESCRIPTION	SIZE
WD157B-22	15pcs 6pt.Metric Sockets	6,7,8,9,10,11,12,13,14,15,16,17,18,19,22mm
	2pcs Spark Plug Sockets	16,21mm
	Quick Release Ratchet Handle	
	Sliding T-bar	
	Universal Joint	
	Extension Bars	3",6"

26pcs. 1/2"Dr.Socket Wrench Set



26 pcs 1/2" CR-V

•Weight: 5.38kg

ITEM CODE	SPECIFICATION	
STEEL TOOLS	DESCRIPTION	SIZE
WD157D-26	18pcs 6t.Metric Sockets	10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32mm
	2pcs Spark Plug Sockets	16,21mm
	Quick Release RatchetHandle	
	Sliding T-bar	
	Universal Joint	
	Extension Bars	3",5",10"

94pcs.1/4" & 1/2"Dr.Socket Wrench Set



91 pcs CR-V

•Weight: 6.75kg

ITEM CODE	SPECIFICATION	
STEEL TOOLS	DESCRIPTION	SIZE
WD157M-94	13pcs 1/4"Dr.6pt. Metric Sockets	4,4.5,5.5,5.6,7,8,9,10,11,12,13,14mm
	8pcs 1/4Dr.6pt.Metric Deep Sockets	6,7,8,9,10,11,12,13mm
	18pcs 1/2"Dr.6pt. Metric Sockets	10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32mm
	4pcs 1/2"Dr.6pt.Deep Sockets	14,15,17,19mm
	2pcs 1/2Dr.Spark Plug Sockets	16,21mm
	17pcs1/4"Dr.Bit Sockets	Philips PH1,PH2 Slotted 4.5,5,7mm Pozidriv PZ1,PZ2 Hex 3,4,5,6,mm Torx T8,T10,11S,T20, T25,T30
	15pcs 8mm Shank 30L Bits	Philips PH3,PH4 Slotted 8,10,12mm Pozidriv PZ3,PZ4 Torx T40,T45,T50,T55 Hex 8,10,12,14mm
	3pcs Hex Keys	1.5,2,2.5
	Quick Release Ratchet Handle	1/4",1/2
	1/4""Dr.slidingl-bar	
	1/4,ji2Dr.UniversalJoint	
	2pcs1/4"Extension'Bars	2",4"
	1/2"Extension Bars	5",10"
	M3-Way Adapter	10mm F*12.5mm M
	1/4"Dr.Flexible Extension Bar	6"
	1/4"Dr.SpinnerHandle	
	1/2"Dr.Bit Adapter	
	Adptor1/4"Hex*1/4"s	

15pcs.20mmDr.Socket Wrench Set



15 pcs CR-V

•Weight: 13.4kg

ITEM CODE	SPECIFICATION	
STEEL TOOLS	DESCRIPTION	SIZE
WD157U-15	10pcs.6pt.Metric Socket	30,32,33,36,38,41,46,50,55,60mm
	Sliding T-Bar	450mm
	Extension Bars	100mm,200mm
	Ratchet Handle	475mm
	Universal Joint	

21pcs.20mmDr.Socket Wrench Set



21 pcs CR-V

•Weight: 15.1kg

ITEM CODE	SPECIFICATION	
STEEL TOOLS	DESCRIPTION	SIZE
WD157W-21	15pcs 6pt.Metric Sockets	21,22,23,24,26,27,30,32,33,35,36,38,41,46,50mm
	Sliding T-bar& 3-Way Adapter	450mm
	Extension Bars	200mm,400mm
	Ratchet Handle	475mm
	Flex Handle-Industrial Grade	475mm

26pcs 20mm+ 25mm Dr. Socket Wrench Set



26 pcs CR-V

•Weight: 17.2kg

ITEM CODE	SPECIFICATION	
STEEL TOOLS	DESCRIPTION	SIZE
WD157X-26	17pcs 20mmDr.Sockets	21,22,23,24,26,27,28,29,30,31,32,34,36,38,41,46,50mm
	3pcs 25mmDr.Sockets	55,60,65mm
	Quick Release Ratchet Handle	
	Extension Bars	200mm
	Universal Joint	
	Sliding T-bar	
	3-Way Adapter	20mm F * 25mm
	Adding Force	



1/4" Dr.6pt Socket

1/4" CR-V



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	d	D	STEEL TOOLS
WD101-04	4	24.7	6.7	11.7	10
WD101-4.5	4.5	24.7	7.5	11.7	10
WD101-05	5	24.7	8	11.7	10
WD101-5.5	5.5	24.7	8.6	11.7	10
WD101-06	6	24.7	9.4	11.7	10
WD101-07	7	24.7	10.8	11.7	10
WD101-08	8	24.7	10.8	11.7	10
WD101-09	9	24.7	12.2	13.6	10
WD101-10	10	24.7	12.7	13.6	20
WD101-11	11	24.7	13.5	15.7	20
WD101-12	12	24.7	14.6	16.6	30
WD101-13	13	24.7	16	17.7	30
WD101-14	14	24.7	18	19.7	30

3/8"Dr.6pt Socket

3/8" CR-V



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	d	D	STEEL TOOLS
WD102-06	6	28	9.4	16.9	20
WD102-07	7	28	10.8	16.9	20
WD102-08	8	28	12	16.9	20
WD102-09	9	28	13.4	16.9	20
WD102-10	10	28	14.5	16.9	30
WD102-11	11	28	15.8	16.9	30
WD102-12	12	28	16.3	16.9	30
WD102-13	13	28	17.7	17	30
WD102-14	14	28	19.7	18	30
WD102-15	15	28	21.9	19	40
WD102-16	16	28	21.9	19	40
WD102-17	17	30	23.7	21	50
WD102-18	18	30	25.9	22	60
WD102-19	19	30	25.9	22	60
WD102-20	20	32	27.7	26	80
WD102-21	21	32	27.7	26	80
WD102-22	22	32	29.7	26	80
WD102-24	24	32	31.9	28	100

1/2"Dr.6pt Socket

1/2" CR-V



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	d	D	STEEL TOOLS
WD103-08	8	38	13.8	21.9	50
WD103-09	9	38	14.5	21.9	50
WD103-10	10	38	15.3	21.9	50
WD103-11	11	38	16.5	21.9	50
WD103-12	12	38	17.8	21.9	50
WD103-13	13	38	19	21.9	50
WD103-14	14	38	20.3	21.9	60
WD103-15	15	38	21.9	20.5	60
WD103-16	16	38	21.9	20.5	60
WD103-17	17	38	23.7	22	70
WD103-18	18	38	25.9	23	80
WD103-19	19	38	25.9	23	60
WD103-20	20	38	27.7	24.5	80
WD103-21	21	38	27.7	24.5	80
WD103-22	22	38	29.6	26	90
WD103-23	23	38	31.7	26	110
WD103-24	24	38	31.7	26	110
WD103-25	25	41	33.7	28	130
WD103-26	26	41	35.6	28	120
WD103-27	27	43	35.6	30	160
WD103-28	28	44	37.9	32	180
WD103-29	29	44	37.9	32	170
WD103-30	30	44	39.9	32	190
WD103-32	32	44	41.9	34	200

1/4"Dr.6pt deep Socket

1/4" CR-V



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	d	D	STEEL TOOLS
WD105-04	4	50	6.7	11.7	20
WD105-4.5	4.5	50	7.5	11.7	20
WD105-05	5	50	8.2	11.7	20
WD105-5.5	5.5	50	9.3	11.7	20
WD105-06	6	50	10.4	11.7	25
WD105-07	7	50	11.7	11.7	27
WD105-08	8	50	11.7	11.7	20
WD105-09	9	50	13.9	13.9	40
WD105-10	10	50	13.9	13.9	30
WD105-11	11	50	15.9	15.9	50
WD105-12	12	50	16.9	16.9	50
WD105-13	13	50	17.9	17.9	60
WD105-14	14	50	19.9	19.9	70

3/8" Dr.6pt deep Socket

3/8" CR-V



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	d	D	STEEL TOOLS
WD106-06	6	63.4	9.4	16.6	80
WD106-07	7	63.4	10.8	16.6	80
WD106-08	8	63.4	12	16.6	70
WD106-09	9	63.4	13.4	16.6	70
WD106-10	10	63.4	14.5	16.6	60
WD106-11	11	63.4	15.8	16.6	60
WD106-12	12	63.4	17.9	17.9	70
WD106-13	13	63.4	18.6	18.6	60
WD106-14	14	63.4	19.9	19.9	90
WD106-15	15	63.4	21.6	21.6	100
WD106-16	16	63.4	21.6	21.6	110
WD106-17	17	63.4	23.9	23.9	130
WD106-18	18	63.4	25.7	25.7	140
WD106-19	19	63.4	25.7	25.7	150
WD106-20	20	63.4	28	28	160
WD106-21	21	63.4	28	28	170
WD106-22	22	63.4	29.9	29.9	210
WD106-23	23	63.4	31.7	31.7	210
WD106-24	24	63.4	31.7	31.7	220

Flex Handle-Industrial Grade



1/4" 3/8" 1/2" CR-V

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC (Box)	STEEL TOOLS
WD110-02	6.3×150	150	96	8
WD110-04	10×200	215	64	10.5
WD110-06	12.5×250	271.5	36	19.5
WD110-08	12.5×375	386.5	34	20.0

Universal Joint-Industrial Grade



1/4" 3/8" 1/2" CR-V

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC (Box)	STEEL TOOLS
WD111-02	6.3	39.5	640	18.8
WD111-04	10	55	320	21.0
WD111-06	12.5	75	120	19.0

1/2" Dr.6pt deep Socket



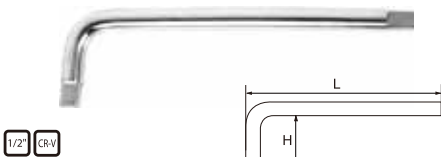
ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	d	D	STEEL TOOLS
WD107-08	8	76.4	14.2	21.6	110
WD107-09	9	76.4	15.3	21.6	110
WD107-10	10	76.4	16.5	21.6	110
WD107-11	11	76.4	18	21.6	160
WD107-12	12	76.4	18.5	21.6	120
WD107-13	13	76.4	19.8	21.6	140
WD107-14	14	76.4	21.6	21.6	130
WD107-15	15	76.4	21.6	21.6	120
WD107-16	16	76.4	21.6	21.6	110
WD107-17	17	76.4	23.9	23.9	140
WD107-18	18	76.4	25.7	25.7	180
WD107-19	19	76.4	25.7	25.7	160
WD107-20	20	76.4	28	28	200
WD107-21	21	76.4	28	28	180
WD107-22	22	76.4	29.9	29.9	220
WD107-23	23	76.4	31.9	31.9	280
WD107-24	24	76.4	31.9	31.9	250
WD107-25	25	76.4	34.2	34.2	320
WD107-26	26	76.4	35.9	35.9	320
WD107-27	27	76.4	35.9	35.9	330
WD107-28	28	76.4	37.9	37.9	400
WD107-29	29	76.4	37.9	37.9	340
WD107-30	30	76.4	39.9	39.9	420
WD107-32	32	76.4	41.9	41.9	440

Extension Bar-Industrial Grade



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD114-02	6.3	50	30
WD114-04	6.3	75	30
WD114-06	6.3	100	50
WD114-08	6.3	150	70
WD114-10	10	75	70
WD114-12	10	150	140
WD114-14	12.5	125	190
WD114-16	12.5	250	390

L-Handle-industrial Grade



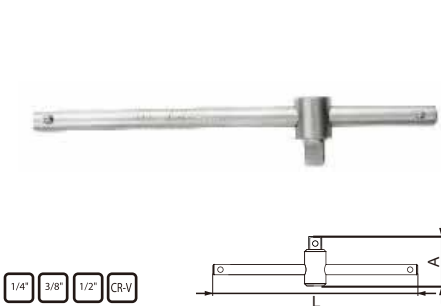
ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	H(mm)	STEEL TOOLS
WD116-02	12.5*250	248	60	420

Bit Adapter



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	C*S(mm)	L(mm)	D(mm)	STEEL TOOLS
WD117-02	6.3*10	23.5	13.5	20
WD117-04	10*6.3	25	17	30
WD117-06	10*12.5	35	22	40
WD117-08	12.5*10	35	18	50

Sliding T-bar



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	A(mm)	STEEL TOOLS
WD118-02	6.3	114	23.5	40
WD118-04	10	165	34	140
WD118-06	12.5	250	42	340

Spinner Handle



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD120-02	6.3	150	80

1/4"Dr.Flexible Extension Bar



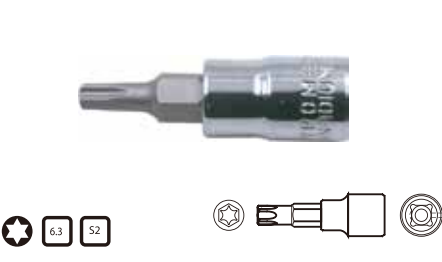
ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD121-02	6.3	150	60

Speed Bar



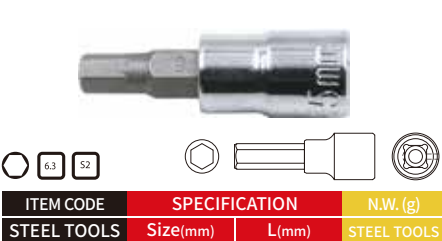
ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)		STEEL TOOLS
WD125-02	12.5		500

1/4"Dr.Bit Socket Torx



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD126-08	T8	38	10
WD126-10	T10	38	10
WD126-15	T15	38	10
WD126-20	T20	38	20
WD126-25	T25	38	10
WD126-27	T27	38	20
WD126-30	T30	38	20
WD126-40	T40	38	20

1/4"Dr.Bit Socket Hexagon



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD127-03	H3	38	10
WD127-04	H4	38	20
WD127-05	H5	38	20
WD127-06	H6	38	20
WD127-07	H7	38	20
WD127-08	H8	38	20

1/4" Dr.Bit Socket Slotted



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD128-04	SL4.0	38	10
WD128-5.5	SL5.5	38	20
WD128-6.5	SL6.5	38	20

1/4"Dr.Bit Socket Phillips



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD129-01	PH1	38	10
WD129-02	PH2	38	20
WD129-03	PH3	38	20

1/4"Dr.Bit Socket Pozidriv



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD130-01	PZ1	38	10
WD130-02	PZ2	38	20
WD130-03	PZ3	38	20

3/8"Dr.Bit Socket Torx



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD131-10	T10	50	40
WD131-15	T15	50	40
WD131-20	T20	50	40
WD131-25	T25	50	40
WD131-30	T30	50	40
WD131-40	T40	50	40
WD131-45	T45	50	40
WD131-50	T50	50	40

3/8"Dr.Bit Socket Hexagon



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD132-03	H3	50	40
WD132-04	H4	50	40
WD132-05	H5	50	40
WD132-06	H6	50	40
WD132-07	H7	50	40
WD132-08	H8	50	40

3/8"Dr.Bit Socket Slotted



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD133-04	SL4.0	50	30
WD133-5.5	SL5.5	50	40
WD133-6.5	SL6.5	50	40
WD133-08	SL8.0	50	40

3/8"Dr.Bit Socket Phillips



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD134-01	PH1	50	40
WD134-02	PH2	50	40
WD134-03	PH3	50	40
WD134-04	PH4	50	40

3/8"Dr.Bit Socket Pozidriv



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD135-01	PZ1	50	40
WD135-02	PZ2	50	40
WD135-03	PZ3	50	40

3/8"Dr.Bit Socket Tamper Proof Torx



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD136-45	T45	50	40
WD136-50	T50	50	40
WD136-55	T55	50	40
WD136-60	T60	50	40

1/2"Dr.Bit Socket Torx



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD137-20	T20	55	60
WD137-25	T25	55	70
WD137-27	T27	55	70
WD137-30	T30	55	70
WD137-40	T40	55	60
WD137-45	T45	55	60
WD137-50	T50	55	70
WD137-55	T55	55	70
WD137-60	T60	55	70

1/2"Dr.Bit Socket Hexagon



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD138-04	H4	55	70
WD138-05	H5	55	70
WD138-06	H6	55	70
WD138-07	H7	55	60
WD138-08	H8	55	70
WD138-10	H10	55	70
WD138-12	H12	55	80
WD138-14	H14	55	90
WD138-17	H17	55	160

1/2"Dr.Bit Socket Slotted



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD139-08	SL8.0	55	60
WD139-10	SL10	55	70
WD139-12	SL12	55	70

1/2"Dr.Spline Bit Socket



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD140-05	M5	55	70
WD140-06	M6	55	70
WD140-08	M8	55	70
WD140-10	M10	55	80
WD140-12	M12	55	80
WD140-14	M14	55	80
WD140-16	M16	55	150

1/2" Dr.Bit Socket deep Torx



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L(mm)	STEEL TOOLS
WD142-20	T20	100	80
WD142-25	T25	100	90
WD142-27	T27	100	80
WD142-30	T30	100	80
WD142-40	T40	100	90
WD142-45	T45	100	80
WD142-50	T50	100	80
WD142-55	T55	100	100
WD142-60	T60	100	120

1/2"Dr.Bit Socket deep Hexagon



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD143-04	H4	100	80
WD143-05	H5	100	90
WD143-06	H6	100	90
WD143-07	H7	100	90
WD143-08	H8	100	90
WD143-10	H10	100	110
WD143-12	H12	100	120
WD143-14	H14	100	150
WD143-17	H17	100	220

L Wrench



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	L ₁ (mm)	STEEL TOOLS
WD152-06	6	102	25.5	40
WD152-07	7	106	26.5	40
WD152-08	8	114	30.25	59
WD152-09	9	122	31.75	75
WD152-10	10	129	36.5	92
WD152-11	11	136	40.25	114
WD152-12	12	144	43	146
WD152-13	13	152	45.75	175
WD152-14	14	160	48.5	210
WD152-15	15	169	51.75	228
WD152-16	16	178	56	283
WD152-17	17	187	58.75	327
WD152-18	18	195	60.25	330
WD152-19	19	204	63.25	447
WD152-20	20	212	65.75	450
WD152-21	21	221	69.75	512
WD152-22	22	230	72	546
WD152-23	23	240	75.75	696
WD152-24	24	250	79.75	695
WD152-25	25	260	83.5	868
WD152-26	26	270	86.5	926
WD152-27	27	280	87	980
WD152-28	28	290	89.75	1152
WD152-29	29	300	92.5	1150
WD152-30	30	310	96	1300
WD152-31	31	320	102.75	1400
WD152-32	32	330	103.25	1400
WD152-33	33	340	113	1550
WD152-34	34	350	114.5	1702
WD152-35	35	360	116.25	1724
WD152-36	36	370	117.75	1900

Ratchet wrench



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WD148-02	6.3	155	100	18
WD148-04	10	210	60	19
WD148-06	12.5	255	40	21

Heavy Duty Ratchet wrench



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WD149-02	20	510	6	17

Quick Tyre Socket Wrench Set (with case)



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WEDO665-02	17*19*21*23	400	12	24.8

Cross Tyre Socket Wrench



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WEDO666-02	17*19*21*1/2"	400	16	22
WEDO666-04	17*19*21*23	450	16	25.5
WEDO666-06	17*19*21*23	500	12	21.5
WEDO666-08	17*19*21*1/2"	500	12	21.5

Long Wrench, Double Open End



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WEDO151-0607	6*7	128	30
WEDO151-0810	8*10	150	40
WEDO151-0911	9*11	150	60
WEDO151-1012	10*12	163	60
WEDO151-1113	11*13	175	80
WEDO151-1214	12*14	187	80
WEDO151-1315	13*15	190	100
WEDO151-1316	13*16	190	120
WEDO151-1417	14*17	201	130
WEDO151-1618	16*18	214	190
WEDO151-1719	17*19	228	250
WEDO151-1821	18*21	245	260
WEDO151-1922	19*22	254	320
WEDO151-2224	22*24	285	420
WEDO151-2427	24*27	300	500
WEDO151-2730	27*30	300	640
WEDO151-3032	30*32	333	700

Long Wrench, Double Box Offset



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WEDO152-5.507	5.5*7	170	50
WEDO152-0607	6*7	170	50
WEDO152-0810	8*10	185	70
WEDO152-0911	9*11	195	90
WEDO152-1012	10*12	200	100
WEDO152-1113	11*13	220	120
WEDO152-1214	12*14	225	130
WEDO152-1315	13*15	240	150
WEDO152-1316	13*16	240	160
WEDO152-1417	14*17	245	170
WEDO152-1618	16*18	260	170
WEDO152-1719	17*19	270	210
WEDO152-1821	18*21	295	220
WEDO152-1922	19*22	295	230
WEDO152-2224	22*24	335	370
WEDO152-2427	24*27	375	540
WEDO152-2730	27*30	415	590
WEDO152-3032	30*32	420	650

Long Wrench, Combination



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WEDO153-06	6	125	30
WEDO153-07	7	132	40
WEDO153-08	8	139	45
WEDO153-09	9	147	55
WEDO153-10	10	158	65
WEDO153-11	11	163	70
WEDO153-12	12	169	80
WEDO153-13	13	175	90
WEDO153-14	14	189	100
WEDO153-15	15	197	110
WEDO153-16	16	206	130
WEDO153-17	17	224	170
WEDO153-18	18	234	180
WEDO153-19	19	243	180
WEDO153-20	20	263	180
WEDO153-21	21	268	220
WEDO153-22	22	290	280
WEDO153-23	23	300	300
WEDO153-24	24	312	420
WEDO153-25	25	331	430
WEDO153-26	26	355	440
WEDO153-27	27	355	480
WEDO153-28	28	410	490
WEDO153-30	30	410	560
WEDO153-32	32	421	680

Wrench,Double Open End DIN3110



ITEM CODE	SPECIFICATION					N.W. (g)
STEEL TOOLS	Size	L	W ₁	W ₂	STEEL TOOLS	
WD001-5.507	5.5x7	120	17.5	15.4	24	
WD001-0607	6x7	120	17.5	15.4	24	
WD001-0809	8x9	140	22	19.5	38	
WD001-0810	8x10	140	22	19.5	38	
WD001-0911	9x11	155	26	23.5	54	
WD001-1011	10x11	155	26	23.5	54	
WD001-1012	10x12	170	26	23.5	54	
WD001-1113	11x13	170	30	27.6	75	
WD001-1213	12x13	170	30	27.6	75	
WD001-1214	12x14	170	30	27.6	75	
WD001-1315	13x15	185	34	32	99	
WD001-1316	13x16	185	34	32	99	
WD001-1415	14x15	185	34	32	99	
WD001-1417	14x17	190	37.5	32	111	
WD001-1617	16x17	200	38	35.3	128	
WD001-1618	16x18	200	38	35.3	128	
WD001-1719	17x19	220	42.2	39.5	169	
WD001-1819	18x19	220	42.2	39.5	169	
WD001-1921	19x21	235	48	43.5	206	
WD001-1922	19x22	235	48	43.5	206	
WD001-2022	20x22	235	48	43.5	206	
WD001-2123	21x23	245	50	45.8	253	
WD001-2224	22x24	250	52.5	47.8	272	
WD001-2326	23x26	260	57.5	52.5	330	
WD001-2427	24x27	260	57.5	52.5	330	
WD001-2528	25x28	270	59.5	54	365	
WD001-2730	27x30	280	64	57.5	435	
WD001-3032	30x32	295	67.7	64	480	

Double Open End Wrench Set



ITEM CODE	SPECIFICATION	
STEEL TOOLS	S ₁ X S ₂ (mm)	
WD001B9	6×7,8×10,10×12,12×14,14×17,16×18,17×19,19×22,21×23	

ITEM CODE	SPECIFICATION	
STEEL TOOLS	S ₁ X S ₂ (mm)	
WD001B12	6×7,8×9,10×11,12×13,14×15,16×17,18×19,20×22,21×23,24×27,25×28,30×32	

ITEM CODE	SPECIFICATION	
STEEL TOOLS	S ₁ X S ₂ (mm)	
WD001B13	6×7,8×10,10×12,11×13,12×14,14×17,16×18,17×19,19×22,21×23,22×24,24×27,30×32	



Wrench, Double Box Offset DIN838

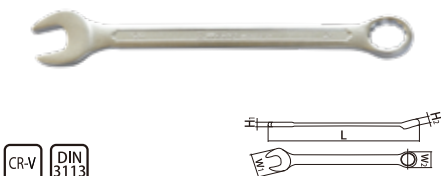
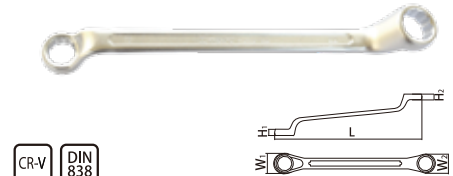
Combination wrench DIN3113

Double Open End Wrench Set

Wrench, Double Open End

Wrench, Double Box Offset

Wrench, Combination



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	W ₁	W ₂	STEEL TOOLS
WD002-5.507	5.5x7	165	12.4	10.9	44
WD002-0607	6x7	165	12.4	10.9	44
WD002-0809	8x9	180	15.4	13.9	56
WD002-0810	8x10	180	15.4	13.9	56
WD002-0911	9x11	195	18	16.6	73.5
WD002-1011	10x11	195	18	16.6	73.5
WD002-1012	10x12	195	18	16.6	73.5
WD002-1113	11x13	215	21	19.6	103
WD002-1213	12x13	215	21	19.6	103
WD002-1214	12x14	215	21	19.6	103
WDO02-1315	13x15	235	23.6	22.2	137
WD002-1316	13x16	235	23.6	22.2	137
WD002-1415	14x15	235	23.6	22.2	137
WD002-1417	14x17	240	26.3	22.2	137
WD002-1617	16x17	250	26.3	25	178
WD002-1618	16x18	250	26.3	25	178
WD002-1719	17x19	265	29	27.6	220
WD002-1819	18x19	265	29	27.6	220
WD002-1921	19x21	285	33.2	30.4	290
WD002-1922	19x22	285	33.2	30.4	290
WD002-2022	20x22	285	33.2	30.4	290
WD002-2123	21x23	305	34.6	31.8	342
WD002-2224	22x24	315	36	33.2	342
WD002-2326	23x26	325	40.5	36	442
WD002-2427	24x27	325	40.5	36	442
WD002-2528	25x28	340	42	37.5	497
WD002-2730	27x30	355	44	40.5	510
WD002-3032	30x32	375	47	44	635

ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size	L	W ₁	W ₂	STEEL TOOLS
WD003-5.5	5.5	110	15.2	10.8	18
WD003-06	6	110	15.2	10.8	18
WD003-07	7	120	17.0	12.0	22
WD003-08	8	130	18.8	13.2	27
WD003-09	9	140	20.8	14.6	34
WD003-10	10	150	22.8	16.0	42
WD003-11	11	160	24.8	17.3	52
WD003-12	12	170	26.8	18.6	63
WD003-13	13	180	28.8	20.0	80
WD003-14	14	190	30.8	21.4	88
WD003-15	15	200	32.8	22.8	103
WD003-16	16	210	34.8	24.2	119
WD003-17	17	220	36.8	25.6	137
WD003-18	18	230	38.8	27.0	158
WD003-19	19	240	40.8	28.4	179
WD003-20	20	250	42.8	29.8	201
WD003-21	21	260	44.8	31.2	225
WD003-22	22	270	46.8	32.6	251
WD003-23	23	280	48.8	34.4	282
WD003-24	24	290	50.8	35.4	312
WD003-25	25	300	52.8	36.8	323
WD003-26	26	310	54.8	38.2	376
WD003-27	27	320	56.8	39.6	418
WD003-28	28	330	58.8	41.0	459
WD003-29	29	340	60.8	42.4	507
WD003-30	30	350	62.8	43.8	553
WD003-32	32	370	66.8	46.6	650

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD001C6	6*7,8*10,11*13,12*14,17*19,20*22

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD001C9	6*7,8*9,10*11,12*13,14*15,16*18,17*19,19*21,20*22

Double Box Offset Wrench Set (DIN838)



ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD002C6	6×7,8×10,11×13,12×14,16×17,18×19

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD002C9	6×7,8×9,9×11,10×12,11×13,13×15,14×17,16×18,18×19

Double Box Offset Wrench Set

Combination Wrench Set

Combination Wrench Set(DIN3113)



ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD002B9	6×7,8×10,10×12,12×14,14×17,16×18,17×19,19×22,21×23

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD003B9	8,10,11,12,13,14,15,17,19

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD003C6	8,10,12,13,14,15

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD002B12	6×7,8×9,10×11,12×13,14×15,16×17,18×19,20×22,21×23,24×27,25×28,30×32

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD003B11	8,9,10,12,13,14,15,16,17,19,22

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD003C9	8,10,11,12,13,14,15,17,19

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD002B13	6×7,8×10,10×12,11×13,12×14,14×17,16×18,17×19,19×22,21×23,22×24,24×27,30×32

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD003B13	6,8,10,12,14,16,17,19,22,24,27,30,32

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD003C11	8,9,10,11,12,13,14,15,17,19,22

Double Open End Wrench Set

Double Box Offset Wrench Set

Combination Wrench Set



ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD201B9	6×7,8×10,10×12,12×14,14×17,16×18,17×19,19×22,21×23

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD202B9	6×7,8×10,10×12,12×14,14×17,16×18,17×19,19×22,21×23

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD203B9	8,10,11,12,13,14,15,17,19

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD201B12	6×7,8×9,10×11,12×13,14×15,16×17,18×19,20×22,21×23,24×27,25×28,30×32

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD202B12	6×7,8×9,10×11,12×13,14×15,16×17,18×19,20×22,21×23,24×27,25×28,30×32

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD203B11	8,9,10,12,13,14,15,16,17,19,22

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD201B13	6×7,8×10,10×12,11×13,12×14,14×17,16×18,17×19,19×22,21×23,22×24,24×27,30×32

ITEM CODE	SPECIFICATION
STEEL TOOLS	S ₁ × S ₂ (mm)
WD202B13	6×7,8×10,10×12,11×13,12×14,14×17,16×18,17×19,19×22,21×23,22×24,24×27,30×32

ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD203B13	6,8,10,12,14,16,17,19,22,24,27,30,32

Combination Wrench Set SAE



ITEM CODE	SPECIFICATION
STEEL TOOLS	S(mm)
WD003D11	1/4" ,5/16" ,3/8" ,7/16" ,1/2" ,9/16" ,5/8" ,11/16" ,3/4" ,13/16" ,7/8"

Wrench, Combination SAE



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size (inch)	L (mm)	Pc/Box	STEEL TOOLS
WD203A-02	1/4	102	800	18.6
WD203A-06	5/16	114	700	21.4
WD203A-10	3/8	129.5	500	21.7
WD203A-12	7/16	142.5	400	21.6
WD203A-14	1/2	154	300	18.4
WD203A-16	9/16	170	250	19.4
WD203A-18	5/8	186	200	20.5
WD203A-20	11/16	206	150	24.4
WD203A-22	3/4	222	120	22.0
WD203A-24	13/16	263	90	25.9
WD203A-26	7/8	276.5	70	19.0
WD203A-28	15/16	285	60	18.3
WD203A-30	1	321	55	19.3
WD203A-32	1-1/16	358	50	26.2
WD203A-34	1-1/8	379	45	29.5
WD203A-36	1-1/4	413	35	26.8



Ratchet Combination Wrench



72T 5° CR-V

ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	STEEL TOOLS
WD207-06	6	110	25
WD207-07	7	140	42
WD207-08	8	140	42
WD207-09	9	148	50
WD207-10	10	158	60
WD207-11	11	165	67
WD207-12	12	172	89
WD207-13	13	180	98
WD207-14	14	190	128
WD207-15	15	197	130
WD207-16	16	206	160
WD207-17	17	214	180
WD207-18	18	220	195
WD207-19	19	230	212
WD207-20	20	238	240
WD207-21	21	238	240
WD207-22	22	253	300
WD207-23	23	254	300
WD207-24	24	278	395
WD207-25	25	278	395
WD207-27	27	310	485
WD207-30	30	350	750
WD207-32	32	390	1095

Reversible Ratchet Combination Wrench



72T 5° CR-V

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WD208-08	8	140	420	42
WD208-09	9	148	420	50
WD208-10	10	158	300	60
WD208-11	11	165	200	67
WD208-12	12	172	150	89
WD208-13	13	180	150	98
WD208-14	14	190	150	128
WD208-15	15	197	150	130
WD208-16	16	206	100	160
WD208-17	17	214	100	180
WD208-18	18	220	80	195
WD208-19	19	230	80	212
WD208-20	20	238	80	240
WD208-21	21	238	60	240
WD208-22	22	253	60	300
WD208-23	23	254	50	300
WD208-24	24	278	50	395

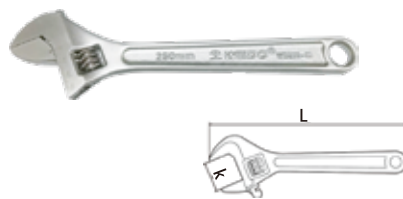
Flexible Ratchet Combination Wrench



72T 5° CR-V

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WD209-06	6	110	480	25
WD209-07	7	140	480	45
WD209-08	8	140	300	45
WD209-09	9	144	300	57
WD209-10	10	162	250	67
WD209-11	11	169	180	82
WD209-12	12	179	150	110
WD209-13	13	181	150	118
WD209-14	14	196	100	135
WD209-15	15	202	100	143
WD209-16	16	215	80	200
WD209-17	17	237	80	210
WD209-18	18	244	60	262
WD209-19	19	251	60	273
WD209-20	20	252	60	278
WD209-21	21	252	60	278
WD209-22	22	255	60	300
WD209-23	23	255	50	300
WD209-24	24	275	50	405
WD209-25	25	275	50	405
WD209-27	27	310	40	566
WD209-30	30	350	30	790
WD209-32	32	390	20	1010

Wrench Adjustable



CR-V

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WD233-04	100	108	240	13.2/12.2
WD233-06	150	158	120	16.6/15.6
WD233-08	200	208	96	25.5/24.5
WD233-10	250	258	60	25.8/24.8
WD233-12	300	308	36	27.5/26.5
WD233-15	375	385	16	20.5/19.5
WD233-18	450	462	4	8/7
WD233-24	600	612	4	12.7/11.7

Wrench Adjustable



Carbon Steel

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
HG233-06	150	158	120	16.6/15.6
HG233-08	200	208	96	25.5/24.5
HG233-10	250	258	60	25.8/24.8
HG233-12	300	308	36	27.5/26.5
HG233-15	375	385	16	20.5/19.5
HG233-18	450	462	4	8/7
HG233-24	600	612	4	12.7/11.7

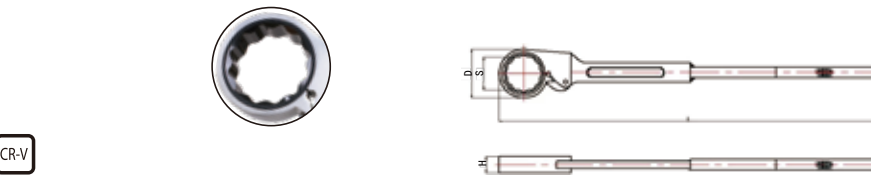
Wrench Adjustable



CR-V

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	STEEL TOOLS
WD236-06	150	153	19.3	130
WD236-08	200	204	24	340
WD236-10	250	254	29	517
WD236-12	300	305	34	1104
WD236-15	375	381	45	1219

One Side Ratchet Socket Wrench



CR-V

ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	D(mm)	H(mm)	STEEL TOOLS
WD222-46	46	650	78	25	2300
WD222-50	50	650	78	25	2300
WD222-55	55	780	92	30	3400
WD222-60	60	780	92	30	3400
WD222-65	65	850	105	35	5000
WD222-70	70	850	105	35	5000
WD222-75	75	935	119	40	7000
WD222-80	80	935	119	40	7000

Wrench Adjustable



CR-V

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size	L	Opening Capacity	STEEL TOOLS
WD237-30	750	750	85	583

Wrench Adjustable



CR-V

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size	L	Opening Capacity	STEEL TOOLS
WD239-06	150	160	24	155
WD239-08	200	210	30	270
WD239-10	250	260	35	440
WD239-12	300	310	41	720

Universal Wrench



CR-V

ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(inch)	Kmax(mm)	STEEL TOOLS
WEDO1571-6	6"	7-15	85
WEDO1571-8	8"	9-25	214
WEDO1571-10	10"	15-35	286
WEDO1571-12	12"	19-43	549

Auto Wrench

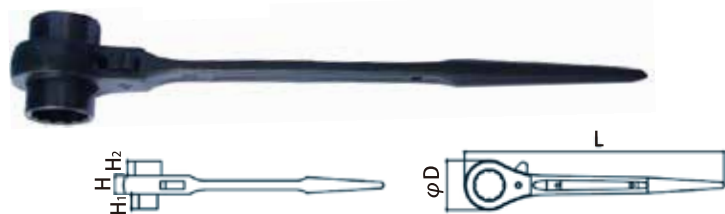


Carbon Steel

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	K(mm)	STEEL TOOLS
WD240-02	230	230	62	460
WD240-04	280	280	76	650



One Head Ratchet Socket Wrench



40 CR

ITEM CODE	SPECIFICATION								N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	Carton Size(cm)	ΦD(mm)	H1(mm)	H2(mm)	H(mm)	STEEL TOOLS
WD223-1214	12*14	235	100	47×27×20	28.5	11	11	14	100
WD223-1417	14*17	270	50	30×27×22	35	145	145	16	150
WD223-1719	17*19	312	40	35×30×21	40	16	16	18	225
WD223-1721	17*21	312	40	35×30×21	40	16	16	18	225
WD223-1921	19*21	312	40	35×30×21	40	16	16	18	225
WD223-1922	19*22	312	40	35×30×21	40	16	16	18	225
WD223-1924	19*24	355	30	39×34×18	50	18	18	20	333
WD223-2224	22*24	355	30	39×34×18	50	18	18	20	333
WD223-2126	21*26	355	30	39×34×18	50	18	18	20	333
WD223-2427	24*27	355	24	42×29×21	60	19.2	19.2	21.5	333
WD223-2430	24*30	395	24	42×29×21	60	19.2	19.2	21.5	458
WD223-2730	27*30	395	24	42×29×21	60	19.2	19.2	21.5	458
WD223-3032	30*32	395	24	42×29×21	60	19.2	19.2	21.5	458
WD223-3236	32*36	435	16	46×31×15	68	20.5	20.5	24	688
WD223-3641	36*41	455	12	49×27×17	72.5	21.5	21.5	27	917
WD223-4146	41*46	500	8	53×22×18	84	22.5	22.5	30	1125
WD223-4650	46*50	500	8	53×22×18	84	22.5	22.5	30	1125
WD223-5055	50*55	530	6	55×30×11	90	24	24	32	1500
WD223-5560	55*60	565	4	59×13×20	102.5	25	25	35	2000

One Side Ratchet Socket Wrench



40 CR

ITEM CODE	SPECIFICATION								N.W. (g)
STEEL TOOLS	Size(mm)	L(mm)	PC(Box)	Carton Size(cm)	ΦD(mm)	H1(mm)	H2(mm)	H(mm)	STEEL TOOLS
WD224-10	10	235	100	47×27×20	28.5	11	14		95
WD224-12	12	235	100	47×27×20	28.5	11	14		95
WD224-14	14	235	100	47×27×20	28.5	11	14		95
WD224-17	17	270	50	30×27×22	35	14.5	16		140
WD224-19	19	312	40	35×30×21	40	16	18		213
WD224-22	22	312	40	35×30×21	40	16	18		213
WD224-24	24	355	30	38×34×18	50	18	20		317
WD224-27	27	355	30	38×34×18	50	18	20		317
WD224-30	30	395	24	42×29×21	60	19.2	21.5		438
WD224-35	35	435	16	46×31×15	68	20.5	24		656
WD224-36	36	435	16	46×31×15	68	20.5	24		656
WD224-41	41	455	12	49×27×17	72.5	21.5	27		875
WD224-46	46	500	8	53×22×18	84	22.5	30		1063
WD224-50	50	500	8	53×22×18	84	22.5	30		1063

Long Hex Key



○ & ○ CR-V

ITEM CODE	SPECIFICATION				PC(Box)
STEEL TOOLS	Size(mm)	L(mm)	H(mm)	STEEL TOOLS	
WD242-1.5	1.5	63.5	15.5		3000
WD242-02	2	77	18		3000
WD242-2.5	2.5	87.5	20.5		3000
WD242-03	3	93	23		3000
WD242-04	4	104	29		1400
WD242-05	5	120	33		800
WD242-5.5	5.5	132	33		600
WD242-06	6	141	38		480
WD242-07	7	147	41		300
WD242-08	8	158	44		300
WD242-09	9	169	47		160
WD242-10	10	180	50		160
WD242-12	12	202	57		96
WD242-14	14	229	70		80
WD242-17	17	262	80		48
WD242-19	19	284	89		36

Long Ball point Hex Key



○ & ○ CR-V

ITEM CODE	SPECIFICATION				PC(Box)
STEEL TOOLS	Size(mm)	L(mm)	H(mm)	STEEL TOOLS	
WD245-1.5	1.5	63.5	15.5		3000
WD245-02	2	77	18		3000
WD245-2.5	2.5	87.5	20.5		3000
WD245-03	3	93	23		3000
WD245-04	4	104	29		1400
WD245-05	5	120	33		800
WD245-5.5	5.5	132	33		600
WD245-06	6	141	38		480
WD245-07	7	147	41		300
WD245-08	8	158	44		300
WD245-09	9	169	47		160
WD245-10	10	180	50		160
WD245-12	12	202	57		96
WD245-14	14	229	70		80
WD245-17	17	262	80		48
WD245-19	19	284	89		36

One Side Ratchet Socket Wrench



CR-V

ITEM CODE	SPECIFICATION								N.W. (kg)
STEEL TOOLS	Size(mm)	B(mm)	T(mm)	C(mm)	L(mm)	PC(box)	Carton Size(cm)	STEEL TOOLS	
WD225-24	24	48	20	37	365	32	39.5×33.5×27.5		0.77
WD225-30	30	60	22	42	400	24	44.5×40.3×18.0		1.0
WD225-36	36	79	26	55	445	12	48.0×26.8×23.7		1.75
WD225-46	46	92	26	59	445	12	48.0×26.8×23.7		1.75

Claw type Ratchet Socket Wrench



9 pcs CR-V 6150

• 9pc Long Arm Ball Point Hex Key Set

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(inch)	L(mm)	STEEL TOOLS	
WEDO1652-11	7/8"×3/4"	310		600

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	PC(Box)	STEEL TOOLS	
WD258A	1.5,2,2.5,3,4,5,6,8,10	60		22

9 pcs CR-V 6150

• 9pc Extra Long Arm Ball Point Hex Key Set

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	PC(Box)	STEEL TOOLS	
WD258B	1.5,2,2.5,3,4,5,6,8,10	48		21

12pc Long Arm Ball Point Hex Key Set SAE



12 pcs CR-V 6150

ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size	STEEL TOOLS		
WD266	1/16",5/64",3/32",7/64",1/8",9/64",5/32",3/16",7/32",1/4",5/16",3/8"			611

• 9pc Extra Long Arm Hex Key Set

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	PC(Box)	STEEL TOOLS	
WD257A	1.5,2,2.5,3,4,5,6,8,10	60		22

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	PC(Box)	STEEL TOOLS	
WD257B	1.5,2,2.5,3,4,5,6,8,10	48		21

8pc Folding Hex Key Set



8 pcs CR-V 6150

ITEM CODE	SPECIFICATION		N.W. (kg)
STEEL TOOLS	Size(mm)	Pc (Box)	STEEL TOOLS
WD267	1.5,2,2.5,3,4,5,6,8	60	12

9pc Folding Hex Key Set SAE



9 pcs CR-V 6150

ITEM CODE	SPECIFICATION		N.W. (kg)
STEEL TOOLS	Size(mm)	Pc (Box)	STEEL TOOLS
WD268	5/64",3/32",7/64",1/8",9/64",5/32",3/16",7/32",1/4"	60	12

8pc T-Handle Hex Key Set



8 pcs CR-V 6150

ITEM CODE	SPECIFICATION		N.W. (kg)
STEEL TOOLS	Size(mm)	Pc (Box)	STEEL TOOLS
WD278A	2,2.5,3,4,5,6,8,10	10	14

9pc Multi-color Extra Long Arm Ball Point Hex Key Set

Torque Wrench

Interchangeable Preset Torque Wrench, dual window scales

All-steel Rectangular shank head Preset Torque Wrench

Rectangular shank head Preset Torque Wrench, large window scale

Round head Preset Torque Wrench, large window scale



ITEM CODE	SPECIFICATION		N.W. (kg)
STEEL TOOLS	Size(mm)	Pc (Box)	STEEL TOOLS
WEDO181-S9	1,5,2,2,5,3,4,5,6,8,10	48	23

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (inch)	N.m	L	PC(BOX)	STEEL TOOLS
WEDO171-02	1/2	0-300	488	20	20.7
WEDO171-04	3/4	0-500	540	12	21.3

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (mm)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO173-02	9x12	2.5-12	0.025	279	0.44
WEDO173-04	9x12	4.0-20	0.05	279	0.44
WEDO173-06	9x12	6.0-30	0.1	298	0.58
WEDO173-08	9x12	10-60	0.25	367	0.72
WEDO173-10	9x12	20-100	0.25	422	0.8
WEDO173-12	9x12	25-125	0.25	422	0.8
WEDO173-14	14x18	40-200	0.5	455	0.92
WEDO173-16	14x18	65-335	0.75	515	1.06
WEDO173-18	24x32	100-500	1.25	840	4.04
WEDO173-20	24x32	160-800	2	1040	4.93
WEDO173-22	24x32	200-1000	2.5	1040	4.93
WEDO173-24	27x36	300-1500	3	1250	8
WEDO173-26	27x36	400-2000	5	1250	8
WEDO173-28	27x36	600-3000	7.5	1250	9.3

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (mm)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO175-02	9x12	2.5-12	0.1	284	0.58
WEDO175-04	9x12	4.0-20	0.1	284	0.58
WEDO175-06	9x12	6.0-30	0.2	303	0.72
WEDO175-08	9x12	10-60	0.5	372	0.86
WEDO175-10	9x12	20-100	0.5	427	0.94
WEDO175-12	9x12	25-125	0.5	427	0.94
WEDO175-14	14x18	40-200	1	460	1.06
WEDO175-16	14x18	65-335	1	520	1.2
WEDO175-18	24x32	100-500	2.5	855	5
WEDO175-20	24x32	160-800	4	1055	5.9
WEDO175-22	24x32	200-1000	5	1055	5.9
WEDO175-24	27x36	300-1500	5	1249	9
WEDO175-26	27x36	400-2000	10	1249	9
WEDO175-28	27x36	600-3000	15	1249	10.3

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (mm)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO178-02	9x12	5-25	0.2	315	0.7
WEDO178-04	9x12	10-50	0.5	376	0.82
WEDO178-06	9x12	10-60	0.5	376	0.82
WEDO178-08	9x12	20-100	0.5	417	0.9
WEDO178-10	9x12	30-150	1	456	1.1
WEDO178-12	14x18	30-150	1	466	1.15
WEDO178-14	14x18	40-200	1	484	1.2
WEDO178-16	14x18	60-300	1.5	544	1.2
WEDO178-18	14x18	80-400	2	700	1.6
WEDO178-20	14x18	100-550	2.5	875	2
WEDO178-22	24x32	100-550	3	889	2
WEDO178-24	24x32	150-750	5	1110	4
WEDO178-26	24x32	200-650	5	1260	4.2

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (mm)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO1711-02	φ16	5-25	0.2	319	0.78
WEDO1711-04	φ16	10-50	0.5	378	0.9
WEDO1711-06	φ16	10-60	0.5	378	0.9
WEDO1711-08	φ16	20-100	0.5	420	0.99
WEDO1711-10	φ16	30-150	1	478	1.1
WEDO1711-12	φ16	40-200	1	478	1.1
WEDO1711-14	φ16	60-300	1.5	538	1.2
WEDO1711-16	φ16	80-400	2	700	1.3
WEDO1711-18	φ22	100-550	3	889	3.65
WEDO1711-20	φ22	150-750	5	1110	4.3
WEDO1711-22	φ22	200-850	5	1260	4.7

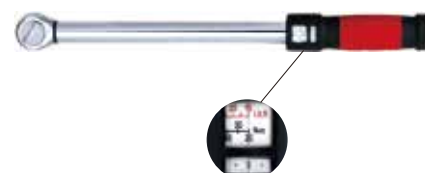
9pc Multi-color Extra Long Arm Hex Key Set

Reversible Ratchet Preset Torque Wrench, dual window scales

All-steel Reversible Ratchet Mini Preset Torque Wrench

One-side Ratchet Preset Torque Wrench, large window scale

Dial Torque Wrench, with memory needle



ITEM CODE	SPECIFICATION		N.W. (kg)
STEEL TOOLS	Size(mm)	Pc (Box)	STEEL TOOLS
WEDO182-S9	1,5,2,2,5,3,4,5,6,8,10	48	23



All-steel Preset Torque Wrench



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Square Drive (inch)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO176-02	1/4"	1-5	0.05	183	0.3
WEDO176-04	1/4"	2-10	0.1	195	0.32
WEDO176-06	1/4"	3-15	0.15	207	0.33
WEDO176-08	1/4"	5-25	0.25	230	0.35
WEDO176-10	3/8"	8-40	0.4	260	0.37
WEDO176-12	3/8"	10-60	0.5	310	0.51

Reversible Ratchet Preset Torque Wrench, large window scale

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Square Drive (inch)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO179-02	1/4"	5-25	0.2	328	0.84
WEDO179-04	3/8"	10-50	0.5	392	1
WEDO179-06	3/8"	10-60	0.5	392	1
WEDO179-08	1/2"	20-100	0.5	434	1.1
WEDO179-10	1/2"	30-150	1	496	1.25
WEDO179-12	1/2"	40-200	1	496	1.25
WEDO179-14	1/2"	60-300	1.5	556	1.4
WEDO179-16	1/2"	80-400	2	700	1.97
WEDO179-18	3/4"	100-550	3	889	3.67
WEDO179-20	3/4"	150-750	5	1110	4.1
WEDO179-22	3/4"	200-850	5	1210	4.5
WEDO179-24	3/4"	200-1000	5	1210	4.67
WEDO179-26	1"	300-1500	10	1710	6.5
WEDO179-28	1"	400-2000	10	1810	6.8

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Square Drive (inch)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO1712-02	1/4"	0.4-2	0.025	310	0.6
WEDO1712-04	1/4"	0.6-3	0.04	310	0.6
WEDO1712-06	1/4"	1.2-6	0.075	310	0.6
WEDO1712-08	1/4"	1.6-8	0.1	310	0.6
WEDO1712-10	3/8"	2.4-12	0.15	310	0.6
WEDO1712-12	3/8"	3.5-17.5	0.25	310	0.6
WEDO1712-14	3/8"	4-20	0.25	310	0.6
WEDO1712-16	3/8"	6-30	0.4	310	0.6
WEDO1712-20	3/8"	7-35	0.5	400	0.8
WEDO1712-22	3/8"	8-40	0.5	400	0.8
WEDO1712-24	3/8"	10-50	0.5	400	0.8
WEDO1712-26	3/8"	12-60	0.75	400	0.8
WEDO1712-28	1/2"	20-100	1	480	0.9
WEDO1712-30	1/2"	24-120	1.5	480	0.9
WEDO1712-32	1/2"	28-140	2	480	0.9
WEDO1712-34	1/2"	40-200	2.5	550	1.1
WEDO1712-36	1/2"	50-250	2.5	550	1.1
WEDO1712-38	1/2"	56-280	4	550	1.1
WEDO1712-40	1/2"	70-350	5	550	1.1
WEDO1712-42	3/4"	80-400	5	818	3.4
WEDO1712-44	3/4"	100-500	5	818	3.4
WEDO1712-46	3/4"	120-600	7.5	1192	6.4
WEDO1712-48	3/4"	160-800	10	1192	6.4
WEDO1712-50	3/4"	200-1000	10	1192	6.4
WEDO1712-52	1"	280-1400	20	1620	8.8
WEDO1712-54	1"	400-2000	25	1620	8.8

Sliding T-Handle Hex Key



ITEM CODE	SPECIFICATION					N.W. (kg)
STEEL TOOLS	Size	L1	L2	PC(BOX)	STEEL TOOLS	
WEDO189-2.5	2.5	125	63	250	7	
WEDO189-3	3	150	63	250	10.5	
WEDO189-4	4	175	76	250	11.5	
WEDO189-5	5	175	76	120	12	
WEDO189-6	6	195	87	120	13.5	
WEDO189-8	8	215	99	90	23	
WEDO189-10	10	250	122	60	23	
WEDO189-12	12	280	142	40	16	
WEDO189-14	14	280	180	40	16.5	

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Square Drive	Torque range	Dividing value	L (mm)	STEEL TOOLS
WEDO172-02	1/4"	2.5-12	0.025	285	0.54
WEDO172-04	1/4"	4.0-20	0.05	285	0.54
WEDO172-06	3/8"	6.0-30	0.1	313	0.68
WEDO172-08	1/2"	6.0-30	0.1	313	0.68
WEDO172-10	3/8"	10-60	0.25	383	0.82
WEDO172-12	1/2"	10-60	0.25	383	0.82
WEDO172-14	3/8"	20-100	0.25	438	0.9
WEDO172-16	1/2"	20-100	0.25	438	0.9
WEDO172-18	3/8"	25-125	0.25	438	0.9
WEDO172-20	1/2"	25-125	0.25	438	0.9
WEDO172-22	1/2"	40-200	0.5	463	1.02
WEDO172-24	1/2"	65-335	0.75	523	1.16
WEDO172-26	3/4"	65-335	0.75	523	1.2
WEDO172-28	3/4"	100-500	1.25	840	4.04
WEDO172-30	3/4"	160-800	2	1040	4.93
WEDO172-32	1"	160-800	2	1040	4.93
WEDO172-34	3/4"	200-1000	2.5	1040	4.93
WEDO172-36	1"	200-1000	2.5	1040	4.93
WEDO172-38	1"	300-1500	3	1250	8.2
WEDO172-40	1"	400-2000	5	1250	8.2
WEDO172-42	1"	600-3000	7.5	1250	9.5

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Square Drive (inch)	Torque range (N.m)	Dividing Value (N.m)	L (mm)	STEEL TOOLS
WEDO174-02	1/4"	2.5-12	0.1	290	0.68
WEDO174-04	1/4"	4.0-20	0.1	290	0.68
WEDO174-06	3/8"	6.0-30	0.2	318	0.82
WEDO174-08	1/2"	6.0-30	0.2	318	0.82
WEDO174-10	3/8"	10-60	0.5	388	0.96
WEDO174-12	1/2"	10-60	0.5	388	0.96
WEDO174-14	3/8"	20-100	0.5	443	1.04
WEDO174-16	1/2"	20-100	0.5	443	1.04
WEDO174-18	3/8"	25-125	0.5	443	1.04
WEDO174-20	1/2"	25-125	0.5	443	1.04
WEDO174-22	1/2"	40-200	1	468	1.16
WEDO174-24	1/2"	65-335	1	528	1.3
WEDO174-26	3/4"	65-335	1	528	1.34
WEDO174-28	3/4"	100-500	2.5	855	5
WEDO174-30	3/4"	160-800	4	1055	5.9
WEDO174-32	1"	160-800	4	1055	5.9
WEDO174-34	3/4"	200-1000	5	1055	5.9
WEDO174-36	1"	200-1000	5	1055	5.9
WEDO174-38	1"	300-1500	5	1260	9.2
WEDO174-40	1"	400-2000	10	1260	9.2
WEDO174-42	1"	600-3000	15	1260	10.5

Electronic Torque Wrench



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Square Drive (inch)	Torque range (N.m)	L (mm)	STEEL TOOLS
WEDO1714-02	1/4"	2-20	427	0.88
WEDO1714-04	3/8"	3-30	427	0.88
WEDO1714-06	3/8"	5-50	452	0.93
WEDO1714-08	3/8"	10-100	482	1
WEDO1714-10	1/2"	20-200	522	1.12
WEDO1714-12	1/2"	30-300	590	1.27
WEDO1714-14	3/4"	40-400	795	3.3
WEDO1714-16	3/4"	60-600	1050	4.6
WEDO1714-18	3/4"	80-800	1250	5.2
WEDO1714-20	3/4"	100-1000	1250	5.2

Rectangular shank head Electronic Torque Wrench



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size (mm)	Torque range (N.m)	L (mm)	STEEL TOOLS
WEDO1715-02	9X12	2-20	399	0.82
WEDO1715-04	9X12	3-30	399	0.82
WEDO1715-06	9X12	5-50	423	0.87
WEDO1715-08	9X12	10-100	453	0.93
WEDO1715-10	14X18	20-200	506	1.08
WEDO1715-12	14X18	30-300	575	1.25

Torque Tester



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Square Drive (inch)	Torque range (N.m)	L X W X H (mm)	STEEL TOOLS
WEDO1716-02	1/4"	1.2-12	135X136X85	2.2
WEDO1716-04	3/8"	2.5-25	135X136X85	2.4
WEDO1716-06	3/8"	4.0-40	135X136X85	2.6
WEDO1716-08	3/8"	7.5-75	135X136X85	2.8
WEDO1716-10	1/2"	15-150	135X136X85	2.9
WEDO1716-12	1/2"	25-250	135X136X85	3.1
WEDO1716-14	1/2"	40-400	135X136X85	3.2
WEDO1716-16	3/4"	65-650	135X136X85	3.2
WEDO1716-18	3/4"	110-1100	135X136X85	3.4

Rectangular Open End Fitting



ITEM CODE	SPECIFICATION					N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS
WD284I-06	6	14×18	25	30	7	120
WD284I-07	7	14×18	25	30	7	120
WD284I-08	8	14×18	25	30	7	120
WD284I-09	9	14×18	25	30	7	118
WD284I-10	10	14×18	25	30	7	116
WD284I-11	11	14×18	25	30	7	114
WD284I-12	12	14×18	25	30	7	112
WD284I-13	13	14×18	25	32	8	121
WD284I-14	14	14×18	25	32	8	128
WD284I-15	15	14×18	25	32	8	116
WD284I-16	16	14×18	25	38	9	116
WD284I-17	17	14×18	25	38	9	136
WD284I-18	18	14×18	25	42	10	151
WD284I-19	19	14×18	25	41	10	150
WD284I-20	20	14×18	25	48	12	145
WD284I-21	21	14×18	25	48	12	182
WD284I-22	22	14×18	25	48	12	180
WD284I-23	23	14×18	25	52	13	156
WD284I-24	24	14×18	25	51.5	13	185
WD284I-25	25	14×18	25	52	13	163
WD284I-26	26	14×18	30	57	14	163
WD284I-27	27	14×18	30	57.5	14	228
WD284I-28	28	14×18	30	57	14	255
WD284I-29	29	14×18	30	57	14	255
WD284I-30	30	14×18	35	65	14	269
WD284I-31	31	14×18	35	65	14	255
WD284I-32	32	14×18	35	65	14	266
WD284I-33	33	14×18	40	68	14	360
WD284I-34	34	14×18	40	68	14	317
WD284I-35	35	14×18	40	68	14	365
WD284I-36	36	14×18	40	68	14	365
WD284I-37	37	14×18	40	68	14	440
WD284I-38	38	14×18	40	68	14	440
WD284I-39	39	14×18	50	83	14	435
WD284I-40	40	14×18	50	83	14	430
WD284I-41	41	14×18	50	83	14	430
WD284I-42	42	14×18	50	83	14	430
WD284I-43	43	14×18	50	90	14	480
WD284I-44	44	14×18	50	90	14	550
WD284I-45	45	14×18	50	90	14	600
WD284I-46	46	14×18	50	90	14	595
WD284I-47	47	14×18	55	100	14	595
WD284I-48	48	14×18	55	100	14	595
WD284I-49	49	14×18	55	100	14	610
WD284I-50	50	14×18	55	100	14	610
WD284I-51	51	14×18	55	100	14	600
WD284I-52	52	14×18	55	100	14	600
WD284I-53	53	14×18	55	100	14	600

Rectangular Open End Fitting



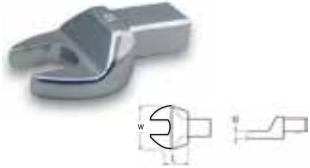
ITEM CODE	SPECIFICATION					N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS
WD284I-54	54	14×18	55	100	14	600
WD284I-55	55	14×18	55	100	14	585
WD284I-56	56	14×18	60	110	14	650
WD284I-57	57	14×18	60	110	14	650
WD284I-58	58	14×18	60	110	14	650
WD284I-59	59	14×18	60	110	14	650
WD284I-60	60	14×18	60	110	14	650
WD284I-61	61	14×18	60	110	14	640
WD284I-62	62	14×18	60	110	14	650
WD284I-64	64	14×18	60	110	14	650
WD284I-65	65	14×18	70	129.5	14	680
WD284I-66	66	14×18	70	129.5	14	680
WD284I-67	67	14×18	70	129.5	14	690
WD284I-68	68	14×18	70	129.5	14	690
WD284I-70	70	14×18	70	129.5	14	700
WD284I-72	72	14×18	70	129.5	14	690
WD284I-75	75	14×18	70	129.5	14	720
WD284I-77	77	14×18	80	150	14	730
WD284I-78	78	14×18	80	150	14	730
WD284I-79	79	14×18	80	150	14	730
WD284I-80	80	14×18	80	155.5	14	750
WD284I-85	85	14×18	80	155.5	14	750
WD284I-86	86	14×18	80	155.5	14	750
WD284I-88	88	14×18	80	155.5	14	775
WD284I-90	90	14×18	80	155.5	14	750
WD284I-95	95	14×18	90	186	14	850
WD284I-100	100	14×18	95	195	14	950

TORQUE TESTER

- ACCURACY +1% (WITHIN 10%-100% OF FULL LOAD)
- THREE TESTING MODES ARE AVAILABLE: FIRST PEAK MODE, PEAK MODE, AND TRACKING MODE
- FOUR TORQUE UNITS TO SWITCH: LBFT, LBIN, NM AND KGCM
- THE SPECIAL PERCENTAGE ERROR DISPLAY DESIGN BETWEEN THE MEASURING VALUE AND SETTING VALUE, SAVES THE OPERATOR FROM TEDIOUS CALCULATIONS



Rectangular Open End Fitting



ITEM CODE	SPECIFICATION					N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS
WD284H-04	4	9×12	17.5	22	4	35
WD284H-05	5	9×12	17.5	22	4	35
WD284H-5.5	5.5	9×12	17.5	22	5	38
WD284H-06	6	9×12	17.5	22	5.5	42
WD284H-07	7	9×12	17.5	22	5.5	38
WD284H-08	8	9×12	17.5	22	5.5	40
WD284H-09	9	9×12	17.5	25	6	44
WD284H-10	10	9×12	17.5	25	6	45
WD284H-11	11	9×12	17.5	25	6	42
WD284H-12	12	9×12	17.5	29	7	49
WD284H-13	13	9×12	17.5	29	7	50
WD284H-14	14	9×12	17.5	33	8	59
WD284H-15	15	9×12	17.5	33	8	57
WD284H-16	16	9×12	17.5	38	8	56
WD284H-17	17	9×12	17.5	38	8	61
WD284H-18	18	9×12	25	42.5	8	93
WD284H-19	19	9×12	25	42.5	8	89
WD284H-20	20	9×12	25	48	8	90
WD284H-21	21	9×12	25	48	8	105
WD284H-22	22	9×12	25	48	8	100
WD284H-23	23	9×12	25	52	8	100
WD284H-24	24	9×12	25	52	8	109
WD284H-25	25	9×12	30	57	6	110
WD284H-26	26	9×12	30	57	8	110
WD284H-27	27	9×12	30	57	8	136
WD284H-28	28	9×12	30	57	8	142
WD284H-29	29	9×12	30	57	8	142
WD284H-30	30	9×12	35	65	8	195
WD284H-31	31	9×12	35	65	8	145
WD284H-32	32	9×12	35	65	8	190
WD284H-33	33	9×12	40	68	8	145
WD284H-34	34	9×12	40	68	8	145
WD284H-35	35	9×12	40	68	8	145
WD284H-36	36	9×12	40	68	6	145
WD284H-37	37	9×12	40	68	8	145
WD284H-38	38	9×12	40	68	8	145
WD284H-39	39	9×12	50	83.5	8	145
WD284H-40	40	9×12	50	83.5	8	145
WD284H-41	41	9×12	50	83.5	8	145
WD284H-42	42	9×12	50	90	8	160
WD284H-43	43	9×12	50	90	8	165
WD284H-44	44	9×12	50	90	8	165
WD284H-45	45	9×12	50	90	8	165
WD284H-46	46	9×12	50	90	8	165
WD284H-47	47	9×12	55	100	8	175
WD284H-48	48	9×12	55	100	8	175
WD284H-49	49	9×12	55	100	8	175
WD284H-50	50	9×12	55	100	8	175
WD284H-51	51	9×12	55	100	8	175

Rectangular Open End Fitting



ITEM CODE	SPECIFICATION					N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS
WD284H-52	52	9×12	55	100	8	175
WD284H-53	53	9×12	55	100	8	175
WD284H-54	54	9×12	55	100	8	175
WD284H-55	55	9×12	55	100	8	175
WD284H-56	56	9×12	60	100	8	215
WD284H-57	57	9×12	60	110	8	216
WD284H-58	58	9×12	60	110	8	217
WD284H-60	60	9×12	50	110	8	218
WD284H-62	62	9×12	60	110	8	219
WD284H-63	63	9×12	60	110	8	220
WD284H-65	65	9×12	65	117	8	225
WD284H-66	66	9×12	65	117	8	225
WD284H-67	67	9×12	65	117	8	225
WD284H-68	68	9×12	65	117	8	225
WD284H-70	70	9×12	65	117	8	225
WD284H-75	75	9×12	75	125	8	240
WD284H-80	80	9×12	80	155	8	175
WD284H-85	85	9×12	80	155	8	175
WD284H-90	90	9×12	90	165	8	300
WD284H-91	91	9×12	90	165	8	300
WD284H-95	95	9×12	90	170	8	310

Rectangular Ring End Fitting



Rectangular Open End Fitting



Rectangular Ring End Fitting



ITEM CODE	SPECIFICATION						N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS	
WD284M-06	6	14×18	25	32	11		95
WD284M-07	7	14×18	25	32	11		95
WD284M-08	8	14×18	25	32	11		95
WD284M-09	9	14×18	25	32	11		95
WD284M-10	10	14×18	25	32	11		95
WD284M-11	11	14×18	25	32	11		115
WD284M-12	12	14×18	25	32	11		125
WD284M-13	13	14×18	25	32	11		135
WD284M-14	14	14×18	25	32	11		135
WD284M-15	15	14×18	25	32	11		130
WD284M-16	16	14×18	25	32	12		130
WD284M-17	17	14×18	25	32	12		130
WD284M-18	18	14×18	25	32	12		125
WD284M-19	19	14×18	25	32	12		125
WD284M-20	20	14×18	25	38.5	15		155
WD284M-21	21	14×18	25	38.5	15		155
WD284M-22	22	14×18	25	38.5	15		155
WD284M-23	23	14×18	25	38.5	15		155
WD284M-24	24	14×18	25	38.5	15		155
WD284M-25	25	14×18	25	39	15		160
WD284M-26	26	14×18	25	41	17.5		160
WD284M-27	27	14×18	30	41.5	17.5		160
WD284M-28	28	14×18	30	44	17.5		165
WD284M-29	29	14×18	30	45	17.5		165
WD284M-30	30	14×18	30	45	17.5		165
WD284M-31	31	14×18	30	47.5	17.5		168
WD284M-32	32	14×18	30	47.5	17.5		168
WD284M-33	33	14×18	30	50	19		190
WD284M-34	34	14×18	30	51	19		190
WD284M-35	35	14×18	30	52	19		190
WD284M-36	36	14×18	30	53	19		196
WD284M-37	37	14×18	35	55	19		196
WD284M-38	38	14×18	35	58	19		210
WD284M-40	40	14×18	35	59.5	19		210
WD284M-41	41	14×18	35	59.5	19		215
WD284M-42	42	14×18	35	61	19		215
WD284M-45	45	14×18	40	66	19		220
WD284M-46	46	14×18	40	66	19		225
WD284M-47	47	14×18	40	68.5	19		225
WD284M-50	50	14×18	40	70	19		230
WD284M-55	55	14×18	45	76	19		250
WD284M-60	60	14×18	45	84	19		255
WD284M-65	65	14×18	50	90	19		265
WD284M-70	70	14×18	55	96	19		270
WD284M-75	75	14×18	60	100	19		285
WD284M-80	80	14×18	65	108	19		310

ITEM CODE	SPECIFICATION						N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS	
WD284K-17	17	27×36	40	58.5	28		1250
WD284K-18	18	27×36	40	58.5	28		1250
WD284K-19	19	27×36	40	58.5	28		1250
WD284K-20	20	27×36	50	72.5	28		1250
WD284K-22	22	27×36	50	72.5	28		1250
WD284K-24	24	27×36	50	72.5	28		1250
WD284K-26	26	27×36	50	78.5	28		1250
WD284K-27	27	27×36	50	78.5	28		1250
WD284K-28	28	27×36	50	78.5	28		1250
WD284K-29	29	27×36	50	78.5	28		1250
WD284K-30	30	27×36	50	85	28		1295
WD284K-32	32	27×36	50	85	28		1295
WD284K-34	34	27×36	50	88	28		1330
WD284K-36	36	27×36	50	88	28		1335
WD284K-38	38	27×36	50	90	28		1338
WD284K-40	40	27×36	50	92	28		1440
WD284K-41	41	27×36	50	92	28		1440
WD284K-42	42	27×36	50	98	28		1440
WD284K-44	44	27×36	50	98	28		1440
WD284K-45	45	27×36	50	98	28		1440
WD284K-46	46	27×36	50	98	28		1440
WD284K-50	50	27×36	55	118	28		1450
WD284K-55	55	27×36	55	118	25		1455
WD284K-60	60	27×36	60	130	28		1460
WD284K-61	61	27×36	65	131	28		1462
WD284K-65	65	27×36	65	135	28		1462
WD284K-70	70	27×36	70	142	28		1465
WD284K-75	75	27×36	75	148	28		1780
WD284K-80	80	27×36	80	158	28		2600
WD284K-85	85	27×36	85	164	28		2850
WD284K-90	90	27×36	90	176	28		2900
WD284K-95	95	27×36	95	180	28		3000
WD284K-100	100	27×36	100	195	28		3150



ITEM CODE	SPECIFICATION						N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS	
WD284L-04	4	9×12	17.5	22	6		40
WD284L-05	5	9×12	17.5	22	6		40
WD284L-06	6	9×12	17.5	22	8		43
WD284L-07	7	9×12	17.5	22	8		43
WD284L-08	8	9×12	17.5	22	8		42
WD284L-09	9	9×12	17.5	22	9		45
WD284L-10	10	9×12	17.5	22	9		48
WD284L-11	11	9×12	17.5	22	9		47
WD284L-12	12	9×12	17.5	26	12		54
WD284L-13	13	9×12	17.5	26	12		54
WD284L-14	14	9×12	17.5	26	12		52
WD284L-15	15	9×12	17.5	26	12		54
WD284L-16	16	9×12	17.5	30	13		56
WD284L-17	17	9×12	17.5	30	13		55
WD284L-18	18	9×12	17.5	30	13		58
WD284L-19	19	9×12	17.5	35	13		57
WD284L-20	20	9×12	17.5	35	13		68
WD284L-21	21	9×12	17.5	35	13		68
WD284L-22	22	9×12	17.5	35	13		73
WD284L-23	23	9×12	17.5	36.5	13		75
WD284L-24	24	9×12	25	37	13		80
WD284L-25	25	9×12	25	40	13		80
WD284L-26	26	9×12	25	41	13		80
WD284L-27	27	9×12	25	42	13		80
WD284L-28	28	9×12	25	44	13		80
WD284L-30	30	9×12	25	46	13		85
WD284L-32	32	9×12	25	47.5	13		85
WD284L-33	33	9×12	30	48	13		86
WD284L-34	34	9×12	30	48	13		86
WD284L-36	36	9×12	30	50	13		90
WD284L-38	38	9×12	30	55	13		90
WD284L-41	41	9×12	35	58	13		90
WD284L-42	42	9×12	35	60	13		93

Rectangular Ring End Fitting



Industrial-grade Telescopic Extension Pipe Wrench



Chain Pipe Wrench



ITEM CODE	SPECIFICATION						N.W. (g)
STEEL TOOLS	Size (mm)	Shank (mm)	L (mm)	W (mm)	H (mm)	STEEL TOOLS	
WD2840-27	27	27×36	50	62	28		1190
WD2840-30	30	27×36	50	70	28		1190
WD2840-31	31	27×36	50	70	28		1213
WD2840-32	32	27×36	50	70	28		1213
WD2840-34	34	27×36	50	72	28		1235
WD2840-36	36	27×36	50	72	28		1225
WD2840-38	38	27×36	50	75	28		1263
WD2840-41	41	27×36	50	76	28		1265
WD2840-42	42	27×36	50	76	28		1265
WD2840-45	45	27×36	50	80	28		1270
WD2840-46	46	27×36	50	82	28		1270
WD2840-50	50	27×36	50	92	28		1603
WD2840-55	55	27×36	50	104	28		1771
WD2840-60	60	27×36	50	110	28		1874
WD2840-65	65	27×36	50	118	28		2050
WD2840-70	70	27×36	50	125	28		2322
WD2840-75	75	27×36	50	138	28		2600
WD2840-80	80	27×36	50	148	28		2900
WD2840-85	85	27×36	50	150	28		2900

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	L (mm)	Max.Clamping Displacement	Max.Torque N.m	STEEL TOOLS
WD308-80	18"	490-680	80	2600	1.2
WD308-95	24"	570-780	95	3800	3.2
WD308-108	36"	720-950	108	5600	4.9
WD308-152	48"	900-1280	152	7600	8.0

Aluminum Pipe Wrench



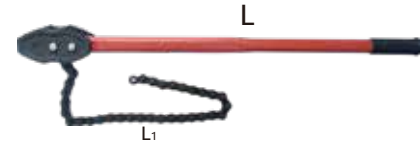
Belt Wrench



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(inch)	L(mm)	d(mm)	PC(Box)	STEEL TOOLS
WD309-08	8"	200	27	48	12.5
WD309-10	10"	250	33	36	17.7
WD309-12	12"	300	42	24	17.06
WD309-14	14"	350	48	24	22.65
WD309-18	18"	450	60	12	18
WD309-24	24"	600	73	6	15
WD309-36	36"	900	102	4	17.58
WD309-48	48"	1200	141	2	17

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	PC(BOX)	STEEL TOOLS
WD807-02	300	305	36	16

Chain Pipe Wrench



Wrench, Pipe



CrMo

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(inch)	L (mm)	d (mm)	PC (Box)	STEEL TOOLS
WD301-06	6"	150	21	72	17.8
WD301-08	8"	200	27	48	20
WD301-10	10"	250	33	36	26
WD301-12	12"	300	42	24	24
WD301-14	14"	350	48	12	16.7
WD301-18	18"	450	60	12	26
WD301-24	24"	600	73	6	21
WD301-36	36"	900	102	4	24
WD301-48	48"	1200	141	2	21

Adjustable Pipe Wrench,45° With Straight Jaws



45° CR-V

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(inch)	L(mm)	Max(mm)	PC(Box)	STEEL TOOLS
WD312-02	1/2"	235	39	48	20
WD312-04	1"	330	58	24	20
WD312-06	1.5"	415	85	16	22.5
WD312-08	2"	535	95	8	20
WD312-10	3"	652	106	6	26

Adjustable Pipe Wrench,"S" Type



S type CR-V

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(inch)	L(mm)	Max(mm)	PC(Box)	STEEL TOOLS
WD313-02	1/2"	235	38	48	20
WD313-04	1"	330	52	24	20
WD313-06	1.5"	420	74	16	22.5
WD313-08	2"	535	82	8	20
WD313-10	3"	652	128	6	26

Adjustable Pipe Wrench,90° Type



90° CR-V

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(inch)	L(mm)	Max(mm)	PC(Box)	STEEL TOOLS
WD314-02	1"	320	40	48	20
WD314-04	1.5"	425	62	24	20
WD314-06	2"	560	71	16	22.5
WD314-08	3"	630	103	8	20
WD314-10	4"	735	121	6	26

Box Joint Plier



CR-V

ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(mm)	L(mm)	Opening (mm)	Pc(Box)	STEEL TOOLS
WD316-10	250	240	32	48	18.5
WD316-12	300	300	32	36	20.5

"SPEEDY"Water Pump Pliers



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(mm)	Size(inch)	Opening(mm)	STEEL TOOLS
WD318-10	250	10"	R1/4"-1 1/4" S6-38mm	350

Bolt Cutter



T8A

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Cutting dia. (mm)	Pc(Box)	STEEL TOOLS
WD325-12	12"	4	30	19/17
WD325-14	14"	5	30	24/22
WD325-18	18"	6	20	37/35
WD325-24	24"	8	10	17/15
WD325-30	30"	10	5	22/19
WD325-36	36"	12	5	30/28
WD325-42	42"	14	3	26/24

Cable Cutter



Carbon steel

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	PC(Box)	Carton(cm)	STEEL TOOLS
WD330-06	6"	120	40*32*19.5	22/20
WD330-08	8"	72	30*27*35	27/25
WD330-10	10"	48	32*30*21	27/25

Tinman's Snips German Type



Carbon steel

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
WD343-08	8"	60	48*28*22	20/19
WD343-10	10"	48	57*33*19	25/24
WD343-12	12"	36	49*36*20	26/25
WD343-14	14"	24	43*33*19.5	25/24

Tinman's Snips American Type



Carbon steel

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
WD345-08	8"	48	54*28*30	21/20
WD345-10	10"	48	54*36*32	28/27
WD345-12	12"	48	60*38.5*32	34/33
WD345-14	14"	36	47*45*33	35/34

New upgrade

INDUSTRIAL GRADE AVIATION SCISSORS

Labor-saving structure makes cutting easier

- Chrome vanadium steel forging
- Big damping force
- Cut sharp

- Left cut
- Straight cut
- Right cut

Can cut stainless steel plate 8.2mm

can cut cold rolled steel plate 1.2mm

Multi-Angle Shears



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Range	L(mm)	PC(Box)	STEEL TOOLS
WD2701	0-45°	245	24	12.4/14.4

Plastic Pipe Cutter



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Cutting Dia.(mm)	L(mm)	PC(Box)	STEEL TOOLS
WD2711-42	Φ42	220	48	17/19

Plastic Pipe Cutter



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Max scope of cutting(mm)	STEEL TOOLS
WEDO2271	200	Φ32	167

Plastic Pipe Cutter



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Max scope of cutting(mm)	STEEL TOOLS
WEDO2272	270	Φ64	585

Left Cut Aviation Snips



CR-MO

ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(inch)	Product Size(mm)	STEEL TOOLS
WD346-10	10"	250×72×22	390

Straight Cut Aviation Snips



CR-MO

ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(inch)	Product Size(mm)	STEEL TOOLS
WD346-20	10"	250×72×22	390

Right Cut Aviation Snips



CR-MO

ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size(inch)	Product Size(mm)	STEEL TOOLS
WD346-30	10"	250×72×22	390

Germany Pliers,combination



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size(mm)	Size(inch)	MH	H	P
WD361A-08	200	8"	3.0	2.8	-

Pliers Lineman

Patent Number: ZL 2017 3 0668395.7



CR-V

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
WD351-06	6"	60	41*23*33	17
WD351-07	7"	60	46*18*33	22
WD351-08	8"	60	46*18*33	24

Pliers,Snipe Nose

Patent Number: ZL 2017 3 0667984.3



CR-V

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
WD352-06	6"	60	41*23*33	15
WD352-08	8"	60	46*18*33	22

Pliers,Diagonal Cutting

Patent Number: ZL 2017 3 0667984.3



CR-V

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
WD353-06	6"	60	41*23*33	16
WD353-07	7"	60	46*18*33	23

Germany Pliers,Snipe Nose



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size(mm)	Size(inch)	MH	H	P
WD362A-08	200	8"	2.8	1.8	-

LABOR-SAVING LINEMAN PLIERS (GERMAN TYPE)

Made in Germany, Quality Guarantee

Ripple designed , strong clamping force. Ripple plier teeth can safely clamp screws and pipes.

High frequency quenched cutting edge, hardness HRC64, strong cutting force.

Plier body is die-forged by quality chrome vanadium, with thermal treatment in a whole and chrome plated, no dazzling and corrosion resistant.

Pliers head thickened design, Chrome plated, both corrosion resistant and durable; The spring of Pliers head makes jaws open automatically, improving work efficiency.

Through Axis system improvement, eccentricity design, saving labor force by 35%.

Bi-color handles are in accordance with ergonomic design, comfortable to hold, suitable for long-time operations.

HIGH FREQUENCY QUENCHED
FINE POLISHED SURFACE TREATMENT



Pliers Lineman



Color Steel

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
HG351-06	6"	60	41*23*33	17
HG351-07	7"	60	46*18*33	22
HG351-08	8"	60	46*18*33	24

Pliers,Snipe Nose



Color Steel

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
HG352-06	6"	60	41*23*33	15
HG352-08	8"	60	46*18*33	22

Pliers,Diagonal Cutting



Color Steel

ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
HG353-06	6"	60	41*23*33	16
HG353-07	7"	60	46*18*33	23

Germany Pliers,Diagonal Cutting



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(inch)	Size(mm)	MH H P	STEEL TOOLS
WD363A-06	6-1/4"	160	3.5 2.5 2.0	220

Wire Stripper Pliers



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton Size(cm)	STEEL TOOLS
WD370-06	6"	60	41*23*33	16

End Cutting Pliers



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton Size(cm)	STEEL TOOLS
WD372-06	6"	60	46*26*32	13
WD372-08	8"	60	46*31*34	21

Carpenter's Pliers



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	Pc(Box)	Carton(cm)	STEEL TOOLS
WD373-08	8"	60	46*31*27	24

Internal Snap Ring Pliers



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(inch)			STEEL TOOLS
WD377-07	7"			142
WD377-09	9"			165

Internal Snap Ring Bent Nose Pliers



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(inch)			STEEL TOOLS
WD378-07	7"			144
WD378-09	9"			165

External Snap Ring Pliers



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(inch)			STEEL TOOLS
WD379-07	7"			162
WD379-09	9"			183

External Snap Ring Bent Nose Pliers



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(inch)			STEEL TOOLS
WD380-07	7"			163
WD380-09	9"			185

WEDO PLIERS SET-3PCS



Great hardness / Good toughness / Sharp cutting
Die-forged making by high quality CR-V

Plastic Cutter Plier



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	Size (inch)	STEEL TOOLS
WD381-05	5"	144
WD381-06	6"	161

Wire Stripper



ITEM CODE	SPECIFICATION	Pc(Box)
STEEL TOOLS	Size (inch)	STEEL TOOLS
WD387-07	10	0.6 ²
	12	0.8 ²
	14	1 ²
	16	1.3 ²
	18	1.6 ²
	20	2 ²
	22	2.6 ²

Self-adjustable European terminal crimping pliers



• AWG: 24-8AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2211	175 0.25-10 (mm ²)	380

Self-adjustable European terminal crimping pliers (HDX)



• AWG: 24-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2212	175 0.25-6.0 (mm ²)	410

Self-adjustable European terminal crimping pliers



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2213	175 0.08-16 (mm ²)	420

Automatic wire stripper



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Stripping capacity	STEEL TOOLS
WEDO2214	170 0.25-6.0 (mm ²)	220

Automatic wire stripper (Type A)



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Stripping capacity	STEEL TOOLS
WEDO2215	175 0.25-2.5mm ² Φ0.5-2mm	360

Automatic wire stripper (Type B)



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Stripping capacity	STEEL TOOLS
WEDO2216	175 0.5-6.0mm ² Φ1.0,1.6, 2.0,2.6,3.2mm	360

Automatic wire stripper



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2217	190 0.5-6.0 (mm ²)	120

Cable sheath stripper



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Stripping capacity	STEEL TOOLS
WEDO2218	190 Φ8-28 (mm ²)	220

Strong non-insulated terminal crimping pliers



• AWG: 20-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2219	180 0.5-6.0 (mm ²)	250

Strong non-insulated terminal crimping pliers



• AWG: 13-5AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2221	275 2.5-16 (mm ²)	440

Strong non-insulated terminal crimping pliers



• AWG: 8-1/0AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2222	335 10-50 (mm ²)	650

Labor-saving European terminal crimping pliers



• AWG: 23-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2223	175 0.25-6.0 (mm ²)	300

Labor-saving European terminal crimping pliers



• AWG: 23-7AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2224	205 0.25-10 (mm ²)	480

Labor-saving non-insulated terminal crimping pliers



• AWG: 23-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2225	175 0.25-6.0 (mm ²)	300

Labor-saving non-insulated terminal crimping pliers



• AWG: 20-7AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2226	205 0.5-10 (mm ²)	480

Labor-saving plug terminal crimping pliers



• AWG: 23-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2227	205 0.25-6.0 (mm ²)	480

Computer terminal crimping pliers



• AWG: 15-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2228	220 1.5-6.0 (mm ²)	450

European terminal crimping pliers



• AWG: 2×20-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range (mm ²)	STEEL TOOLS
WEDO2229	220 2×(0.5,0.75,1.1,1.5,2.5,4,6)	450

Insulated terminal crimping pliers



• AWG: 20-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range (mm ²)	STEEL TOOLS
WEDO2231	220 0.5-1.5,1.5-2.5,4.0-6.0	450

Non-insulated terminal crimping pliers



• AWG: 20-7AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2232	220 0.5-10 (mm ²)	450

Plug terminal crimping pliers

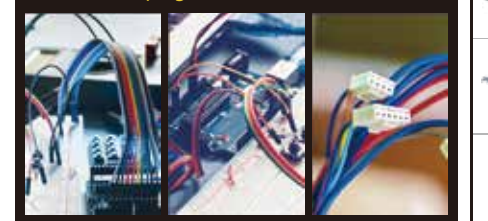


• AWG: 20-10AWG

ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	L (mm) Crimping range	STEEL TOOLS
WEDO2233	220 0.5-6.0 (mm ²)	450



ONE PLIER FOR VARIOUS APPLICATION
High quality steel alloy / anti-skid handle
accurate crimping / durable and wear-resistant



Strong Computer terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range (mm ²)	STEEL TOOLS
WEDO2235	230	8.1,6.5,5.4,2.6,1.72	520

Strong Insulated terminal crimping pliers



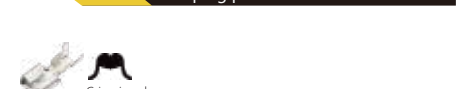
ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range (mm ²)	STEEL TOOLS
WEDO2236	230	0.5-1.5,1.5-2.5,4-6	520

Strong Non-insulated terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2237	230	1.5-6.0 (mm ²)	520

Precision Computer terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2238	190	0.25-0.5 (mm ²)	350

Precision European terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2239	190	0.14-2.5 (mm ²)	350

Precision European terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2241	190	0.5-6.0 (mm ²)	350

Precision Insulated terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2242	190	0.25-2.5 (mm ²)	350

Precision Non-insulated terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2243	190	0.25-2.5 (mm ²)	360

Precision Non-insulated terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2244	190	0.5-6.0 (mm ²)	350

Precision plug terminal crimping pliers



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Crimping range	STEEL TOOLS
WEDO2245	190	0.25-1.5 (mm ²)	350

Ratchet manual cable shear



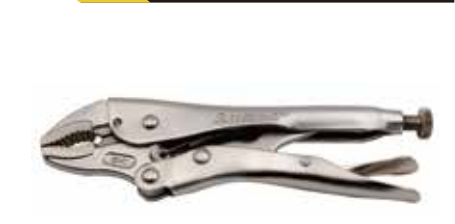
ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Max.Cuttin capacity	STEEL TOOLS
WEDO2246	250	≥Φ36mm,300mm ²	610

Ratchet manual cable shear



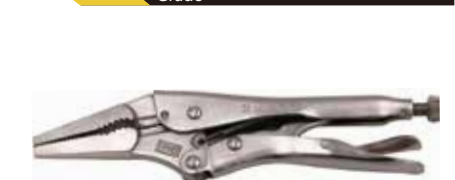
ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	L (mm)	Max.Cuttin capacity	STEEL TOOLS
WEDO2247	310	≥Φ60mm,500mm ²	840

Curved Jaw Locking Pliers-Industrial Grade



ITEM CODE	SPECIFICATION					N.W. (kg)
STEEL TOOLS	Size (inch)	L (mm)	Opening Capacity (mm)	Clamping Force (kg)	Pc (Box)	STEEL TOOLS
WD405-05	5"	140	26	408	48	9.03
WD405-07	7"	178	38	1135	48	19.66
WD405-10	10"	216	50	1135	36	23.34
WD405-12	12"	255	57	1300	24	23.05



Long Nose Locking Pliers-Industrial Grade



ITEM CODE	SPECIFICATION					N.W. (kg)
STEEL TOOLS	Size (inch)	L (mm)	Opening Capacity (mm)	Clamping Force (kg)	Pc (Box)	STEEL TOOLS
WD407-07	7"	165	50	204	36	7.53
WD407-09	9"	216	70	408	36	14.7

Drop Forged " G " Clamps



ITEM CODE		SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (inch)	PC (Box)	H (mm)	Carton (cm)	STEEL TOOLS	
WD450-03	3"	24	46	28*22*22	24/23	
WD450-04	4"	20	56	32*25*24	24/23	
WD450-06	6"	8	76	37*34*14	25/24	
WD450-08	8"	6	92	42*24*18	25/24	

Parallel Vice



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (inch)	PC (Box)	Opening Capacity(mm)	Carton (cm)	STEEL TOOLS
WD476-04	4"	4	80	56*29*17	28/26
WD476-05	5"	2	110	37*36*21	34*22
WD476-06	6"	1	140	43*20*22	19/18
WD476-08	8"	1	170	50*22*25	29/27
WD476-10	10"	1	220	60*26*28	42/41

Hacksaw Frame



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size (inch)	L (mm)	STEEL TOOLS
WD547-02	12"	300	556

Aluminium Hacksaw Frame



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size (inch)	L (mm)	STEEL TOOLS
WD571-12	12"	310	352

Mini Hacksaw Frame



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size (inch)	L (mm)	STEEL TOOLS
WD572-06	6"	150	130

Electrician's Knife



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L (mm)	STEEL TOOLS
WD548-02	Straight-bladed	205	80

Electrician's Knife



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	L (mm)	STEEL TOOLS
WD549-02	Bent-bladed	200	85

Utility Knife



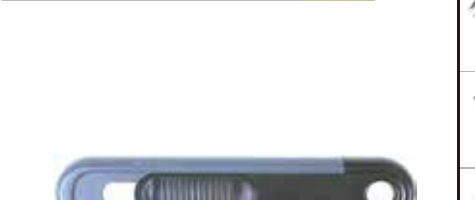
ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size (mm)	L (mm)	STEEL TOOLS
WEDO231-9	9	138	19.3

Utility Knife



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size (mm)	L (mm)	STEEL TOOLS
WEDO231-18	18	177	57.8

Utility Knife



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size (mm)	L (mm)	STEEL TOOLS
WEDO232-19	19	135	33.6

Heavy-duty Utility Knife



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size (mm)	Blade size (mm)	Quantity of blades	L (mm)	STEEL TOOLS
WEDO233	19	19×61×0.6	1+3 spares	175	210

Folding Utility Knife



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size (mm)	Blade size (mm)	Quantity of blades	L (mm)	STEEL TOOLS
WEDO234	19	19×61×0.6	1spares	170	125

Aluminum Alloy Utility Knife



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (mm)	PC(Box)	STEEL TOOLS		STEEL TOOLS
WD551-02	18	120			14/13

Utility Knife



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size (mm)	PC(Box)	STEEL TOOLS		STEEL TOOLS
WD555-02	18	120			17/16

Flat File



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	Tooth Form	PC(Box)	Carton Size (mm)	STEEL TOOLS
WD556-12	6"	Bastard	300	390*220*90	20
WD556-14	8"	Bastard	120	275*205*100	16
WD556-16	10"	Bastard	80	335*225*100	19
WD556-18	12"	Bastard	40	395*175*100	16
WD556-22	6"	Second	300	390*220*90	20
WD556-24	8"	Second	120	275*205*100	16
WD556-26	10"	Second	80	335*225*100	19
WD556-28	12"	Second	40	395*175*100	16
WD556-32	6"	Smooth	300	390*220*90	20
WD556-34	8"	Smooth	120	275*205*100	16
WD556-36	10"	Smooth	80	335*225*100	19
WD556-38	12"	Smooth	40	395*175*100	16

Half-Round File



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	Tooth Form	PC(Box)	Carton Size (mm)	STEEL TOOLS
WD557-12	6"	Bastard	300	390*220*90	18
WD557-14	8"	Bastard	120	275*205*100	14
WD557-16	10"	Bastard	80	335*225*100	18
WD557-18	12"	Bastard	40	395*175*100	14
WD557-22	6"	Second	300	390*220*90	18
WD557-24	8"	Second	120	275*205*100	14
WD557-26	10"	Second	80	335*225*100	18
WD557-28	12"	Second	40	395*175*100	14
WD557-32	6"	Smooth	300	390*220*90	18
WD557-34	8"	Smooth	120	275*205*100	14
WD557-36	10"	Smooth	80	335*225*100	18
WD557-38	12"	Smooth	40	395*175*100	14

4 Piece All Purpose File



ITEM CODE	SPECIFICATION			
STEEL TOOLS	DESCRIPTION	SPECIFICATION		
WD562A-04	150 Flat 2nd Cut File	150mm		
	150 Round 2nd Cut File	150mm		
	150 Triangular 2nd Cut File	150mm		
	Double color handle	11.6mm		
	Weight kg	0.28kg		

Triangular File



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	Tooth Form	PC(Box)	Carton Size (mm)	STEEL TOOLS
WD558-12	6"	Bastard	300	390*220*90	18
WD558-14	8"	Bastard	120	275*205*100	13
WD558-16	10"	Bastard	80	335*225*100	17
WD558-18	12"	Bastard	40	395*175*100	14
WD558-22	6"	Second	300	390*220*90	18
WD558-24	8"	Second	120	275*205*100	13
WD558-26	10"	Second	80	335*225*100	17
WD558-28	12"	Second	40	395*175*100	14
WD558-32	6"	Smooth	300	390*220*90	18
WD558-34	8"	Smooth	120	275*205*100	13
WD558-36	10"	Smooth	80	335*225*100	17
WD558-38	12"	Smooth	40	395*175*100	14

Square File



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	Tooth Form	PC(Box)	Carton Size (mm)	STEEL TOOLS
WD559-12	6"	Bastard	600	390*220*90	21
WD559-14	8"	Bastard	240	275*205*100	17
WD559-16	10"	Bastard	160	335*225*100	24
WD559-18	12"	Bastard	40	395*175*100	11
WD559-22	6"	Second	600	390*220*90	21
WD559-24	8"	Second	240	275*205*100	17
WD559-26	10"	Second	160	335*225*100	24
WD559-28	12"	Second	40	395*175*100	11
WD559-32	6"	Smooth	600	390*220*90	21
WD559-34	8"	Smooth	240	275*205*100	17
WD559-36	10"	Smooth	160	335*225*100	24
WD559-38	12"	Smooth	40	395*175*100	11

5 Piece All Purpose File&Rasp Set



ITEM CODE	SPECIFICATION			
STEEL TOOLS	DESCRIPTION	SPECIFICATION		
WD562B-05	200 Flat 2nd Cut File	200mm		
	200 4 in1 Rasp	200mm		
	150 Round 2nd Cut File	150mm		
	150 Triangular 2nd Cut File	150mm		
	Double color handle	11.6mm		
	Weight kg	0.54kg		

Round File



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	Tooth Form	PC(Box)	Carton Size (mm)	STEEL TOOLS
WD560-12	6"	Bastard	600	390*220*90	17
WD560-14	8"	Bastard	240	275*205*100	14
WD560-16	10"	Bastard	160	335*225*100	19
WD560-18	12"	Bastard	40	395*175*100	9
WD560-22	6"	Second	600	390*220*90	17
WD560-24	8"	Second	240	275*205*100	14
WD560-26	10"	Second	160	335*225*100	19
WD560-28	12"	Second	40	395*175*100	9
WD560-32	6"	Smooth	600	390*220*90	17
WD560-34	8"	Smooth	240	275*205*100	14
WD560-36	10"	Smooth	160	335*225*100	19
WD560-38	12"	Smooth	40	395*175*100	9

10 PCS Diesiler's File



ITEM CODE	SPECIFICATION			
STEEL TOOLS	Size	Pc(Box)		
WD561-02	3*140*10	60		
WD561-04	4*160*10	60		
WD561-06	5*180*10	60		

10 Piece All Purpose File&Needle File Set



ITEM CODE	SPECIFICATION			
STEEL TOOLS	DESCRIPTION	SPECIFICATION		
WD562C-10	150 Flat 2nd Cut File	150mm		
	150 Round 2nd Cut File	150mm		
	150 Triangular 2nd Cut File	150mm		
	p4×160×6 Needle File Set	160,160,160,160,160mm		
	Double color handle	11.6mm		
	Weight kg	0.44kg		

Test Pencil



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	Testrange	L(mm)	STEEL TOOLS	
WD609-02	3*140	12-220V	155		

Test Pencil



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size	Testrange	L(mm)	STEEL TOOLS	
WD609A-02	3*130	12-220V	130		

Test Pencil



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	L(mm)	SENSITIVITY RANGE	STEEL TOOLS		STEEL TOOLS
WD609B-02	150	90-1000VAC			0.045

Slotted Screwdriver(go-through)



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(mm)	Pc/Carton	Carton Size(cm)	STEEL TOOLS	
WD612-02	6x100	120	32*23*24.5	18	
WD612-06	6x150	120	32*28*24.5	20	
WD612-08	8x200	72	35*22.5*25.5	18	
WD612-12	8x300	72	15*22.5*25.5	19	

Phillips Screwdriver(go-through)



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(mm)	Pc/Carton	Carton Size(cm)	STEEL TOOLS	
WD613-02	6*100	120	32*23*24.5	18	
WD613-06	6*150	120	32*28*24.5	20	
WD613-08	8*200	72	35*22.5*25.5	18	
WD613-12	8*300	72	15*22.5*25.5	19	

Slotted Screwdriver



ITEM CODE	SPECIFICATION			
STEEL TOOLS	Size(mm)	Box	Pc/Carton	
WD610-02	3×75	12	144	
WD610-04	3×100	12	144	
WD610-06	5×75	12	144	
WD610-08	5×100	12	144	
WD610-10	5×125	12	120	
WD610-12	5×150	12	120	
WD610-14	5×200	12	120	
WD610-16	5×250	12	120	
WD610-18	5×300	12	120	
WD610-20	6×38	12	144	
WD610-22	6×100	12	120	
WD610-24	6×125	12	120	
WD610-26	6×150	12	120	
WD610-28	6×200	12	120	
WD610-30	6×250	12	120	
WD610-32	6×300	12	120	
WD610-34	8×200	6	72	
WD610-36	8×250	6	72	
WD610-38	8×300	6	72	

Phillips Screwdriver



ITEM CODE	SPECIFICATION			
STEEL TOOLS	Size(mm)	Box	Pc/Carton	
WD611-02	PH0×75	12	144	
WD611-04	PH0×100	12	144	
WD611-06	PH1×75	12	144	
WD611-08	PH1×100	12	144	

2pcs Screwdrivers Set



ITEM CODE	SPECIFICATION
STEEL TOOLS	Size(mm)
WD610B-02	PH2*100 6*100

6pcs Screwdrivers Set (blister type)



ITEM CODE	SPECIFICATION
STEEL TOOLS	Size(mm)
WD610C-6	PH0*75, PH1*125, PH2*100, 3*75, 5*125, 6*150

6pcs Screwdrivers Set (blister type)



ITEM CODE	SPECIFICATION
STEEL TOOLS	Size(mm)
HG610C-6	PH0*75, PH1*125, PH2*100, 3*75, 5*125, 6*150




6pcs Screwdrivers Set (box type)



ITEM CODE	SPECIFICATION
STEEL TOOLS	Size(mm)
WD610D-6	PH1*75, PH2*100, 3*75, 5*75, 6*100, 8*150

Screwdriver Bits Set-33pcs



ITEM CODE	SPECIFICATION				
STEEL TOOLS	Size(mm)				
WD1501-33	Tweezer: 115mm				
	Extension Bar: H4×60mm				
	Screwdriver Bits Model:				
	6150 CR-V with Nickel Surface Treatment bits				
	4×28mm				
	●T3	●T9	●H2.0	●2.5	●3.0
●T4	●T10	H2.5	●3.0	●3.5	
●T5	●T15	●H3.0	●3.5	●Y2.0	
●T6	●T20	●H4.0	●1.5	●2.0	
●T7	●H1.3	●1.5	●2.0	●0.8	
●T8	●H1.5	●2.0	●2.5	●U2.6	

Screwdriver Bits Set-52pcs



ITEM CODE	SPECIFICATION
STEEL TOOLS	Size(mm)
WD1502-52	Soft extension bar: 130mm
	Extension bar: 100mm
	PARTS BOX: (Included screwdriver bits ●Y0.8 and ●1.5)
	MINI WRENCH: ●M4.0 ●M4.5 ●M5.0 ●M5.5
	SOCKET: ●M2.5 ●M3.0 ●M3.5 ●M4.0
	●M4.5 ●M5.0 ●M5.5
	Bits Model: ●T3 ●T9 ●H1.5 ●1.0
	●T4 ●T10 ●H2.0 ●1.5
	●T5 ●T15 ●H2.5 ●2.0
	●T6 ●T20 ●H3.0 ●2.5
	●T7 ●H0.9 ●H3.5 ●3.0
	●T8 ●H1.3 ●H4.0 ●3.5
	●2.0 ●Y2.0 ●Y0.8 ●4.0
	●1.0 ●1.5 ●2.0 ●2.5
	●3.5 ●1.5 ●U2.6 ●0.8
	●0.8

Screwdriver Bits Set-73pcs



ITEM CODE	SPECIFICATION
STEEL TOOLS	Size(mm)
WD1504-73	S-2 BITS(H4*28mm)
	●H0.9 ●H1.3 ●H1.5 ●H2.0
	●H2.5 ●H3.0 ●H3.5 ●H4.0
	●H4.5 ●H5.0 ●H6.0
	●T2 ●T3 ●T4 ●T5
	●T6 ●T7 ●T8 ●T9
	●T10 ●T15 ●T20
	●1.0 ●1.5 ●2.0 ●2.5
	●3.0 ●3.5
	●1.0 ●1.5 ●2.0 ●2.5
	●3.0 ●3.5
	●Y0.8 ●Y2.0 ●Y2.5 ●Y3.0
	●0.8 ●1.2 ●1.5 ●2.0
	●SQ0 ●SQ1 ●SQ2
	●2.0 ●2.3 ●1.5
	S-2 BITS(H4*45mm)
	●3.5 ●2.0 ●T10 ●T2.6
	●Y2.5 ●2.3
	SOCKET(H4*28mm)
	●M2.5 ●M3.0 ●M3.5 ●M4.0
	●M4.5 ●M5.0 ●M5.5
	●M4.5

Screwdriver Bits Set-62pcs



ITEM CODE	SPECIFICATION
STEEL TOOLS	Size(mm)
WD1505-62	Accessories:
	●H0.9 ●H1.3 ●H1.5 ●H2.0
	●H2.5 ●H3.0 ●H3.5 ●H4.0
	●H4.5 ●H5.0 ●H6.0
	●T2 ●T3 ●T4 ●T5
	●T6 ●T7 ●T8 ●T9
	●T10 ●T15 ●T20
	●1.0 ●1.5 ●2.0 ●2.5
	●3.0 ●3.5
	●Y0.8 ●Y2.0 ●Y2.5 ●Y3.0
	●0.8 ●1.2 ●1.5 ●2.0
	●2.0 ●2.3 ●3.0
	●M2.5 ●M3.0 ●M3.5 ●M4.0
	●M4.5 ●M5.0 ●T2.6 ●1.5
	H6.3 to H4.0 Connector X 1
	H4.0 to H6.3 Connector X 1
	Double-head Opening Tool X 2
	Precision Spudger X 1
	4 X 130mm Multi-angle Flexible Extension
	Curved Tip Tweezers X 1

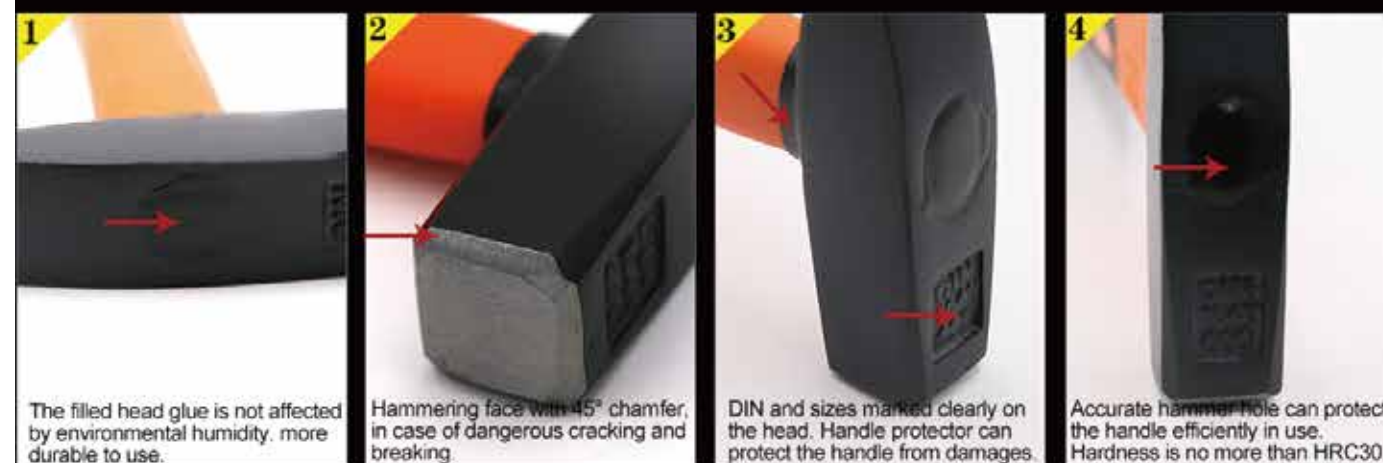
PROFESSIONAL TOOLS

GERMANY TYPE MACHINIST'S HAMMER WITH PLASTIC COATING HANDLE



MULCH-FUNCTIONAL HAMMER MAKES YOU A TALENT

VARIOUS SPECIFICATIONS CAN BE CHOSE ACCORDING TO YOUR NEEDS



American Type Claw Hammer
With Plastic Coating Handle



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(oz)	L(mm)	PC(Box)	Carton Size(cm)	STEEL TOOLS
WD651-16	16	320	36	45*39*21	27/26

American Type Ball Pein Hammer
With Plastic Coating Handle



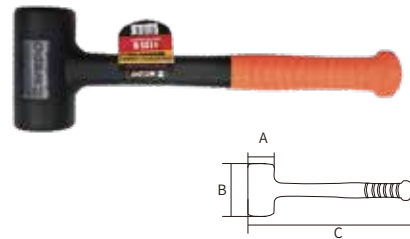
ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(oz)	L(mm)	PC(Box)	Carton Size(cm)	STEEL TOOLS
WD659-08	1	320	36	38*36*21	26/25
WD659-10	1.5	320	24	42*27*25	25/24
WD659-12	2	340	24	44*29*28	30/29
WD659-14	2.5	340	18	48*44*17	27/26
WD659-16	3	340	18	48*46*18	32/31

German Type Machinist Hammer
With Plastic Coating Handle



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(oz)	L(mm)	PC(Box)	Carton Size(cm)	STEEL TOOLS
WD662-04	200	280	120	56*33*28	32/30
WD662-08	400	300	60	63*36*19	32/30
WD662-10	500	320	48	54*38*21	30/29
WD662-14	800	350	36	45*41*24	35/34
WD662-16	1000	360	24	43*31*26	29/28

Rubber Shockproof Hammer



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size(oz)	A(mm)	B(mm)	C(mm)	STEEL TOOLS
WD693-1002	1	35	90	290	450
WD693-1004	1.5	45	90	305	675
WD693-1006	2.5	55	105	360	1125
WD693-1008	3.5	65	125	380	1575

Sledge Hammer With Plastic Coating Handle



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(oz)	L(mm)	PC(Box)	Carton Size(cm)	STEEL TOOLS
WD678-02	2	258	24	30*21.5*22.5	28.5/27.5
WD678-03	3	297	6	40*12.5*13.5	9/8
WD678-04	4	385	6	44*13.5*14.5	13/12
WD678-06	6	894	4	98*17.5*11	15/14
WD678-08	8	894	4	98*18.5*13	17/16
WD678-10	10	894	4	98*18.5*13	21/20
WD678-12	12	894	4	99*20*13.5	24.5/23.5
WD678-14	14	894	4	99*21*13.5	28/27
WD678-16	16	894	4	100.5*21.5*14.5	31/30
WD678-18	18	894	2	100*23.5*8	19/18
WD678-20	20	894	2	100*23.5*8	20.5/19.5

Rubber Hammer With Wooden Handle



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(oz)	Pc(Box)	Carton Size(cm)	STEEL TOOLS
WD694-16	16oz	40	31X40x44	21/20
WD694-24	24oz	30	36x41x39	24/23

Claw hammer with Tubular steel handle



ITEM CODE	SPECIFICATION		N.W. (kg)
STEEL TOOLS	Size(oz)	L(mm)	STEEL TOOLS
WEDO291-8	8	258	0.35
WEDO291-12	12	282	0.45
WEDO291-16	16	322	0.65

Rubber hammer with wooden handle



ITEM CODE	SPECIFICATION			N.W. (g)
STEEL TOOLS	Size(oz)	L(mm)	L ₁ (mm)	STEEL TOOLS
WEDO295-16	16	315	96	667
WEDO295-24	24	331	115	833

Dead Blow hammer with hickory handle



ITEM CODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Φ	L	L ₁	PC(Box)	STEEL TOOLS
WEDO296-30	30	320	100	6/24	11
WEDO296-35	35	325	110	6/24	12
WEDO296-40	40	380	125	6/24	21
WEDO296-50	50	380	130	6/12	14
WEDO296-60	60	400	140	4/12	18.5

Masonry Chisel



ITEM CODE	SPECIFICATION	N.W. (kg)
STEEL TOOLS	Size	STEEL TOOLS
WEDO281-1	8"×16×55mm	0.50
WEDO281-2	8"×22×100mm	0.75

Flat Chisel-Industrial grade



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Size(inch)	L(mm)	PC(Box)	STEEL TOOLS
WEDO281-6	6"	150	120	16.1
WEDO281-8	8"	200	72	16.8
WEDO281-10	10"	250	48	20.5
WEDO281-12	12"	300	48	24.5

Point Chisel with sheath



ITEM CODE	SPECIFICATION	N.W. (kg)
STEEL TOOLS	Size(mm)	STEEL TOOLS
WEDO282-1	11"×16	0.6

Flat Chisel with sheath



ITEM CODE	SPECIFICATION	N.W. (kg)
STEEL TOOLS	Size(mm)	STEEL TOOLS
WEDO283-1	11"×16	0.6

Flat Chisel



ITEM CODE	SPECIFICATION		
STEEL TOOLS	L(mm)	a(mm)	b(mm)
WEDO284-02	130	12	10
WEDO284-04	150	15	12
WEDO284-06	175	18	14

Cape punch



ITEM CODE	SPECIFICATION		
STEEL TOOLS	L(mm)	a(mm)	b(mm)
WEDO2861-02	130	5	10

13PC Punch Set



ITEM CODE	SPECIFICATION	
STEEL TOOLS	TYPE	Size(mm)
WEDO2871-S13	Center Punch	4*120
	Center Punch	5*150
	Pin punch	2*150
	Pin punch	3*150
	Pin punch	4*150
	Pin punch	5*150
	Pin punch	6*150
	Pin punch	8*150
	Tapet punch	3*120
	Flat Chisel	12*130
	Flat Chisel	15*150
	Flat Chisel	18*175
	Cape punch	5*130

Center Punch



ITEM CODE	SPECIFICATION		
STEEL TOOLS	L(mm)	a(mm)	b(mm)
WEDO2851-02	120	4	10
WEDO2851-04	150	5	12

Pin punch



ITEM CODE	SPECIFICATION		
STEEL TOOLS	L(mm)	a(mm)	b(mm)
WEDO2852-02	150	2	10
WEDO2852-04	150	3	10
WEDO2852-06	150	4	10
WEDO2852-08	150	5	10
WEDO2852-10	150	6	12
WEDO2852-12	150	8	12

Tapet punch



ITEM CODE	SPECIFICATION		
STEEL TOOLS	L(mm)	a(mm)	b(mm)
WEDO2853-02	120	3	8

Center Punch

It is mainly used in mechanical maintenance, installation, construction, auto repair and other industries, with the function of positioning and marking before opening.

Pin Punch

It is mainly used in mechanical maintenance, installation, bicycle, motorcycle, automobile maintenance and other industries, namely, where pins need to be used. The tolerance of each pin punching end is strictly controlled to make sure it matches the size of the corresponding pin well.

Tapet Punch

It is mainly used in mechanical maintenance, installation, bicycles, motorcycles, automobile maintenance and other industries, namely, where the pin (tapet pin) needs to be used. The tolerance of each pin punching end is strictly controlled to make sure it matches the size of the corresponding pin well. In addition, the tapet punch can also be used for reaming.

Flat Chisel

It is mainly used for slotting, welding slag removal, shaping and engraving in various industries such as mechanical maintenance, installation, construction, automobile repair, rock engineering and coagulation engineering and so on.

Cape Punch

5PC Punch Set



ITEM CODE	SPECIFICATION	
STEEL TOOLS	TYPE	Size(mm)
WEDO2872-S5	Center Punch	4*120
	Tapet punch	3*120
	Pin punch	4*150
	Cape punch	5*130
	Flat Chisel	12*130

Three Jaws Puller-Industrial Grade



CR-V

ITEMCODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(mm)	Scope(mm)	Opening Capacity (mm)	Pc(Box)	STEEL TOOLS
WD822-03	75	100	15-80	50	27/28.5
WD822-04	100	138	20-100	30	32/33
WD822-06	150	175	20-127	24	34/35
WD822-08	200	215	25-160	12	31/31.5
WD822-10	250	295	30-210	6	30/31
WD822-12	300	335	30-260	4	30/30.5

Two Leg Gear Puller



ITEMCODE	SPECIFICATION	N.W. (kg)
STEEL TOOLS	Maximum Opening of Inner Part (Length*Height) mm	STEEL TOOLS
WD828-1002	350x300	12
WD828-1004	160x300	16

6PC Pin Punch Set



ITEM CODE	SPECIFICATION	
STEEL TOOLS	TYPE	Size(mm)
WEDO2873-S6	Pin punch	2*150
		3*150
		4*150
		5*150
		6*150
		8*150

Two Jaws Puller-Industrial Grade



CR-V

ITEMCODE	SPECIFICATION				N.W. (kg)
STEEL TOOLS	Size(mm)	Scope(mm)	Opening Capacity (mm)	Pc(Box)	STEEL TOOLS
WD821-03	75	100	15-80	50	21/22
WD821-04	100	138	20-100	30	24.5/25.5
WD821-06	150	175	20-127	24	24.5/25.5
WD821-08	200	215	25-160	12	21.5/22.5
WD821-10	250	295	30-210	6	20.5/21.5
WD821-12	300	335	30-260	4	18/19

Double end Nail Puller (V type)



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size(inch)	L (mm)	W (mm)	H (mm)	STEEL TOOLS
WEDO2725-8	8"	200	55	10	250
WEDO2725-10	10"	250	65	10	361
WEDO2725-12	12"	300	75	15	480

3PC Flat Chisel Set



ITEM CODE	SPECIFICATION	
STEEL TOOLS	TYPE	Size(mm)
WEDO2874-S3	Flat Chisel	20*200mm
		22*250mm
		25*300mm

Two Leg Gear Puller



ITEMCODE	SPECIFICATION	N.W. (kg)
STEEL TOOLS	Maximum Opening of Inner Part (Length*Height) mm	STEEL TOOLS
WD827-1002	90x100 /1#	1.1
WD827-1004	130x100 /2#	1.3
WD827-1006	160x150 /3#	2.8
WD827-1008	200x150/4#	3.3
WD827-1010	250x200 /5#	7.2
WD827-1012	350x200	9.7

Nail Puller with Scraper (V type)



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Size(inch)	L (mm)	W (mm)	H (mm)	STEEL TOOLS
WEDO2726-8	8"	200	55	10	250
WEDO2726-10	10"	250	65	10	361
WEDO2726-12	12"	300	75	15	480

Flat Bar Pinch



ITEM CODE	SPECIFICATION	N.W. (kg)
STEEL TOOLS	Size(inch)	STEEL TOOLS
WEDO271-8	8"	0.15
WEDO271-10	10"	0.40
WEDO271-15	15"	0.60

High Pressure Grease Gun



ITEM CODE	SPECIFICATION	PC(Box)
STEEL TOOLS	Capacity	STEEL TOOLS
WD826-04	400cc	10
WD826-06	600cc	10
WD826-08	800cc	8

Callipers



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Measuring (mm)	Division value (mm)	Accuracy (mm)	STEEL TOOLS	
WD5001-150	0-150	0.02	±0.03	270	
WD5001-200	0-200	0.02	±0.03	344	
WD5001-300	0-300	0.02	±0.03	790	

Tape Measures



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	Size	STEEL TOOLS
WD771-02	3m×16mm	93
WD771-04	5m×19mm	169
WD771-08	7.5m×25mm	302

Levelling Instrument



ITEM CODE	SPECIFICATION	N.W. (g)
STEEL TOOLS	Size(cm)	STEEL TOOLS
WD783-02	30	167
WD783-04	40	217
WD783-06	50	267
WD783-08	60	350
WD783-10	80	434
WD783-12	100	534
WD783-14	120	634

Digital-display Callipers



ITEM CODE	SPECIFICATION				N.W. (g)
STEEL TOOLS	Measuring (mm)	Division value (mm)	Accuracy (mm)	STEEL TOOLS	
WW5002-150	0-150	0.01	±0.03	173	

Fiberglass measuring tape



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	Tape Dia. (mm)	STEEL TOOLS
WEDO781-20	20m×15mm	145	380
WEDO781-30	30m×15mm	160	510
WEDO781-50	50m×15mm	210	760

Long Steel Measuring Tape



ITEM CODE	SPECIFICATION		N.W. (g)
STEEL TOOLS	Size	Tape Dia. (mm)	STEEL TOOLS
WEDO782-20	20m×13mm	115	423
WEDO782-30	30m×13mm	115	572
WEDO782-50	50m×13mm	138	814



Hydraulic Gear Pullers,Integral Type



ITEM CODE	SPECIFICATION			N.W. (kg)
STEEL TOOLS	Rated Output (T)	Max.Stroke (mm)	Max.Spread (mm)	STEEL TOOLS
WD853-5	5	50	200	7.5
WD853-10	10	60	250	11
WD853-20	20	70	350	19
WD853-30	30	70	400	25
WD853-50	50	60	500	45

Hydraulic Pipe Benders



ITEM CODE	SPECIFICATION		
STEEL TOOLS	Capacity(T)	Max.stroke(mm)	Bending Range(mm)
WD895A-1A	6	150	Φ16-Φ33

SPECIFICATION			
Bending Formers	Wall thickness of pipe(mm)	Volume(mm)	G.W.(KG)
3/8",1/2",3/4",1"	1.5-3.5	430*380*130	16

Manual Pipe Benders



ITEM CODE	SPECIFICATION		
STEEL TOOLS	Bending Formers(mm)	Bending Formers(μ)	Bending Formers(μ)
WD899A-25S	Φ10-Φ25	3/8",1/2",9/16",5/8",3/4",7/8",1"	10,12,14,16,19,22,25

SPECIFICATION		
Wall Thickness of Pipe	Volume(mm)	G.W.(KG)
0.8-2	660*460*180	27.6

Hydraulic Crimping



ITEM CODE	DESCRIPTION	SPECIFICATION
STEEL TOOLS		
WD877-300	Max.pressure/ (T)	12
	Max.stroke/ (mm)	18
	Crimping range/ (mm)	16-300
	Size of standard dies/ (mm)	16,25,35,50,70,95,120,150,185,240,300
	Crimp pattern	Hexagonal type
	N.W. (kg)/G.W.	8.4
	Volume/ (mm)	550*250*140

Hydraulic Rebar Cutters



ITEM CODE	DESCRIPTION	SPECIFICATION
STEEL TOOLS		
WD887-20	Tonnage/ (T)	10
	Cutting range/ (mm)	4-20
	N.W. (kg)/G.W.	5
	Volume/ (mm)	(1/4)530*390*230

Flange Spreaders



WD892-8



WD892-10

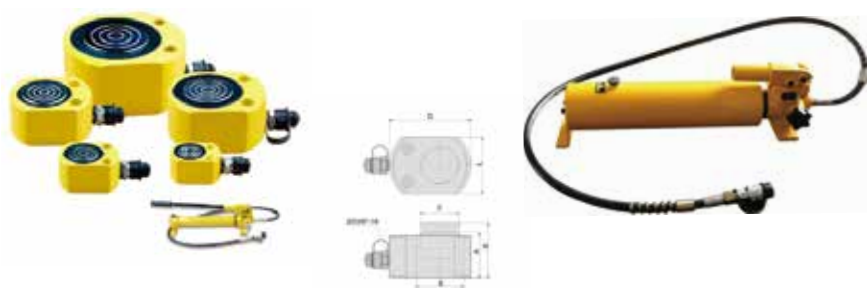


WD892-1481

ITEM CODE	SPECIFICATION	
STEEL TOOLS	Max.Spreading Force Ton	Tip Clearance(mm)
WD892-8	8	6
WD892-10	10	6
WD892-1481	14	6

SPECIFICATION			
Max.Spread(mm)	Type	Oil Capacitycm³	G.W.(KG)
77	Mechanical Type	-	10.4
81	Hydraulic Type	70	11.5
81	Hydraulic Type	70	10.2

Low Height Hydraulic Cylinders



ITEM CODE	SPECIFICATION									N.W. (kg)
STEEL TOOLS	Tonnage(T)	Stroke(mm)	Oil Capacity(cm³)	Matching pump	Closed Height A (mm)	Extended Height B (mm)	Outside Dia D*L (mm)	Inside Dia E (mm)	Piston Dia F (mm)	STEEL TOOLS
WD862-10B	10	10	16	WD856-700C	48	58	83*60	45	38	1.6
WD862-20B	20	11	34	WD856-700C	56	67	99*76	60	50	2.7
WD862-30B	30	13	55	WD856-700C	62	75	123*98	75	64	4.6
WD862-50B	50	16	101	WD856-700C	72	88	148*120	95	70	7.8
WD862-100B	100	16	200	WD856-700	91	107	188*160	135	100	16.8
WD862-150B	150	16	342	WD856-700	100	116	215*190	165	115	27
WD862-200B	200	20	567	WD856-700	110	130	255*244	190	135	42

Hand Pumps



ITEM CODE	Working Pressure		Flow Rate(L/min)		SPECIFICATION		G.W (kg)
STEEL TOOLS	Low Pressure Stage	Low Pressure Stage	Low Pressure Stage	Low Pressure Stage	Oil Capacity (L)	Volume(mm)	
WD856-700	20	700	13	1.6	1000/700	730*190*190	12
WD856-700A	20	700	13	2.3	3200/2700	820*180*180	14
WD856-700B	20	700	13	2.3	1000/700	750*180*270	13
WD856-700C	20	700	8	1.8	600/350	600*160*170	6.5

Hydraulic Cylinders Series



ITEM CODE	SPECIFICATION									G.W (kg)
STEEL TOOLS	Tonnage(T)	Stroke(mm)	Oil Capacity (cm³)	Matching pump	Closed Height A (mm)	Extended Height B (mm)	Outside Dia D*L (mm)	Inside Dia E (mm)	Piston Dia F (mm)	
WD863-1050	10	50	85	WD856-700C	122	172	68	45	36	3.1
WD863-10100	10	100	169	WD856-700C	172	272				4.4
WD863-10150	10	150	254	WD856-700C	222	372				5.7
WD863-2050	20	50	157	WD856-700C	126	176	78	60	45	4
WD863-20100	20	100	311	WD856-700	176	276				5.3
WD863-20150	20	150	465	WD856-700	226	376				6.6
WD863-3050	30	50	237	WD856-700C	137	187	103	75	65	7.9
WD863-30100	30	100	471	WD856-700	187	287				10.7
WD863-30150	30	150	705	WD856-700A	237	387				13.5
WD863-5050	50	50	389	WD856-700	147	197	123	95	70	11.6
WD863-50100	50	100	768	WD856-700A	197	297				14.9
WD863-50150	50	150	1147	WD856-700A	247	397				18
WD863-10050	100	50	779	WD856-700A	182	232	168	135	90	25.7
WD863-100100	100	100	1530	WD856-700A	232	332				30.6
WD863-100150	100	150	2281	WD856-700A	282	432				35.5
WD863-15050	150	50	1133	WD856-700A	182	232	205	165	115	43
WD863-150100	150	100	2237	WD856-700A	232	332				53
WD863-150150	150	150	3342	WD859-630A	282	432				63
WD863-20050	200	50	1500	WD856-700A	202	252	228	190	135	60
WD863-200100	200	100	2953	WD859-630A	252	352				71
WD863-200150	200	150	4406	WD859-630A	302	452				83
WD863-25050	250	50	1815	WD859-630A	248	298	270	215	180	105
WD863-250150	250	150	5446	WD859-630A	348	498				142
WD863-250300	250	300	10892	WD859-630A	498	798				196
WD863-30050	300	50	2262	WD859-630A	267	317	285	240	200	126
WD863-300150	300	150	6786	WD859-630M	367	517				165
WD863-300300	300	300	13572	WD859-630M	517	817				224
WD863-40050	400	50	2863	WD859-630M	315	365	325	270	220	195
WD863-400150	400	150	8588	WD859-630M	415	565				245
WD863-400300	400	300	17177	WD859-630M	565	865				318
WD863-50050	500	50	3653	WD859-630M	345	395	373	305	250	283
WD863-500150	500	150	10959	WD859-630M	445	595				349
WD863-500300	500	300	21918	WD859-630M	595	895				451
WD863-60050	600	50	4276	WD859-630M	371	421	402	330	270	354
WD863-600150	600	150	12829	WD859-630M	471	621				431
WD863-600300	600	300	25659	WD859-630M	621	921				546
WD863-80050	800	50	5973	WD859-630M	424	474	472	390	320	560
WD863-800150	800	150	17919	WD859-630M	524	674				665
WD863-800300	800	300	35838	WD859-630M	674	974				825
WD863-100050	1000	50	7261	WD859-630M	477	527	530	430	360	799
WD863-1000150	1000	150	21783	WD859-630M	577	727				937
WD863-1000300	1000	300	43566	WD859-630M	727	1027				1145



ITEM CODE	SPECIFICATION						N.W. (kg)
	Size	ClosedHeight	Extended Height	Height	Greatest Height	STEEL TOOLS	STEEL TOOLS
WD902-02	2T	148	80	60	278		2
WD902-03	3T	175	90	60	325		2.8
WD902-05	5T	185	115	60	360		3.3
WD902-08	8T	195	115	60	370		4.5
WD902-10	10T	195	125	60	385		5
WD902-16	16T	215	140	60	425		7
WD902-20	20T	235	145	60	440		8.16
WD902-32	32T	255	150		405		11.8
WD902-50	50T	300					30



Superior Quality, Strong Load-bearing

Hydraulic pump body / Enhanced tonnage/ Thickened steel plate/ Stable structure/ Wide application

INDUSTRIAL-GRADE OIL PUMP
AMAZINGLY EASY TO LIFT

Heavy duty hydraulic jack • Heavy duty low profile hydraulic jack • Aluminum alloy low profile hydraulic jack



Heavy duty hydraulic jack

Heavy duty low profile hydraulic jack

Aluminum alloy low profile hydraulic jack



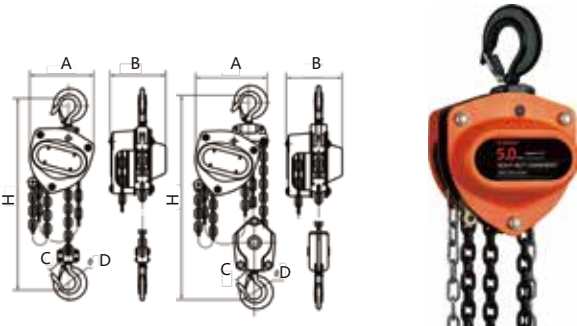
ITEM CODE	SPECIFICATION			N.W. (kg)
	Rated load (T)	Lifting capacity (mm)	Product size (mm)	STEEL TOOLS
WEDO771	3	120-460	695X345X165	31

ITEM CODE	SPECIFICATION			N.W. (kg)
	Rated load (T)	Lifting capacity (mm)	Product size (mm)	STEEL TOOLS
WEDO772	3	82-500	740X345X160	35

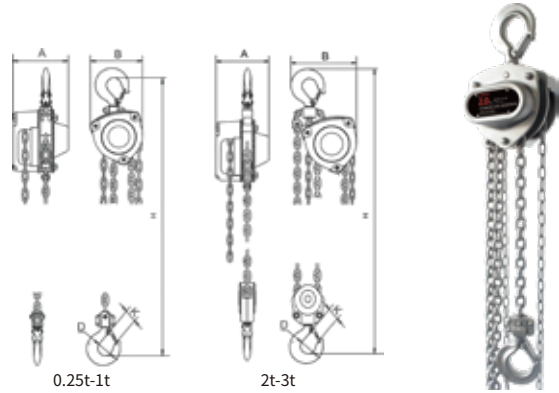
ITEM CODE	SPECIFICATION			N.W. (kg)
	Rated load (T)	Lifting capacity (mm)	Product size (mm)	STEEL TOOLS
WEDO773	1.5	85-470	740X345X160	19

Heavy Duty Chain Hoist

- Use high-strength soft hooks with safety bayonet cable clamps to effectively prevent breakage and decoupling;
- High mechanical efficiency and small hand pulling force;
- Symmetrical double pawl design ensures reliable braking effect;
- The outer shell has high rigidity and strong resistance to falling and deformation;
- The interior adopts integral bearings, which is easy to disassemble and maintain;



ITEM CODE	SPECIFICATION										N.W. (kg)
	Capacity(T)	Standard lift(m)	NO.of rows	Φ×pitch	Hand pull(N)	A(mm)	B(mm)	C(mm)	D(mm)	H min(mm)	STEEL TOOLS
WEDO7731-02	1	3	1	6×18	250	172	151	26	40	360	12
WEDO7731-04	1	6	1	6×18	250	172	151	26	40	360	16.8
WEDO7731-06	2	3	1	8×24	340	210	175	34	50	470	19.5
WEDO7731-08	2	6	1	8×24	340	210	175	34	50	470	26.2
WEDO7731-10	3	3	2	7×21	280	230	173	37	55	580	24.4
WEDO7731-12	3	6	2	7×21	280	230	173	37	55	580	33.4
WEDO7731-14	5	3	2	10×30	390	280	189	46	65	640	41.6
WEDO7731-16	5	6	2	10×30	390	280	189	46	65	640	57.3



- Made of stainless steel;
- Automatic Double Pawl Braking System;
- Asbestos Free Friction Disc;
- All parts are designed and made as per standards of 1500 cycles life test.

ITEM CODE	SPECIFICATION											N.W. (kg)
	Capacity(T)	Standard lift(m)	Effort required to lift rated load(N)	Diameter of load chain(mm)	Strands of load chain	A (mm)	B (mm)	D (mm)	K (mm)	H (mm)	STEEL TOOLS	STEEL TOOLS
WEDO7732-02	0.25	3	200	4.0	1	105	109	32	27	250		4.0
WEDO7732-04	0.5	3	200	7.1	1	152	160	41	27	350		12.4
WEDO7732-06	1.0	3	300	7.1	1	152	160	50	29	370		12.8
WEDO7732-08	2.0	3	310	7.1	2	152	185	51	38	475		19.2
WEDO7732-10	3.0	3	320	9.0	2	167	230	57	41	565		31.4

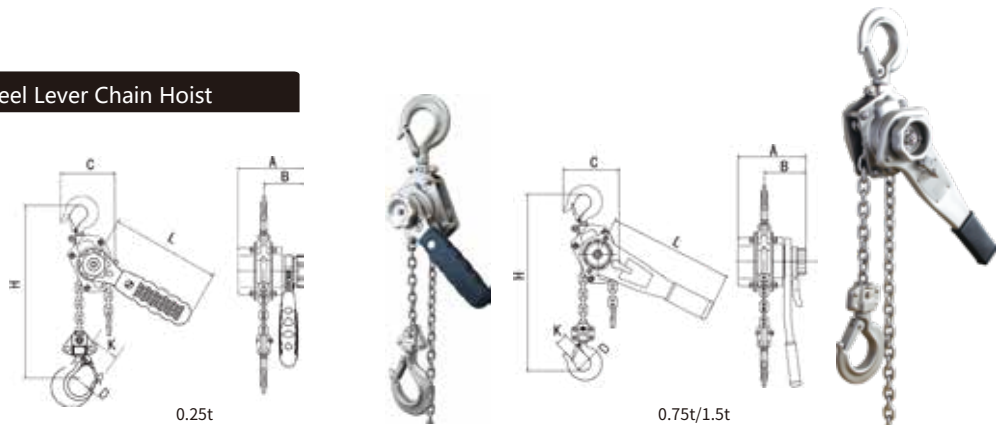
Heavy Duty Lever Chain Hoist



- Use high-strength soft hooks with safety bayonet cable clamps to effectively prevent breakage and decoupling;
- Aluminum alloy handwheel, comfortable in hand and light in weight;
- The handle is designed with reinforced ribs and has strong resistance to falling;
- The interior adopts integral bearings, which is easy to disassemble and maintain;

ITEM CODE	SPECIFICATION											N.W. (kg)
	Lifting capacity(T)	Lifting height(m)	Φ×pitch(mm)	Handle length(mm)	Lever force(N)	A(mm)	B(mm)	C(mm)	Φ(mm)	E(mm)	H min(mm)	STEEL TOOLS
WEDO7736-02	0.75	1.5	6×18	250	200	162	96	140	37	24	350	6.7
WEDO7736-04	0.75	3.0	6×18	250	200	162	96	140	37	24	350	8
WEDO7736-06	1.5	1.5	7×21	340	280	181	99	145	42.5	29	400	10
WEDO7736-08	1.5	3.0	7×21	340	280	181	99	145	42.5	29	400	11.7
WEDO7736-10	3.0	1.5	10×30	280	350	206	112	199	55	40	500	19.3
WEDO7736-12	3.0	3.0	10×30	280	350	206	112	199	55	40	500	22.6

304 Stainless Steel Lever Chain Hoist



ITEM CODE	SPECIFICATION											N.W. (kg)
	Capacity(T)	Standard lift(m)	Effort required to lift rated load(N)	Diameter of load chain(mm)	Strands of load chain	A (mm)	B (mm)	C (mm)	D (mm)	K (mm)	H (mm)	STEEL TOOLS
WEDO7737-02	0.25	1.5	240	4×12	1	99	62	95	35	23.5	160	2.5
WEDO7737-04	0.75	1.5	140	6×18	1	145	85	145	49	30	288	6.3
WEDO7737-06	1.50	1.5	220	8×24	1	167	95	190	55.5	34.5	415	11.0

Aluminium alloy Chain Hoist (360° rotary)



- Compact and portable design;
- Aluminum material, Light weight;
- Enclosed cover, anti-dust, anti-corrosion;
- 360 degree rotating type.

ITEM CODE	SPECIFICATION										G.W (kg)
STEEL TOOLS	Capacity(T)	Standard lift(m)	Effort required to lift rated load(N)	Diameter of load chain(mm)	Strands of load chain	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	STEEL TOOLS
WEDO7751-02	0.25	2.5	160	3.2	1	99	84	245	21	32	2.58
WEDO7751-04	0.5	2.5	200	4	1	115	104	285	22	35	3.96

Aluminium alloy Chain Hoist



- Compact and portable design;
- Aluminum material, Light weight;
- Enclosed cover, anti-dust, anti-corrosion.

ITEM CODE	SPECIFICATION										G.W (kg)
STEEL TOOLS	Capacity(T)	Standard lift(m)	Effort required to lift rated load(N)	Diameter of load chain(mm)	Strands of load chain	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	STEEL TOOLS
WEDO7752-02	0.25	2.5	160	3.2	1	99	84	245	21	32	2.58
WEDO7752-04	0.5	2.5	200	4	1	115	104	285	22	35	3.96

Mini Lever Chain Hoist



- Aluminum construction with light weight;
- Automatic Double Pawl Braking System;
- Asbestos Free Friction Disc;
- One Step Operation for fre wheel;
- 1500 Cycles life test, Meet EN13157, ANSI B30.21, AS1418, JBT7334 Standards.

ITEM CODE	SPECIFICATION												N.W. (kg)
STEEL TOOLS	Capacity(T)	Standard lift(m)	Effort required to lift rated load(N)	Diameter of load chain(mm)	Strands of load chain	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	STEEL TOOLS
WEDO7753-02	0.25	1.5	240	4	1	98	82	250	165	60	36	20.5	2.35
WEDO7753-04	0.5	1.5	240	4	1	98	85	270	165	60	43	23.5	2.5

Multi-functional Tool Bag



WEDO3922	
PRODUCT SIZE	400X220X300MM
PC/BOX	2PCS
GW/CTN(KG)	3.0KG
PACKING SIZE	600X260X550MM

Tool Box



WEDO3947	
PRODUCT SIZE	500X180X190MM
PC/BOX	6PCS
G.W./N.W.(CTN)	19/16.5KG
PACKING SIZE	710X445X450MM

Tool Box



WEDO3948	
PRODUCT SIZE	420X200X160MM
PC/BOX	6PCS
G.W./N.W.(CTN)	14/13KG
PACKING SIZE	450X435X540MM

Tool Box



WEDO3949	
PRODUCT SIZE	350X155X95MM
PC/BOX	12PCS
G.W./N.W.(CTN)	12.5/12KG
PACKING SIZE	525X365X440MM

Tool Box



WEDO3951	
PRODUCT SIZE	470X220X245MM
PC/BOX	1PCS
COLOR	RED
G.W./N.W.(CTN)	5.0/4.5KG
PACKING SIZ	500X240X255MM

Tool Box



WEDO3952	
PRODUCT SIZE	420X200X200MM
PC/BOX	6 PCS
COLOR	BLUE
G.W./N.W.(CTN)	20/18.8KG
PACKING SIZE	450X435X700MM

Tool Box



WEDO3953	
PRODUCT SIZE	425X170X190MM
PC/BOX	6 PCS
COLOR	RED+BLACK
G.W./N.W.(CTN)	16.9/15KG
PACKING SIZE	450X385X650MM

Tool Box



WEDO3954	
PRODUCT SIZE	560X200X210MM
PC/BOX	2 PCS
COLOR	RED+BLACK
G.W./N.W.(CTN)	9.1/8.6KG
PACKING SIZE	610X430X250MM

Tool Box



WEDO3955	
PRODUCT SIZE	330X160X160MM
PC/BOX	12PCS
COLOR	BLUE
G.W./N.W.(CTN)	16.5/15.6KG
PACKING SIZE	520X350X720MM

High-grade Tool Cart



WEDO3956	
PRODUCT SIZE	660X460X850MM
PRODUCT WITH WHEEL SIZE	660X460X1000MM
DRAWER SIZE	575X400X145MM
COLOR	RED

High-grade Tool Cart



WEDO3957	
PRODUCT SIZE	660X460X850MM
PRODUCT WITH WHEEL SIZE	660X460X1000MM
BIG DRAWERS SIZE	575X400X145MM
SMALL DRAWERS SIZE	575X400X65MM
COLOR	RED+BLACK
PC/BOX	1PCS

High-grade Tool Cart



WEDO3958	
PRODUCT SIZE	660X460X850MM
PRODUCT WITH WHEEL SIZE	660X460X1000MM
BIG DRAWERS SIZE	575X400X145MM
SMALL DRAWERS SIZE	575X400X65MM
COLOR	RED+BLACK
PC/BOX	1PCS

High-grade Tool Cart



WEDO3959	
PRODUCT SIZE	660X460X850MM
PRODUCT WITH WHEEL SIZE	660X460X1000MM
BIG DRAWERS SIZE	575X400X145MM
SMALL DRAWERS SIZE	575X400X65MM
COLOR	RED+BLACK
PC/BOX	1PCS

High-grade Tool Cart



WEDO3961	
PRODUCT SIZE	660X460X850MM
PRODUCT WITH WHEEL SIZE	660X460X1000MM
BIG DRAWERS SIZE	575X400X145MM
SMALL DRAWERS SIZE	575X400X65MM
COLOR	RED+BLACK
PC/BOX	1PCS

High-grade Tool Cart



WEDO3962	
PRODUCT SIZE	660X460X850MM
PRODUCT WITH WHEEL SIZE	660X460X1000MM
BIG DRAWERS SIZE	575X400X145MM
SMALL DRAWERS SIZE	575X400X65MM
COLOR	RED+BLACK
PC/BOX	1PCS

High-grade Tool Cart



WEDO3963	
PRODUCT SIZE	616X330X658MM
PRODUCT WITH WHEEL SIZE	616X330X758MM
DRAWER SIZE	507X264X102MM
COLOR	RED
PC/BOX	1PCS
GW/CTN(KG)	27.5/ 25KG
PACKING SIZE	670X393X695MM

High-grade Tool Cart



WEDO3964	
PRODUCT SIZE	800X435X1300MM
PRODUCT WITH WHEEL SIZE	800X435X1425MM
COLOR	RED+BLACK
PC/BOX	1PCS
GW/CTN(KG)	37/ 35KG
PACKING SIZE	850X140X820MM

High-grade Tool Cart



WEDO3965	
PRODUCT SIZE	800X420X800MM
PRODUCT WITH WHEEL SIZE	800X420X920MM
COLOR	RED+BLACK
PC/BOX	1PCS
GW/CTN(KG)	23/ 20.8KG
PACKING SIZE	815X430X180MM

High-grade Tool Cart



WEDO3966	
PRODUCT SIZE	750X350X660MM
PRODUCT WITH WHEEL SIZE	750X350X800MM
COLOR	RED+BLACK
PC/BOX	1PCS
GW/CTN(KG)	13.6/ 11.6KG
PACKING SIZE	740X390X255MM

High-grade Tool Cart



WEDO3968	
PRODUCT SIZE	780X465X820MM
PRODUCT WITH WHEEL SIZE	780X465X975MM
SMALL DRAWERS SIZE	545X395X45MM
BIG DRAWERS SIZE	545X395X125MM
PC/BOX	1 PCS
G.W./N.W.(CTN)	59.5/58KG
PACKING SIZE	820X530X860MM
Overall Load-bearing	330KG

High-grade Tool Cart



WEDO3971	
PRODUCT SIZE	800X480X830MM
PRODUCT WITH WHEEL SIZE	800X480X930MM
BACKBOARD SIZE	785X500MM
DRAWER SIZE	575X410X105MM
SIDE CABINET SIZE	470 × 105X780MM
G.W./N.W.(CTN)	73/71KG
PACKING SIZE	850X530X920MM
OVERALL LOAD-BEARING	350KG

High-grade Tool Cart



WEDO3967	
PRODUCT SIZE	700X350X660MM
PRODUCT WITH WHEEL SIZE	700X350X760MM
COLOR	RED+BLACK, BLUE AVAILABLE
PC/BOX	1PCS
GW/CTN(KG)	15.5/ 14.5KG
PACKING SIZE	705X375X205MM

High-grade Tool Cart



WEDO3969	
PRODUCT SIZE	960X460X690MM
PRODUCT WITH WHEEL SIZE	960X460X810MM
2 DRAWER SIZE	510X410X140MM
3 DRAWER SIZE	510X410X60MM
SIDE CABINET SIZE	300X440X550MM
PC/BOX	1PCS
G.W./N.W.(CTN)	61/57KG
PACKING SIZE	1020X520X730MM
MAXIMUM LOADING BEARING	160KG

The drawer used high-quality slide, durable and stronger. Install partition in the middle of drawer, convenient for tools classified storage.



Practical design: Adopting porous side panel to hang on more tools.

Brushless Impact Wrench



Brushless Impact Screwdriver



ITEM CODE	DESCRIPTION	SPECIFICATION
WW2501-101	Battery pack (Ah)	20V/4Ah
	Drive size	1/2"
	Speed selection	2 speed
	No load speed(rpm)	0-1700/2400
	Impact rate(bpm)	0-2400/3200
	Impact torque(N.m)	290
	Charging time(Min)	70
	Weight(kg)	1.65

ITEM CODE	DESCRIPTION	SPECIFICATION
WW2501-201	Battery pack (V/Ah)	20V/4Ah
	Drive size	1/4"
	Speed selection	2 speed
	No load speed(rpm)	1900rpm/2400bpm
	Impact rate(bpm)	2500rpm/3200bpm
	Impact torque(N.m)	260
	Charging time(Min)	70
	Weight(kg)	1.57

Li-ion Drill



Li-ion Drill



ITEM CODE	DESCRIPTION	SPECIFICATION
WW2501-301	Battery pack (V/Ah)	12V/1.5Ah
	Bit size(mm)	1-10mm
	No-load speed(RPM)	0-400(Low Speed) 0-1500(High Speed)
	Torque selection(rpm)	18+1
	Drilling capacity wood (mm)	30(mm)
	Drilling capacity steel(mm)	8(mm)
	Impact torque(N.m)	31
	Weight(kg)	1.05

ITEM CODE	DESCRIPTION	SPECIFICATION
WW2501-401	Battery pack (V/Ah)	20V/2Ah
	Bit size(mm)	1.5-13mm self-lock
	No-load speed(RPM)	0-500/1700
	Torque selection(rpm)	20+1
	Drilling capacity wood (mm)	40(mm)
	Drilling capacity steel(mm)	13(mm)
	Impact torque(N.m)	40
	Charging time	60
	Weight(kg)	1.2

Dia.35mm Magnetic drilling machine



Dia.50mm Magnetic drilling machine



Dia.120mm Magnetic drilling machine



ITEM CODE	DESCRIPTION	SPECIFICATION
WW2601-35	Parameters	1100W,220V
	Min processing thickness	5mm
	Max drilling depth	50mm
	Max core drilling diameter	35mm
	Stroke	118mm
	Magnetic seat size	167*84*44mm
	Motor height adjustable to	210mm
	Cooling function	Auto Internal Cooling System
	Handle type	19mm
	Max diameter of twist drill	13mm
	Countersunk drilling	10-35mm
	Magnetic suction	10000N
	Load speed	450rpm
	Total weight	10.5kg

ITEM CODE	DESCRIPTION	SPECIFICATION
WW2601-50	Parameters	1500W 220V-240V 50-60Hz
	Max drilling depth	75mm
	Max core drilling diameter	60mm
	Stroke	170mm
	Magnetic seat size	210*100*45mm
	Cooling function	Auto Internal Cooling System
	Spindle type	MT3
	Max diameter of twist drill	32mm
	Magnetic suction	15000N
	Load speed	250/450rpm
	Total weight	19.5KG

ITEM CODE	DESCRIPTION	SPECIFICATION
WW2601-120	Parameters	Motor rated power 2500W 80/125/175/300rpm
	Load speed	MT4
	Spindle	220-240V
	Voltage	50-60Hz
	Power frequency	20000N
	Magnetic suction	120mm
	Max drilling diameter(steel plate drill)	100mm
	Max cut depth of steel plate drill	42mm
	Max drilling diameter(twist drill)	220 mm
	Stroke	(440×250×580) mm
	Whole set size	280mm×115mm
	Magnetic seat size	89dRI
	Noise level	36.5kg
	Total weight	



Variable Speed



CCW Auto-Stop



Super-Torque



Left/Right Turning



Brushless Speed



Built-in LED



WW2501-101

Li-ion Brushless Impact Wrench

No load speed:0-1700/2400 RPM
Impact torque:290(N.m) Bit size: 1/2" square driver
Impact frequency:0/2400/3200 BPM Net Weight:1.65kg



WW2501-201

Li-ion Brushless Impact Driver

No load speed:0-1900/2400 RPM
Impact torque:260(N.m) Bit size: 1/4"square driver
Impact frequency:0/2500/3200 BPM Net Weight:1.57kg



WW2501-301

Li-ion Brushless Driver Drill

No load speed:0-400/1500 RPM Drill Bit Size:1-10mm
Drilling capacity: φ40(wood);φ13(steel) mm
Impact Torque:31N.m Screwing:30(wood);8(steel)mm
Net Weight:1.05kg



WW2501-401

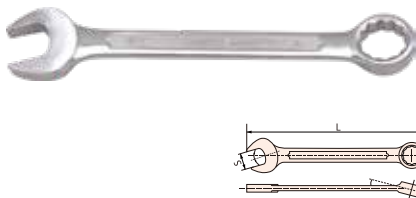
Li-ion Brushless Driver Drill

No load speed:0-500/1700 RPM Drill Bit Size:1.5-13mm
Drilling capacity:φ40(wood);φ13(steel) mm
Impact Torque:40N.m
Net Weight:1.2kg



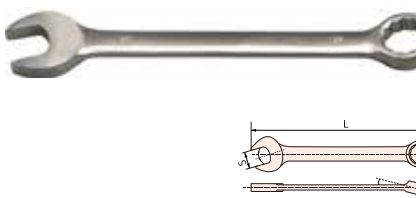


Stainless Wrench,Combination



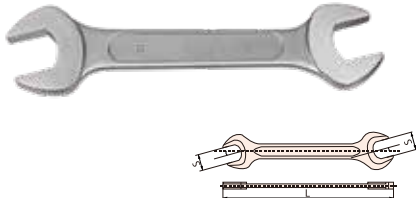
ITEM CODE	SPECIFICATION	N.W. (g)	
STAINLESS	Size(mm)	L(mm)	STAINLESS
ST8101-6	6	105	18
ST8101-7	7	120	40
ST8101-8	8	120	40
ST8101-9	9	135	45
ST8101-10	10	135	45
ST8101-11	11	150	65
ST8101-12	12	150	65
ST8101-13	13	175	90
ST8101-14	14	175	90
ST8101-15	15	195	140
ST8101-16	16	195	140
ST8101-17	17	195	140
ST8101-18	18	215	180
ST8101-19	19	215	180
ST8101-20	20	215	180
ST8101-21	21	245	280
ST8101-22	22	245	280
ST8101-23	23	265	320
ST8101-24	24	265	320
ST8101-25	25	265	320
ST8101-26	26	290	430
ST8101-27	27	290	430
ST8101-30	30	320	530
ST8101-32	32	340	780
ST8101-34	34	360	960
ST8101-36	36	360	960
ST8101-38	38	430	1300
ST8101-41	41	430	1300
ST8101-46	46	480	1760
ST8101-50	50	520	2020
ST8101-55	55	560	2000
ST8101-60	60	595	2920
ST8101-65	65	595	3440

Stainless Wrench, Combination



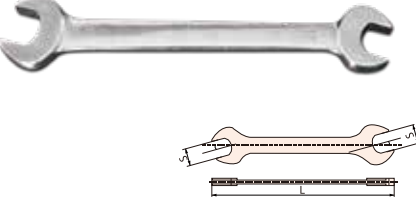
ITEM CODE	SPECIFICATION	N.W. (g)	
STAINLESS	Size(mm)	L(mm)	STAINLESS
ST8101A-6	6	105	18
ST8101A-7	7	120	40
ST8101A-8	8	120	40
ST8101A-9	9	135	45
ST8101A-10	10	135	45
ST8101A-11	11	150	65
ST8101A-12	12	150	65
ST8101A-13	13	175	90
ST8101A-14	14	175	90
ST8101A-15	15	195	140
ST8101A-16	16	195	140
ST8101A-17	17	195	140
ST8101A-18	18	215	180
ST8101A-19	19	215	180
ST8101A-20	20	215	180
ST8101A-21	21	245	280
ST8101A-22	22	245	280
ST8101A-23	23	265	320
ST8101A-24	24	265	320
ST8101A-25	25	265	320
ST8101A-26	26	290	430
ST8101A-27	27	290	430
ST8101A-30	30	320	530
ST8101A-32	32	340	780
ST8101A-34	34	360	960
ST8101A-36	36	360	960
ST8101A-38	38	430	1300
ST8101A-41	41	430	1300
ST8101A-46	46	480	1760
ST8101A-50	50	520	2020
ST8101A-55	55	560	2000
ST8101A-60	60	595	2920
ST8101A-65	65	595	3440

Stainless Wrench,Double Open End




ITEM CODE	SPECIFICATION	N.W. (g)	
STAINLESS	Size(mm)	L(mm)	STAINLESS
ST8102-0607	6*7	92	25
ST8102-0709	7*9	96	28
ST8102-0810	8*10	100	34
ST8102-0911	9*11	110	50
ST8102-1012	10*12	120	60
ST8102-1214	12*14	130	75
ST8102-1417	14*17	150	120
ST8102-1719	17*19	170	150
ST8102-1922	19*22	185	220
ST8102-2224	22*24	210	312
ST8102-2427	24*27	230	345
ST8102-2528	25*28	236	365
ST8102-2730	27*30	250	485
ST8102-3032	30*32	265	610
ST8102-3234	32*34	270	815
ST8102-3236	32*36	300	885
ST8102-3436	34*36	300	885
ST8102-3638	36*38	330	1350
ST8102-3641	36*41	330	1350
ST8102-4146	41*46	360	1690

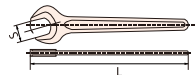
Stainless Wrench,Double Open End



ITEM CODE	SPECIFICATION	N.W. (g)	
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8102A-0607	6*7	120	25
ST8102A-0709	7*9	135	35
ST8102A-0810	8*10	145	45
ST8102A-1012	10*12	165	70
ST8102A-1214	12*14	180	95
ST8102A-1417	14*17	195	120
ST8102A-1719	17*19	210	165
ST8102A-1922	19*22	225	220
ST8102A-2224	22*24	250	312
ST8102A-2427	24*27	270	400
ST8102A-2730	27*30	290	540
ST8102A-3032	30*32	310	740
ST8102A-3236	32*36	330	900
ST8102A-3436	34*36	345	970

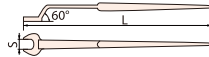


Stainless Wrench, Single Open End



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8103-8	8	95	40
ST8103-10	10	105	50
ST8103-12	12	125	65
ST8103-14	14	140	95
ST8103-17	17	160	105
ST8103-19	19	170	130
ST8103-22	22	195	170
ST8103-24	24	220	190
ST8103-27	27	240	285
ST8103-30	30	260	320
ST8103-32	32	275	400
ST8103-34	34	290	455
ST8103-36	36	310	530
ST8103-41	41	345	615
ST8103-46	46	375	950

Stainless Wrench, Construction Offset Type With Pin



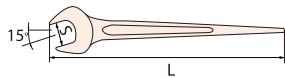
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8105-17	17	320	210
ST8105-19	19	350	320
ST8105-22	22	350	430
ST8105-24	24	370	480
ST8105-27	27	370	640
ST8105-30	30	400	800
ST8105-32	32	400	800
ST8105-36	36	430	950
ST8105-41	41	470	1270
ST8105-46	46	500	1600

Stainless Wrench, Double Box Offset



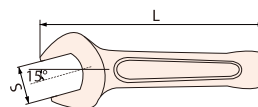
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size(mm)	L(mm)	STAINLESS
ST8107A-0810	8*10	190	55
ST8107A-1012	10*12	200	85
ST8107A-1214	12*14	220	151
ST8107A-1417	14*17	255	205
ST8107A-1719	17*19	280	225
ST8107A-1922	19*22	300	310
ST8107A-1924	19*24	320	355
ST8107A-2224	22*24	330	455
ST8107A-2427	24*27	340	520
ST8107A-2730	27*30	350	705
ST8107A-3032	30*32	370	805
ST8107A-3236	32*36	430	1145
ST8107A-3641	36*41	470	1600

Stainless Wrench, Construction With Pin



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8104-17	17	320	210
ST8104-19	19	350	320
ST8104-22	22	350	430
ST8104-24	24	370	480
ST8104-27	27	370	640
ST8104-30	30	400	800
ST8104-32	32	400	800
ST8104-36	36	430	950
ST8104-41	41	470	1270
ST8104-46	46	500	1600

Stainless Wrench, Striking Open



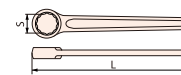
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8106-17	17	125	150
ST8106-19	19	125	150
ST8106-22	22	135	195
ST8106-24	24	150	245
ST8106-27	27	175	335
ST8106-30	30	190	435
ST8106-32	32	190	515
ST8106-36	36	210	800
ST8106-41	41	230	955
ST8106-46	46	250	1225
ST8106-50	50	275	1560
ST8106-55	55	305	1850
ST8106-60	60	315	2190
ST8106-65	65	335	3060

Stainless Wrench, Double Flat Box



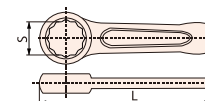
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S ₁ *S ₂ (mm)	L(mm)	STAINLESS
ST8108-0810	8*10	115	32
ST8108-0911	9*11	125	37
ST8108-1012	10*12	140	55
ST8108-1214	12*14	145	70
ST8108-1417	14*17	165	100
ST8108-1719	17*19	185	132
ST8108-1922	19*22	200	180
ST8108-2224	22*24	220	240
ST8108-2427	24*27	255	320
ST8108-2730	27*30	280	385
ST8108-3032	30*32	295	465
ST8108-3036	30*36	330	600
ST8108-3641	36*41	365	935

Stainless Wrench, Single Box



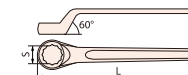
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8109-8	8	110	40
ST8109-10	10	120	50
ST8109-12	12	130	65
ST8109-14	14	140	90
ST8109-17	17	155	105
ST8109-19	19	170	130
ST8109-22	22	190	175
ST8109-24	24	215	220
ST8109-27	27	230	270
ST8109-30	30	255	370
ST8109-32	32	265	425
ST8109-36	36	295	550
ST8109-41	41	330	825
ST8109-46	46	365	1120
ST8109-50	50	400	1270
ST8109-55	55	445	1590
ST8109-60	60	474	1850
ST8109-65	65	510	2060

Stainless Wrench, Single Bent Box



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8110-10	10	119	45
ST8110-12	12	151	50
ST8110-14	14	151	60
ST8110-16	16	174	90
ST8110-17	17	174	90
ST8110-19	19	207	195
ST8110-22	22	207	180
ST8110-24	24	250	300
ST8110-27	27	250	270
ST8110-30	30	295	420
ST8110-32	32	295	420
ST8110-34	34	307	600
ST8110-36	36	307	600
ST8110-38	38	340	830
ST8110-41	41	340	810
ST8110-46	46	370	930
ST8110-50	50	400	1300
ST8110-55	55	430	1650
ST8110-60	60	450	2100
ST8110-65	65	470	2360

Stainless Wrench, Single Box Offset

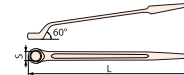


ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8111-22	22	190	185
ST8111-24	24	215	235
ST8111-27	27	230	270
ST8111-30	30	255	430
ST8111-32	32	265	450
ST8111-36	36	295	610
ST8111-41	41	330	855
ST8111-46	46	365	1000

Stainless Wrench, Striking Box

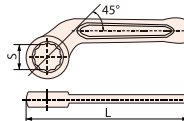


Stainless Wrench, Construction



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8112-14	14	270	145
ST8112-17	17	310	200
ST8112-19	19	330	250
ST8112-22	22	350	320
ST8112-24	24	370	400
ST8112-27	27	400	500
ST8112-30	30	430	730
ST8112-32	32	430	700
ST8112-36	36	460	900
ST8112-41	41	490	1090
ST8112-46	46	520	1560

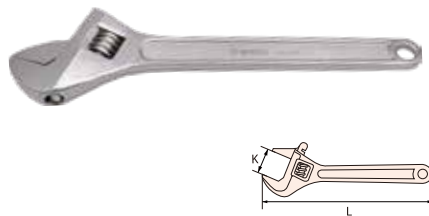
Stainless Wrench, Striking Box Bent



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8113-17	17	145	210
ST8113-19	19	145	210
ST8113-22	22	155	235
ST8113-24	24	165	235
ST8113-27	27	175	350
ST8113-30	30	185	475
ST8113-32	32	185	490
ST8113-34	34	200	540
ST8113-36	36	205	580
ST8113-38	38	215	680
ST8113-41	41	225	755
ST8113-46	46	235	990
ST8113-50	50	250	1145
ST8113-55	55	265	1440
ST8113-60	60	274	1620
ST8113-65	65	298	1995
ST8113-70	70	320	2435
ST8113-75	75	326	3010
ST8113-80	80	350	3600

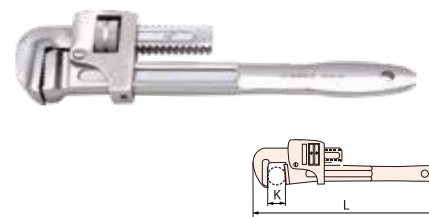
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8114-24	24	160	280
ST8114-27	27	175	370
ST8114-30	30	190	525
ST8114-32	32	190	500
ST8114-36	36	210	630
ST8114-41	41	225	750
ST8114-46	46	240	1160
ST8114-50	50	255	1240
ST8114-55	55	270	1450
ST8114-60	60	285	1820
ST8114-65	65	300	2645
ST8114-70	70	320	2960

Stainless Wrench,Adjustable



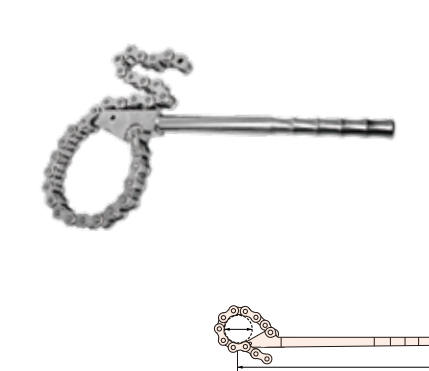
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	Kmax(mm)	STAINLESS
ST8115-1002	100	13	40
ST8115-1004	150	18	145
ST8115-1006	200	24	265
ST8115-1008	250	30	410
ST8115-1010	300	36	650
ST8115-1012	375	46	1410
ST8115-1014	450	55	2070
ST8115-1016	600	60	4705

Stainless Wrench,Pipe(British Type)



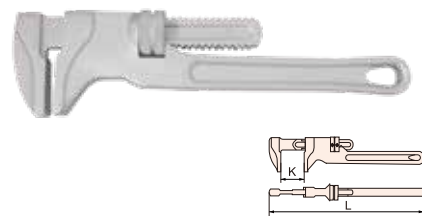
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	Kmax(mm)	STAINLESS
ST8116A-1002	250	30	550
ST8116A-1004	300	40	820
ST8116A-1006	350	50	1100
ST8116A-1008	450	60	1700
ST8116A-1010	600	75	2710
ST8116A-1012	900	100	4950

Stainless Chain Wrench



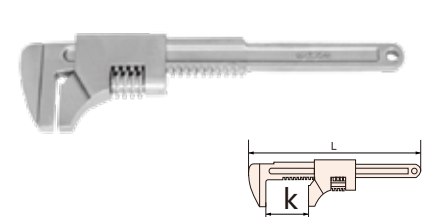
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	D(mm)	STAINLESS
ST8117A-1002	600	100	2000
ST8117A-1004	600	200	2500
ST8117A-1006	900	300	4500
ST8117A-1008	900	400	5200

Stainless Wrench,Monkey



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	Kmax(mm)	STAINLESS
ST8118-1002	240	45	510
ST8118-1004	254	48	615
ST8118-1006	305	58	910
ST8118-1008	350	65	1220
ST8118-1010	380	70	1465

Stainless Motor Wrench



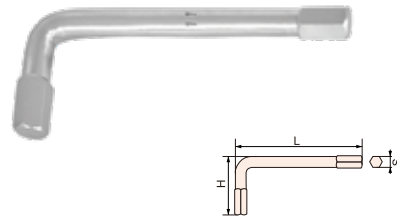
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Kmax(mm)	L(mm)	STAINLESS
ST8119-62	62	250	575
ST8119-78	78	280	860
ST8119-82	82	375	1430

Stainless Wrench T Ball Hex Key



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)		STAINLESS
ST8120A-1002	3		55
ST8120A-1004	4		75
ST8120A-1006	5		85
ST8120A-1008	6		100
ST8120A-1010	7		115
ST8120A-1012	8		125
ST8120A-1014	9		135
ST8120A-1016	10		150

Stainless Wrench,Hex Key



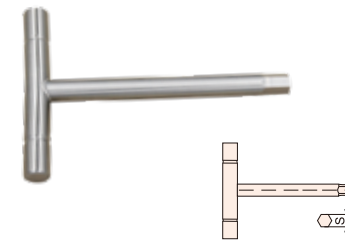
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8120-1.5	1.5	59	8
ST8120-2	2	59	8
ST8120-2.5	2.5	59	8
ST8120-3	3	59	8
ST8120-4	4	65	10
ST8120-5	5	79	16
ST8120-6	6	85	25
ST8120-7	7	88	34
ST8120-8	8	92	50
ST8120-9	9	97	61
ST8120-10	10	110	82
ST8120-11	11	119	100
ST8120-12	12	130	145
ST8120-13	13	140	180
ST8120-14	14	150	211
ST8120-15	15	156	260
ST8120-16	16	162	300
ST8120-17	17	168	370
ST8120-18	18	173	450
ST8120-19	19	177	490
ST8120-21	21	184	652
ST8120-22	22	186	675
ST8120-24	24	192	825
ST8120-25	25	200	925
ST8120-26	26	206	1025
ST8120-27	27	213	1220
ST8120-28	28	222	1350
ST8120-30	30	240	1615
ST8120-32	32	266	2065
ST8120-36	36	294	2905
ST8120-41	41	320	4120

Stainless Wrench,Hex Key



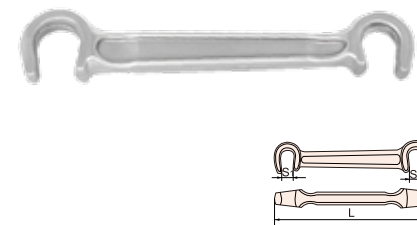
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)		STAINLESS
ST8120B-1002	3		55
ST8120B-1004	4		75
ST8120B-1006	5		85
ST8120B-1008	6		100
ST8120B-1010	7		115
ST8120B-1012	8		125
ST8120B-1014	9		135
ST8120B-1016	10		150

Stainless Wrench T Hex Key



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)		STAINLESS
ST8120C-1002	1.5		50
ST8120C-1004	2		55
ST8120C-1006	2.5		60
ST8120C-1008	3		80
ST8120C-1010	4		100
ST8120C-1012	5		120
ST8120C-1014	6		180
ST8120C-1016	8		220
ST8120C-1018	10		250

Stainless Valve Wrench, C Type



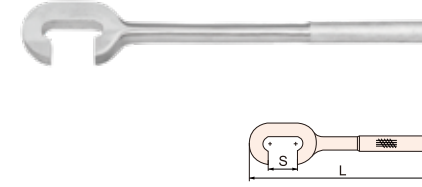
ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L(mm)	S ₁ (mm)	S ₂ (mm)	STAINLESS
ST8121-1002	200	14.5	18.5	370
ST8121-1004	250	17.5	25.5	635

Stainless Wrench,Hook



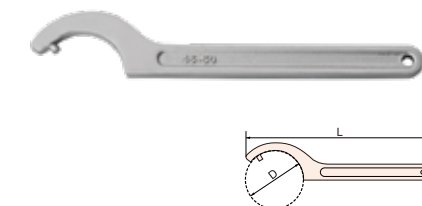
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	D(mm)	L(mm)	STAINLESS
ST8123-1002	30-32	136	60
ST8123-1004	34-36	170	90
ST8123-1006	40-42	170	100
ST8123-1008	45-50	206	150
ST8123-1010	52-55	206	160
ST8123-1012	58-62	242	210
ST8123-1014	68-75	242	250
ST8123-1016	80-90	280	370
ST8123-1018	95-100	280	410
ST8123-1020	110-115	334	700
ST8123-1022	120-130	334	750
ST8123-1024	135-145	383	1050

Stainless Valve Wrench, C Type



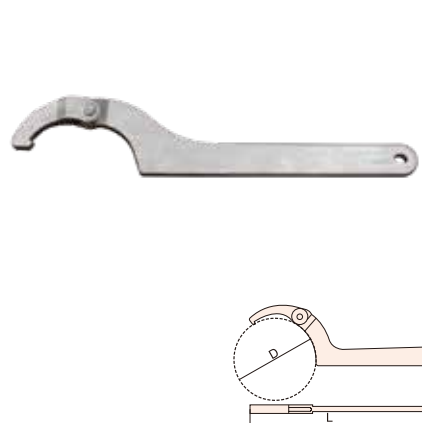
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	S(mm)	STAINLESS
ST8122-1002	450	40	1205

Stainless Hook Wrench With Pin



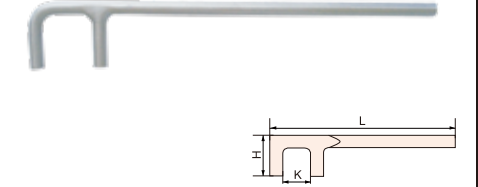
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	D(mm)	L(mm)	STAINLESS
ST8124-1002	30-32	136	63
ST8124-1004	34-36	171	95
ST8124-1006	40-42	171	105
ST8124-1008	45-50	207	160
ST8124-1010	52-55	207	170
ST8124-1012	58-62	243	225
ST8124-1014	68-75	243	265
ST8124-1016	80-90	281	375
ST8124-1018	95-100	281	415
ST8124-1020	110-115	333	770

Stainless Hook Wrench,Adjustable



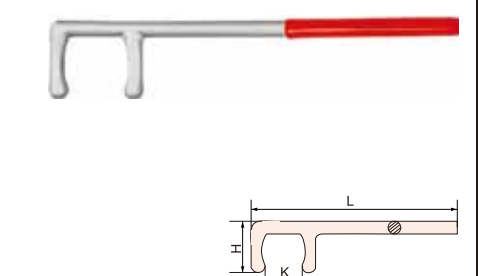
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	D(mm)	L(mm)	STAINLESS
ST8124B-1002	20-35	165	115
ST8124B-1004	35-60	190	150
ST8124B-1006	60-90	280	350
ST8124B-1008	90-155	330	650
ST8124B-1010	155-230	400	1150

Stainless Valve Wrench



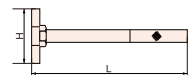
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	K(mm)	L(mm)	STAINLESS
ST8125-30	30	200	280
ST8125-35	35	250	360
ST8125-40	40	300	470
ST8125-45	45	350	520
ST8125-50	50	400	800
ST8125-55	55	450	940
ST8125-60	60	500	1180
ST8125-65	65	550	1320
ST8125-70	70	600	1500
ST8125-75	75	650	1600
ST8125-80	80	700	1700
ST8125-85	85	750	2250
ST8125-90	90	800	2450
ST8125-95	95	850	2550
ST8125-100	100	900	2650

Stainless Valve Wrench



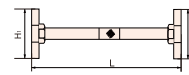
ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	K(mm)	L(mm)	H(mm)	STAINLESS
ST8126-30	30	200	46	265
ST8126-35	35	250	52	375
ST8126-40	40	300	54	450
ST8126-45	45	350	60	585
ST8126-50	50	400	68	740
ST8126-55	55	450	74	830
ST8126-60	60	500	80	1200
ST8126-65	65	550	85	1280
ST8126-70	70	600	88	1380
ST8126-75	75	650	95	1650
ST8126-80	80	700	100	1870
ST8126-85	85	750	100	2090
ST8126-90	90	800	107	2310
ST8126-95	95	900	112	2980
ST8126-100	100	1000	117	3330

Stainless Wrench,Bung



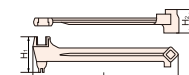
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	H(mm)	STAINLESS
ST8127-1002	300	70	630

Stainless Wrench, Bung



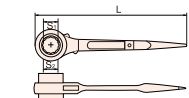
ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L(mm)	H ₁ (mm)	H ₂ (mm)	STAINLESS
ST8128-1002	350	70	95	1165

Stainless Wrench, Bung



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L(mm)	H ₁ (mm)	H ₂ (mm)	STAINLESS
ST8129-1002	385	93	61	1250

Stainless Ratchet Wrench



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L(mm)	S ₁ (mm)	S ₂ (mm)	STAINLESS
ST8130-1417	280	14	17	410
ST8130-1719	310	17	19	450
ST8130-1922	345	19	22	530
ST8130-2224	365	22	24	680
ST8130-2427	380	24	27	860
ST8130-2730	400	27	30	990
ST8130-3032	400	30	32	1025
ST8130-3236	450	32	36	1450
ST8130-3641	495	36	41	1860

Stainless Cabinet Key



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S ₁ *S ₂ *S ₃ (mm)	STAINLESS	
ST8131-1002	8*9*10		290
ST8131-1004	10*12*14		320
ST8131-1006	11*13*15		350
ST8131-1008	12*14*17		385
ST8131-1010	14*17*19		425

Stainless Cabinet Key



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S ₁ *S ₂ *S ₃ *S ₄ (mm)	L(mm)	STAINLESS
ST8132-1002	17*19*21*23	350	1250
ST8132-1004	17*19*22*24	350	1250

Stainless Phillips Screwdriver



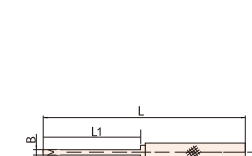
ITEM CODE	SPECIFICATION					N.W. (g)
STAINLESS	L ₁ (inch)	Size	L ₂ (mm)	L ₃ (mm)	Φ(mm)	STAINLESS
ST8202-1002	2	0	50	134	3	35
ST8202-1004	3	1	75	159	4	70
ST8202-1006	4	1	100	205	5	75
ST8202-1008	5	2	125	240	6	100
ST8202-1010	6	2	150	265	6	110
ST8202-1012	8	3	200	327	8	165
ST8202-1014	10	3	250	377	8	185
ST8202-1016	12	4	300	427	9	245
ST8202-1018	14	4	350	477	9	270
ST8202-1020	16	4	400	550	9	295
ST8202-1022	18	4	450	600	9	320

Stainless Slotted Screwdriver



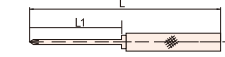
ITEM CODE	SPECIFICATION						N.W. (g)
STAINLESS	L ₁ (inch)	L ₂ (mm)	L ₃ (mm)	H ₁ (mm)	B ₁ (mm)	STAINLESS	
ST8201-1002	2	50	134	0.5	3		35
ST8201-1004	2	50	134	1	4.5		43
ST8201-1006	3	75	159	0.6	3		35
ST8201-1008	3	75	159	0.8	4		45
ST8201-1010	3	75	180	1	5		70
ST8201-1012	4	100	184	0.8	4		45
ST8201-1014	4	100	205	1	5		75
ST8201-1016	4	100	215	1.1	6		85
ST8201-1018	5	125	240	1.1	6		100
ST8201-1020	6	150	265	1.1	6		110
ST8201-1022	6	150	265	1.2	7		125
ST8201-1024	6	150	277	1.2	8		140
ST8201-1026	8	200	327	1.2	8		165
ST8201-1028	10	250	377	1.6	9		185
ST8201-1030	10	250	377	1.8	11		260
ST8201-1032	12	300	427	1.6	10		245
ST8201-1034	12	300	427	1.8	11		290
ST8201-1036	14	350	477	1.8	11		320
ST8201-1038	16	400	550	2	12		450

Stainless Slotted Screwdriver



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L ₁ (mm)	B ₁ (mm)	L ₂ (mm)	STAINLESS
ST8203-1002	50	3	155	255
ST8203-1004	75	4	180	270
ST8203-1006	100	5	205	325
ST8203-1008	150	6	255	340
ST8203-1010	200	8	305	390
ST8203-1012	250	9	370	555
ST8203-1014	300	10	420	650

Stainless Phillips Screwdriver



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L _i (mm)	Size	L(mm)	STAINLESS
ST8204-1002	50	0	155	255
ST8204-1004	75	1	180	270
ST8204-1006	100	1	205	325
ST8204-1008	150	2	255	340
ST8204-1010	200	3	305	390
ST8204-1012	250	3	370	555
ST8204-1014	300	4	420	650

Stainless Stubby Screwdriver



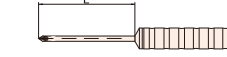
ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L ₁ (mm)	B ₁ (mm)	L ₂ (mm)	STAINLESS
ST8205-1002	38	3	85	140
ST8205-1004	38	4	85	160
ST8205-1006	38	5	85	180
ST8205-1008	38	6	85	190
ST8205-1010	38	8	85	200

Stainless Stainless Slotted Screwdriver



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	B ₁ (mm)	L ₂ (mm)	STAINLESS
ST8206-1002	3	50	200
ST8206-1004	4	75	215
ST8206-1006	5	100	230
ST8206-1008	6	150	250
ST8206-1010	8	200	370
ST8206-1012	10	300	450

Stainless Phillips Screwdriver



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size	L ₁ (mm)	STAINLESS
ST8207-1002	PH0	50	200
ST8207-1004	PH1	75	215
ST8207-1006	PH2	150	250
ST8207-1008	PH3	200	370
ST8207-1010	PH4	300	450

Stainless Stainless Driver Hex Nut



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	B ₁ (mm)	L ₁ (mm)	STAINLESS
ST8208-6	6	90	240
ST8208-8	8	100	245
ST8208-10	10	110	255
ST8208-12	12	110	280
ST8208-14	14	110	300
ST8208-17	17	120	330
ST8208-19	19	130	360
ST8208-22	22	130	380

Stainless Pliers,Lineman



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L ₁ (inch)	L ₂ (mm)	STAINLESS
ST8301-1002	6	150	180
ST8301-1004	7	175	355
ST8301-1006	8	200	465
ST8301-1008	10	250	550

Stainless Pliers,Adjustable Combination



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L ₁ (inch)	L ₂ (mm)	K ₁ (mm)	STAINLESS
ST8302-1002	6	150	8	213
ST8302-1004	8	200	13	380

Stainless Pliers, Diagonal Cutting



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L ₁ (inch)	L ₂ (mm)	STAINLESS
ST8303-1002	6	150	245
ST8303-1004	8	200	410

Stainless Pliers,Snipe Nose



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L ₁ (inch)	L ₂ (mm)	K ₁ (mm)	STAINLESS
ST8304-1002	6	150	54	190
ST8304-1004	8	200	74	335

Stainless Germany Pliers, combination



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L ₁ (mm)		STAINLESS
ST8301A-08	200		325

Stainless Germany Bent Pliers, Lineman



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8301B-08	190	295

Stainless Germany Pliers, Snipe Nose



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8304A-08	200	190

Stainless Germany Bent Pliers, Snipe Nose



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8304B-09	220	295

Stainless Pliers, Slip Joint



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	L(inch)	L(mm)	K _{max} (mm)	STAINLESS
ST8305-1002	10	250	32	365

Stainless Bolt Chipper



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(inch)	L(mm)	STAINLESS
ST8306-1002	8	200	225

Stainless Locking Pliers



ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	Size(inch)	L(mm)	D(mm)	STAINLESS
ST8307-1002	10	225	40	480

Stainless Tweezers, Flat Nose



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8308-1002	150	30
ST8308-1004	200	50

Stainless Forceps And Tweezers



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8309-1002	120	35
ST8309-1004	140	40
ST8309-1006	160	50
ST8309-1008	180	60
ST8309-1010	200	70

Stainless Tweezers



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8310-1002	100	15
ST8310-1004	120	19
ST8310-1006	140	22
ST8310-1008	160	25
ST8310-1010	180	28
ST8310-1012	200	35
ST8310-1014	250	45
ST8310-1016	300	55

Stainless Pliers, Lineman



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8311-1002	150	250
ST8311-1004	180	370
ST8311-1006	200	420

Stainless Pliers, Snipe Nose



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8312-1002	165	185
ST8312-1004	178	210
ST8312-1006	200	230

Stainless Pincers



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8313-1002	180	280

Stainless Pliers, Adjustable Combination



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8314-1002	200	280

Stainless Pliers, Diagonal Cutting



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8315-1002	190	310

Stainless Pliers, Slip Joint



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8317-1002	165	220
ST8317-1004	250	435
ST8317-1006	300	700

Stainless Hammer, Ball Pein



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8401-1002	230	280	340
ST8401-1004	340	280	450
ST8401-1006	450	310	680
ST8401-1008	680	340	910
ST8401-1010	910	350	1130
ST8401-1012	1130	400	1400

Stainless Hammer, Ball Pein



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8401A-1002	230	220	650
ST8401A-1004	340	220	770
ST8401A-1006	450	245	1080
ST8401A-1008	680	280	1450

Hammer, Cutoff(Japan Type)



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8402-1002	250	280	400
ST8402-1004	300	280	460

Stainless Hammer, Cross Pein Engineers'



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8403-1002	500	310	500
ST8403-1004	1000	340	1000
ST8403-1006	1500	400	1500
ST8403-1008	2000	400	2000

Stainless Hammer, Cross Pein Engineers'



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	H(g)	STAINLESS
ST8403A-1002	150	1350
ST8403A-1004	200	2500

Stainless Hammer, Cross Pein Engineers'



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8403B-1002	250	220	500
ST8403B-1004	500	240	900
ST8403B-1006	750	280	1300
ST8403B-1008	400	240	800

Stainless Hammer, Testing



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8404-1002	150	280	270
ST8404-1004	250	280	345

Stainless Hammer, Scaling



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8405-1002	150	280	270
ST8405-1004	300	280	420

Stainless Hammer, Claw



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8406-1002	230	280	405
ST8406-1004	450	300	652
ST8406-1006	680	330	953

Stainless Hammer, Sledge(German Type)



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	H(g)	L(mm)	STAINLESS
ST8408-1002	500	310	500
ST8408-1004	1000	400	1000
ST8408-1006	1500	400	1500
ST8408-1008	2000	400	2000

Stainless Hammer, Sledge



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size(g)	L(mm)	STAINLESS
ST8407-1002	450	310	450
ST8407-1004	1000	400	1000
ST8407-1006	1400	400	1400
ST8407-1008	1500	400	1500
ST8407-1010	1800	400	1800
ST8407-1012	2000	400	2000
ST8407-1014	2200	400	2200
ST8407-1016	2500	700	2500
ST8407-1018	2700	700	2700

Stainless Shovel,Square



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	B(mm)	STAINLESS
ST8409-1002	1400	175	1800
ST8409-1004	1450	240	2200

Stainless Shovel,Round Point



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	L(mm)	B(mm)	STAINLESS
ST8410-1002	1450	240	1553

Stainless Hammer



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size(g)	L(mm)	STAINLESS
ST8411-1002	250	300	320

Stainless Club Hammer



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size(lb)	L(mm)	STAINLESS
ST8412-1002	2	340	1000
ST8412-1004	4	400	2000

Stainless Nylon Hammer



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size(g)	L(mm)	STAINLESS
ST8413-1002	800	350	1500
ST8413-1004	1000	400	2000

Stainless Nylon Hammer



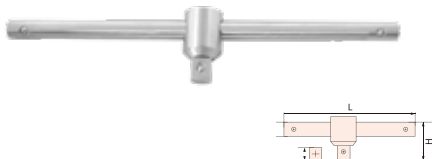
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size(g)	L(mm)	STAINLESS
ST8413A-1002	150	350	350
ST8413A-1004	250	500	500
ST8413A-1006	350	700	700
ST8413A-1008	500	900	900

Stainless Universal Joint



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	C(inch)	L(mm)	STAINLESS
ST8504-1002	1/2	80	186
ST8504-1004	3/4	110	530
ST8504-1006	1	132	1000

Stainless Sliding T Handle



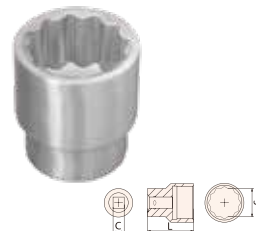
ITEM CODE	SPECIFICATION				N.W. (g)
STAINLESS	C(inch)	L(mm)	H(mm)	Φ(mm)	STAINLESS
ST8505-1002	1/2	250	39	13	340
ST8505-1004	3/4	350	54	19	1070
ST8505-1006	3/4	400	56	21	1335
ST8505-1008	1	400	62	21	1620

Stainless Socket(1/2")



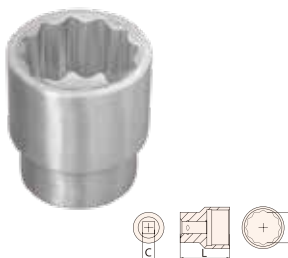
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Size(mm)	L(mm)	STAINLESS
ST8501-6	6	40	75
ST8501-7	7	40	77
ST8501-8	8	40	77
ST8501-9	9	40	78
ST8501-10	10	40	78
ST8501-11	11	40	79
ST8501-12	12	40	79
ST8501-13	13	40	80
ST8501-14	14	40	80
ST8501-15	15	40	94
ST8501-16	16	40	94
ST8501-17	17	40	94
ST8501-18	18	42	94
ST8501-19	19	42	110
ST8501-20	20	42	120
ST8501-21	21	43	125
ST8501-22	22	43	130
ST8501-23	23	43	150
ST8501-24	24	43	165
ST8501-25	25	43	180
ST8501-26	26	43	200
ST8501-27	27	46	215
ST8501-28	28	46	225
ST8501-29	29	46	235
ST8501-30	30	46	250
ST8501-32	32	46	295

Stainless Socket(3/8")



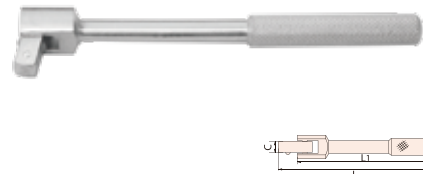
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STAINLESS	S(mm)	L(mm)	STAINLESS
ST8502-5	5	28	35
ST8502-5.5	5.5	28	35
ST8502-6	6	28	35
ST8502-7	7	28	35
ST8502-8	8	28	35
ST8502-9	9	28	35
ST8502-10	10	32	50
ST8502-11	11	32	50
ST8502-12	12	32	50
ST8502-13	13	32	50
ST8502-14	14	32	50
ST8502-15	15	32	53
ST8502-16	16	32	58
ST8502-17	17	32	63
ST8502-19	19	32	68
ST8502-20	20	32	77

Stainless Socket(3/4")



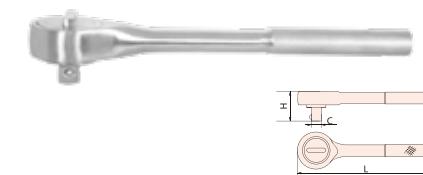
ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	S(mm)	L(mm)	STAINLESS
ST8503-17	17	50	245
ST8503-19	19	50	245
ST8503-21	21	55	265
ST8503-22	22	55	265
ST8503-24	24	55	305
ST8503-26	26	55	305
ST8503-27	27	55	310
ST8503-29	29	55	335
ST8503-30	30	60	350
ST8503-32	32	60	465
ST8503-34	34	60	480
ST8503-35	35	60	500
ST8503-36	36	60	510
ST8503-38	38	60	550
ST8503-41	41	65	660
ST8503-46	46	65	760
ST8503-50	50	70	900

Stainless Hinged Handle



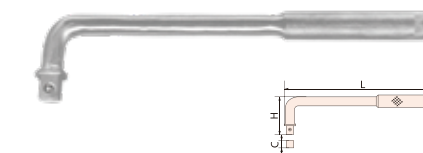
ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	C(inch)	L(mm)	L1(mm)	STAINLESS
ST8506-1002	3/8	190	175	245
ST8506-1004	1/2	250	230	440
ST8506-1006	1/2	320	300	565
ST8506-1008	1/2	400	380	645
ST8506-1010	3/4	286	260	635
ST8506-1012	1	304	270	910

Stainless Ratchet Wrench



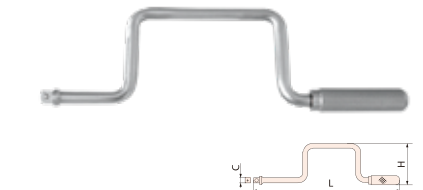
ITEM CODE	SPECIFICATION			N.W. (g)
STAINLESS	C(inch)	L(mm)	H(mm)	STAINLESS
ST8507-1002	3/8	200	30	290
ST8507-1004	1/2	245	43	690
ST8507-1006	3/4	320	57	1570
ST8507-1008	1	550	67	3470

Stainless Offset Handle



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	C(inch)	L(mm)	STAINLESS
ST8508-1002	3/8	200	300
ST8508-1004	1/2	230	400
ST8508-1006	3/4	280	750

Stainless Speed Handle



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	C(inch)	L(mm)	STAINLESS
ST8509-1002	3/8	300	450
ST8509-1004	1/2	390	770

Stainless Flex Socket Wrench



ITEM CODE	SPECIFICATION		N.W. (g)
STAINLESS	Si*S2(mm)	L(mm)	STAINLESS
ST8510-1002	8*9	200	100
ST8510-1004	10*11	210	120
ST8510-1006	12*13	230	170
ST8510-1008	14*15	240	200
ST8510-1010	16*17	250	280
ST8510-1012	18*19	270	390
ST8510-1014	20*22	290	470
ST8510-1016	21*23	290	480
ST8510-1018	24*27	330	760

Stainless 1/2" Dr Socket Set-13pcs



ITEM CODE	SPECIFICATION
ST8511	Socket 8mm, 10mm, 11mm, 12mm, 14mm, 17mm, 19mm, 22mm, 24mm, 27mm Ratchet Wrench 245mm Hinged Handle 250mm Tool Case

Stainless 1/2\"/>



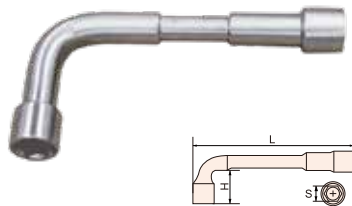
ITEM CODE	SPECIFICATION
ST8512	Socket 10mm, 11mm, 12mm, 14mm, 17mm, 19mm, 22mm, 24mm, 27mm, 30mm, 32mm Ratchet Wrench 245mm Sliding T-Handle 250mm Speed Handle 400mm Driver Extension 125mm, 250mm Tool Case

Stainless 1/2"Dr Socket Set-24pcs



ITEM CODE	SPECIFICATION
STAINLESS	STAINLESS
ST8513	Socket 10mm,11mm,12mm,13mm,14mm,15mm, 16mm,17mm,18mm,19mm,20mm,21mm, 22mm,23mm,24mm,27mm,30mm,32mm Ratchet Wrench 245mm Sliding T-Handle 250mm Speed Handle 400mm Driver Extension 125mm,250mm Universal Joint 80mm Tool Case

Stainless Wrench, Socket L-Type



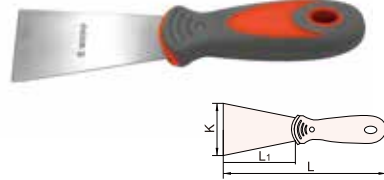
ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	S(mm) L(mm)	STAINLESS
ST8514-6	6 102	60
ST8514-8	8 114	95
ST8514-10	10 129	135
ST8514-12	12 144	180
ST8514-14	14 160	245
ST8514-17	17 187	365
ST8514-19	19 204	525
ST8514-22	22 230	700

Stainless Knife,Common



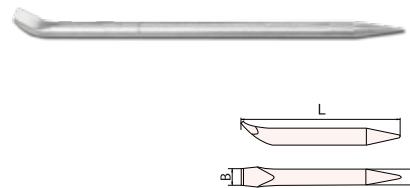
ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L ₁ (mm) L(mm)	STAINLESS
ST8601-1002	80 190	75
ST8601-1004	137 250	95

Stainless Knife,Putty



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	K(mm) L ₁ (mm) L(mm)	STAINLESS
ST8602-1002	25 90 200	75
ST8602-1004	40 90 200	95
ST8602-1006	50 90 200	105
ST8602-1008	65 90 200	115

Stainless Bar,Pinch



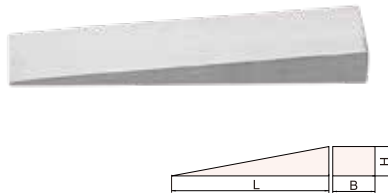
ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm) Φ(mm) B(mm)	STAINLESS
ST8603-1002	500 16 16	800
ST8603-1004	500 18 18	1050
ST8603-1006	500 20 20	1300
ST8603-1008	500 22 22	1570
ST8603-1010	600 25 25	2350
ST8603-1012	800 25 25	3250
ST8603-1014	1000 30 30	5600

Stainless Chisel,Flat



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L ₁ (mm) Φ(mm) B(mm)	STAINLESS
ST8604-1002	160 14 14	175
ST8604-1004	160 16 16	231
ST8604-1006	160 18 18	295
ST8604-1008	200 18 18	382
ST8604-1010	200 20 20	473
ST8604-1012	250 24 24	822
ST8604-1014	300 24 24	1025
ST8604-1016	300 25 25	1302
ST8604-1018	400 25 25	1502
ST8604-1020	500 25 25	1903
ST8604-1022	500 30 30	2730

Stainless Wedge,Flange



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm) B(mm) H(mm)	STAINLESS
ST8605-1002	80 13 6	25
ST8605-1004	100 50 10	201
ST8605-1006	135 50 18	497
ST8605-1008	150 40 8	200
ST8605-1010	150 25 8	122
ST8605-1012	150 25 13	205
ST8605-1014	150 50 13	400
ST8605-1016	180 32 13	305
ST8605-1018	180 50 19	700
ST8605-1020	200 20 30	490
ST8605-1022	200 30 30	740
ST8605-1024	200 40 40	1315
ST8605-1026	200 50 12	500
ST8605-1028	230 40 20	751
ST8605-1030	250 40 30	1230
ST8605-1032	300 50 40	2460

Stainless Hearing Needle



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm) Φ(mm)	STAINLESS
ST8606-1002	250 6	85
ST8606-1004	300 8	150
ST8606-1006	400 7	160
ST8606-1008	500 10	335
ST8606-1010	1000 10	650
ST8606-1012	800 10	525
ST8606-1014	500 8	220



Stainless Bucket



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Size(L) H(mm)	STAINLESS
ST8607-1002	15 280	2000

Stainless Bucket



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Size(L) L(mm)	STAINLESS
ST8608-1002	10 250	1200
ST8608-1004	15 280	1550

Stainless Oil Funnel



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Φ(mm) H(mm)	STAINLESS
ST8609-1002	160 130	260
ST8609-1004	160 150	280

Stainless Bucket



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Size(L) H(mm)	STAINLESS
ST8610-1002	10 300	1680

Stainless Oil Dipper



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Φ(mm) L(mm)	STAINLESS
ST8611-1002	85 350	163

Stainless Portable Oil Pump



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Φ(mm) L(mm)	STAINLESS
ST8612-1002	165 1100	2315

Stainless Dustpan



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm) B(mm) H(mm)	STAINLESS
ST8613-1002	150 130 20	130
ST8613-1004	200 200 50	335
ST8613-1006	270 250 50	635

Stainless Hacksaw



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8617-1002	470	800

Stainless Manual Portable Oil Pump



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8614-1002	1350	3500

Stainless Releasing Static Device



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	L(mm)	STAINLESS
ST8615-1002	1000	2000

Stainless C Clamps



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	S(mm)	STAINLESS
ST8616-1002	50	900
ST8616-1004	75	1100
ST8616-1006	100	1400
ST8616-1008	150	2000
ST8616-1010	200	2700
ST8616-1012	250	3500
ST8616-1014	300	4300

Stainless Sliding Bar Clamp



Stainless Pry Bar(Wrecking Bar)



Stainless Heavy Duty Bench Vise



ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Size(mm)	STAINLESS
ST8618-1002	50*150	450
ST8618-1004	50*200	480
ST8618-1006	80*250	930
ST8618-1008	80*300	1035
ST8618-1010	80*400	1155
ST8618-1012	80*500	1300
ST8618-1014	120*600	2550
ST8618-1016	120*800	3000

ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Size(mm)	STAINLESS
ST8619-1002	450	970
ST8619-1004	500	1100
ST8619-1006	600	1250
ST8619-1008	700	1500
ST8619-1010	750	1650
ST8619-1012	800	1700
ST8619-1014	900	1900

ITEM CODE	SPECIFICATION	N.W. (g)
STAINLESS	Size(mm)	STAINLESS
ST8620-1002	75	6200
ST8620-1004	100	7000
ST8620-1006	150	19500
ST8620-1008	200	29500
ST8620-1010	250	44500

WEDO

STAINLESS STEEL TOOLS

PROFESSIONAL TOOLS MANUFACTURER

WEDO Stainless steel Pliers, Lineman

- For soft and hard wire.
- Long precision cutting edge.
- Clear mark.
- Ergonomics, comfortable to hold.
- Non-slip design.
- Serrated pipe hole for round pieces.
- Knurled jaws flat.
- Quality raw material.

WEDO

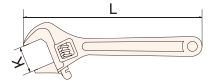
Advantages

TITANIUM TOOLS

Non-Magnetic; Corrosion Resistant;
High Strength; Light-Weighted;
Low Temperature Resistant;
Heat Resistant.

WWW.WEDOTOOLS.COM

Titanium Wrench, Adjustable



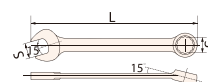
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	Kmax(mm)	TITANIUM
TT5101-1002	150	18	80
TT5101-1004	200	24	170
TT5101-1006	250	30	260
TT5101-1008	300	36	435

Titanium Wrench, Pipe (American Type)



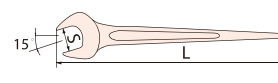
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	Kmax(mm)	TITANIUM
TT5102-1002	200	25	310
TT5102-1004	250	30	520
TT5102-1006	300	40	790
TT5102-1008	350	50	950

Titanium Wrench, Combination



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5103-6	6	105	13
TT5103-8	8	120	20
TT5103-10	10	135	30
TT5103-12	12	150	40
TT5103-14	14	175	55
TT5103-17	17	195	90
TT5103-19	19	215	125
TT5103-22	22	245	170
TT5103-24	24	265	200
TT5103-27	27	290	280
TT5103-30	30	320	400
TT5103-32	32	340	480

Titanium Wrench, Construction With Pin



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5104A-17	17	220	60
TT5104A-19	19	240	80
TT5104A-22	22	260	120
TT5104A-24	24	280	145
TT5104A-27	27	300	200
TT5104A-30	30	320	235

Titanium Wrench, Single Open End



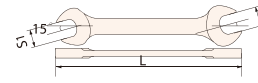
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5105-6	6	75	11
TT5105-8	8	95	14
TT5105-10	10	105	19
TT5105-12	12	125	25
TT5105-14	14	140	35
TT5105-17	17	160	50
TT5105-19	19	170	60
TT5105-22	22	195	95
TT5105-24	24	220	120
TT5105-27	27	240	170
TT5105-30	30	260	220
TT5105-32	32	260	260
TT5105-36	36	310	350

Titanium Wrench, Striking Open



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5106-17	17	125	85
TT5106-19	19	125	80
TT5106-22	22	135	95
TT5106-24	24	150	135
TT5106-27	27	175	230
TT5106-30	30	190	260
TT5106-32	32	190	260
TT5106-36	36	200	370

Titanium Wrench, Double Open End



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S*S ₂ (mm)	L(mm)	TITANIUM
TT5107-0607	6*7	120	13
TT5107-0709	7*9	135	20
TT5107-0810	8*10	145	25
TT5107-1012	10*12	165	40
TT5107-1214	12*14	180	55
TT5107-1417	14*17	195	70
TT5107-1719	17*19	210	95
TT5107-1922	19*22	225	130
TT5107-2224	22*24	250	170
TT5107-2427	24*27	270	230
TT5107-2730	27*30	290	310
TT5107-3032	30*32	310	430

Titanium Wrench, Double Box Offset



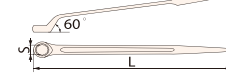
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S*S ₂ (mm)	L(mm)	TITANIUM
TT5108-0810	8*10	190	40
TT5108-1012	10*12	200	48
TT5108-1214	12*14	220	58
TT5108-1417	14*17	255	85
TT5108-1719	17*19	280	100
TT5108-1922	19*22	300	115
TT5108-2224	22*24	330	232
TT5108-2427	24*27	340	260
TT5108-2730	27*30	350	290
TT5108-3032	30*32	370	377

Titanium Wrench, Double Flat Box



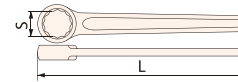
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S*S ₂ (mm)	L(mm)	TITANIUM
TT5109-0709	7*9	115	15
TT5109-0810	8*10	115	15
TT5109-1012	10*12	140	24
TT5109-1214	12*14	145	30
TT5109-1417	14*17	165	50
TT5109-1719	17*19	185	60
TT5109-1922	19*22	200	95
TT5109-2224	22*24	215	105
TT5109-2427	24*27	255	145
TT5109-2730	27*30	280	185
TT5109-3032	30*32	295	220

Titanium Wrench, Construction



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5110-8	8	210	65
TT5110-10	10	230	70
TT5110-12	12	250	88
TT5110-14	14	270	105
TT5110-17	17	310	135
TT5110-19	19	330	165
TT5110-22	22	350	185
TT5110-24	24	370	260
TT5110-27	27	400	320
TT5110-30	30	430	380
TT5110-32	32	430	370
TT5110-36	36	460	525

Titanium Wrench, Single Box



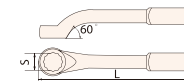
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5111-7	7	110	32
TT5111-8	8	110	30
TT5111-10	10	120	35
TT5111-12	12	130	42
TT5111-14	14	140	55
TT5111-17	17	155	65
TT5111-19	19	170	77
TT5111-22	22	190	115
TT5111-24	24	215	145
TT5111-27	27	230	160
TT5111-30	30	255	225
TT5111-32	32	265	255
TT5111-36	36	295	300

Titanium Wrench, Striking Box



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5112-17	17	145	85
TT5112-19	19	145	80
TT5112-22	22	155	135
TT5112-24	24	165	130
TT5112-27	27	175	175
TT5112-30	30	185	255
TT5112-32	32	185	245
TT5112-36	36	205	315

Titanium Offset Slogging Box Wrench (American Type)



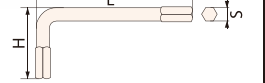
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5113-19	19	220	400
TT5113-22	22	240	522
TT5113-24	24	240	522
TT5113-27	27	270	695
TT5113-30	30	280	815
TT5113-32	32	290	928

Titanium Wrench, T-type Sliding Hex



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5116-8	8	150	140
TT5116-10	10	150	150
TT5116-12	12	170	160
TT5116-14	14	170	220
TT5116-17	17	190	255
TT5116-19	19	220	340

Titanium Wrench, Hex Key

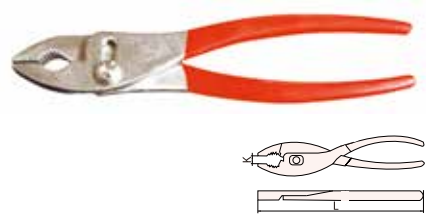


ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	S(mm)	L(mm)	H(mm)	TITANIUM
TT5114-3	3	59	25	4
TT5114-4	4	65	30	8
TT5114-5	5	79	32	12
TT5114-6	6	85	37	15
TT5114-7	7	88	43	18
TT5114-8	8	92	44	24
TT5114-9	9	97	44	32
TT5114-10	10	110	45	42
TT5114-11	11	119	48	58
TT5114-12	12	130	52	76
TT5114-13	13	140	54	100
TT5114-14	14	150	58	115
TT5114-15	15	156	60	145
TT5114-16	16	162	63	170
TT5114-17	17	168	65	205

Titanium Wrench, Hex Key With Ball

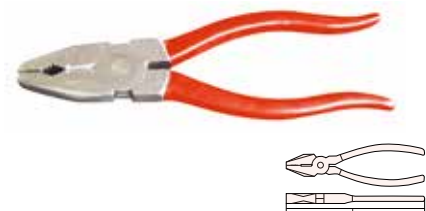


ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	S(mm)	L(mm)	H(mm)	TITANIUM
TT5115-3	3	63	20	3
TT5115-4	4	70	25	7
TT5115-5	5	80	28	12
TT5115-6	6	90	32	17
TT5115-7	7	95	34	28
TT5115-8	8	100	36	32
TT5115-9	9	106	38	47
TT5115-10	10	112	40	55
TT5115-11	11	118	42	78
TT5115-12	12	125	45	90



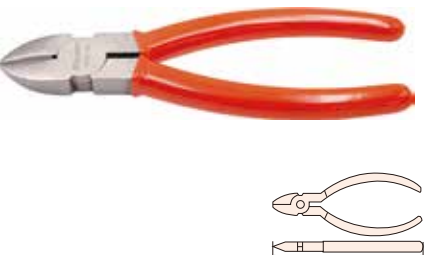
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	K(mm)	TITANIUM
TT5201-1002	150	8	125
TT5201-1004	200	13	180
TT5201-1006	250	16	280

Titanium Pliers,Linemen



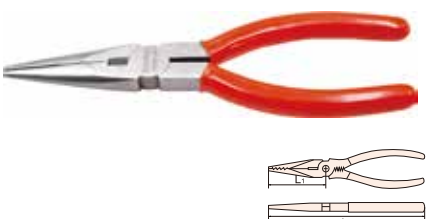
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	TITANIUM	
TT5202-1002	150	220	
TT5202-1004	200	290	

Titanium Pliers,Diagonal Cutting



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	TITANIUM	
TT5203-1002	150	180	
TT5203-1004	200	260	

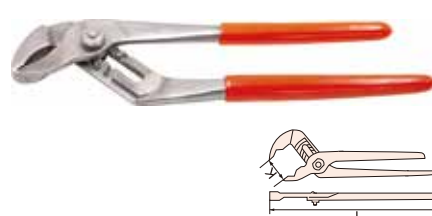
Titanium Pliers,Snipe Nose



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	TITANIUM	
TT5204-1002	150	120	
TT5204-1004	200	200	

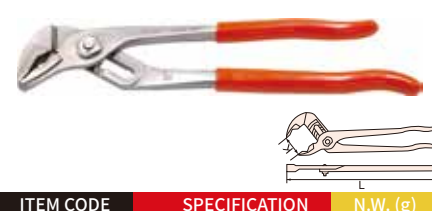
WE THE CRAFTSMEN DO SAFETY FIRST

Titanium Pliers,Groove Joint



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	K(mm)	TITANIUM
TT5205-1002	150	16	80
TT5205-1004	200	25	120
TT5205-1006	250	32	270

Titanium Pliers,Water Pump



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	K(mm)	TITANIUM
TT5206-1002	150	16	75
TT5206-1004	200	25	100
TT5206-1006	250	45	220

Titanium Tweezers,Neat Tips



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(mm)	TITANIUM	
TT5207-1002	150	20	
TT5207-1004	200	28	

Titanium Crimping Tool, Insulated Cable Connectors



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	L(inch)	L(mm)	TITANIUM
TT5208-1002	8	200	130

Titanium Socket(1/2")



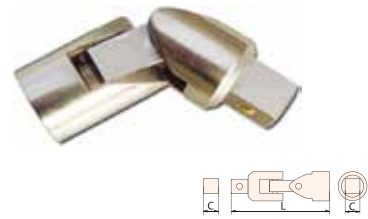
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5301-6	6	40	46
TT5301-8	8	40	47
TT5301-10	10	40	48
TT5301-12	12	40	50
TT5301-14	14	40	52
TT5301-17	17	40	55
TT5301-19	19	42	60
TT5301-22	22	43	65

Titanium Impact Socket(3/4")



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5302-17	17	50	210
TT5302-19	19	50	220
TT5302-22	22	50	230
TT5302-24	24	50	250
TT5302-27	27	50	265
TT5302-30	30	55	280
TT5302-32	32	55	300

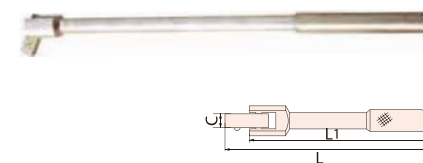
Titanium Universal Joint



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	C(inch)	L(mm)	TITANIUM
TT5303-1002	1/2	80	115
TT5303-1004	3/4	110	300

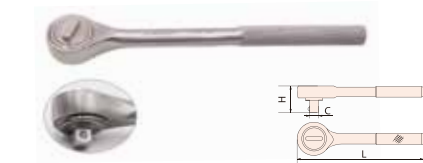
WE THE CRAFTSMEN DO SAFETY FIRST

Titanium Hinged Handle



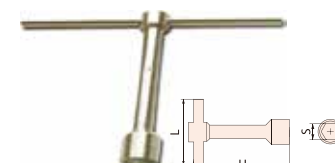
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	C(inch)	L(mm)	TITANIUM
TT5304-1002	3/8	190	138
TT5304-1004	1/2	250	210

Titanium Ratchet Wrench



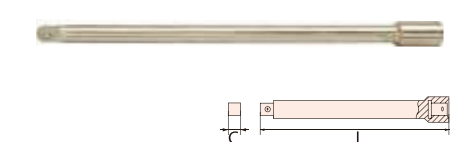
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	C(inch)	L(mm)	TITANIUM
TT5305-1002	3/8	200	140
TT5305-1004	1/2	245	415
TT5305-1006	3/4	320	945

Titanium Sliding T Type Wrench



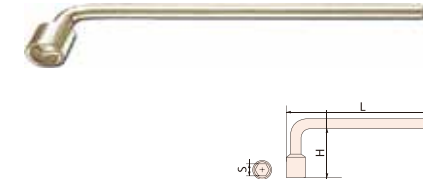
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	S(mm)	L(mm)	TITANIUM
TT5306-6	6	120	80
TT5306-8	8	120	85
TT5306-10	10	130	90
TT5306-12	12	140	115
TT5306-14	14	150	145
TT5306-17	17	170	175
TT5306-19	19	180	300
TT5306-22	22	190	435

Titanium Driver Extension



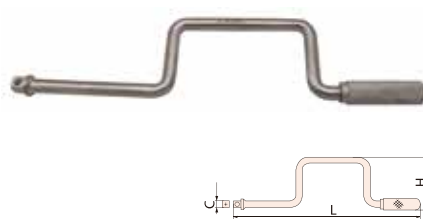
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	C(inch)	L(mm)	TITANIUM
TT5307-1002	3/8	75	55
TT5307-1004	1/2	125	145
TT5307-1006	1/2	250	290
TT5307-1008	3/4	200	520

Titanium Sliding L Type Wrench



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	S(mm)	L(mm)	H(mm)	TITANIUM
TT5308-6	6	120	29	55
TT5308-8	8	145	33	85
TT5308-10	10	168	37	110
TT5308-12	12	215	42	120
TT5308-14	14	245	45	165
TT5308-17	17	260	51	270
TT5308-19	19	270	55	310

Titanium Speed Handle



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	C(inch)	L(mm)	TITANIUM
TT5309-1002	3/8	300	250
TT5309-1004	1/2	390	430

Titanium Knife,Common



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	K(mm)	L(mm)	TITANIUM
TT5401-1002	25	230	75
TT5401-1004	30	250	85
TT5401-1006	35	260	100

Titanium Knife,Putty



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	K(mm)	L(mm)	TITANIUM
TT5402-1002	25	200	65
TT5402-1004	40	200	80
TT5402-1006	50	200	90
TT5402-1008	65	200	100

Titanium Knife,Putty



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	K(mm)	L(mm)	TITANIUM
TT5403-1002	75	200	110
TT5403-1004	100	200	135
TT5403-1006	150	250	210

Titanium Spatula



ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	K(mm)	L(mm)	TITANIUM
TT5404-1002	30	195	65
TT5404-1004	50	210	80
TT5404-1006	75	225	95

Titanium Scraper,Flat



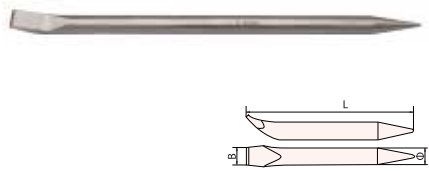
ITEM CODE	SPECIFICATION		N.W. (g)
TITANIUM	K(mm)	L(mm)	TITANIUM
TT5405-1002	30	200	165
TT5405-1004	30	300	255
TT5405-1006	35	350	325

Titanium Chisel,Flat



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	B(mm)	Φ(mm)	L(mm)	TITANIUM
TT5406-1002	10	10	120	45
TT5406-1004	12	12	140	75
TT5406-1006	14	14	160	115
TT5406-1008	16	16	160	150
TT5406-1010	18	18	160	190
TT5406-1012	20	20	200	290
TT5406-1014	22	22	200	355

Titanium Bar,Pinch



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	B(mm)	Φ(mm)	L(mm)	TITANIUM
TT5407-1002	15	15	500	400
TT5407-1004	18	18	600	700
TT5407-1006	20	20	800	1100

Titanium Slotted Screwdriver



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	H(mm)	B(mm)	L(mm)	TITANIUM
TT5501-1002	0.5	3	50	30
TT5501-1004	0.8	4	75	40
TT5501-1006	1	5	100	53
TT5501-1008	1.1	6	150	85
TT5501-1010	1.2	8	200	135

Titanium Phillips Screwdriver



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	Size	Φ(mm)	L(mm)	TITANIUM
TT5502-1002	0	3	50	30
TT5502-1004	1	4	75	40
TT5502-1006	1	5	100	53
TT5502-1008	2	6	150	85
TT5502-1010	3	8	200	135

Titanium Electrician Screwdriver



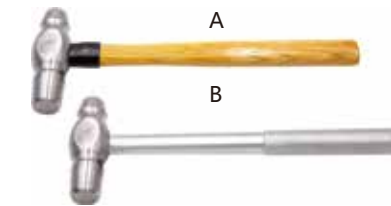
ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	H(mm)	B(mm)	L(mm)	TITANIUM
TT5503-1002	0.4	3	50	30
TT5503-1004	0.6	4	75	40
TT5503-1006	0.8	6	100	75
TT5503-1008	1	8	150	125
TT5503-1010	1.3	10	200	160

Titanium Lock Torque Wrench-Window Display



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	C(inch)	Torque	L(mm)	TITANIUM
TT5504-1002	3/8	10-50	360	420
TT5504-1004	1/2	20-100	405	475
TT5504-1008	1/2	40-200	500	565
TT5504-1010	1/2	60-300	595	645
TT5504-1012	3/4	150-750	1040	2450
TT5504-1014	1	200-1000	1253	4350

Titanium Hammer,Ball Pein



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	Size	L(mm)	TITANIUM	
TT5701A-1002	230g	300	330	
TT5701A-1004	340g	325	440	
TT5701A-1006	450g	365	600	
TT5701A-1008	680g	400	900	

Titanium Hammer,Cross Pein Engineers'



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	H(g)	L(mm)	TITANIUM	
TT5702-1002	230	300	330	
TT5702-1004	340	325	440	
TT5702-1006	450	365	600	
TT5702-1008	500	365	650	
TT5702-1010	600	400	820	

Titanium Hammer,Claw



ITEM CODE	SPECIFICATION			N.W. (g)
TITANIUM	Size(lb)	L(mm)	TITANIUM	
TT5703-1002	3/4	280	520	
TT5703-1004	1	310	660	

Titanium tools Set-21pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5601	Wrench,Combination Wrench,Hex Key Wrench,Socket L-Type Tool Case	6,8,1 0,12,14,17mm 3,4,5,6,7,8,9mm 10,12mm 6,8,10,12,14mm

Titanium tools Set-25pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5602	Double open end wrench Combination wrench WrenchHex Key Diagonal cutting pliers Long nose pliers Socket 3/8" Hinged handle Flat screwdriver Phillips screwdriver L-Type Tool Case	11/16"*3/4" , 9/16"*5/8" , 7/16"*1/2" 10mm, 17mm 3, 4, 5, 6, 7, 8, 9mm, 3/16" , 5/32" , 5/16" 6" 8" 10mm,17mm 3/8*180mm 3*50, 4*100, 8*150 #1*75, #3*150

Titanium tools Set-14pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5603	Internal Hexagon Socket 3/8" Socket 3/8" Wrench, Double open End Driver Extension Torque Wrench 3/8" Tool Case	4*90mm,5*90mm 6*90mm, 8*90mm 13, 15, 17, 19mm 13*15mm, 15*17mm, 17*19mm 3/8"*100mm 3/8"*200mm 5-50Nm

Titanium tools Set-37pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5604	Socket 3/8" Wrench,Double open End Wrench, Hex Key Pliers, Lineman Pliers, Diagonal Cutting Pliers,Snipe Nose Tweezers Neat Tips Hinged Handle Screwdriver Slotted Screwdriver Phillips Wrench,Torx Key Tool Case	10mm 8*10, 10*12, 14*17, 16*18,17*19, 22*24, 13*15mm 2, 2.5, 3, 4, 5, 6, 7, 8 9, 10mm 150mm 150mm 150mm 150mm 3/8"*190mm 4*100mm 8*150mm #1*75mm #3*150mm T7, T8, T9, T10, T15, T20, T25, 127, T30, T40

Titanium tools Set-39pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5605	Wrench, Combination Wrench, Hex Key Pliers, Snipe Nose Pliers, Diagonal Cutting Socket 1/2" Universal Joint Ratchet Wrench Driver Extension Screwdriver Slotted Screwdriver Phillips Tool Case	6, 8, 10, 12, 14mm 3, 4, 5, 6, 7, 8, 9, 10, 11, 12mm 150mm, 200mm 150mm, 200mm 6, 8, 10, 12, 14, 17, 19, 22mm 1/2"*80mm 1/2"*245mm 1/2"*125mm 1/2"*250mm 3*50mm, 4*75mm, 5*100mm, 6*150mm 50, 75, 100, 150mm

Titanium tools Set-30pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5607	Wrench, Hex Key Phillips Screwdriver Slotted Screwdriver Wrench,Combination Wrench,Adjustable Pliers, Groove Joint Pliers, Water Pump Pliers, Snipe Nose Diagonal Cutting Knife, Common Tweezers, Neat Tips Hammer, Ball Pein Tool Case	3,4,5,6,7,8,9mm 50,75,100,150mm 50,75,100,150mm 8,10,12,14,17,19mm 8",10" 10" 10" 8" 8" 230mm 150mm 0.45kg

Titanium tools Set-16pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5606	1/2" Dr. Socket Ratchet Wrench Sliding T Handle Speed Handle Universal Joint Driver Extension Hinged Handle Screwdriver Socket Tool Case	6, 8, 10, 12, 14, 17, 19, 22mm 1/2"*245mm 1/2"*250mm 1/2"*400mm 1/2"*80mm 1/2"*125mm 1/2"*250mm 1/2"

Titanium tools Set-66pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
TT5608	Dr. Socket Ratchet Wrench Double Open End Wrench Double Box Offset Wrench Adjustable Wrench Wrench, Hex Key Slotted Screwdriver Hammer, Ball Pein Pliers, Lineman Pliers, Snipe Nose Phillips Screwdriver Ruler Electrician Knife Hook Wrench Half Round File Triangle File Snap Ring-Internal Pliers Punch Chisel Socket Set Tools Case	13,16,18mm 1/2" 6*7, 8*10, 12*14, 13*16, 14*17, 18*21, 19*22, 24*27, 27*30, 32*36mm 8*10, 11*13, 12*14, 13*16, 18*21, 22*24, 24*27mm 36*300mm 3,4,5,6,7,8,9,10,11, 12,14,17,19mm 8*250mm 1.2*6.5*125mm 0.68kg 200mm 160mm 6*150mm 300mm 2# 68-72mm,90-95mm 200X II 200X II 200mm 18*200mm 18*200mm 1/2"Dr-16Pcs 570*470*200mm



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ITEM	NAME	PAGE	ITEM	NAME	PAGE	ITEM	NAME	PAGE
AL101A	1/4" Dr Socket Set-10pcs	06	AL121	Offset Handle	11	AL146	Wrench, Double Open End	18
BE101A	1/4" Dr Socket Set-10pcs	06	BE121	Offset Handle	11	BE146	Wrench, Double Open End	18
AL101B	1/4" Dr Socket Set-11pcs	06	AL121A	Wrench, Socket L-Type	12	AL146A	Wrench, Double Open End	18
BE101B	1/4" Dr Socket Set-11pcs	06	BE121A	Wrench, Socket L-Type	12	BE146A	Wrench, Double Open End	18
AL101C	3/8" Dr Socket Set-13pcs	06	AL121B	Sliding T Type Wrench	12	AL151	Wrench, Double Box Offset	19
BE101C	3/8" Dr Socket Set-13pcs	06	BE121B	Sliding T Type Wrench	12	BE151	Wrench, Double Box Offset	19
AL101D	1/4" * 3/8" Dr Socket Set-21pcs	06	AL121C	Socket, Double End	12	AL151A	Wrench, Double Box Offset	19
BE101D	1/4" * 3/8" Dr Socket Set-21pcs	06	BE121C	Socket, Double End	12	BE151A	Wrench, Double Box Offset	19
AL101E	1/2" Dr Socket Set-9pcs	06	AL122	Driver Extension	12	AL152A	Wrench, Double Box S Type	19
BE101E	1/2" Dr Socket Set-9pcs	06	BE122	Driver Extension	12	BE152A	Wrench, Double Box S Type	19
AL101F	1/2" Dr Socket Set-13pcs	06	AL122A	Wrench, Socket L-Type	12	AL153A	Wrench, Double Flat Box	19
BE101F	1/2" Dr Socket Set-13pcs	06	BE122A	Wrench, Socket L-Type	12	BE153A	Wrench, Double Flat Box	19
AL101G	1/2" Dr Socket Set-17pcs	06	AL123	Speed Handle	12	AL153B	Flare Nut Open Ring Wrench	19
BE101G	1/2" Dr Socket Set-17pcs	06	BE123	Speed Handle	12	BE153B	Flare Nut Open Ring Wrench	19
AL101H	1/2" Dr Socket Set-24pcs	06	AL124	Driver Type Handle	12	AL154	Wrench, Construction	20
BE101H	1/2" Dr Socket Set-24pcs	06	BE124	Driver Type Handle	12	BE154	Wrench, Construction	20
AL101I	1/2" Dr Socket Set-28pcs	07	AL124A	Labor Saving Wrench	12	AL155	Wrench, Construction	20
BE101I	1/2" Dr Socket Set-28pcs	07	BE124A	Labor Saving Wrench	12	BE155	Wrench, Construction	20
AL101J	1/2" Dr Socket Set-32pcs	07	AL125	Wrench,Adjustable	14	AL156	Wrench, Single Box	20
BE101J	1/2" Dr Socket Set-32pcs	07	BE125	Wrench,Adjustable	14	BE156	Wrench, Single Box	20
AL101K	3/4" Dr Socket Set-14pcs	07	AL125A	Wrench, Adjustable,Plastic Handle	14	AL157	Wrench, Single Bent Box	20
BE101K	3/4" Dr Socket Set-14pcs	07	BE125A	Wrench, Adjustable,Plastic Handle	14	BE157	Wrench, Single Bent Box	20
AL101L	3/4" Dr Socket Set-21pcs	07	AL125D	Wrench, Adjustable	14	AL157A	Wrench,Single Bent Box	20
BE101L	3/4" Dr Socket Set-21pcs	07	BE125D	Wrench, Adjustable	14	BE157A	Wrench,Single Bent Box	20
AL101M	3/4" *1 Dr Socket Set-26pcs	07	AL125E	Wrench, Adjustable	14	AL158	Wrench, Single Box Offset	20
BE101M	3/4" *1 Dr Socket Set-26pcs	07	BE125E	Wrench, Adjustable	14	BE158	Wrench, Single Box Offset	20
AL101N	1" Dr Socket Set-18pcs	07	AL126	Wrench, Adjustable	14	AL159	Wrench, Single Box Convex	21
BE101N	1" Dr Socket Set-18pcs	07	BE126	Wrench, Adjustable	14	BE159	Wrench, Single Box Convex	21
AL102	Socket (C=1/4")	07	AL127	Wrench, Monkey	14	AL159A	Wrench, Single Box Offset	21
BE102	Socket (C=1/4")	07	BE127	Wrench, Monkey	14	BE159A	Wrench, Single Box Offset	21
AL102-1002	Socket (C=1/4")	08	AL127A	Motor Wrench	14	AL160	Wrench, Striking Box	21
BE102-1002	Socket (C=1/4")	08	BE127A	Motor Wrench	14	BE160	Wrench, Striking Box	21
AL103	Socket (C=3/8")	08	AL128	Wrench, Swedish Type 45°	14	AL161	Wrench, Striking Box	21
BE103	Socket (C=3/8")	08	BE128	Wrench, Swedish Type 45°	14	BE161	Wrench, Striking Box	21
AL103-1002	Socket (C=3/8")	08	AL128A	Wrench, Swedish Type	14	AL160B	Safety Handrail for Striking Wrench	21
BE103-1002	Socket (C=3/8")	08	BE128A	Wrench, Swedish Type	14	BE160B	Safety Handrail for Striking Wrench	21
AL104	Socket (C=1/2")	08	AL128B	Wrench, Swedish Type 90°	14	AL162	Wrench, Striking Box	21
BE104	Socket (C=1/2")	08	BE128B	Wrench, Swedish Type 90°	14	BE162	Wrench, Striking Box	21
AL104-1002	Socket (C=1/2")	08	AL129	Wrench, Chain Pipe	14	AL162A	Wrench, Offset Striking Box	22
BE104-1002	Socket (C=1/2")	08	BE129	Wrench, Chain Pipe	14	BE162A	Wrench, Offset Striking Box	22
AL105	Socket (C=3/4")	08	AL129A	Wrench,Light Chain Pipe	15	AL162B	Wrench, Offset Striking Box	22
BE105	Socket (C=3/4")	08	BE129A	Wrench,Light Chain Pipe	15	BE162B	Wrench, Offset Striking Box	22
AL105-1002	Socket (C=3/4")	09	AL129B	Wrench, Belt Pipe	15	AL163	Wrench, Striking Convex Box	22
BE105-1002	Socket (C=3/4")	09	BE129B	Wrench, Belt Pipe	15	BE163	Wrench, Striking Convex Box	22
AL106	Socket (C=1")	09	AL129C	Universal Wrench	15	AL163A	Offset Slogging Box Wrench(American Type)	22
BE106	Socket (C=1")	09	BE129C	Universal Wrench	15	BE163A	Offset Slogging Box Wrench(American Type)	22
AL106-1002	Socket (C=1")	09	AL130	Wrench, Pipe	15	AL164	Wrench, Striking Box Bent	22
BE106-1002	Socket (C=1")	09	BE130	Wrench, Pipe	15	BE164	Wrench, Striking Box Bent	22
AL107	Impact Socket (C=3/4")	09	AL130B	Wrench, Pipe(British Type)	15	AL164A	Ring Wrench For Extension	22
BE107	Impact Socket (C=3/4")	09	BE130B	Wrench, Pipe(British Type)	15	BE164A	Ring Wrench For Extension	22
AL108	Impact Socket (C=1")	09	AL130C	Wrench,Pipe(Germany Light Type)	15	AL164B	Crow Foot Box End	23
BE108	Impact Socket (C=1")	09	BE130C	Wrench,Pipe(Germany Light Type)	15	BE164B	Crow Foot Box End	23
AL109	Impact Socket (C=1-3/16")	09	AL131	Wrench, Pipe(American Type)	15	AL124	Extension for Ring Wrench	23
BE109	Impact Socket (C=1-3/16")	09	BE131	Wrench, Pipe(American Type)	15	BE24	Extension for Ring Wrench	23
AL110	Impact Socket (C=1-1/4")	10	AL131B	Wrench, Pipe(Diagonal Type)	15	AL165	Valve Square Driver	23
BE110	Impact Socket (C=1-1/4")	10	BE131B	Wrench, Pipe(Diagonal Type)	15	BE165	Valve Square Driver	23
AL110A	Impact Socket (C=1-1/2")	10	AL131C	Wrench,Pipe(Bent Type)	15	AL165A	Valve Square Driver	23
BE110A	Impact Socket (C=1-1/2")	10	BE131C	Wrench,Pipe(Bent Type)	15	BE165A	Valve Square Driver	23
AL110B	Impact Socket (C=1/2")	10	AL131D	Wrench,Pipe(Hex Type)	15	AL165B	Split Ball Valve Wrench	23
BE110B	Impact Socket (C=1/2")	10	BE131D	Wrench,Pipe(Hex Type)	15	BE165B	Split Ball Valve Wrench	23
AL110C	Impact Socket (C=1/2" Deep)	10	AL131E	Wrench,Pipe(Bent & Hex Type)	15	AL166	Wrench, Hex Key	23
BE110C	Impact Socket (C=1/2" Deep)	10	BE131E	Wrench,Pipe(Bent & Hex Type)	15	BE166	Wrench, Hex Key	23
AL110D	Impact Socket (C=3/4" Deep)	10	AL135	Wrench, Combination	16	AL167	Wrench, Hex Key	24
BE110D	Impact Socket (C=3/4" Deep)	10	BE135	Wrench, Combination	16	BE167	Wrench, Hex Key	24
AL111	Flex Ball Joint	10	AL135A	Wrench, Combination	16	AL167A	Wrench, Hex Key With Ball	24
BE111	Flex Ball Joint	10	BE135A	Wrench, Combination	16	BE167A	Wrench, Hex Key With Ball	24
AL111A	Internal Hexagon Socket	10	AL136	Wrench, Combination	16	AL167B	Wrench, Hex Key	24
BE111A	Internal Hexagon Socket	10	BE136	Wrench, Combination	16	BE167B	Wrench, Hex Key	24
AL111B	Socket Wrench, Triangular	10	AL136A	Wrench,Combination Ratchet	16	AL167C	Wrench, T Type Hex Key	24
BE111B	Socket Wrench, Triangular	10	BE136A	Wrench,Combination Ratchet	16	BE167C	Wrench, T Type Hex Key	24
AL111C	Spark Plug Socket	10	AL137	Wrench, Combination	16	AL167D	Wrench, Square Key	24
BE111C	Spark Plug Socket	10	BE137	Wrench, Combination	16	BE167D	Wrench, Square Key	24
AL112	Universal Joint	11	AL138	Wrench, Bent Open End	16	AL167E	Torx Key Wrench	24
AL112	Universal Joint	11	BE138	Wrench, Bent Open End	16	BE167E	Torx Key Wrench	24
AL113	Adaptor	11	AL139	Wrench, Construction With Pin	17	AL168	Valve Wrench, C Type	24
BE113	Adaptor	11	BE139	Wrench, Construction With Pin	17	BE168	Valve Wrench, C Type	24
AL114	Screwdriver Socket	11	AL140	Wrench, Single Open End	17	AL169	Valve Wrench, C Type	24
BE114	Screwdriver Socket	11	BE140	Wrench, Single Open End	17	BE169	Valve Wrench, C Type	24
AL115	Ratchet Wrench	11	AL140A	Crow Foot Open End	17	AL170	Valve Wrench, C Type	25
BE115	Ratchet Wrench	11	BE140A	Crow Foot Open End	17	BE170	Valve Wrench, C Type	25
AL116	Sliding T Type Wrench	11	AL140B	Wrench, Construction, Offset Type With Pin	17	AL170A	Valve Spanner(U Type)	25
BE116	Sliding T Type Wrench	11	BE140B	Wrench, Construction, Offset Type With Pin	17	BE170A	Valve Spanner(U Type)	25
AL117	Sliding T Handle	11	AL140C	T-Handle Wrench	17	AL170B	Valve Spanner(U Type)	25
BE117	Sliding T Handle	11	BE140C	T-Handle Wrench	17	BE170B	Valve Spanner(U Type)	25
AL118	Hinged Handle	11	AL140E	Rectangular Open End	17	AL171	Oxygen Bottle Wrench	25
BE118	Hinged Handle	11	BE140E	Rectangular Open End	17	BE171	Oxygen Bottle Wrench	25
AL119	Ratchet Wrench	11	AL141	Wrench,Striking Open	18	AL171B	Wrench, Trigeminal	25
BE119	Ratchet Wrench	11	BE141	Wrench,Striking Open	18	BE171B	Wrench, Trigeminal	25
AL120	Ratchet Wrench	11	AL141-1002	Wrench,Striking Open	18	AL172	Wrench, T-type Sliding Hex	25
BE120	Ratchet Wrench	11	BE141-1002	Wrench,Striking Open	18	BE172	Wrench, T-type Sliding Hex	25
AL120A	Ratchet Wrench	11	AL141B	Wrench, Bent Striking Open	18	AL173	Wrench, Hook	25
BE120A	Ratchet Wrench	11	BE141B	Wrench, Bent Striking Open	18	BE173	Wrench, Hook	25



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ITEM	NAME	PAGE	ITEM	NAME	PAGE	ITEM	NAME	PAGE
AL173A	Wrench, Hook	25	AL191C	Hammer, Sledge(German Type)	31	BE2001	Shovel, Square Long Bent neck with D-handle (American Type)	35
BE173A	Wrench, Hook	25	BE191C	Hammer, Sledge(German Type)	31	AL2002	Shovel, Square Long Bent neck with bronze hoop (American Type)	35
AL173B	Wrench, Adjustable Hook	25	AL191D	Club Hammer	31	BE2002	Shovel, Square Long Bent neck with bronze hoop (American Type)	35
BE173B	Wrench, Adjustable Hook	25	BE191D	Club Hammer	31	AL2003	Shovel, Square Long Bent neck with anti-skid sleeve (American Type)	35
AL173C	Hook Wrench With Pin	25	AL191E	Nylon Hammer	31	BE2003	Shovel, Square Long Bent neck with anti-skid sleeve (American Type)	35
BE173C	Hook Wrench With Pin	25	BE191E	Nylon Hammer	31	AL2004	Shovel, Round Point (plastic D-handle)	35
AL174	Valve Handle	26	AL191F	Nylon Hammer	31	BE2004	Shovel, Round Point (plastic D-handle)	35
BE174	Valve Handle	26	BE191F	Nylon Hammer	31	AL2005	Shovel, Round Point (bronze hoop)	35
AL174A	Valve Handle	26	AL192	Hammer, Testing	31	BE2005	Shovel, Round Point (bronze hoop)	35
BE174A	Valve Handle	26	BE192	Hammer, Testing	31	AL2006	Shovel, Round Point (anti-skid sleeve)	35
AL174B	Valve Handle	26	AL192A	Sledge Hammer	31	BE2006	Shovel, Round Point (anti-skid sleeve)	35
BE174B	Valve Handle	26	BE192A	Sledge Hammer	31	AL2007	Shovel, Round Point Long Type (plastic D-handle)	35
AL175	Valve Handle	26	AL192B	Hammer, Sledge(German Type)	31	BE2007	Shovel, Round Point Long Type (plastic D-handle)	35
BE175	Valve Handle	26	BE192B	Hammer, Sledge(German Type)	31	AL2008	Shovel, Round Point Long Type (bronze hoop)	35
AL176	Valve Handle	26	AL193	Hammer Plumb	31	BE2008	Shovel, Round Point Long Type (bronze hoop)	35
BE176	Valve Handle	26	BE193	Hammer Plumb	31	AL2009	Shovel, Round Point Long Type (anti-skid sleeve)	35
AL176A	Valve Spanner	26	AL195	Axe Fireman	31	BE2009	Shovel, Round Point Long Type (anti-skid sleeve)	35
BE176A	Valve Spanner	26	BE195	Axe Fireman	31	AL2010	Shovel, Round Point With locking Clip (Plastic D-handle)	35
AL176B	Valve Spanner	26	AL196	Axe	31	BE2010	Shovel, Round Point With locking Clip (Plastic D-handle)	35
BE176B	Valve Spanner	26	BE196	Axe	31	AL2011	Shovel, Round Point with locking clip (bronze hoop)	35
AL176C	Valve Spanner	26	AL194	Pick Railroad	32	BE2011	Shovel, Round Point with locking clip (bronze hoop)	35
BE176C	Valve Spanner	26	BE194	Pick Railroad	32	AL2012	Shovel, Round Point with locking clip (anti-skid sleeve)	35
AL176D	Valve Spanner	27	AL194A	Pick Railroad	32	BE2012	Shovel, Round Point with locking clip (anti-skid sleeve)	35
BE176D	Valve Spanner	27	BE194A	Pick Railroad	32	AL2013	Shovel, Round Point With Plastic D-handle (Japanese Type)	36
AL176E	Valve Spanner	27	AL196A	Axe, Pick Head	32	BE2013	Shovel, Round Point With Plastic D-handle (Japanese Type)	36
BE176E	Valve Spanner	27	BE196A	Axe, Pick Head	32	AL2014	Shovel, Round Point with bronze hoop (Japanese Type)	36
AL176F	Valve Spanner	27	AL197	Anvil Block	32	BE2014	Shovel, Round Point with bronze hoop (Japanese Type)	36
BE176F	Valve Spanner	27	BE197	Anvil Block	32	AL2015	Shovel, Round Point with anti-skid sleeve (Japanese Type)	36
AL177	Wrench, Bung	27	AL198	Shovel, Square	32	BE2015	Shovel, Round Point with anti-skid sleeve (Japanese Type)	36
BE177	Wrench, Bung	27	BE198	Shovel, Square	32	AL2016	Shovel, Round Point Long Bent neck	36
AL178	Wrench, Bung	27	AL198A	Shovel, Square	32	BE2016	Shovel, Round Point Long Bent neck	36
BE178	Wrench, Bung	27	BE198A	Shovel, Square	32	AL2017	Shovel, Round Point Long Bent neck (bronze hoop)	36
AL179	Wrench,Bung	27	AL198B	Shovel,Square(Euro Type)	32	BE2017	Shovel, Round Point Long Bent neck (bronze hoop)	36
BE179	Wrench,Bung	27	BE198B	Shovel,Square(Euro Type)	32	AL2018	Shovel, Round Point Long Bent neck (anti-skid sleeve)	36
AL179A	Wrench,Bung	27	AL198C	Shovel,Square With Long Handle	32	BE2018	Shovel, Round Point Long Bent neck (anti-skid sleeve)	36
BE179A	Wrench,Bung	27	BE198C	Shovel,Square With Long Handle	32	AL2019	Shovel, Round Point Long Bent neck	36
AL179B	Wrench,Bung	27	AL199	Dust Pan	32	BE2019	Shovel, Round Point Long Bent neck	36
BE179B	Wrench,Bung	27	BE199	Dust Pan	32	AL2020	Shovel, Round Point Long Bent neck (plastic D-handle)	36
AL179C	Drum Opener	27	AL200A	Shovel,Round Point	32	BE2020	Shovel, Round Point Long Bent neck (plastic D-handle)	36
BE179C	Drum Opener	27	BE200A	Shovel,Round Point	32	AL2021	Shovel, Round Point Long Bent neck (bronze hoop)	36
AL179D	Drum Wrench	27	AL201	Folding Square	32	BE2021	Shovel, Round Point Long Bent neck (bronze hoop)	36
BE179D	Drum Wrench	27	BE201	Folding Square	32	AL2022	Shovel, Round Point Long Bent neck(anti-skid sleeve)	36
AL179E	Pointed Knife, Square Bung	27	AL201C	Shovel,Military	32	BE2022	Shovel, Round Point Long Bent neck(anti-skid sleeve)	36
BE179E	Pointed Knife, Square Bung	27	BE201C	Shovel,Military	32	AL2023	Shovel, Round Point Long Straight neck(plastic D-handle)	36
AL179F	Gas Joint Wrench	28	AL200	Shovel, Round Point	33	BE2023	Shovel, Round Point Long Straight neck(plastic D-handle)	36
BE179F	Gas Joint Wrench	28	BE200	Shovel, Round Point	33	AL2024	Shovel, Round Point Long Straight neck(bronze hoop)	36
AL180A	Ratchet Wrench	28	AL200B	Shovel,Round Point	33	BE2024	Shovel, Round Point Long Straight neck(bronze hoop)	36
BE180A	Ratchet Wrench	28	BE200B	Shovel,Round Point	33	AL2025	Shovel, Round Point Long Straight neck (anti-skid sleeve)	37
AL180B	Ratchet Wrench	28	BR201B	Shovel,Snow	33	BE2025	Shovel, Round Point Long Straight neck (anti-skid sleeve)	37
BE180B	Ratchet Wrench	28	AL201A	Edging Spade	33	AL2026	Dust Pan with plastic D-handle	37
AL181	Ratchet Wrenc	28	BE201A	Edging Spade	33	BE2026	Dust Pan with plastic D-handle	37
BE181	Ratchet Wrenc	28	AL1981	Shovel, Square (plastic D-handle)	33	AL2027	Dust Pan with bronze hoop	37
AL182	Ratchet Wrench	28	BE1981	Shovel, Square (plastic D-handle)	33	BE2027	Dust Pan with bronze hoop	37
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Quality Warranty Clause

If the  tools your purchased cannot be used normally due to the quality problem of the product itself in the normal service, you can replace the same products for free at our authorized agencies with your proof of purchase.

The quality of  products completely accords with American ASME standards, Germany DIN standards or China GB standards.

The warranty does not cover following cases:

- 1.Product does not belong to the trademark of .
- 2.Product damaged or cannot be used normally caused by abnormal use, such as natural wear, artificial damage, unauthorized refit and repair, accidents or misuse of product not following the instructions.
- 3.Product rusted after using, electroplating peeling or scratches on surface, plastic handle damage and packaging damage during using, such as paper boxes, shelves, plastic shell, cards.
4. Other products prescribed by  separately.

If you have any question on the after-service terms of , or you are unsatisfied with the service of out agencies, Please send email to us: info@wedotools.com, or visit our website: www.wedotools.com for more information.

Tips: please use the tools correctly for your safety and that of others.

 Tools reserves the right to final interpretation of this quality warranty clause.

Please use tools safely



Please use tools safely



Please do not knock the handle of common screwdriver with hammer



Please do not put extension handle at the end of wrench (especially the common wrench)



Please do not knock two hammers with each other, lest the burst parts hurt people



Please choose screwdriver of the correct size to drive the screw



Please avoid the tools falling down and hurting people when operating in height



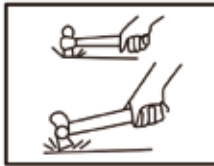
Please do not use a hammer that is loose, lest it falls and hurts people



Please do not knock tools (such as wrench, screwdriver and etc.)with hammer for increasing strength



Please do not knock with the side of hammer, which would shorten the service life of hammer.



Please knock with the hammer surface of head, lest the hammer head bursts.