



WEDO[®]
TOOLS FOR SAFETY

WEDO



TOOLS FOR SAFETY
WE THE CRAFTSMEN DO SAFETY FIRST

HERRAMIENTAS WEDO GmbH

AÑADIR: Ludwig-Richter-Str. 6, D-42329 Wuppertal, Alemania

2025

- ◆ HERRAMIENTAS ANTIPIRCHISPAS
- ◆ HERRAMIENTAS DE TITANIO
- ◆ HERRAMIENTAS AISLADAS HERRAMIENTAS
- ◆ DE ACERO INOXIDABLE RESISTENTES A LA
- ◆ CORROSIÓN HERRAMIENTAS GIGANTES

01.01.2025

HERRAMIENTAS PROFESIONALES



● **CREENCIA:**
 Productos insustituibles. Excelente servicio. Mejora rápida y continua.

INTRODUCCIÓN

WEDOTOOLS como empresa profesional internacional, se especializa en el diseño, la investigación, la fabricación, el procesamiento y la comercialización de herramientas de ferretería. WEDO desarrolla seis series principales de productos, que incluyen herramientas antichispas y antimagnéticas de cobre-berilio, herramientas antichispas de bronce de aluminio, herramientas antimagnéticas de titanio, herramientas de acero inoxidable resistentes a la corrosión, herramientas aisladas VDE y herramientas de acero de grado industrial.

La gama de productos WEDO abarca más de 2000 modelos y más de 30 000 especificaciones. Fabricadas mediante prensas de fricción de gran tamaño y con tecnología de forjado en matriz única, las herramientas WEDO cumplen plenamente con las normas alemanas DIN, estadounidenses ASME y chinas GB. Gracias a un sistema de control de calidad avanzado, WEDO cuenta con su propio centro de análisis físico-químico de aleaciones metálicas, un centro de pruebas de rendimiento mecánico y un laboratorio de inspección magnética y a prueba de explosiones. WEDO ejerce un control estricto en cada proceso, desde la selección de la materia prima hasta el almacenamiento de los productos terminados, garantizando así una tasa de calidad del 100 % antes de su salida de fábrica. WEDO no solo vende y produce en China y Alemania, sino que también exporta a más de 100 países y regiones de todo el mundo. Además, para mejorar aún más la satisfacción del cliente, WEDO ha establecido centros de servicio en Shanghai, Tianjin, Corea, Japón, Rusia, Alemania, Serbia, Singapur, India y Canadá, ofreciendo herramientas manuales seguras e innovadoras y un servicio posventa oportuno a los usuarios finales.

Invitamos sinceramente a personas de todo el mundo a compartir el placer de las herramientas.



[Taller de mecanizado CNC]

[Taller de forja de matrices]

[Almacén de productos semielaborados y accesorios][Almacén de productos en stock]

● **MISIÓN:**
 En Wethecraftsmen, la seguridad es lo primero.

● **IDEA:**
 ¡Estamos juntos para hacer algo grandioso!



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

This document was created electronically and is valid without a signature.

This certificate consists of 1 page and 1 Annex.
This certificate may only be published in full wording and without any additions. The revocable written consent shall be obtained from BAM beforehand for changed reproduction and excerpts. The German version is legally binding, except an English version is issued exclusively. Place of jurisdiction is Berlin.

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



[Signature]

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



[Signature]

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



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



[Signature]

The issuance of



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





QUALITY MANAGEMENT SYSTEM CERTIFICATE

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Quality management system complies with:
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The scope of quality management system certification

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

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Tel: 021-68407323

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.

INDUSTRIAL-GRADE SAFETY BOX

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

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

4 • 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

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

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

7 • 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 (mm)
AL-BR BE-CU	1/4 " Socket (4,5,5,5,5,6,7,8)mm
AL10IA BE10IA	Driver Type Stubby
	Handle Slotted
	Screwdriver Stubby
	Phillips Screwdriver

1/4"Dr Socket Set-12pcs



• AL-BR:720g • BE-CU:740g

ITEM CODE	SIZE (mm)
AL-BR BE-CU	1/4 " Socket (4,5,6,7,8,9,10,11,12,13)mm
AL10IB BE10IB	Driver Type Handle
	Tool Case

3/8"Dr Socket Set-13pcs



• AL-BR:1650g • BE-CU:1740g

ITEM CODE	SIZE (mm)
AL-BR BE-CU	3/8 " Socket (8,10,11,12,13,14,17,19)mm
AL10IC BE10IC	(8) 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 (mm)
AL-BR BE-CU	1/4 " Socket (4,4.5,5,5.5,6,7,8)mm
AL10ID BE10ID	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 (mm)
AL-BR BE-CU	1/2 " Socket (10,11,12,14,17,19,22,24)mm
AL10IE BE10IE	Offset Handle 1/2" *230mm
	Tool Case

1/2"Dr Socket Set-13pcs



• AL-BR:3180g • BE-CU:3390g

ITEM CODE	SIZE (mm)
AL-BR BE-CU	1/2 " Socket (8'10'11'12'14'17'19'22'24'27)mm
AL10IF BE10IF	Ratchet Wrench 1/2"*245mm
	Hinged Handle 1/2"*250mm
	Tool Case

1/2"Dr Socket Set-17pcs



• A L - B R :6355g BE-CU:6730g

ITEM CODE	SIZE (mm)
AL-BR BE-CU	1/2 " Socket (10,11,12,14,17,19,22,24,27,30,32)mm
AL10IG BE10IG	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



• A L - B R :7270g BE-CU:7370g

ITEM CODE	SIZE (mm)
AL-BR BE-CU	1/2 " Socket (10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,27,30,32)mm
AL10IH BE10IH	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

WE THE CRAFTSMEN DO SAFETY FIRST

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NON-SPARKING-TOOLS

1/2"Dr Socket Set-28pcs



• A L - B R : 8520g BE-CU:9050g

ITEM CODE	SIZE (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
	Speed Handle 1/2"*400mm
	Driver Extension 1/2"*125mm
	1/2"*250mm
	Universal Joint 1/2"*80mm
	Screwdriver Socket 1/2"*52mm
	Tool Case

3/4"Dr Socket Set-15pcs



• A L - B R : 12350g BE-CU:13240g

ITEM CODE	SIZE (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-21 pcs



• A L - B R : 14200g BE-CU:15270g

ITEM CODE	SIZE (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



• A L - B R : 23060g BE-CU:24900g

ITEM CODE	SIZE (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
	Flex Ball Joint 3/4"*120mm
	Sliding T-Handle 3/4"*1"
	Tool Case

1"Dr Socket Set-19pcs



• A L - B R : 24850g BE-CU:24900g

ITEM CODE	SIZE (mm)
AL101N BE101N	1" Socket (t30,31,32,34,36,38,41,46,50,55,60,65,70,75,80)mm
	Sliding T-Handle 3/4"
	1" *200mm FlexBall Joint
	1" *200mm Driver Extension

Socket (C=1/4")



• A L - B R : 8390g BE-CU:8980g

ITEM CODE	SIZE (mm)	N.W. (g)
AL102-4 BE102-4	4	15
AL102-4.5 BE102-4.5	4.5	15
AL102-5 BE102-5	5	15
AL102-5.5 BE102-5.5	5.5	15
AL102-6 BE102-6	6	15
AL102-7 BE102-7	7	15
AL102-8 BE102-8	8	15
AL102-9 BE102-9	9	20
AL102-10 BE102-10	10	20
AL102-11 BE102-11	11	25
AL102-12 BE102-12	12	27
AL102-13 BE102-13	13	27
AL102-14 BE102-14	14	32
AL102-15 BE102-15	15	36
AL102-16 BE102-16	16	36
AL102-17 BE102-17	17	45
AL102-18 BE102-18	18	45
AL102-19 BE102-19	19	46

ITEM CODE	SIZE (mm)	N.W. (g)
AL102-20 BE102-20	20	46
AL102-21 BE102-21	21	46
AL102-22 BE102-22	22	46
AL102-23 BE102-23	23	46
AL102-24 BE102-24	24	46
AL102-25 BE102-25	25	46
AL102-26 BE102-26	26	46
AL102-27 BE102-27	27	46
AL102-28 BE102-28	28	46
AL102-29 BE102-29	29	46
AL102-30 BE102-30	30	46
AL102-31 BE102-31	31	46
AL102-32 BE102-32	32	46
AL102-33 BE102-33	33	46
AL102-34 BE102-34	34	46
AL102-35 BE102-35	35	46
AL102-36 BE102-36	36	46
AL102-37 BE102-37	37	46
AL102-38 BE102-38	38	46
AL102-39 BE102-39	39	46
AL102-40 BE102-40	40	46
AL102-41 BE102-41	41	46
AL102-42 BE102-42	42	46
AL102-43 BE102-43	43	46
AL102-44 BE102-44	44	46
AL102-45 BE102-45	45	46
AL102-46 BE102-46	46	46
AL102-47 BE102-47	47	46
AL102-48 BE102-48	48	46
AL102-49 BE102-49	49	46
AL102-50 BE102-50	50	46
AL102-51 BE102-51	51	46
AL102-52 BE102-52	52	46
AL102-53 BE102-53	53	46
AL102-54 BE102-54	54	46
AL102-55 BE102-55	55	46
AL102-56 BE102-56	56	46
AL102-57 BE102-57	57	46
AL102-58 BE102-58	58	46
AL102-59 BE102-59	59	46
AL102-60 BE102-60	60	46
AL102-61 BE102-61	61	46
AL102-62 BE102-62	62	46
AL102-63 BE102-63	63	46
AL102-64 BE102-64	64	46
AL102-65 BE102-65	65	46



Socket (C=1/4")



ITEM CODE	SIZE (mm)	N.W. (g)
AL102-1002 BE102-1002	5/32 25	13
1004 BE102-1004	3/16 25	13
BE102-1006	7/32 25	15
AL102-1008 BE102-1008	1/4 25	15
AL102-1010 BE102-1010	9/32 25	15
AL102-1012 BE102-1012	5/16 25	18
AL102-1014 BE102-1014	11/32 26	22
AL102-1016 BE102-1016	3/8 26	26
AL102-1018 BE102-1018	7/16 26	26
AL102-1020 BE102-1020	1/2 26	26



Socket (C=3/8")



ITEM CODE	SIZE (mm)	N.W. (g)
AL103-5 BE103-5	5	28
AL103-5.5 BE103-5.5	5.5	28
AL103-6 BE103-6	6	28
AL103-7 BE103-7	7	28
AL103-8 BE103-8	8	28
AL103-9 BE103-9	9	28
AL103-10 BE103-10	10	32
AL103-11 BE103-11	11	32
AL103-12 BE103-12	12	32
AL103-13 BE103-13	13	32
AL103-14 BE103-14	14	32
AL103-15 BE103-15	15	32
AL103-16 BE103-16	16	32
AL103-17 BE103-17	17	32
AL103-19 BE103-19	19	32
AL103-20 BE103-20	20	32

Socket (C=3/8")



ITEM CODE	SIZE (mm)	N.W. (g)
AL103-1002 BE103-1002	5/16 28	32
AL103-1004 BE103-1004	3/8 28	32
AL103-1006 BE103-1006	7/16 32	50
AL103-1008 BE103-1008	1/2 32	50
AL103-1010 BE103-1010	9/16 32	50
AL103-1012 BE103-1012	5/8 32	75
AL103-1014 BE103-1014	11/16 32	75
AL103-1016 BE103-1016	3/4 32	75
AL103-1018 BE103-1018	13/16 35	80
AL103-1020 BE103-1020	7/8 35	104
AL103-1022 BE103-1022	15/16 35	105

Socket (C=1/2")



ITEM CODE	SIZE (mm)	N.W. (g)
BE104-6	6	69
AL104-7 BE104-7	7	70
AL104-8 BE104-8	8	70
AL104-9 BE104-9	9	71
AL104-10 BE104-10	10	71
AL104-11 BE104-11	11	72
AL104-12 BE104-12	12	72
AL104-13 BE104-13	13	73
AL104-14 BE104-14	14	73
AL104-15 BE104-15	15	85
AL104-16 BE104-16	16	85
AL104-17 BE104-17	17	85
AL104-18 BE104-18	18	85
AL104-19 BE104-19	19	100
AL104-20 BE104-20	20	105
AL104-21 BE104-21	21	110
AL104-22 BE104-22	22	115
AL104-23 BE104-23	23	135
AL104-24 BE104-24	24	145
AL104-25 BE104-25	25	160
AL104-26 BE104-26	26	180
AL104-27 BE104-27	27	190
AL104-28 BE104-28	28	200
AL104-29 BE104-29	29	210
AL104-30 BE104-30	30	220
AL104-32 BE104-32	32	260

Socket (C=1/2")



ITEM CODE	SIZE (mm)	N.W. (g)
AL104-1002 BE104-1002	5/16 40	70
AL104-1004 BE104-1004	3/8 40	71
AL104-1006 BE104-1006	7/16 40	72
AL104-1008 BE104-1008	1/2 40	73
AL104-1010 BE104-1010	9/16 40	73
AL104-1012 BE104-1012	5/8 40	80
AL104-1014 BE104-1014	11/16 40	85
AL104-1016 BE104-1016	3/4 42	100
AL104-1018 BE104-1018	13/16 43	110
AL104-1020 BE104-1020	7/8 43	115
AL104-1022 BE104-1022	15/16 43	145
AL104-1024 BE104-1024	1 43	170
AL104-1026 BE104-1026	1-1/16 46	190
AL104-1028 BE104-1028	1-1/4 46	260
AL104-1030 BE104-1030	1-7/16 50	300

Socket (C=3/4")



ITEM CODE	SIZE (mm)	N.W. (g)
AL105-17 BE105-17	17	225
AL105-19 BE105-19	19	225
AL105-21 BE105-21	21	245
AL105-22 BE105-22	22	245
AL105-23 BE105-23	23	280
AL105-24 BE105-24	24	280
AL105-26 BE105-26	26	280
AL105-27 BE105-27	27	285
AL105-28 BE105-28	28	310
AL105-29 BE105-29	29	320
AL105-30 BE105-30	30	370
AL105-31 BE105-31	31	380
AL105-32 BE105-32	32	410
AL105-34 BE105-34	34	440
AL105-36 BE105-36	36	465
AL105-38 BE105-38	38	510
AL105-41 BE105-41	41	640
AL105-46 BE105-46	46	690
AL105-50 BE105-50	50	825

Socket (C=3/4")



ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)		
			S (inch)	L (mm)	AL-BR	BE-CU	
AL105-1005BE105-1005			3/4	116	55	220	240
AL105-1006BE105-1006			7/8			240	262
55 AL105-1008BE105-1008			1 1/8	116	55	245	267
AL105-1010BE105-1010			1			280	305
					55	280	310
AL105-1012BE105-1012			1 1/8	116	55	285	315
AL105-1014BE105-1014			1 1/8	116	55	315	345
AL105-1016BE105-1016			1 3/8	160	60	365	400
AL105-1018BE105-1018			1 1/2	160	60	400	437
AL105-1020BE105-1020			1 5/8	160	60	430	472
AL105-1022BE105-1022			1 3/8	160	60	470	515
AL105-1024BE105-1024			1 7/8	160	60	480	525
AL105-1026BE105-1026			1 1/2	160	60	530	580
AL105-1028BE105-1028			1 5/8	160	60	640	702
AL105-1030BE105-1030			1 3/4	165	65	695	761
AL105-1032BE105-1032			1 3/8	165	65	705	830
AL105-1034BE105-1034			1 7/8	165	65	750	850
AL105-1036BE105-1036			2	165	70	870	965

Socket (C=1")



ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)		
			S (inch)	L (mm)	AL-BR	BE-CU	
AL106-1002BE106-1002			1	116	55	360	394
1004BE106-1004			1/8		55	364	398
1006BE106-1006			3/16		60	405	442
1008BE106-1008			1/4		60	431	470
1010BE106-1010			5/16		60	442	483
1012BE106-1012			3/8		60	448	490
1014BE106-1014			7/16		65	500	560
1016BE106-1016			1/2		65	560	620
1018BE106-1018			5/8		70	625	690
1020BE106-1020			7/8		75	740	850
AL106-1022BE106-1022					75	850	960
AL106-1024BE106-1024			2-1/4	1130	80	1130	1250
AL106-1026BE106-1026			2-1/2	1130	80	1130	1250
AL106-1028BE106-1028			2-3/4	1130	80	1130	1250
AL106-1030BE106-1030			3	1130	80	1130	1250

Socket (C=1")



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

Impact Socket (C=3/4")



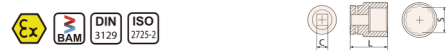
ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			S (mm)	L (mm)	AL-BR	BE-CU
AL107-24BE107-24			24	50	330	380
AL107-27BE107-27			27	53	365	405
AL107-30BE107-30			30	53	390	440
AL107-32BE107-32			32	56	425	475
AL107-36BE107-36			36	56	585	650
AL107-41BE107-41			41	60	625	695
AL107-46BE107-46			46	60	700	770
AL107-50BE107-50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

Impact Socket (C=1")



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

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



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

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



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

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



ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			S (mm)	L (mm)	AL-BR	BE-CU
AL110A-22BE110A-22			22	75	1600	2000
AL110A-24BE110A-24			24	75	1930	2200
AL110A-27BE110A-27			27	75	2200	2410
AL110A-30BE110A-30			30	75	2520	2800
AL110A-32BE110A-32			32	75	1770	1960
AL110A-36BE110A-36			36	80	2090	2310
AL110A-41BE110A-41			41	80	2140	2360
AL110A-46BE110A-46			46	85	2180	2410
AL110A-50BE110A-50			50	85	2260	2500
AL110A-55BE110A-55			55	90	2300	2530
AL110A-60BE110A-60			60	90	2500	2750
AL110A-65BE110A-65			65	95	2850	3130
AL110A-70BE110A-70			70	95	3100	3400
AL110A-75BE110A-75			75	100	3400	3740
AL110A-80BE110A-80			80	100	3800	4180
AL110A-85BE110A-85			85	110	4200	4620
AL110A-90BE110A-90			90	110	4490	4940
AL110A-95BE110A-95			95	110	5230	5780
AL110A-100BE110A-100			100	115	5530	6110

Impact Socket (C=1/2")



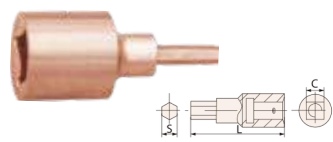
ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			S (mm)	L (mm)	AL-BR	BE-CU
AL110B-8BE110B-8			8	40	800	
AL110B-10BE110B-10			10	40	850	
AL110B-12BE110B-12			12	40	900	
AL110B-14BE110B-14			14	40	115	125
AL110B-17BE110B-17			17	40	115	125
AL110B-19BE110B-19			19	40	120	135
AL110B-22BE110B-22			22	40	135	150
AL110B-24BE110B-24			24	45	165	185
AL110B-27BE110B-27			27	45	190	215
AL110B-30BE110B-30			30	50	235	265
AL110B-32BE110B-32			32	50	255	285

Impact Socket (C=1/2"Deep)



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

Internal Hexagon Socket



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	S(mm)	L(mm)	AL-BR	BE-CU
AL111A-1002		BE111A-	1/4	3	55	16 55 16	17
1002	AL111A-	1004	1/4	4	55	18 55 23	17
BE111A-1004	AL111A-		1/4	5	55	27 65 40	20
1006	BE111A-	1006	1/4	6	65	50	26
AL111A-1008	BE111A-		1/4	7			30
1008	AL111A-	1010	1/4	8			45
BE111A-1010	AL111A-		1/4	9			55
1012	BE111A-	1012	1/4	10	65	60 1/2 12 60 110	63
AL111A-1014	BE111A-		1/2	13	60	120 135 1/2 14 60 125	
1014	AL111A-	1016	1/2	15	60	145 165 1/2 16 60	
BE111A-1016	AL111A-		1/2	17	60	160 175 1/2 18	
1018	BE111A-	1018	1/2	18	60	170 190 1/2 19	62
AL111A-1020	BE111A-		2/20	20	62	205 230	
1020	AL111A-	1022					
BE111A-1022	AL111A-						
1024	BE111A-	1024					
AL111A-1026	BE111A-						
1026	AL111A-	1028					

Socket Wrench, Triangular



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	S(mm)	L(mm)	AL-BR	BE-CU
AL111B-1030		BE111A-	1/2	6	40	70 40 75	75
1032	AL111A-	1032	1/2	8			80
BE111A-1034	AL111A-		1/2	10	40	80 1/2 12 40 90 1/2	85
1006	BE111B-	1006	50	150	180	1/2 20 50 215	95
AL111B-1008	BE111B-		1/2	24	60	380 420	
1008	AL111B-	1010					
BE111B-1010	AL111B-						
1012	BE111B-	1012					
AL111B-1014	BE111B-						
1014	AL111B-	1014					

Universal Joint



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	L(mm)	AL-BR	BE-CU	
AL112-1002		BE112-	1/2	80	170	186	
1002	AL112-	1004	3/4	110	480	530	
BE112-1004	AL112-		1	132	980	1000	

Screwdriver Socket



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	L(mm)	AL-BR	BE-CU	
AL114-1002		BE114-	1/2	52	213	91	102

Adaptor



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

Ratchet Wrench



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	L(mm)	AL-BR	BE-CU	
AL115-1002		BE115-	3/4	160	21 55	1600 1760	AL115-
1004	BE115-	1004	1 1/8	23	60	2250 2470	

Sliding T Type Wrench



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

Sliding T Handle



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	L(mm)	AL-BR	BE-CU	
AL117-1002		BE117-	1/2	250	13 39	310 340	
AL117-1004		BE117-	3/4	350	19 54	960 1070	
AL117-1006		BE117-	3/4	400	21 56	1221 1335	
AL117-1008		BE117-	1 1/4	400	21 62	1481 1620	

Hinged Handle



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	L(mm)	AL-BR	BE-CU	
AL118-1002		BE118-	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 3/4	304	270	830 910	

Ratchet Wrench



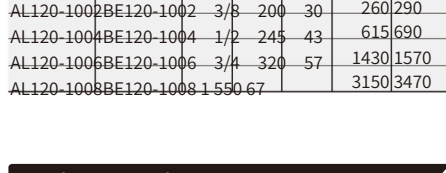
ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	L(mm)	AL-BR	BE-CU	
AL119-1002		BE119-	1/4	200	16.5	305 350	AL119-
1004	BE119-	1004	3/8	175	16.5	302 335	AL119-
1006	BE119-	1006	3/8	200	16.5	360 400	AL119-
1008	BE119-	1008	1/2	250	16.5	480 535	AL119-
1010	BE119-	1010	3/4	300	22	1170 1290	AL119-
1012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

Ratchet Wrench



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

Ratchet Wrench



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

Offset Handle



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			C(inch)	L(mm)	AL-BR	BE-CU	
AL120A-1006		BE120A-	1006				

Offset Handle



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

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

Sliding T Type Wrench



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

Wrench, Socket L-Type



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)		
			S(mm)	L(mm)	H(mm)	AL-BR	BE-CU
AL120A-1006		BE120A-	1006				
AL120A-1008		BE120A-	1008				
AL120A-1010		BE120A-	1010				
AL120A-1012		BE120A-	1012				
AL120A-1014		BE120A-	1014				
AL120A-1016		BE120A-	1016				
AL120A-1018		BE120A-	1018				
AL120A-1020		BE120A-	1020				
AL120A-1022		BE120A-	1022				
AL120A-1024		BE120A-	1024				
AL120A-1026							

WE THE CRAFTSMEN DO SAFETY FIRST

Materias primas de alta calidad

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	6±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	6±5.0%
Elasticity limit	450-550N/mm ²
Magnetic	1.2



Technical process of WEDO non-sparking tools

01 The use of raw materials must strictly adhere to a scientific ratio, in full accordance with the requirements for non-sparking tool material composition. This is the most critical factor in ensuring non-sparking properties.

02 The raw materials are then smelted and synthesized using scientific ratio methods. Samples are extracted to undergo drop weight and friction tests in accordance with the GB10686 standard, ensuring that the safety coefficient of the materials meets the required standards.

03 Large friction press machines, ranging from 150T to 2500T and beyond, are used to forge the qualified smelting roughcast into precise shapes according to specified sizes.

04 The qualified forging blanks, after passing inspection, are assigned to respective production lines for precise CNC machining based on their varieties. Once pipeline processing is complete, the products are heated according to material standards and requirements to ensure strength, toughness, and mechanical properties meet the specified standards.

Tools that meet the standards undergo surface treatment before being moved to storage. To guarantee safe and reliable products for customers, we conduct sample quality inspections during packaging for shipment. This ensures that the non-sparking properties are maintained with a 100% qualified rate."

Instruction of Wrench

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

WE DO



ITEM CODE	SIZE	N.W (g)
AL125116BE125116	150	18 150 165
AL125117BE125117	200	24 275 305
AL125118BE125118	250	30 500 550
AL125119BE125119	300	36 790 870
AL125120BE125120	375	46 1310 1450
AL125121BE125121	450	55 1980 2160
AL125122BE125122	600	65 3730 4130



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



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



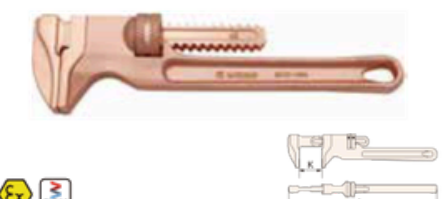
ITEM CODE	SIZE	N.W (g)
AL125D-1002 BE125D-1002	150	18 145 165
1002 AL125D-1004	200	24 270 300
BE125D-1004 AL125D-1004	250	30 500 550
AL125D-1008 BE125D-1008		
1008		



ITEM CODE	SIZE	N.W (g)
AL125E-1002 BE125E-1002	150	18 150 175
1002 AL125E-1004	200	24 250 290
BE125E-1004 AL125E-1004	250	30 420 485
AL125E-1008 BE125E-1008		
1008		



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

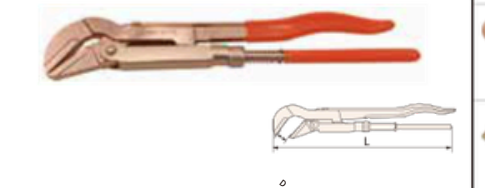


ITEM CODE	SIZE	N.W (g)
AL128A-1002 BE128A-1002	530	2 2355 2605
1002 AL128A-1004	650	3 4060 4500
BE128A-1004 AL128A-1006	790	4 5600 6200
1006 BE128A-1006		

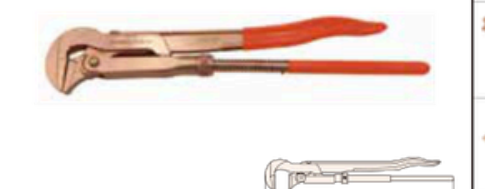
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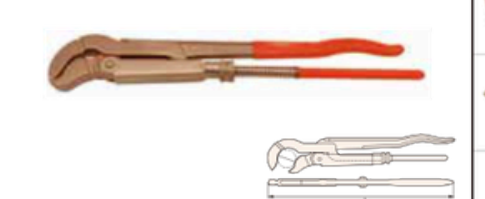
ITEM CODE	SIZE	N.W (g)
AL127A-62BE127A-62	250	62 520 575
AL127A-78BE127A-78	280	78 780 860
AL127A-82BE127A-82	375	82 1300 1430



ITEM CODE	SIZE	N.W (g)
AL128-1002BE128-1002	430	38 1400 1550
AL128-1004BE128-1004	530	50 2000 2200
AL128-1006BE128-1006	630	60 2600 2800
AL128-1008BE128-1008	730	70 3200 3400
AL128-1010BE128-1010	830	80 3800 4000
AL128-1012BE128-1012	930	90 4400 4600
AL128-1014BE128-1014	1030	100 5000 5200
AL128-1016BE128-1016	1130	110 5600 5800



ITEM CODE	SIZE	N.W (g)
AL128A-1002 BE128A-1002	530	2 2355 2605
1002 AL128A-1004	650	3 4060 4500
BE128A-1004 AL128A-1006	790	4 5600 6200
1006 BE128A-1006		

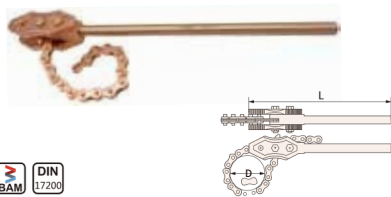


ITEM CODE	SIZE	N.W (g)
AL128A-1002 BE128A-1002	530	2 2355 2605
1002 AL128A-1004	650	3 4060 4500
BE128A-1004 AL128A-1006	790	4 5600 6200
1006 BE128A-1006		

NON-SPARKING-TOOLS

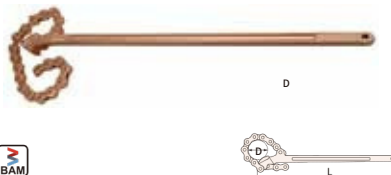
NON-SPARKING-TOOLS

Wrench, Chain Pipe



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

Wrench, Belt Pipe



ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL129B-1002	BE129B-1002 425 30	735	810

Wrench, Pipe



ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL130-1002	BE130-1002 200 25	365	400
1002	AL130-1004 250 30	560	615
BE130-1004	AL130-1004 300 40	750	825
1006	BE130-1006 350 50	1000	1100
AL130-1008	BE130-1008 450 60	1625	1785
1008	AL130-1010 600 75	2960	3255
BE130-1010	AL130-1010 900 125	5490	6035
1012	BE130-1012 1200 150	10870	12280
AL130-1014	BE130-1014 1014 130		
1014	AL130-1016		
BE130-1016			

Universal Wrench



ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL129C-1002	BE129C-1002 250	780	870
AL129C-1004	BE129C-1004 450	2200	2450

Wrench, Pipe (British Type)



ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL130B-1002	BE130B-1002 250	380	430
AL130B-1004	BE130B-1004 450	520	580
AL130B-1006	BE130B-1006 600	780	880
AL130B-1008	BE130B-1008 850	1080	1250
AL130B-1010	BE130B-1010 1045	1660	1910
AL130B-1012	BE130B-1012 1260	2710	3115

Wrench, Pipe (Germany Light Type)



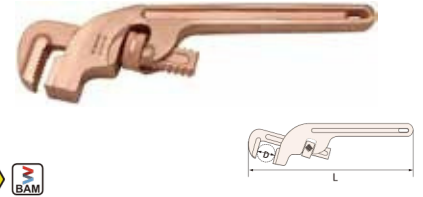
ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL130C-1002	BE130C-1002 350	1200	1300

Wrench, Pipe (American Type)



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

Wrench, Pipe (Diagonal Type)



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

Wrench, Pipe (Bent Type)



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

Wrench, Pipe (Hex Type)



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

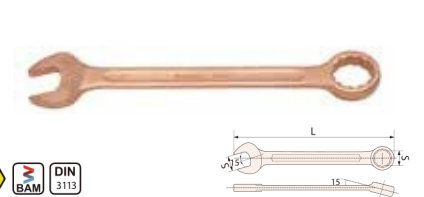
Wrench, Pipe (Bent & Hex Type)



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

BE131E-1004

Wrench, Combination



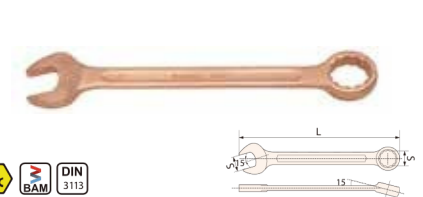
ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL135-6	BE135-6 6 7	105	20 22
AL135-7	BE135-7 8 9	120	34 37
AL135-8	BE135-8 10 11	120	34 37
AL135-9	BE135-9 12 13	135	50 55
AL135-10	BE135-10 14 15	135	50 55
11BE135-11	AL135-11 16 17	150	75 75
12BE135-12	AL135-12 18 19	150	70 75
13BE135-13	AL135-13 20 21	175	110 122
14BE135-14	AL135-14 22 23	175	110 122
15BE135-15	AL135-15 24 25	195	145 160
16BE135-16	AL135-16 26 27	195	140 155
17BE135-17	AL135-17 28 29	195	140 155
18BE135-18	AL135-18 30 31	215	190 210
19BE135-19	AL135-19 32 33	215	190 210
20BE135-20	AL135-20 34 35	230	200 225
21BE135-21	AL135-21 36 37	230	200 225
22BE135-22	AL135-22 38 39	245	200 225
23BE135-23	AL135-23 40 41	265	233 265
24BE135-24	AL135-24 42 43	265	230 260
25BE135-25	AL135-25 44 45	265	230 260
26BE135-26	AL135-26 46 47	290	380 420
27BE135-27	AL135-27 48 49	290	380 420
30BE135-30	AL135-30 54 55	320	380 420
32BE135-32	AL135-32 60 61	340	600 670
34BE135-34	AL135-34 66 67	360	750 850
35BE135-35	AL135-35 72 73	360	800 890
36BE135-36	AL135-36 78 79	360	800 890
38BE135-38	AL135-38 84 85		
41BE135-41	AL135-41 90 91	395	1150 1200 460
46BE135-46	AL135-46 108 109	1300	1440 480 1700
50BE135-50	AL135-50 126 127	1890	520 2000 2220
55BE135-55	AL135-55 144 145	560	2230 2460 595
60BE135-60	AL135-60 162 163	2950	3300 595 2900
65BE135-65	AL135-65 180 181	3250	630 4100 4550
70BE135-70	AL135-70 210 211		

Wrench, Combination



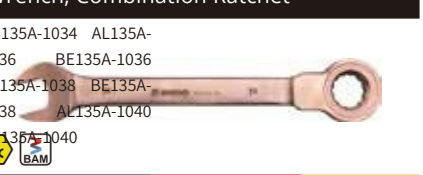
ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL137-17	BE137-17 17	240	210 230
AL137-19	BE137-19 19	270	250 280
AL137-21	BE137-21 21	290	340 380
AL137-22	BE137-22 22	295	370 440
AL137-24	BE137-24 24	320	390 460
AL137-27	BE137-27 27	350	520 605

Wrench, Combination



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

Wrench, Combination Ratchet



ITEM CODE	SIZE	N.W. (g)	
		AL-PP	BE-CU
AL135A-1034	AL135A-1034 1036		
1036	BE135A-1036		
AL135A-1038	BE135A-1038		
1038	AL135A-1040		
1040	BE135A-1040		
AL136A-17	BE136A-17 17	220	225 250 280
AL136A-19	BE136A-19 19	240	310 380 420
AL136A-22	BE136A-22 22	270	510 570 675
AL136A-24	BE136A-24 24	290	750 900
AL136A-27	BE136A-27 27	315	1000
AL136A-30	BE136A-30 30	350	
AL136A-32	BE136A-32 32	370	1040 1155

Wrench, Bent Open End



ITEM CODE	SIZE	N.W. (g)	
		AL-PP	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 330
AL138-46	BE138-46 46	1225	1340 350 1480
AL138-50	BE138-50 50	1615	370 1955 2135
AL138-55	BE138-55 55		

Wrench, Construction With Pin



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL139-17	BE139-17	17	220
AL139-19	BE139-19	19	240
AL139-22	BE139-22	22	260
AL139-24	BE139-24	24	280
AL139-27	BE139-27	27	300
AL139-30	BE139-30	30	320
AL139-32	BE139-32	32	340
AL139-36	BE139-36	36	360
AL139-41	BE139-41	41	380
AL139-46	BE139-46	46	400
AL139-50	BE139-50	50	1055
AL139-55	BE139-55	55	1485
AL139-60	BE139-60	60	

Wrench, Single Open End



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL140-8	BE140-8	8	95
AL140-10	BE140-10	10	105
AL140-12	BE140-12	12	125
AL140-14	BE140-14	14	140
AL140-17	BE140-17	17	160
AL140-19	BE140-19	19	170
AL140-22	BE140-22	22	195
AL140-24	BE140-24	24	220
AL140-27	BE140-27	27	240
AL140-30	BE140-30	30	260
AL140-32	BE140-32	32	275
AL140-34	BE140-34	34	290
AL140-36	BE140-36	36	310
AL140-41	BE140-41	41	345
AL140-46	BE140-46	46	375
AL140-50	BE140-50	50	410
AL140-55	BE140-55	55	450
AL140-60	BE140-60	60	1700
AL140-65	BE140-65	65	2250
AL140-70	BE140-70	70	610
AL140-75	BE140-75	75	

Crow Foot Open End



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL140A-1002	BE140A-1002	3/8	9/16
AL140A-1004	BE140A-1004	3/8	5/8
AL140A-1006	BE140A-1006	3/8	11/16
AL140A-1008	BE140A-1008	3/8	7/8
AL140A-1010	BE140A-1010	3/8	1-1/8
AL140A-1012	BE140A-1012	3/8	1-1/4
AL140A-1014	BE140A-1014	3/8	1-3/8
AL140A-1016	BE140A-1016	3/8	1-1/2
AL140A-1018	BE140A-1018	3/8	1-7/8
AL140A-1020	BE140A-1020	3/8	2-3/8
AL140A-1022	BE140A-1022	1/2	14
AL140A-1024	BE140A-1024	1/2	16
AL140A-1026	BE140A-1026	1/2	19
AL140A-1028	BE140A-1028	1/2	20
AL140A-1030	BE140A-1030	1/2	22
AL140A-1032	BE140A-1032		
AL140A-1034	BE140A-1034		102
AL140A-1036	BE140A-1036		125

T-Handle Wrench



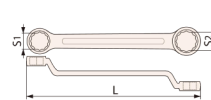
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL140C-8	BE140C-8	8	8
AL140C-10	BE140C-10	10	6
AL140C-12	BE140C-12	12	6
AL140C-14	BE140C-14	14	10
AL140C-16	BE140C-16	16	12
AL140C-18	BE140C-18	18	15
AL140C-20	BE140C-20	20	18
AL140C-22	BE140C-22	22	21
AL140C-24	BE140C-24	24	24
AL140C-26	BE140C-26	26	27
AL140C-28	BE140C-28	28	30
AL140C-30	BE140C-30	30	33
AL140C-32	BE140C-32	32	36
AL140C-34	BE140C-34	34	39
AL140C-36	BE140C-36	36	42
AL140C-38	BE140C-38	38	45
AL140C-40	BE140C-40	40	48
AL140C-42	BE140C-42	42	51
AL140C-44	BE140C-44	44	54
AL140C-46	BE140C-46	46	57
AL140C-48	BE140C-48	48	60
AL140C-50	BE140C-50	50	63
AL140C-52	BE140C-52	52	66
AL140C-54	BE140C-54	54	69
AL140C-56	BE140C-56	56	72
AL140C-58	BE140C-58	58	75
AL140C-60	BE140C-60	60	78
AL140C-62	BE140C-62	62	81
AL140C-64	BE140C-64	64	84
AL140C-66	BE140C-66	66	87
AL140C-68	BE140C-68	68	90
AL140C-70	BE140C-70	70	93
AL140C-72	BE140C-72	72	96
AL140C-74	BE140C-74	74	99
AL140C-76	BE140C-76	76	102
AL140C-78	BE140C-78	78	105
AL140C-80	BE140C-80	80	108
AL140C-82	BE140C-82	82	111
AL140C-84	BE140C-84	84	114
AL140C-86	BE140C-86	86	117
AL140C-88	BE140C-88	88	120
AL140C-90	BE140C-90	90	123
AL140C-92	BE140C-92	92	126
AL140C-94	BE140C-94	94	129
AL140C-96	BE140C-96	96	132
AL140C-98	BE140C-98	98	135
AL140C-100	BE140C-100	100	138
AL140C-102	BE140C-102	102	141
AL140C-104	BE140C-104	104	144
AL140C-106	BE140C-106	106	147
AL140C-108	BE140C-108	108	150
AL140C-110	BE140C-110	110	153
AL140C-112	BE140C-112	112	156
AL140C-114	BE140C-114	114	159
AL140C-116	BE140C-116	116	162
AL140C-118	BE140C-118	118	165
AL140C-120	BE140C-120	120	168
AL140C-122	BE140C-122	122	171
AL140C-124	BE140C-124	124	174
AL140C-126	BE140C-126	126	177
AL140C-128	BE140C-128	128	180
AL140C-130	BE140C-130	130	183
AL140C-132	BE140C-132	132	186
AL140C-134	BE140C-134	134	189
AL140C-136	BE140C-136	136	192
AL140C-138	BE140C-138	138	195
AL140C-140	BE140C-140	140	198
AL140C-142	BE140C-142	142	201
AL140C-144	BE140C-144	144	204
AL140C-146	BE140C-146	146	207
AL140C-148	BE140C-148	148	210
AL140C-150	BE140C-150	150	213

Rectangular Open End



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL140E-1002	BE140E-1002	9*12	7
AL140E-1004	BE140E-1004	9*12	8
AL140E-1006	BE140E-1006	9*12	9
AL140E-1008	BE140E-1008	9*12	10
AL140E-1010	BE140E-1010	9*12	12
AL140E-1012	BE140E-1012	9*12	13
AL140E-1014	BE140E-1014	9*12	14
AL140E-1016	BE140E-1016	9*12	17
AL140E-1018	BE140E-1018	9*12	19
AL140E-1020	BE140E-1020	9*12	21
AL140E-1022	BE140E-1022	9*12	22
AL140E-1024	BE140E-1024	9*12	24
AL140E-1026	BE140E-1026	9*12	27
AL140E-1028	BE140E-1028	9*12	30
AL140E-1030	BE140E-1030	9*12	32
AL140E-1032	BE140E-1032	9*12	34
AL140E-1034	BE140E-1034	9*12	36
AL140E-1036	BE140E-1036	9*12	38
AL140E-1038	BE140E-1038	9*12	41
AL140E-1040	BE140E-1040	9*12	44
AL140E-1042	BE140E-1042	9*12	47
AL140E-1044	BE140E-1044	9*12	50
AL140E-1046	BE140E-1046	9*12	53
AL140E-1048	BE140E-1048	9*12	56
AL140E-1050	BE140E-1050	9*12	59
AL140E-1052	BE140E-1052	9*12	62
AL140E-1054	BE140E-1054	9*12	65
AL140E-1056	BE140E-1056	9*12	68
AL140E-1058	BE140E-1058	9*12	71
AL140E-1060	BE140E-1060	9*12	74
AL140E-1062	BE140E-1062	9*12	77
AL140E-1064	BE140E-1064	9*12	80
AL140E-1066	BE140E-1066	9*12	83
AL140E-1068	BE140E-1068	9*12	86
AL140E-1070	BE140E-1070	9*12	89
AL140E-1072	BE140E-1072	9*12	92
AL140E-1074	BE140E-1074	9*12	95
AL140E-1076	BE140E-1076	9*12	98
AL140E-1078	BE140E-1078	9*12	101
AL140E-1080	BE140E-1080	9*12	104
AL140E-1082	BE140E-1082	9*12	107
AL140E-1084	BE140E-1084	9*12	110
AL140E-1086	BE140E-1086	9*12	113
AL140E-1088	BE140E-1088	9*12	116
AL140E-1090	BE140E-1090	9*12	119
AL140E-1092	BE140E-1092	9*12	122
AL140E-1094	BE140E-1094	9*12	125
AL140E-1096	BE140E-1096	9*12	128
AL140E-1098	BE140E-1098	9*12	131
AL140E-1100	BE140E-1100	9*12	134
AL140E-1102	BE140E-1102	9*12	137
AL140E-1104	BE140E-1104	9*12	140
AL140E-1106	BE140E-1106	9*12	143
AL140E-1108	BE140E-1108	9*12	146
AL140E-1110	BE140E-1110	9*12	149
AL140E-1112	BE140E-1112	9*12	152
AL140E-1114	BE140E-1114	9*12	155
AL140E-1116	BE140E-1116	9*12	158
AL140E-1118	BE140E-1118	9*12	161
AL140E-1120	BE140E-1120	9*12	164
AL140E-1122	BE140E-1122	9*12	167
AL140E-1124	BE140E-1124	9*12	170
AL140E-1126	BE140E-1126	9*12	173
AL140E-1128	BE140E-1128	9*12	176
AL140E-1130	BE140E-1130	9*12	179
AL140E-1132	BE140E-1132	9*12	182
AL140E-1134	BE140E-1134	9*12	185
AL140E-1136	BE140E-1136	9*12	188
AL140E-1138	BE140E-1138	9*12	191
AL140E-1140	BE140E-1140	9*12	194
AL140E-1142	BE140E-1142	9*12	197
AL140E-1144	BE140E-1144	9*12	200
AL140E-1146	BE140E-1146	9*12	203
AL140E-1148	BE140E-1148	9*12	206
AL140E-1150	BE140E-1150	9*12	209
AL140E-1152	BE140E-1152	9*12	212
AL140E-1154	BE140E-1154	9*12	215
AL140E-1156	BE140E-1156	9*12	218
AL140E-1158	BE140E-1158	9*12	221
AL140E-1160	BE140E-1160	9*12	224
AL140E-1162	BE140E-1162	9*12	227
AL140E-1164	BE140E-1164	9*12	230
AL140E-1166	BE140E-1166	9*12	233
AL140E-1168	BE140E-1168	9*12	236
AL140E-1170	BE140E-1170	9*12	239
AL140E-1172	BE140E-1172	9*12	242
AL140E-1174	BE140E-1174	9*12	245
AL140E-1176	BE140E-1176	9*12	248
AL140E-1178	BE140E-1178	9*12	251
AL140E-1180	BE140E-1180	9*12	254
AL140E-1182	BE140E-1182	9*12	257
AL140E-1184	BE140E-1184	9*12	260
AL140E-1186	BE140E-1186	9*12	263
AL140E-1188	BE140E-1188	9*12	266
AL140E-1190	BE140E-1190	9*12	269
AL140E-1192	BE140E-1192	9*12	272
AL140E-1194	BE140E-1194	9*12	275
AL140E-1196	BE140E-1196	9*12	278
AL140E-1198	BE140E-1198	9*12	281
AL140E-1200	BE140E-1200	9*12	284
AL1			

Wrench, Double Box Offset



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)	
			S1*S2(mm)	L(mm)	AL-BR	BE-CU
AL151-0507	BE151-0507		5.5*7	115	20	22
0507	AL151-0607		6*7	115	23	25
BE151-0607	AL151-0709		7*9	130	46	50
0709	BE151-0810		8*10	130	50	55
AL151-0810	AL151-0911		9*11	140	65	70
0810	BE151-0911		10*11	140	75	80
BE151-0911	AL151-1011		10*12	140	78	85
1011	BE151-1011		12*13	160	110	140
AL151-1012	BE151-1213		12*14	151	220	220
1012	AL151-1213		14*17	202	220	225
BE151-1213	AL151-1618		16*18	250	265	270
1214	BE151-1214		17*19	295	280	310
AL151-1417	BE151-1719		17*22	320	255	360
1417	AL151-1618		18*19	320	410	415
BE151-1618	AL151-1919		19*22	455	340	520
1719	BE151-1719		19*24	501	550	530
AL151-1722	BE151-2123		21*23	370	570	645
1722	AL151-1819		21*26	705	380	805
BE151-1819	AL151-1922		22*24	1030	1145	980
1922	BE151-1922		24*27	1080	405	1145
AL151-1924	BE151-2430		24*30	420	1065	1165
1924	AL151-2123		25*28	1465	1600	1905
BE151-2123	AL151-2126		26*32	2077	490	2315
2126	BE151-2126		27*30	510	2360	2580
AL151-2224	BE151-3032		30*32	2745	3002	2905
2224	AL151-2427		30*36	3203	560	3605
BE151-2427	AL151-2430		32*34			
2430	BE151-2430		32*36			
AL151-2528	BE151-3436		34*36			
2528	AL151-2632		36*41			
BE151-2632	AL151-4146		41*46			
2730	BE151-2730		46*50			
AL151-3032	BE151-5055		50*55			
3032	AL151-3036		50*60			
BE151-3036	AL151-5560		55*60			
3234	BE151-3234		60*70			
AL151-3236	BE151-3236					
3236	AL151-3436					
BE151-3436	AL151-3641					
3641	BE151-3641					
AL151-4146	AL151-4650					
BE151-4650	AL151-5060					
5060	AL151-5560					
BE151-5560	AL151-6070					
6070	BE151-6070					

WEDO
TOOLS FOR SAFETY

WEDO NON-SPARKING COMBINATION WRENCH

Adjust with the forging technology, great hardness and excellent toughness.

According to Germany standard (DIN 111)

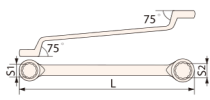
Clear marking, color and size resistant.

With 27 degree angle.

Both ends are suitable for disassembling of nuts and bolts with the same size.

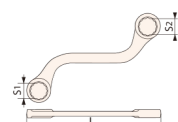
Non-sparking, non-magnetic, AFD static, used for various flammable and explosive atmospheres, with complete size and factory direct sales.

Wrench, Double Box Offset



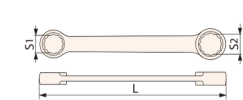
ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)	
			S1*S2(mm)	L(mm)	AL-BR	BE-CU
AL151A-1719	BE151A-1719		7*9	115	20	22
1719	AL151A-1922		9*11	130	46	50
AL151A-1922	BE151A-1922		12*14	145	62	70
1012	BE151A-2123		14*17	165	90	100
1214	AL151A-2123		17*19	185	120	132
1214	AL151A-2123		19*22	200	215	215
BE151A-1417	AL151A-1719		22*24	240	255	280
1719	BE151A-1719		24*27	280	340	385
2927	AL151A-2224		27*30	415	465	545
BE151A-2224	AL151A-3032		32*36	600	365	845
3032	BE151A-3032		36*41			
AL153A-3236	BE153A-3236					
3236	AL153A-3641					

Wrench, Double Box S Type



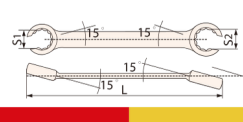
ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)	
			S1*S2(mm)	L(mm)	AL-BR	BE-CU
AL152A-0607	BE152A-0607		6*7	90	40	45
0607	AL152A-0709		7*9	90	50	55
AL152A-0709	BE152A-0810		8*10	100	70	80
0810	AL152A-0911		9*11	100	80	90
AL152A-0911	BE152A-1012		10*12	110	110	125
1012	AL152A-1214		12*14	125	140	160
AL152A-1214	BE152A-1417		14*17	140	200	230
1417	AL152A-1719		17*19	170	270	310
AL152A-1719	BE152A-1922		19*22	185	370	420
1922	AL152A-1924		19*24	185	400	450
AL152A-1924	BE152A-2123		21*23	185	430	490
2123	AL152A-2126		21*26	185	435	500
AL152A-2126	BE152A-2224		22*24	210	600	670
2224	AL152A-2326		23*26	210	600	670
AL152A-2326	BE152A-2427		24*27	225	640	720
2427	AL152A-2430		24*30	225	650	740
AL152A-2430	BE152A-2528		25*28	225	670	750
2528	AL152A-2730		27*30	250	780	870
AL152A-2730	BE152A-3032		30*32	275	980	1100

Wrench, Double Flat Box



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)	
			S1*S2(mm)	L(mm)	AL-BR	BE-CU
AL153A-0810	BE153A-0810		8*10	115	29	32
0810	AL153A-0911		9*11	125	34	37
BE153A-0911	AL153A-1012		10*12	140	48	55
1012	BE153A-1012		12*14	145	62	70
AL153A-1214	BE153A-1417		14*17	165	90	100
1214	AL153A-1417		17*19	185	120	132
1214	AL153A-1417		19*22	165	180	215
BE153A-1417	AL153A-1719		22*24	240	255	280
1719	BE153A-1719		24*27	280	340	385
2927	AL153A-2224		27*30	415	465	545
BE153A-2224	AL153A-3032		32*36	600	365	845
3032	BE153A-3032		36*41			
AL153A-3236	BE153A-3236					
3236	AL153A-3641					

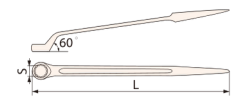
Flare Nut Open Ring Wrench



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)	
			S1*S2(mm)	L(mm)	AL-BR	BE-CU
AL153B-0607	BE153B-0607		6*7	95	15	17
0607	AL153B-0810		8*10	115	29	32
BE153B-0810	AL153B-0911		9*11	125	34	37
0911	BE153B-0911		10*12	140	48	55
AL153B-1012	BE153B-1214		12*14	145	62	70
1012	AL153B-1214		14*15	155	80	90
BE153B-1214	AL153B-1417		14*17	165	90	100
1415	BE153B-1415		16*18	170	115	127
AL153B-1417	BE153B-1719		17*19	185	120	132
1417	AL153B-1618		19*22	200	165	180
BE153B-1618	AL153B-22*24		22*24	220	215	240
1719	BE153B-1719		24*27	255	288	320
AL153B-1922	BE153B-24*30		24*30	270	340	375
1922	AL153B-2224		25*28	265	345	380
BE153B-2224	AL153B-27*30		27*30	280	389	430
2427	BE153B-2427		30*32	295	450	498
AL153B-2430	BE153B-30*34		30*34	310	535	588
2430	AL153B-2528		30*36	330	595	657
BE153B-2528	AL153B-34*36		34*36	345	685	758
2730	BE153B-2730		36*41	365	845	935

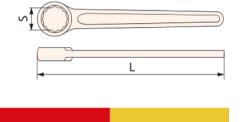
AL153B-3032 BE153B-3032 AL153B-3034 BE153B-3034 AL153B-3034 BE153B-3034

Wrench, Construction



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)	
			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	145	180
AL154-17	BE154-17		17	310	225	250
AL154-19	BE154-19		19	330	320	350
AL154-22	BE154-22		22	350	450	500
AL154-24	BE154-24		24	370	700	600
AL154-27	BE154-27		27	400	800	900
AL154-30	BE154-30		30	430	1090	
AL154-32	BE154-32		32	430		
AL154-36	BE154-36		36	460		
AL154-41	BE154-41		41	490		
AL154-46	BE154-46		46	520	1420	1560
AL154-50	BE154-50		50	1550	1700	560
AL154-55	BE154-55		55	2050	610	2550
AL154-60	BE154-60		60			

Wrench, Single Box



ITEM CODE	AL BR	BE CU	SIZE		N.W. (g)	
			S(mm)	L(mm)	AL-BR	BE-CU
AL156-8	BE156-8		8	110	45	
AL156-10	BE156-10		10	120	55	
AL156-12	BE156-12		12	130	65	
AL156-14	BE156-14		14	140	80	
AL156-17	BE156-17		17	155	105	
AL156-19	BE156-19		19	170	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	1150	1270	445
AL156-55	BE156-55		55	1590	474	1680
AL156-60	BE156-60		60	510	1875	2030
AL156-65	BE156-65		65	2300	2530	590
AL156-70	BE156-70		70	2700		
AL156-75	BE156-75		75			

AL156-8 BE156-8 AL156-10 BE156-10 AL156-12 BE156-12 AL156-14 BE156-14 AL156-17 BE156-17 AL156-19 BE156-19 AL156-22 BE156-22 AL156-24 BE156-24 AL156-27 BE156-27 AL156-30 BE156-30 AL156-32 BE156-32 AL156-36 BE156-36 AL156-41 BE156-41 AL156-46 BE156-46 AL1

WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Wrench, Single Box Convex



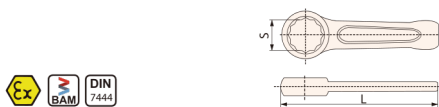
ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			S(mm)	L(mm)	AL-BR	BE-CU
AL159-10	BE159-10		10	110	65	75
AL159-12	BE159-12		12	120	102	115
AL159-14	BE159-14		14	130	120	135
AL159-17	BE159-17		17	150	130	145
AL159-19	BE159-19		19	170	160	185
AL159-22	BE159-22		22	190	215	240
AL159-24	BE159-24		24	210	290	320
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, Striking Box



ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			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	1300	1440	274
AL160-60	BE160-60		60	1620	298	1800
AL160-65	BE160-65		65	320	2200	2485
AL160-70	BE160-70		70	2720	3010	350
AL160-75	BE160-75		75	3600	355	3915
AL160-80	BE160-80		80	380	4700	5200
AL160-85	BE160-85		85	4920	5450	410
AL160-90	BE160-90		90	6750	420	6320
AL160-95	BE160-95		95	445	7250	8000
AL160-100	BE160-100		100	9930	11000	520
AL160-105	BE160-105		105	11400	12610	520
AL160-110	BE160-110		110	11750	13000	565
AL160-120	BE160-120		120	13100	14500	
AL160-130	BE160-130		130			
AL160-140	BE160-140		140			
AL160-150	BE160-150		150			

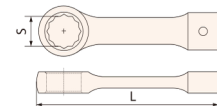
Wrench, Striking Box



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

BE161-1022	AL161-1024
1024	BE161-1024
AL161-1026	BE161-1026

Wrench, Striking Box



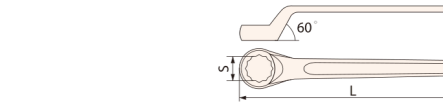
ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			S(mm)	L(mm)	AL-BR	BE-CU
AL162-32	BE162-32		32	180	710	790
AL162-36	BE162-36		36	190	900	990
AL162-41	BE162-41		41	200	1300	1450
AL162-46	BE162-46		46	1600	1770	230
AL162-50	BE162-50		50	1930	260	3060
AL162-55	BE162-55		55	290	3800	4200
AL162-60	BE162-60		60	4900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

Safety Handrail For Striking Wrench



ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			S(mm)	L(mm)	AL-BR	BE-CU
AL160B-1002	BE160B-1002		27-50	500	1000	1100
AL160B-1004	BE160B-1004		50-100	610	1300	1430
AL160B-1006	BE160B-1006		100-150	650	1500	1650

Wrench, Single Box Offset



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

Wrench, Offset Striking Box



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

Wrench, Offset Striking Box



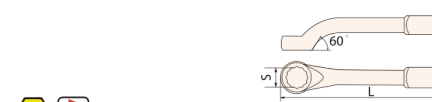
ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			S(mm)	L(mm)	AL-BR	BE-CU
AL162B-24	BE162B-24		24	160	335	370
AL162B-27	BE162B-27		27	180	430	475
AL162B-30	BE162B-30		30	200	555	615
AL162B-32	BE162B-32		32	200	555	615
AL162B-36	BE162B-36		36	220	745	825
AL162B-41	BE162B-41		41	240	860	950
AL162B-46	BE162B-46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

Wrench, Striking Convex Box



ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			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	1435	1590	267
AL163-55	BE163-55		55	1800	278	1910
AL163-60	BE163-60		60	298	2340	2580
AL163-65	BE163-65		65	2680	2960	326
AL163-70	BE163-70		70	3350		
AL163-75	BE163-75		75			

Offset Slogging Box Wrench (American Type)



ITEM CODE	AL-RR	BE-CU	SIZE		N.W. (g)	
			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	1340	1480	
AL163A-32	BE163A-32		32	290	1530	1690
36BE163A-36	AL163A-36		36	300	1720	1900
41BE163A-41	AL163A-41		41	1910	2110	340
46BE163A-46	AL163A-46		46	2750	350	2870
50BE163A-50						

WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Crow Foot Box End



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

Extension for Ring Wrench

AL164B-1026	BE164B-1026		
1026	AL164B-1028		
BE164B-1028	AL164B-1030		

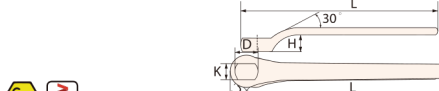
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL24-30	BE24-30 19	460	850 940
AL32-41	BE32-41 22	610	1480 1640 760
AL46-55	BE46-55 25	2240	2480 860
AL60-80	BE60-80 30	3515	3890

Valve Square Driver



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL165A-15	BE165A-15 12	8140	659 140 65 70
AL165A-20	BE165A-20 14		70
AL165A-25	BE165A-25 16	10160	105 115
AL165A-32	BE165A-32 17	11200	170 185
AL165A-40	BE165A-40 18	12200	170 185
AL165A-45	BE165A-45 20	14230	235 260
AL165A-50	BE165A-50 23	15250	295 325
AL165A-65	BE165A-65 24	16300	400 440
AL165A-80	BE165A-80 25	17350	545 600
AL165A-100	BE165A-100	18350	570 625
28	AL165A-125	BE165A-22	400 930 1020
125	32	AL165A-150	24500 1350 1490
BE165A-150	36	AL165A-	26600 1950 2150
200	BE165A-200	38	28600 2200 2420

Valve Square Driver



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL165-6	BE165-6 6	110	9 65 75 90
AL165-8	BE165-8 8	120	10 75 102 130
AL165-9	BE165-9 9	140	11 75 180 151
AL165-10	BE165-10 10	140	12 75 261 300
AL165-11	BE165-11 11	160	13 285 385 366
AL165-12	BE165-12 12	190	14 420 652 740
AL165-13	BE165-13 13	200	15 896 1000
AL165-14	BE165-14 14	250	16
AL165-16	BE165-16 16	250	18
AL165-17	BE165-17 17	300	19
AL165-19	BE165-19 19	350	20
AL165-22	BE165-22 22	400	22

Split Ball Valve Wrench



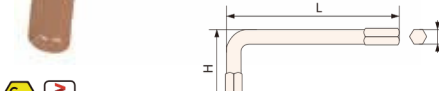
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL165B-65	BE165B-65 24	16	750 825 950
AL165B-80	BE165B-80 25	17	1045 1000
AL165B-100	BE165B-100 28	18	1100 1250
AL165B-125	BE165B-125 32	22	1380 1450
AL165B-150	BE165B-150 36	24	1600 1800
AL165B-200	BE165B-200 38	26	2000 2250
AL165B-250	BE165B-250 42	28	3500

Fire Hydrant Wrench



ITEM CODE	SIZE	N.W. (g)	
		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
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	52 130 145 140 54
AL166-13	BE166-13 13	160	180 150 58 191 211
AL166-14	BE166-14 14	156	60 230 260 162 63
AL166-15	BE166-15 15	270	300 168 65 335 370
AL166-16	BE166-16 16	173	69 402 450 177 72
AL166-17	BE166-17 17	445	490 184 74 595 652
AL166-18	BE166-18 18	186	77 615 675 192 82
AL166-19	BE166-19 19	755	825 200 84 840 925
AL166-21	BE166-21 21	206	90 940 1025 213 93
AL166-22	BE166-22 22	1115	1220 222 95 1235
AL166-24	BE166-24 24	1350	240 105 1475 1615
AL166-25	BE166-25 25	266	116 1885 2065 294
AL166-26	BE166-26 26	128	2650 2905 320 140
AL166-27	BE166-27 27		3760 4120
AL166-28	BE166-28 28		
AL166-30	BE166-30 30		
AL166-32	BE166-32 32		
AL166-36	BE166-36 36		
AL166-41	BE166-41 41		

WEDO WRENCH

Hex
Torx
Square
Ball

Tools Strength ↑
Working Angle →
Superior strength

Wrench, Hex Key



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL167-1002	BE167-1/16 5/8 25	6	8
1002	AL167-1004 5/64 5/8 25	6	8
BE167-1004	AL167-3/32 5/8 25	6	8
1006	BE167-1006 7/64 5/8 25	6	8
AL167-1008	BE167-1/8 5/8 25	6	8
BE167-1012	BE167-1012 64 28 64 7 8		
BE167-1014	BE167-5/32 65 30 9 10		
1014	AL167-1016 3/16 79 31 14 15		
BE167-1016	AL167-7/32 85 37 18 20		
1018	BE167-1018 1/4 85 37 27 30		
AL167-1020	BE167-9/32 88 43 40 45		
1020	AL167-1022 5/16 92 44 44 48		
BE167-1022	AL167-11/32 97 44 45 50		
1024	BE167-1024 3/8 110 45 80 85		
AL167-1026	BE167-7/16 119 48 100 110		
1026	AL167-1028 1/2 140 55 155 170		
BE167-1028	AL167-9/16 150 58 180 195		
1030	BE167-1030 5/8 162 63 245 270		
AL167-1032	BE167-11/16 168 65 325 355		
1032	AL167-1034 3/4 178 73 415 450		
BE167-1034	AL167-13/16 184 77 520 565		
1036	BE167-1036 7/8 187 79 595 650		
AL167-1038	BE167-15/16 192 82 755 825		
1038	AL167-1040 1 200 85 840 925		
BE167-1040	AL167-1-1/16 213 98 1115 1220		

Wrench, Hex Key With Ball

AL167-1044	BE167-1044		
1044	AL167-1046		
BE167-1046	AL167-1048		
1048	BE167-1048		
AL167-1050	BE167-1050		



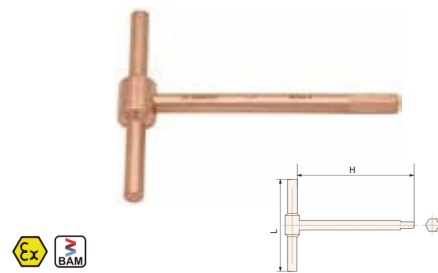
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL167A-2	BE167A-2 2	50	16 2 3
AL167A-3	BE167A-3 3	63	20 4 5
AL167A-4	BE167A-4 4	70	25 11 12
AL167A-5	BE167A-5 5	80	28 20 22
AL167A-6	BE167A-6 6	90	32 27 30
AL167A-7	BE167A-7 7	95	34 45 50
AL167A-8	BE167A-8 8	100	36 51 56
AL167A-9	BE167A-9 9	106	38 76 85
AL167A-10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



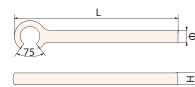
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL167C-2	BE167C-2 2	98	100 50 90 100
AL167C-3	BE167C-3 3	58	90 100 70 90
AL167C-4	BE167C-4 4	160	75 90 100 90
AL167C-5	BE167C-5 5	88	100 90
AL167C-6	BE167C-6 6	100	
AL167C-8	BE167C-8 8	100	
AL167C-10	BE167C-10 10	90	100 135 150

Valve Wrench, C Type



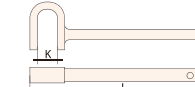
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL169-1002	BE169-1002 200	14.5	18.5 335 370
1004	BE169-1004 250	17.5	25.5 575 635
1006	BE169-1006 450	25.5	34.0 2160 2385

Valve Wrench, C Type



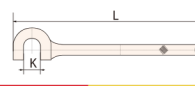
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL170-1002	BE170-1002 600 32 32	4115	4500

Valve Spanner (U Type)



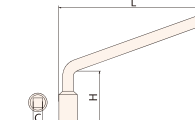
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL170A-1002	BE170A-1002 20 234 235 260		
1002	AL170A-1004 30 280 740 820		
BE170A-1004	AL170A-1004 35 335 885 980		
1006	BE170A-1006 35 400 1480 1640		

Valve Spanner (U Type)



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

Oxygen Bottle Wrench



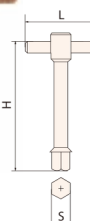
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL171-1002	BE171-1002 3/8 154 58	170	185

Wrench, Trigeminal



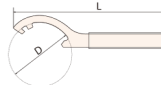
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL171B-08	BE171B-08 8*10*12 135	300	330
AL171B-09	BE171B-09 10*12*14 135	355	390
AL171B-10	BE171B-10 14*17*19 135	450	500

Wrench, T-type Sliding Hex



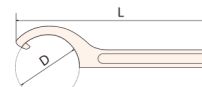
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL172-10	BE172-10 10 150 110 245 270		
AL172-12	BE172-12 12 170 130 265 290		
AL172-14	BE172-14 14 170 140 365 400		
AL172-17	BE172-17 17 190 150 423 465		
AL172-19	BE172-19 19 220 160 563 615		
AL172-22	BE172-22 22 240 170 605 660		
AL172-24	BE172-24 24 260 180 855 935		
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



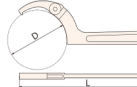
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL173A-1002	BE173A-1002 118 280 310 350		

Wrench, Hook



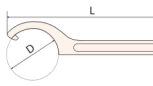
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL173-1002	BE173-1002 30-32 140 650		
AL173-1004	BE173-1004 34-36 170 955		
AL173-1006	BE173-1006 40-42 176 1155		
AL173-1008	BE173-1008 45-50 209 145 160		
AL173-1010	BE173-1010 52-55 212 150 170		
AL173-1012	BE173-1012 58-62 244 200 225		
AL173-1014	BE173-1014 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
AL173B-1002	BE173B-1002 19-50 162 110 120		
1002	AL173B-1004 32-75 205 235 260		
BE173B-1004	AL173B-1004 50-120 288 460 515		
1006	BE173B-1006 115-170 310 600 670		

Hook Wrench With Pin



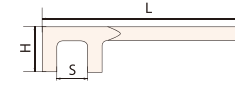
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL173C-1002	BE173C-1002 30-32 136 650		
1002	AL173C-1004 34-36 171 955		
BE173C-1004	AL173C-1004 40-42 171 1155		
1006	BE173C-1006 45-50 207 145 160		
AL173C-1008	BE173C-1008 52-55 207 150 170		
1008	AL173C-1010 58-62 243 200 225		
BE173C-1010	AL173C-1010 68-75 243 240 265		
1012	BE173C-1012 80-90 281 335 375		
AL173C-1014	BE173C-1014 95-100 281 370 415		
1014	AL173C-1016 110-115 333 690 770		

BE173C-1016 AL173C-

1018 BE173C-1018

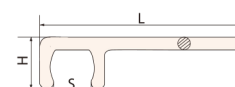
AL173C-1020 BE173C-

Valve Handle



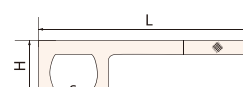
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL174-30	BE174-30 30 200 44 340 405	AL174-35	35 250 49 410 465
BE174-35	AL174-40 40 300 50 540 595	AL174-45	45 350 61 762 835
AL174-48	BE174-48 48 375 62 790 865	AL174-50	50 400 67 815 892
BE174-50	AL174-55 55 450 74 750 830	AL174-60	60 500 80 1100 1200
450 73 1110	AL174-60 60 500 79 1435	AL174-65	65 550 80 1755 1920
1570	AL174-65 65 550 80 1755 1920	AL174-70	70 600 80 1775 1945
AL174-70	BE174-70 70 600 80 1775 1945	AL174-75	75 650 85 2055 2245
75 650 85	AL174-80 80 700 91 2190 2405	AL174-85	85 750 97 2770 3050
AL174-90	BE174-90 90 800 103 3060 3360	AL174-93	93 850 107 3250 3553
BE174-93	AL174-96 96 900 110 3515 3870	AL174-100	100 1000 114 3795 4170
AL174-103	BE174-103 103 1200 120 5765 6330		

Valve Handle



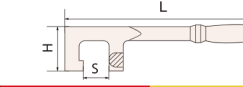
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL174A-30	BE174A-30 30 200 46 240 265	AL174A-35	35 250 52 340 375
40 300 54	AL174A-40 40 300 54 400 450	AL174A-45	45 350 60 530 585
585	AL174A-50 50 400 68 670 740	AL174A-55	55 450 74 750 830
60 500 80	AL174A-60 60 500 80 1100 1200	AL174A-65	65 550 83 1160 1280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

Valve Handle



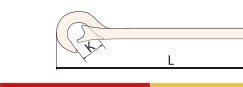
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL174B-30	BE174B-30 30 200 46 240 265	AL174B-35	35 250 52 340 375
40 300 54	AL174B-40 40 300 54 400 450	AL174B-45	45 350 60 530 585
585	AL174B-50 50 400 68 670 740	AL174B-55	55 450 74 750 830
60 500 80	AL174B-60 60 500 80 1100 1200	AL174B-65	65 550 83 1160 1280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

Valve Handle



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

Valve Spanner



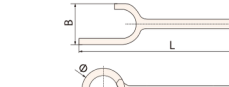
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL176A-1002	BE176A-1002 40 355 825 915		

Valve Handle



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

Valve Spanner



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL176B-1002	BE176B-1002 60 36 370 650 780		
1002	AL176B-1004 80 48 430 1350 1520		
BE176B-1004	AL176B-1004 102 62 550 2000 2250		

Valve Spanner



WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Hammer, Claw



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

Carpenter's Hammer



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL185A-500	500 300	700	700
AL185A-600	600 330	870	870

Hammer, Cutoff



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

Hammer, Cutoff



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

Hammer, Sledge



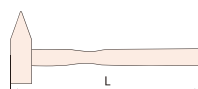
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL191-1002	450 310	610	610
AL191-1004	1000 350	1300	1300
AL191-1006	1400 1700	400	1800
AL191-1008	1500 1800	400	2100
AL191-1010	1800 400	2300	400
AL191-1012	2000 2500	700	3210
AL191-1014	2200 3210	700	3410
AL191-1016	2500 700	3710	700
AL191-1018	2700 4310	900	4910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

Hammer, Sledge



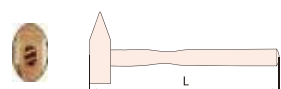
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL191A-1002	450 310	450	450
1002	1000 350	1000	400
BE191A-1004	1400 1400	400	1500
1006	1500 1500	400	1800
AL191A-1008	1800 400	2000	400
1008	2000 2200	700	2500
BE191A-1010	2200 2500	700	2700
1012	2500 700	3000	700
AL191A-1014	2700 3600	900	4000
1014	3000 4000	900	4500
BE191A-1016	3600 900	5000	900
1018	4000 5400	900	6400
AL191A-1020	4500 6400	900	7200
1020	5000 900	8000	900
BE191A-1022	5400 8200	900	9100
1024	6400 9100	9000	9900
AL191A-1026	BE191A-1026	7200	
1026	AL191A-1028	8000	
BE191A-1028	AL191A-1028	8200	
1030	BE191A-1030	9100	
AL191A-1032	BE191A-1032	9900	

Hammer, Cross Pein Engine



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

Hammer, Cross Pein Engineers'



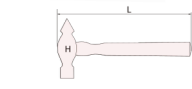
ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL186A-1002	500 310	600	600
AL186A-1004	1000 320	1150	360
AL186A-1006	1500 1650	380	2200
AL186A-1008	2000 2200	700	3400
AL186A-1010	3000 800	5500	5500
AL186A-1012	BE186A-1012	5000	

Hammer, Cutoff (Japan Type)



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

Hammer, Engineer's Cross Pein



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

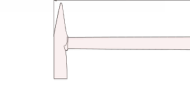
BE189B-1004

Hammer, Cutoff (Japan Type)



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

Hammer, Scaling



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

BE190-1004

Sledge Hammer With Hickory Handle



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL191G-1002	450 310	640	640
1002	AL191G-1004	1000	1200
BE191G-1004	AL191G-1004	1400	1620
1006	BE191G-1006	1500	1720
AL191G-1008	BE191G-1008	1800	2240
1008	AL191G-1010	2000	2440
BE191G-1010	AL191G-1010	2200	2740
1012	BE191G-1012	2500	3500
AL191G-1014	BE191G-1014	2700	4100
1014	AL191G-1016	3000	4600
BE191G-1016	AL191G-1016	3600	5600
1018	BE191G-1018	4000	6000
AL191G-1020	BE191G-1020	4500	7000
1020	AL191G-1022	5000	8700
BE191G-1022	AL191G-1022	5400	9800
1024	BE191G-1024	6400	9800
AL191G-1026	BE191G-1026	7200	10600
1026	AL191G-1028	8000	
BE191G-1028	AL191G-1028	8200	
1030	BE191G-1030	9100	
AL191G-1032	BE191G-1032	9900	

Hammer, Sledge



ITEM CODE	SIZE	N.W. (g)	
		AL-BR	BE-CU
AL191B-1002	450 310	450	450
1002	AL191B-1004	1000	1000
BE191B-1004	AL191B-1004	1400	1500
1006	BE191B-1006	1500	1800
AL191B-1008	BE191B-1008	1800	2000
1008	AL191B-1010	2000	2500
BE191B-1010	AL191B-1010	2200	2700
1012	BE191B-1012	2500	3000
AL191B-1014	BE191B-1014	2700	3600
1014	AL191B-1016	3000	4500
BE191B-1016	AL191B-1016	3600	5000
1018	BE191B-1018	4000	5400
AL191B-1020	BE191B-1020	4500	7200
1020	AL191B-1022	5000	8000
BE191B-1022	AL191B-1022	5400	9100
1024	BE191B-1024	6400	9900
AL191B-1026	BE191B-1026	7200	
1026	AL191B-1028	8000	
BE191B-1028	AL191B-1028	8200	
1030	BE191B-1030	9100	
AL191B-1032	BE191B-1032	9900	

AL191B-1034

BE191B-1034

AL191B-1036

BE191B-1036

OEM

PROFESSIONAL TOOLS

NON-SPARKING HAMMER

WEDO
TOOLS FOR SAFETY

- Beryllium copper/Aluminum bronze material.
- Non-sparking, safely to be used.
- Customized upon requests.

WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Hammer, Sledge (German Type)



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

1012 BE191C-1012

Club Hammer

1014



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

Hammer, Nylon Heads



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

AL191E-1004

Hammer, Nylon Heads



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

Hammer, Testing



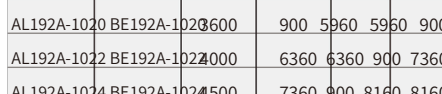
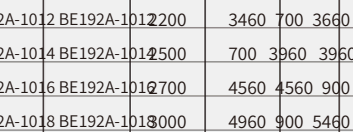
ITEM CODE	AL BR BE CU	SIZE		N.W. (g)	
		Head(g)	L(mm)	AL-BR	BE-CU
AL192-1002	BE192-1002	150	280	206	206
AL192-1004	BE192-1004	250	280	345	345

Sledge Hammer



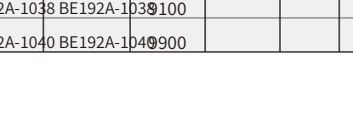
ITEM CODE	AL BR BE CU	SIZE		N.W. (g)	
		Head(g)	L(mm)	AL-BR	BE-CU
AL192A-1002	BE192A-1002	1000	370	1800	1300
AL192A-1004	BE192A-1004	400	1700	370	1800
AL192A-1006	BE192A-1006	500	1800	370	2100
AL192A-1008	BE192A-1008	800	370	2800	2300
AL192A-1010	BE192A-1010	2000	2500	700	3460
AL192A-1012	BE192A-1012	2200	3460	700	3660
AL192A-1014	BE192A-1014	2500	700	3960	700
AL192A-1016	BE192A-1016	2700	4560	900	4960
AL192A-1018	BE192A-1018	3000	4960	900	5460
AL192A-1020	BE192A-1020	3600	900	5960	900
AL192A-1022	BE192A-1022	4000	6360	900	7360
AL192A-1024	BE192A-1024	4500	7360	900	8160
AL192A-1026	BE192A-1026	5000	900	8960	900
AL192A-1028	BE192A-1028	5400	9160	9160	900
AL192A-1030	BE192A-1030	6400	10060	10060	900
AL192A-1032	BE192A-1032	7200	10860	10860	
AL192A-1034	BE192A-1034	8000			
AL192A-1036	BE192A-1036	200			
AL192A-1038	BE192A-1038	100			
AL192A-1040	BE192A-1040	900			

Axe



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

Axe Fireman



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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

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

Hammer, Testing

WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Shovel, Round Point



Ex BAM

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

Shovel, Square (Plastic D-handle)



Ex BAM

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

Shovel, Square with locking Clip (Bronze Hoop)



Ex BAM

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

Shovel, Square (Anti-skid Sleeve)



Ex BAM

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

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



Ex BAM

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

Shovel, Square Long Straight Neck with Fiberglass Handle (American Type)



Ex BAM

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

Shovel, Round Point



Ex BAM

ITEM CODE		SIZE(mm)			N.W.-(g)	
AL	BR	L	B	H	AL	BR
AL200B-1002	BE200B-1002	990	240	420	1420	1553

Shovel, Square (Bronze Hoop)



Ex BAM

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


Shovel, Square with Locking Clip (Anti-skid Sleeve)



Ex BAM

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

Shovel, Square (Plastic D-handle)



Ex BAM

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

Shovel, Square Long Bent Neck with Bronze Hoop (American Type)



Ex BAM

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

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



Ex BAM

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


Shovel, Snow



Ex BAM

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


Shovel, Square (Anti-skid Sleeve)



Ex BAM

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


Shovel, Square (Plastic D-handle)



Ex BAM

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


Shovel, Square (Bronze Hoop)



Ex BAM

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


Shovel, Square Long Bent Neck with Anti-skid Sleeve (American Type)



Ex BAM

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


Shovel, Square Long Straight Neck with Bronze Hoop (American Type)



Ex BAM

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


Deep Edging Spade with Plastic D-handle



Ex BAM

ITEM CODE		SIZE(mm)			N.W.-(g)	
AL	BR	H	B	H1	AL	BR
AL201A-1002	BE201A-1002	1390	195	290	1740	1840
1002	AL201A-1004	180	340	1880	2040	

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



Ex BAM

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


Shovel, Square (Bronze Hoop)



Ex BAM

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


Shovel, Square (Anti-skid Sleeve)



Ex BAM

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

Shovel, Square Long Bent Neck with Fiberglass Handle (American Type)



Ex BAM

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

Shovel, Square Long Straight Neck with Anti-skid Sleeve (American Type)



Ex BAM

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

WE THE CRAFTSMEN DO SAFETY FIRST

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



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

Shovel, Round Point (Bronze Hoop)



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

Shovel, Round Point Long Type (Anti-skid Sleeve)



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

Shovel, Square Long Bent Neck with Bronze Hoop (American Type)



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

Shovel, Round Point (Anti-skid Sleeve)



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

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



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

Shovel, Square Long Bent Neck with Anti-skid Sleeve(American Type)



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

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



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

Shovel, Round Point with Locking Clip (Bronze Hoop)



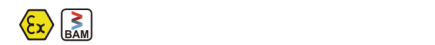
ITEM CODE		SIZE	
AL-RR	BE-CH	L(mm)	B(mm)
AL2011-1002	BE2011-1002	1200	220

Shovel, Round Point (Plastic D-handle)



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

Shovel, Round Point Long Type (Bronze Hoop)



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

Shovel, Round Point with locking Clip (Anti-skid Sleeve)



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

WE THE CRAFTSMEN DO SAFETY FIRST

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



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

Shovel, Round Point Long Bent Neck (Bronze Hoop)



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

Shovel, Round Point Long Bent Neck (Bronze Hoop)



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

Shovel, Round Point with Bronze Hoop (Japanese Type)



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

Shovel, Round Point Long Bent Neck (Anti-skid Sleeve)



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

Shovel, Round Point Long Bent Neck (Anti-skid Sleeve)



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

Shovel, Round Point with Anti-skid Sleeve (Japanese Type)



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

Shovel, Round Point Long Bent Neck (with Fiberglass Handle)



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

Shovel, Round Point Long Straight Neck (Plastic D-handle)



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

Shovel, Round Point Long Bent Neck (Plastic D-handle)



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

Shovel, Round Point Long Bent Neck (Plastic D-handle)



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

Shovel, Round Point Long Straight Neck (Bronze Hoop)



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

WE THE CRAFTSMEN DO SAFETY FIRST

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



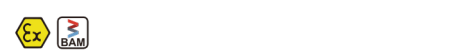
ITEM CODE		SIZE	
AL- BR	BE- CU	L(mm)	B(mm)
AL2029-1002	BE2029-1002	1030	245

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

WE THE CRAFTSMEN DO SAFETY FIRST

Shovel, Military



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

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

Shovel, Military (Mini Type)



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

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
1002	AL202B-1004	137	250	125	105

Shovel, Military (Multi-function)



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

Knife, Putty



ITEM CODE		SIZE		N.W. (g)	
AL- BR	BE- CU	K(mm)	L(mm)	AL- BR	BE- CU
AL203A-1002	BE203A-1004	25	203	95	85
1002	AL203A-1004	40	203	105	90
BE203A-1004	AL203A-1004	50	203	110	95
1006	BE203A-1006	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
1002	AL203B-1004	100	203	150	125
BE203B-1004	AL203B-1004	150	203	310	280

Spatula



ITEM CODE		SIZE (mm)		N.W. (g)	
AL- BR	BE- CU	K	L	AL- BR	BE- CU
AL204A-1002	BE204A-1002	30	90	203	80
1002	AL204A-1004	50	105	218	110
BE204A-1004	AL204A-1004	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	AL- BR	BE- CU
AL204D-1002	BE204D-1002	350	230	110	120

WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS


Knife



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	L1(mm)	AL-BR BE-CU	
AL204F-1002 BE204F-1002110	216	120	180	

Scraper



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	H	
AL205A-1002 BE205A-100250	202	50	2	625/683

Scraper, Deck



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	B(mm)	AL-BR BE-CU	
AL208-1002 BE208-1002270	270	40		338/371

Knife



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	L1(mm)	AL-BR BE-CU	
BE204G-1002	75	180		90

Scraper, Flat



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	H	
AL206-1002 BE206-1002200	302	30	325	300/330
AL206-1004 BE206-1004300	303	30	430	440/480
AL206-1006 BE206-1006350	350	35	490	580/640
AL206-1008 BE206-1008350	50	490	910	1020
AL206-1010 BE206-1010400	60	560	1330	1520

Scraper, Deck



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	B(mm)	AL-BR BE-CU	
AL209-1002 BE209-1002300	300	48		391/432

Knife, Wire Stripping and Scraping



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	L1(mm)	AL-BR BE-CU	
AL204H-1002 BE204H-100220	230	110	120	

Scraper, Deck



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	B(mm)	AL-BR BE-CU	
AL210-1002 BE210-1002380	380	38		720/821

Scraper, Deck



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	B(mm)	AL-BR BE-CU	
AL210-1002 BE210-1002380	380	38		720/821

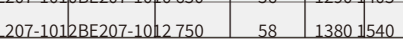
Scraper



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	H	
AL205-1002 BE205-1002902	50	2		625/683

Scraper



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(inch)	B (inch)	AL-BR BE-CU	
AL207A-1002 BE207A-100212	2			425/460

Scraper, Spray Booth



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	B(mm)	AL-BR BE-CU	
AL211-1002 BE211-1002235	235	76		358/392

Scraper



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	L1	
AL212-1002 BE212-1002	690	50	90	520/550/705/75/100
1002 AL212-1004	700	750	720	100/115/800/850
BE212-1004 AL212-1006	765	150	150	1300/1400

Opener Carbide Drum



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	B(mm)	AL-BR BE-CU	
AL214-1002 BE214-1002280	280	53		358/392


Plane Blade



Ex BAM

ITEM CODE	SIZE			N.W. (g)
	L(mm)	B(mm)	AL-BR BE-CU	
AL216-1002 BE216-1002175	175	43		120/180


Scraper, Rust



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	L1	
AL212B-1002 BE212B-1002	600	75	75	620/700


Scraper, Tile Cleaver



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	L1	
AL215-1002 BE215-1002	180	55	350	550/610


File, Flat



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)	
	L (inch)	B	H		
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

Scraper, Arched



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	L1	
AL213-1002 BE213-1002	690	50	120	600/650
1004 BE213-1004	710	100	120	830/925
1006 BE213-1006	720	150	120	980/1080

Trowel Bricklay



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	L1	
AL215A-1002 BE215A-1002	35	130	215	620/700

File, Half Round



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)	
	L (inch)	B	H		
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

Scraper, Floor



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	L1	
AL213A-1002 BE213A-1002	150	170	1000	1150

Trapezia Shovel Bricklay



Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L	B	L1	
AL215B-1002 BE215B-1002	80	160	390	420

File, Round

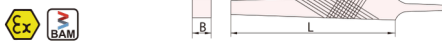


Ex BAM

ITEM CODE	SIZE(mm)			N.W. (g)
	L (inch)	B	H	
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

NON-SPARKING-TOOLS

File, Square



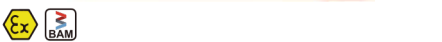
ITEM CODE	SIZE(mm)			N.W. (g)
	L (inch)	B	R	
BE220-1002	8	200	8	130
BE220-1004	10	250	10	155
BE220-1006	12	300	11	202
BE220-1008	14	350	12	303

File, Triangle



ITEM CODE	SIZE(mm)			N.W. (g)
	L (inch)	B	R	
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



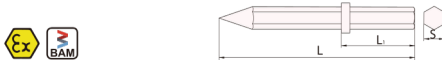
ITEM CODE	SIZE	N.W. (g)
BE221A ○	180	5
BE221A □	180	5
BE221A △	180	5
BE221A ▭	180	5
BE221A ◻	180	5

Punch, Machinists'



ITEM CODE	SIZE		N.W. (g)
	L (mm)	φ (mm)	
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)
	S	L	L1	
AL223-1002 BE223-1002	28	500	150	2400 2650

Punch Machinists'



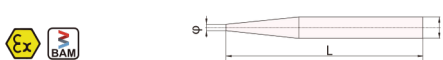
ITEM CODE	SIZE		N.W. (g)
	L (mm)	φ (mm)	
AL223A-1002 BE223A-1002	150	5	215 235
AL223A-1004 BE223A-1004	150	8	255 285
AL223A-1006 BE223A-1006	150	10	315 345

Drift Cylindrical



ITEM CODE	SIZE(mm)		N.W. (g)
	L	φ	
AL223B-1002 BE223B-1002	20	9	110 115
AL223B-1004 BE223B-1004	20	10	110 115 115 95
AL223B-1006 BE223B-1006	20	10	110 115 115 95
AL223B-1008 BE223B-1008	20	14	120 115 130
AL223B-1010 BE223B-1010	20	16	145 180 200
AL223B-1012 BE223B-1012	20	18	160 260 280
AL223B-1014 BE223B-1014	20	20	180 380 410
AL223B-1016 BE223B-1016	20	24	200 600 640
AL223B-1018 BE223B-1018	20	30	225 960 1070
AL223B-1020 BE223B-1020	20	32	225 1110 1230

Punch



ITEM CODE	SIZE(mm)			N.W. (g)
	φ	L	L1	
AL223C-1002 BE223C-1002	11	150	95	105
AL223C-1004 BE223C-1004	12	150	115	130
AL223C-1006 BE223C-1006	13	150	135	150
AL223C-1008 BE223C-1008	14	150	150	170
AL223C-1010 BE223C-1010	16	175	230	255
AL223C-1012 BE223C-1012	18	175	300	335
AL223C-1014 BE223C-1014	19	255	1060	1180

Punch, Machinists'



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

Punch, Center



ITEM CODE	SIZE		N.W. (g)
	L (mm)	φ (mm)	
AL223F-1002 BE223F-1002	12	70	80

Scraper, Triangular



ITEM CODE	SIZE(mm)			N.W. (g)
	L	H	K	
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)
	φ	L	L1	
AL223E-1002 BE223E-1002	8	115	118	125
1002 AL223E-1004	10	135	140	155
BE223E-1004 AL223E-1004	12	155	190	215
1006 BE223E-1006	14	180	200	380 420
AL223E-1008 BE223E-1008	15	19	200	390 435
1008 AL223E-1010	16	200	435	480
BE223E-1010 AL223E-1010	17	210	540	570
1012 BE223E-1012	18	225	560	600
AL223E-1014 BE223E-1014	19	235	780	860
1014 AL223E-1016	20	245	790	875
BE223E-1016 AL223E-1016	21	250	885	950
1018 BE223E-1018	22	265	920	965
AL223E-1020 BE223E-1020	24	285	1150	1270
1020 AL223E-1022	25	295	1170	1800
BE223E-1022 AL223E-1022	26	305	1250	1890
1024 BE223E-1024	27	310	1770	1900

Scraper, Plate



ITEM CODE	SIZE		N.W. (g)
	L (mm)	B (mm)	
AL224A-1002 BE224A-1002	150	810	900

Scraper, Halfmoon



ITEM CODE	SIZE		N.W. (g)
	L (mm)	B (mm)	
AL224B-1002 BE224B-1002	100	235	260

Scraper, Triangular



ITEM CODE	SIZE(mm)			N.W. (g)
	L	H	K	
AL224C-1002 BE224C-1002	300	20		380 420

Scraper, Half Round



ITEM CODE	SIZE(mm)			N.W. (g)
	L	H	B	
AL224D-1002 BE224D-1002	300	30	5	380 420

Chisel, Cross



ITEM CODE	SIZE(mm)		N.W. (g)
	L	B	
AL225-1002 BE225-1002	20	220	432 475

Chisel, Cross Cutting



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

1006 BE225A-1006

Scraper Pick And Scaler



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

Chisel, Flat



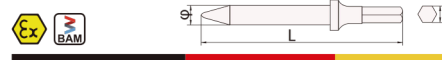
ITEM CODE	SIZE		N.W. (g)
	L (mm)	B (mm)	
AL225C-1002 BE225C-1002	150	22	230 255
1002 AL225C-1004	200	22	295 325
BE225C-1004 AL225C-1004	250	24	480 525
1006 BE225C-1006	300	25	675 740
AL225C-1008 BE225C-1008	400	27	1050 1155

Chisel, Flat (with Sheath)



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

Chisel, Pneumatic



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

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Chisel, Pneumatic



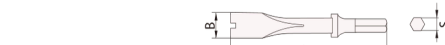
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL226A-1002	BE226A-1002	300	20	775	850
AL226A-1004	BE226A-1004	455	30	2630	2880

Chisel, Pneumatic



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL227-1002	BE227-1002	102	14	160	175
AL227-1004	BE227-1004	175	20	218	210

Chisel, Pneumatic



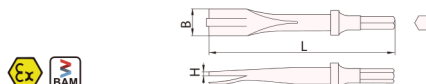
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL228-1002	BE228-1002	102	14	152	117
AL228-1004	BE228-1004	175	20	190	122

Chisel, Pneumatic



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL229-1002	BE229-1002	102	14	162	142
AL229-1004	BE229-1004	175	20	213	183

Chisel, Pneumatic



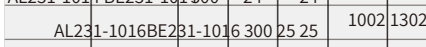
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL230-1002	BE230-1002	102	14	127	112
AL230-1004	BE230-1004	175	20	178	153

Chisel, Flat



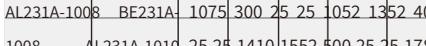
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL231-1002	BE231-1002	160	14	175	160
AL231-1004	BE231-1004	160	16	231	210

Chisel, Flat



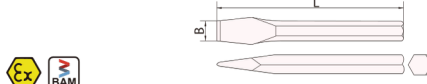
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL231-1006	BE231-1006	160	18	295	271
AL231-1010	BE231-1010	200	20	473	430

Chisel, Flat (with Sheath)



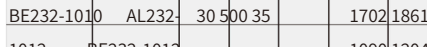
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL231A-1002	BE231A-1002	160	14	225	160
AL231A-1004	BE231A-1004	281	16	345	200

Chisel Hex/6 Point



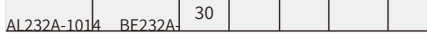
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL232-1002	BE232-1002	102	14	92	98
AL232-1004	BE232-1004	200	16	251	231

Chisel Hex / 6 Point (with Sheath)



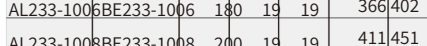
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL232A-1002	BE232A-1002	102	14	200	160
AL232A-1004	BE232A-1004	281	16	312	292

Chisel 8 Point



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL232A-1006	BE232A-1006	160	18	282	259
AL232A-1010	BE232A-1010	200	20	473	430

Chisel 8 Point



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL233-1002	BE233-1002	160	14	186	170
AL233-1004	BE233-1004	160	16	255	230

Chisel, Diamond Point



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL233A-1002	BE233A-1002	200	20	580	525

Chisel, 8 Point (with Sheath)



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL233B-1002	BE233B-1002	160	14	236	220
AL233B-1004	BE233B-1004	160	16	305	280

Caulking Tool



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

Caulking Tool



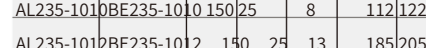
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL234A-1002	BE234A-1002	50	5	184	120

Wedge, Flange



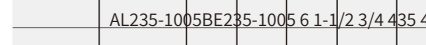
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL235-1002	BE235-1002	80	13	25	23
AL235-1004	BE235-1004	100	16	201	185

Punch, Center



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL235-1006	BE235-1006	150	40	200	180
AL235-1010	BE235-1010	150	25	122	112

Bar, Pinch



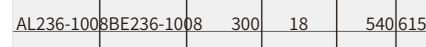
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL235-1001	BE235-1001	100	11	110	100
AL235-1003	BE235-1003	6	1 1/2	220	200

Punch, Center



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL235-1007	BE235-1007	7	2 3/4	755	680
AL235-1009	BE235-1009	8	1 1/2	855	770

Bar, Pinch



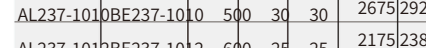
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL235-1011	BE235-1011	118	1 1/2	1500	1360

Bar



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL237-1002	BE237-1002	500	15	738	675
AL237-1004	BE237-1004	500	19	1150	1050

Bar, Pinch



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL237-1006	BE237-1006	500	20	1295	1185
AL237-1008	BE237-1008	500	25	1975	1805

Bar, Pinch



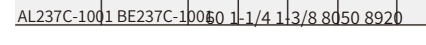
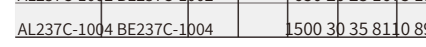
ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL237-1010	BE237-1010	500	30	2925	2675
AL237-1012	BE237-1012	600	25	2380	2175

Bar, Pinch



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL237-1014	BE237-1014	1000	25	4710	4305
AL237-1016	BE237-1016	1000	28	5595	5115

Bar, Pinch



ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL237-1018	BE237-1018	800	30	3175	2905
AL237-1020	BE237-1020	800	30	4490	4105

Bar, Pinch

ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL237-1022	BE237-1022	850	30	3985	3645
AL237-1024	BE237-1024	1000	25	4710	4305

Bar, Pinch

ITEM CODE		SIZE (mm)		N.W. (g)	
AL	BE	L	Φ	AL	BE
AL237-1026	BE237-1026	1000	28	5595	5115
AL237-1028	BE237-1028	1000	30	6375	5795

Bar, Pinch

NON-SPARKING-TOOLS

Bar (Hex) Pinch



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

Bar, Pinch



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

Spike



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

Tire Pry Bar



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

AL237F-1008 BE237F-1008

1008

Hearing Needle



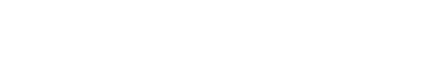
ITEM CODE	SIZE			N.W. (g)	
	AL-BR	BE-CU		AL-BR	BE-CU
AL238-1002	BE238-1002	250	6 75	85	
AL238-1004	BE238-1004	300	8	135	150
AL238-1006	BE238-1006	400	7	145	160
AL238-1008	BE238-1008	500	10	305	385

Hearing Needle With Ball



ITEM CODE	SIZE			N.W. (g)	
	AL-BR	BE-CU		AL-BR	BE-CU
AL238A-1002	BE238A-1002	2500	6	2100	2320

Needle



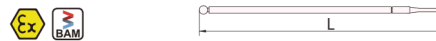
ITEM CODE	SIZE			N.W. (g)	
	AL-BR	BE-CU		AL-BR	BE-CU
BE238B-1002		180	3		12

Hearing Needle



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

Bar, Wrecking



ITEM CODE	SIZE			N.W. (g)	
	AL-BR	BE-CU		AL-BR	BE-CU
AL239-1002	BE239-1002	250	13 15 15	250	280

Bar, Wrecking



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

1006 BE240A-1006

Crate Opener



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

Shears, Cutting



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

Shears, Cutting



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

Scissors



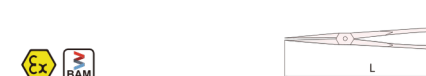
ITEM CODE	SIZE			N.W. (g)	
	AL-BR	BE-CU		AL-BR	BE-CU
AL244A-1002	BE244A-1002	225	98	210	245

Tinne Snip Plate Shear



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

Mini Scissors



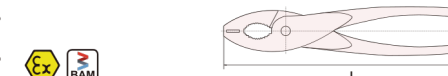
ITEM CODE	SIZE			N.W. (g)	
	AL-BR	BE-CU		AL-BR	BE-CU
AL244D-1002	BE244D-1002	195		105	115

Pliers, Adjustable Combination

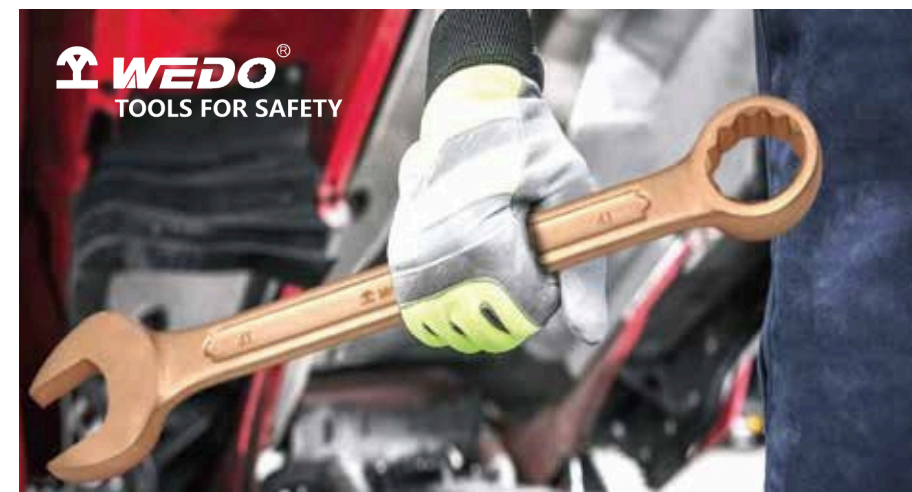


ITEM CODE	SIZE				N.W. (g)	
	AL-BR	BE-CU	K(mm)	l(mm)	AL-BR	BE-CU
AL245-1002	BE245-1002	8	150	165	175	
1002	AL245-1004	13	200	330	355	

Gas Pliers



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



NON-SPARKING-TOOLS

WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Pliers, Adjustable Combination (Germany Type)



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

Pliers, Lineman



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (inch) L (mm)		AL-PP	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

Pliers, Lineman, German Type



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

Germany Bent Pliers, Lineman



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

Pliers, Diagonal Cutting (American Type)



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

Mini Pliers, Diagonal Cutting



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

Pliers, Diagonal Cutting (American Type)



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

Pincers



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (inch) L (mm)		AL-PP	BE-CU
AL249-1002	BE249-1002	8	200	300	332

Pincers



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (inch) L (mm)		AL-PP	BE-CU
AL249A-1002	BE249A-1002	7	175	225	322

Pincers



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (inch) L (mm)		AL-PP	BE-CU
AL249B-1002	BE249B-1002	6	150	175	312

Pliers, Flat Nose



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

Pliers, Snipe Nose



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (inch) L (mm)		AL-PP	BE-CU
AL254-1002	BE254-1002	6	150	170	190
AL254-1004	BE254-1004	8	300	385	

Pliers, Snipe Nose, German Type



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (mm) L (mm)		AL-PP	BE-CU
AL254A-1002	BE254A-1002	200		290	322

Bent Pliers, Snipe Nose, German Type



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (mm) L (mm)		AL-PP	BE-CU
AL254B-1002	BE254B-1002	200		295	322

Pliers, Round Nose



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

Pliers, Round 45° Degree Bent



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

Pliers, Groove Joint



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (mm) L (mm) K (mm)		AL-PP	BE-CU
AL251-1002	BE251-1002	6	150	25	160
AL251-1004	BE251-1004	10	250	45	370
AL251-1006	BE251-1006	12	300	55	600
AL251-1008	BE251-1008	14	350	55	770

Pliers, Slip Joint



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (mm) L (inch) K (mm)		AL-PP	BE-CU
AL252-1002	BE252-1002	10	250	32	335

Pliers, Water Pump



ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	Size (inch) L (mm)		AL-PP	BE-CU
AL252A-1002	BE252A-1002	10	250	32	310
1002	AL252A-1004	12	300	52	610

Pliers, Slip Joint



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

Pliers, Snap Ring-Internal



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

Bolt Chipper

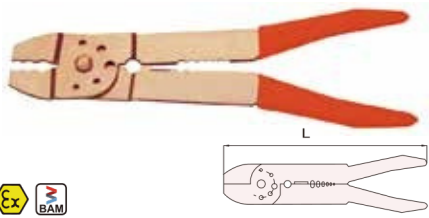


ITEM CODE		SIZE		N.W. (g)	
AL-PP	BE-CU	L (mm)	D (mm)	AL-PP	BE-CU
AL257A-1002	BE257A-1002	600	6 8	3070	3350
1002	AL257A-1004	900		8400	9250

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Crimping Tool, Insulated Cable Connectors



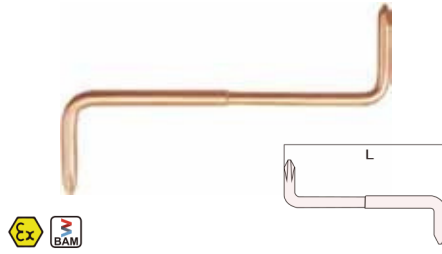
ITEM CODE	SIZE	N.W. (g)
AL BR BE CU	L (inch) L (mm)	AL BR BE CU
AL257B-1002 BE257B-1002	8 200	205 225

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	

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

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

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

Slotted Screwdriver



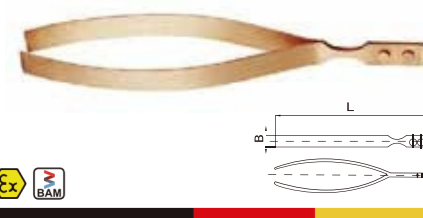
ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	L B	AL BR BE CU
AL260-1002 BE260-1002	50 134 3 33	AL260-
AL260-1004 BE260-1004	50 134 4.5 40	AL260-1006
AL260-1006 BE260-1006	75 159 3 32	AL260-1008 BE260-
AL260-1008 BE260-1008	75 159 4 42	AL260-1010 BE260-1010 75
AL260-1010 BE260-1010	100 184 4 42	
AL260-1014 BE260-1014	100 205 5 70	AL260-
AL260-1016 BE260-1016	100 215 6 80	AL260-1018
AL260-1018 BE260-1018	125 240 6 95	
AL260-1020 BE260-1020	150 265 6 105 110	
AL260-1022 BE260-1022	150 265 7 120 125	
AL260-1024 BE260-1024	150 277 8 135 140	
AL260-1026 BE260-1026	200 327 8 155 165	AL260-
AL260-1028 BE260-1028	250 377 9 175 185	AL260-1030
AL260-1030 BE260-1030	250 377 11 245 260	AL260-1032 BE260-
AL260-1032 BE260-1032	300 427 10 230 245	
AL260-1034 BE260-1034	300 427 11 275 290	
AL260-1036 BE260-1036	350 477 11 300 320	AL260-
AL260-1038 BE260-1038	400 550 12 430 450	AL260-1040
AL260-1040 BE260-1040	450 600 13 450 485	

Locking Pliers



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

Tweezers, Flat Nose



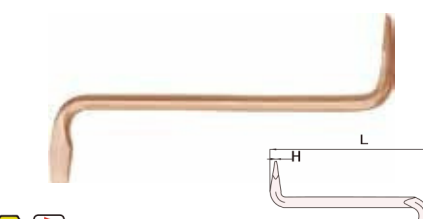
ITEM CODE	SIZE	N.W. (g)
AL BR BE CU	L (mm) D	AL BR BE CU
AL258A-1002 BE258A-1002	100 8	30 25
AL258A-1004 BE258A-1004	200 15	65 55

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	

Slotted Offset Screwdriver



ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	L H	AL BR BE CU
AL259-1002 BE259-1002	72 1.1	6 23 25
AL259-1004 BE259-1004	125 1.2	8 50 55
AL259-1006 BE259-1006	196 1.6	10 124 185

Stubby Slotted Screwdriver



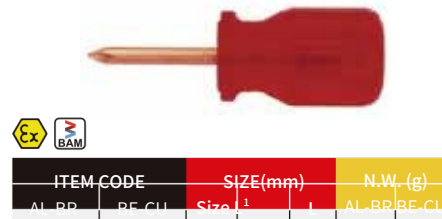
ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	L B	AL BR BE CU
AL260A-1002 BE260A-	3 36 83 36	40 45
1002 AL260A-1004	4 83 36 83	43 50
BE260A-1004 AL260A-	5 36 83	45 50
1006 BE260A-1006	6	50 55

Phillips Screwdriver



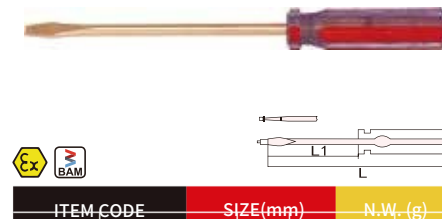
ITEM CODE	SIZE	N.W. (g)
AL BR BE CU	L L1 Size	AL BR BE CU
AL261-1002 BE261-1002	50 134 0# 32	AL261-
AL261-1004 BE261-1004	75 159 1# 63	AL261-1006
AL261-1006 BE261-1006	100 205 1# 70	AL261-1008 BE261-
AL261-1008 BE261-1008	125 240 2# 95	
AL261-1010 BE261-1010	150 265 2# 105 110	
AL261-1012 BE261-1012	200 327 3# 155 165	
AL261-1014 BE261-1014	250 377 3# 170 185	
AL261-1016 BE261-1016	300 427 4# 230 245	
AL261-1018 BE261-1018	350 477 4# 255 270	
AL261-1020 BE261-1020	400 550 4# 280 295	AL261-
AL261-1022 BE261-1022	450 600 4# 300 320	

Stubby Phillips Screwdriver



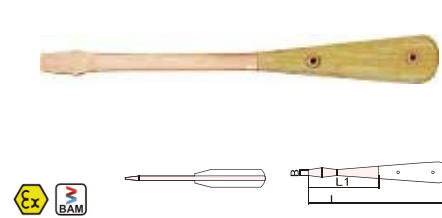
ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	Size L B	AL BR BE CU
AL261A-1002 BE261A-	0# 36 83 36	40 45
1002 AL261A-1004	1# 83 36 83	45 50
BE261A-1004 AL261A-	2#	50 55

Slotted Screwdriver



ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	L B	AL BR BE CU
AL263-1002 BE263-	50 108 3	32 35
1002 AL263-1004	75 133 3	44 48
BE263-1004 AL263-	75 153 4	45 50
1006 BE263-1006	75 153 5	46 51
AL263-1008 BE263-	100 178 4	55 60
1008 AL263-1010	100 178 5	65 71
BE263-1010 AL263-	100 193 6	70 77
1012 BE263-1012	150 243 7	105 115
AL263-1014 BE263-	200 305 8	180 197
1014 AL263-1016	250 355 9	202 221
BE263-1016 AL263-	300 420 10	278 304
1018 BE263-1018	350 470 11	335 365

Screwdriver



ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	L B	AL BR BE CU
AL262-1002 BE262-	250 110 8	125 135
1002 AL262-1004	300 160 10	204 220
BE262-1004 AL262-	500 350 11	275 305
1006 BE262-1006		461 505

Electrician Screwdriver



ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	L B	AL BR BE CU
AL263A-1002 BE263A-	50 134 3	35 37
1002 AL263A-1004	100 184 4	45 47
BE263A-1004 AL263A-	100 215 6	90 95
1006 BE263A-1006	150 277 8	135 145
AL263A-1008 BE263A-	200 327 10	210 280

Driver Hex Nut



ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	L S	AL BR BE CU
AL263B-1002 BE263B-	90 205 6	
1002 AL263B-1004	100 215 8	
BE263B-1004 AL263B-	110 225 10	130 140
1006 BE263B-1006	110 237 13	172 185
AL263B-1008 BE263B-	120 247 16	205 220
1008 AL263B-1010	120 247 17	218 280

Pozidriv Screwdriver



ITEM CODE	SIZE	N.W. (g)
AL BR BE CU	Size L1 L2 L3 L4	AL BR BE CU
AL264-1002 BE264-	0# 50 134 33 159	35
1002 AL264-1004	1# 75 42 215 80	45
BE264-1004 AL264-	2# 100 3#	85
1006 BE264-1006	150 4# 277 135 145 327	
AL264-1008 BE264-	200 210 230	

Torx Screwdriver



ITEM CODE	SIZE (mm)	N.W. (g)
AL BR BE CU	Size L1 L2 L3 L4	AL BR BE CU
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 125 125 240 100 105	
AL264A-1010 BE264A-1010	T30 150 150 265 100 110	
AL264A-1012 BE264A-1012	T40 200 200 327 155 165	
AL264A-1014 BE264A-1014	T45 250 250 377 175 185	
AL264A-1016 BE264A-1016	T50 300 300 427 195 205	
AL264A-1018 BE264A-1018	T55 350 350 500 225 245	
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, T25, T27, T30, T40

NON-SPARKING-TOOLS

Manual Impact Screwdriver Set



ITEM CODE		SIZE	N.W. (g)	
AL-RR	BE-CU	Size (mm) PCS	AL-RR	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-RR	BE-CU	Length (mm) Dia (mm) PCS	AL-RR	BE-CU
AL266-1002	BE266	350 50 150 3 32 3 1	750	825
1002	AL266-1004	700 175 4 63 4 1 100		
BE266-1004	AL266	700 5 70 5 2 125 225		
1006	BE266-1006	400 5		
AL266-1008	BE266	6 2 150 250 6 105 110		
1008	AL266-1010	8 3 200 320 8 155 165		
BE266-1010	AL266	10 3 250 370 8 170 185		
1012	BE266-1012	12 4 300 450 9 230 245		
AL266-1014	BE266	14 4 350 500 9 255 270		
1014	AL266-1016	16 4 400 550 9 280 295		
BE266-1016	AL266	18 4 450 600 9 300 320		
1018	BE266-1018			
AL266-1020	BE266			
1020	AL266-1022			
BE266-1022				

Marking Tool



ITEM CODE		SIZE (mm)	N.W. (g)	
AL-RR	BE-CU	L H Φ	AL-RR	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-RR	BE-CU	L1 L2 BA-L-BR BBFF-DCUU	AL-RR	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 11 275 290 350		
AL265-1036	BE265-1036	500 11 300 320 400 550 12		
AL265-1038	BE265-1038	430 450 450 600 13 450		
AL265-1040	BE265-1040	470		

Marking Tool



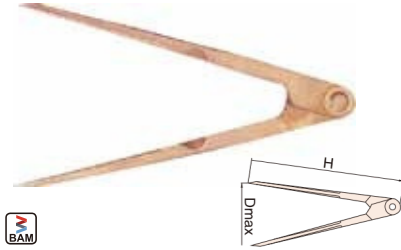
ITEM CODE		SIZE (mm)	N.W. (g)	
AL-RR	BE-CU	L H Φ	AL-RR	BE-CU
AL268-1002	BE268-1002	187 32 252 4 4	10	15
AL268-1004	BE268-1004	42	15	20

Awl



ITEM CODE		SIZE (mm)	N.W. (g)	
AL-RR	BE-CU	L1 L2 AL-RR BE-CU	AL-RR	BE-CU
AL269-1002	BE269-1002	100 3 184 45		50

Dividers



ITEM CODE		SIZE	N.W. (g)	
AL-RR	BE-CU	Dmax (mm) H (mm)	AL-RR	BE-CU
AL269A-1002	BE269A	200 200	150	170
1002	AL269A-1004	400 400	360	400

BE269A-1004

Hacksaw Frame



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

Hacksaw Frame



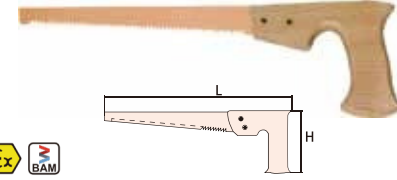
ITEM CODE		SIZE (mm)	N.W. (g)	
AL-RR	BE-CU	L D H AL-RR BE-CU	AL-RR	BE-CU
AL270A-1002	BE270A-1002	470 800 90 650 720		

Hacksaw Blade



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

Hand Saw



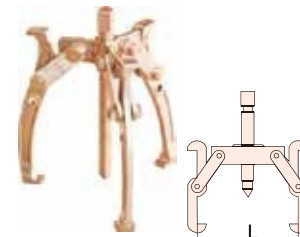
ITEM CODE		SIZE	N.W. (g)	
AL-RR	BE-CU	L (mm) H (mm) AL-RR BE-CU	AL-RR	BE-CU
AL272-1002	BE272-1002	870 114 265 125		

Hand Saw



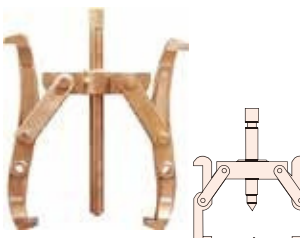
ITEM CODE		SIZE	N.W. (g)	
AL-RR	BE-CU	L (mm) B (mm) AL-RR BE-CU	AL-RR	BE-CU
AL272A-1002	BE272A-1002	700 35	520	555

3 Leg Gear Puller



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

2 Leg Gear Puller



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

AL273A-1008 BE273A-1008

Hydraulic Gear Puller



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

Clamp



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

AL274-1008 BE274-1008

Clamp



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

1006 BE274A-1006

Clamp



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

Fork, Three Prong



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

Fork, Four Prong



ITEM CODE		SIZE	N.W. (g)	
AL-RR	BE-CU	L (mm) B (mm) AL-RR BE-CU	AL-RR	BE-CU
AL276-1002	BE276-1002	227 200	1965	2150

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

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

Bucket



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

Bottom Deposit Sampler



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

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	160 150	350 350

Bucket



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

Bucket



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

Portable Oil Pump



ITEM CODE	SIZE	N.W. (g)
Brass Copper	Φ(mm) H(mm) Brass Copper	Brass Copper
BR279-1002 CO279-1002	1165 1100 2315 2315	

Hand Cadger



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

Bucket



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

Oil Dipper



ITEM CODE	SIZE	N.W. (g)
Brass Copper	Capacity (ml) (mm) Brass Copper	Brass Copper
BR280-1002 CO280-1002	50 43 430 110 100	BR280-1004
CO280-1004	100 52 430 150 140	BR280-1006
CO280-1006	250 68 430 225 210	BR280-1008
CO280-1008	500 89 440 350 330	

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	Brass Copper
BR281D-1002 CO281D-1002	10 250 1200 1200	
BR281D-1004	15 280 1550 1550	

Scoop, Sugar



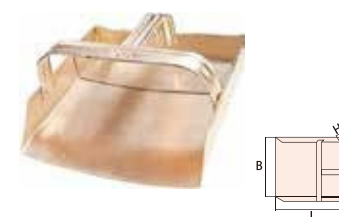
ITEM CODE	SIZE	N.W. (g)
Brass Copper	B(mm) L(mm) Brass Copper	Brass Copper
BR283A-1002 CO283A-1002	75 220 200 200	
BR283A-1004	140 360 645 645	

Scoop, Sugar



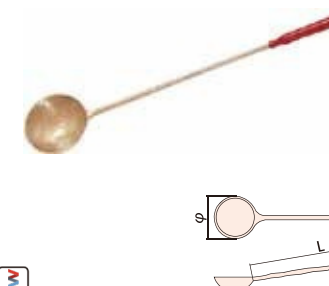
ITEM CODE	SIZE	N.W. (g)
Brass Copper	B(mm) L(mm) Brass Copper	Brass Copper
BR283E-1002 CO283E-1002	85 300 200 200	
BR283E-1004	110 300 230 230	

Dustpan



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

Scoop



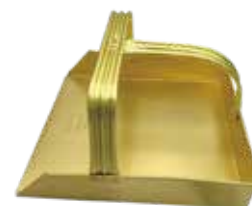
ITEM CODE	SIZE	N.W. (g)
AL BR BE CU	Φ(mm) L(mm) AL BR BE CU	AL BR BE CU
AL283B-1002 BE283B-1002	112 500 1100 1220	

Oil Pans



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

Dustpan



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

Strainer



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

Brush, Flat Back, Scratch



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

Scoop, Sugar



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

Basin



ITEM CODE	SIZE	N.W. (g)
Brass Copper	Φ(mm) Brass Copper	Brass Copper
BR283D-1002 CO283D-1002	390	1380 1460
BR283D-1004	465	1900 2000

Brush

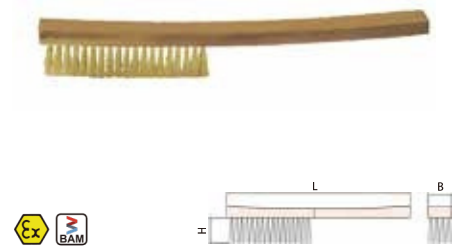


ITEM CODE	SIZE(mm)	N.W. (g)
Brass Copper	L*B*H Brass Copper	Brass Copper
BR285-1002 PH285-1002	290*29 4*16 28	115 115

NON-SPARKING-TOOLS

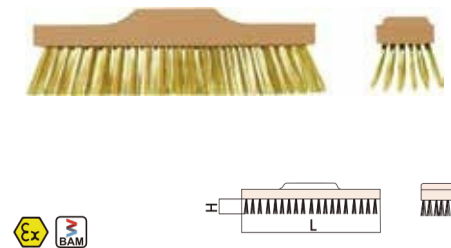
NON-SPARKING-TOOLS

Brush



ITEM CODE	SIZE(mm)	N.W. (g)
BR285A-1002	PH285A-1002 350*284*19 B0	150 150

Broom, Round Wire



ITEM CODE	SIZE(mm)	N.W. (g)
BR286C-1002	PH286C-1002 310 6*25 35	550 550

Wheel Brush, Knot Wire



ITEM CODE	SIZE(mm)	N.W. (g)
BR289-1002	PH289-1002 125 15 14	440 440

Brush



ITEM CODE	SIZE(mm)	N.W. (g)
BR286-1002	PH286-1002 215*29 6*15 15	30 30

Scrubbing Broom, Round Wire



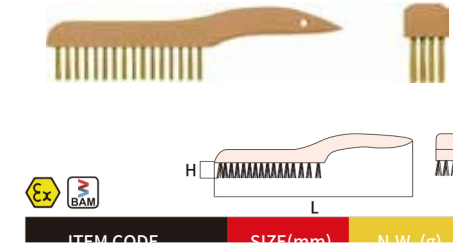
ITEM CODE	SIZE(mm)	N.W. (g)
BR286D-1002	PH286D-1002 210*65 6*17 40	500 500

Brush, Cup



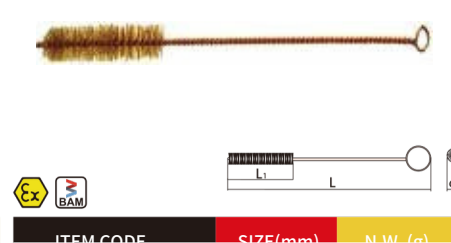
ITEM CODE	SIZE(mm)	N.W. (g)
BR289A-1002	PH289A-1002 125 15 14	320 320

Brush, Shoe Handle



ITEM CODE	SIZE(mm)	N.W. (g)
BR286A-1002	PH286A-1002 255 4*16 30	180 180

Brush, Tube



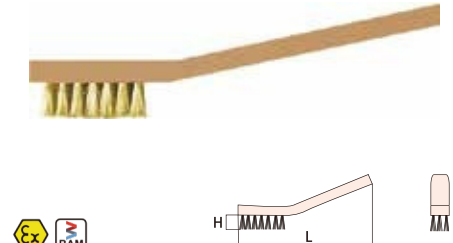
ITEM CODE	SIZE(mm)	N.W. (g)
BR287-1002	PH287-1002 20 100 320 100 100	

Brush, Cup



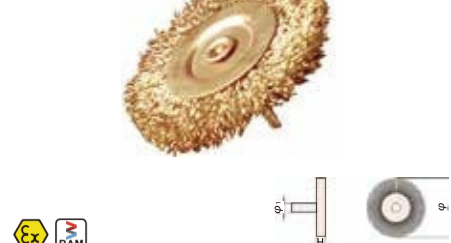
ITEM CODE	SIZE(mm)	N.W. (g)
BR290-1002	PH290-1002 100 30 14	480 480

Brush, spark-plug cleaning



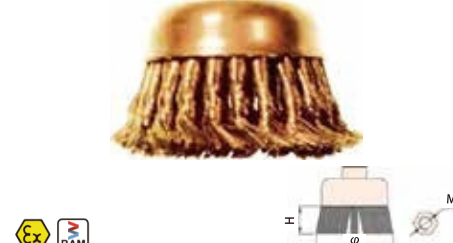
ITEM CODE	SIZE(mm)	N.W. (g)
BR286B-1002	PH286B-1002 196 3*7 13	20 20

Brush, Wheel



ITEM CODE	SIZE(mm)	N.W. (g)
BR288-1002	PH288-1002 75 10 6	140 140

Cup Brush, Knot Wire



ITEM CODE	SIZE(mm)	N.W. (g)
BR290A-1002	PH290A-1002 100 30 14	580 580

Brush, End



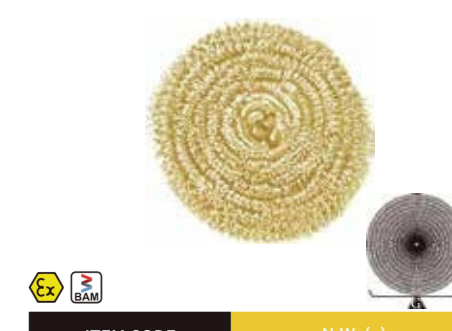
ITEM CODE	SIZE(mm)	N.W. (g)
BR290B-1002	PH290B-1002 26 25 6	120 120

Manual Portable Oil Pump



ITEM CODE	SIZE	N.W. (g)
AL293-1002	BE293-1002 1350 2515700 6000	

Brush, Ball



ITEM CODE	N.W. (g)
BR290C-1002	25

Barrel Hook, Adjustable



ITEM CODE	SIZE	N.W. (g)
AL294-1002	BE294-1002 700 1060 3050 3300	

Hoe



ITEM CODE	SIZE	N.W. (g)
AL291-1002	BE291-130 130 1750 1850 200	
1002	AL291-1004 200 1970 2080	

Well Cover Hook



ITEM CODE	SIZE	N.W. (g)
AL294A-1002	BE294A-10 10 500 580 640	
1002	AL294A-1004 10 600 640 700	
BE294A-1004	AL294A-10 10 700 700 770	
1006	BE294A-1006 10 800 770 850	

Shackle



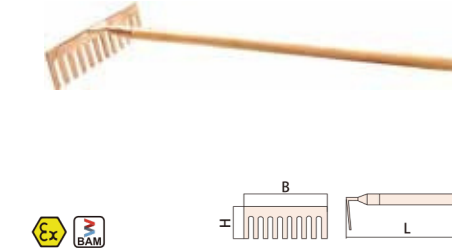
ITEM CODE	SIZE	N.W. (g)
AL292-1002	BE292-1 30 40 130 135	
1002	AL292-1004 2 33 45 500 550	
BE292-1004	AL292-3 37 78 8300 915	
1006	BE292-1006 5 45 110 1700 1900	
AL292-1008	BE292-10 60 120 4000 4500	

Screw Clamp



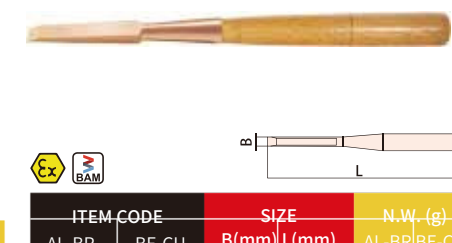
ITEM CODE	SIZE	N.W. (g)
AL295-1002	BE295-1002 120 400 2200 2395	

Rake



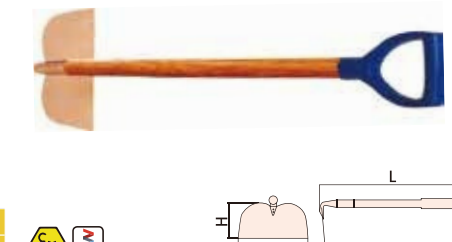
ITEM CODE	SIZE(mm)	N.W. (g)
AL296-1002	BE296-1270 350 100 1935 2080 1275	
1002	AL296-1004 450 120 2135 2300	

Chisel



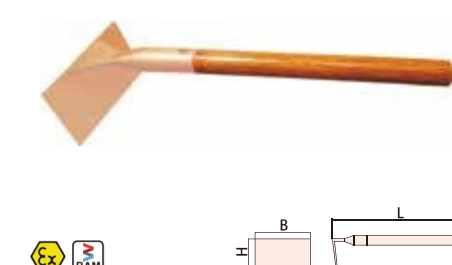
ITEM CODE	SIZE	N.W. (g)
AL297-1002	BE297-14 14 280 180 200	
1002	AL297-1004 18 320 250 700	

Rake



ITEM CODE	SIZE(mm)	N.W. (g)
AL298-1002	BE298-1002 300 150 1130 1400 1550	

Rake



ITEM CODE	SIZE(mm)	N.W. (g)
AL299-1002	BE299-1002 160 80 780 600 670	

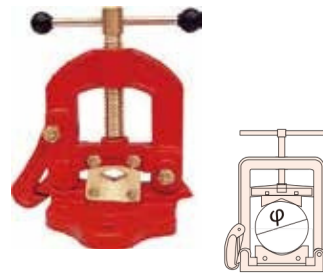
NON-SPARKING-TOOLS

Fire, Hook



ITEM CODE	SIZE	N.W. (g)
AL300-1002	270 1215 1300 1365	

Self Locking Pipe Vice



ITEM CODE	SIZE	N.W. (g)
AL301-1002	10-60	4425/4870
1002	AL301-1004	9420/10350
BE301-1004	AL301-	13900/15300
1006	BE301-1006	27800/30600
AL301-1008	BE301-	35000/38000

Chain Adjuster



ITEM CODE	SIZE	N.W. (g)
AL302-1002	BE302-	6 112 73 200 225
1002	AL302-1004	2 100 450 500
BE302-1004	AL302-	10 315 137 1150 1280

Safety Belt



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

Tube Bender



ITEM CODE	SIZE	N.W. (g)
AL304-	6, 8, 10	420/460
1002	BE304-1004	1500/1650
AL304-	BE304-1006	1800/2000

Pipe Cutter



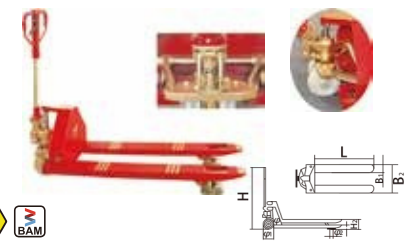
ITEM CODE	SIZE	N.W. (g)
AL305-1002	BE305-1002	2010 2210
AL305-1004	BE305-1004	3700 4070

Pipe Cutter



ITEM CODE	SIZE	N.W. (g)
AL305A-1002	BE305A-1002	11500 12250
AL305A-1004	BE305A-1004	19000 21000

Hydraulic Pallet Truck



ITEM CODE	SIZE	N.W. (kg)
AL306-1002	BE306-1002	2000 1190 1240 160 545

Trolley For Chain Hoist (Pull Type)



ITEM CODE	SIZE	N.W. (kg)
AL307-1002	BE307-	0.5 2.5 68-94 16.5 16.5
1002	AL307-1004	1 2.5 68-100 20 2.5 2
BE307-1004	AL307-	2 94-124 26 0
1006	BE307-1006	3 3 116-140 27.5 27.5 2
AL307-1008	BE307-	5 3 142-180 34 3 84
1008	AL307-1010	10 142-180 68 68
BE307-1010	AL307-	16 3 142-180 170 170

Trolley For Chain Hoist (Pull Type)



ITEM CODE	SIZE	N.W. (kg)
AL307B-1002	BE307B-	0.5 2.5 68-94 16.5 16.5
1002	AL307B-1004	1 2.5 68-100 20 2.5 20
BE307B-1004	AL307B-	2 94-124 26 26
1006	BE307B-1006	3 3 116-140 27.5 27.5
AL307B-1008	BE307B-	5 3 142-180 34 3 34
1008	AL307B-1010	10 142-180 68 68
BE307B-1010	AL307B-	16 3 142-180 170 170

Chain Hoist With Trolley



ITEM CODE	SIZE	N.W. (kg)
AL307C-1002	BE307C-	0.5 68-94 21.5 21.5
1002	AL307C-1004	1 68-100 27.5 27.5
BE307C-1004	AL307C-	2 94-124 40 40
1006	BE307C-1006	3 116-140 42 42

AL307C-1008 BE307C-1008

Chain Hoist With Trolley



ITEM CODE	SIZE	N.W. (kg)
AL307D-1002	BE307D-	0.5 68-94 25 25
1002	AL307D-1004	1 68-100 34.5 34.5
BE307D-1004	AL307D-	2 94-124 48 48
1006	BE307D-1006	3 116-140 50 50

Trolley for Chain Hoist, Steerable



ITEM CODE	SIZE	N.W. (kg)
AL307E-1002	BE307E-1002	1 68-100 14.5 14.5

Chain Hoist



ITEM CODE	SIZE	N.W. (kg)
AL308-1002	BE308-	0.5 2.5 10.2 10.2
1002	AL308-1004	1 2.5 13.6 13.6
BE308-1004	AL308-	1.5 2.5 21 21
1005	BE308-1005	2 2.5 22 22
AL308-1006	BE308-	3 3 23.6 23.6
1006	AL308-1008	5 3 36 36
BE308-1008	AL308-	10 3 68.5 68.5
1010	BE308-1010	16 3 187 187

AL308-1012 BE308-1012 AL308-1014 BE308-1014

Chain Hoist



ITEM CODE	SIZE	N.W. (kg)
AL308A-1002	BE308A-	0.5 2.5 11.4 11.4
1002	AL308A-1004	1 2.5 18.4 18.4
BE308A-1004	AL308A-	2 2.5 27.9 27.9
1006	BE308A-1006	3 3 28.3 28.3
AL308A-1008	BE308A-	5 3 54 54
1008	AL308A-1010	

Ratchet Lever Hoist



ITEM CODE	SIZE	N.W. (kg)
AL308B-1002	BE308B-	0.75 1.5 7.7 7.7
1002	AL308B-1004	1.5 1.5 11.8 11.8
BE308B-1004	AL308B-	3 1.5 21 21
1006	BE308B-1006	6 1.5 32 32
AL308B-1008	BE308B-	9 1.5 47 47
1008	AL308B-1010	

Come Along Winch



ITEM CODE	SIZE	N.W. (kg)
AL308C-1002	BE308C-	1 3 3
1002	AL308C-1004	2 4.5 4.5
BE308C-1004	AL308C-	3 6.3 6.3
1006	BE308C-1006	4 7.8 7.8

AL308C-1008 BE308C-1008

Torque Wrench



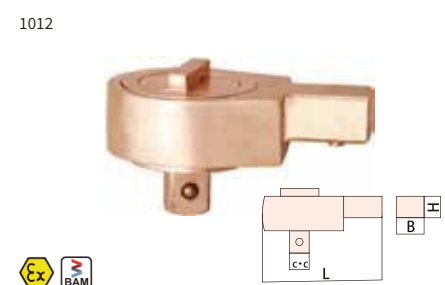
ITEM CODE	SIZE	N.W. (g)	
			AL-RR
AL309-1002	BE309-1002	100 310 540 600 490	
3/8	AL309-1004	BE309-260 1210 1340 560	
1004	1/2	AL309-1006	450 1930 2050

Lock Torque Wrench-Window Display



ITEM CODE	SIZE	N.W. (g)
AL309A-1000	BE309A-	1/4 5-25 265 800 850 3/8 10-50
1000	AL309A-1002	295 920 980 1/2 20-100 395 1020
BE309A-1002	AL309A-	1100 1/2 40-200 470 1200 1320
1004	BE309A-1004	1/2 50-260 570 1330 1500 5700
AL309A-1006	BE309A-	
1006	AL309A-1008	3/4 150-670 1085 4930
BE309A-1008	AL309A-	1 300-900 1340 8500 10000

Rectangular Reversible Ratchet Head



ITEM CODE	SIZE	N.W. (g)
AL309B-1002	BE309B-1002	9*12 3/8 50 150 165
AL309B-1004	BE309B-1004	14*18 1/2 178 400 445

Flange Prop



ITEM CODE	SIZE	N.W. (g)
AL310-1002	BE310-1002	FZM16-24 6600 7300
AL310-1004	BE310-1004	FZM27-36 9000 9900

NON-SPARKING-TOOLS

WE THE CRAFTSMEN DO SAFETY FIRST

WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

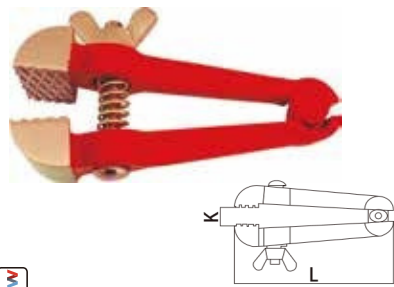
NON-SPARKING-TOOLS

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
1002	AL311-1004	125	125	12500	14000
BE311-1004	AL311-1006	150	150	15000	17500
1006	BE311-1008	170	170	15400	18000

Hand Vice



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

Releasing Static Device



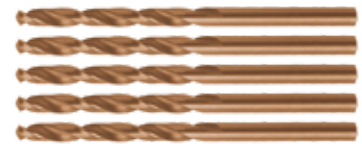
ITEM CODE		SIZE		N.W. (g)	
AL- BR	BE- CU	L(mm)	D(mm)	AL- BR/BE- CU	
AL313-1002	BE313-1002	1150	90	3700	3900

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)	
AL- BR	BE- CU	φ(mm)	L (mm)	AL- BR/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		N.W. (g)	
AL- BR	BE- CU	Model	Capacity (t)	φ (mm)	Lifting (mm)
AL314-1002	BE314-1002	FBQL3.2	3.2	220	110
1002	AL314-1004	FBQL5	5	250	130
BE314-1004	AL314-1006	FBQL10	10	280	150
1006	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



ITEM CODE		SIZE		N.W. (g)	
AL- BR	BE- CU	Model	Height (mm)	AL- BR/BE- CU	
AL316-1002	BE316-1002	ZBYG-108	48	58	1600
1002	AL316-1004	ZBYG-208	56	67	2700
BE316-1004	AL316-1006	ZBYG-308	62	75	4600
1006	BE316-1008	ZBYG-508	72	88	7800

Hydraulic Cylinder



ITEM CODE		SIZE		N.W. (g)	
AL- BR	BE- CU	Model	Working Oil Capacity (L)	AL- BR/BE- CU	
AL316A-1002	BE316A-1002	ZBB-7000	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)	
AL- BR	BE- CU	Size (mm)	AL- BR/BE- CU		
BR318-1002		1000			1450

Filler Gauge



ITEM CODE		SIZE		N.W. (g)	
AL- BR	BE- CU	Size (mm)	AL- BR/BE- CU		
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	φ (mm)	AL- BR/BE- CU		
AL323-1002	BE323-1002	390	35	1150	1320
AL323-1004	BE323-1004	890		2650	3050

Hex Key Set



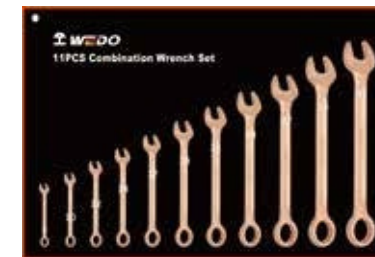
ITEM CODE		SIZE		N.W. (g)	
AL- BR	BE- CU	Size (mm)	AL- BR/BE- CU		
ALS-A-9	BES-A-9	1,5,2,2,5,3,4,5,6,8,10			
ALS-A-11	BES-A-11	2,3,4,5,6,7,8,9,10,11,12			
ALS-A-13	BES-A-13	2,3,4,5,6,7,8,9,10,11,12,13,14			

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		3000	3295
ALA-10	BEA-10	8*10,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32		3230	3530
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		2612	2869
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		3295	3610
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			

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		2721	3008
ALB-10	BEB-10	10,12,14,17,19,22,24,27,30,32		2955	3235
ALB-11	BEB-11	8,10,12,14,17,19,22,24,27,30,32		2975	3257
ALB-12	BEB-12	6,8,10,12,14,17,19,22,24,27,30,32		3175	3485
ALB-13	BEB-13	8,10,12,13,14,16,17,19,22,24,27,30,32			

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		3460	3520
ALC-10	BEC-10	8*10,10*12,12*14,14*17,17*19,19*22,22*24,24*27,27*30,30*32		3275	3585
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		3631	3965
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		3320	3630
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			

Tool Set-6pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
AL01-6	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
AL02-9	Wrench, Adjustable Pliers, Lineman Pliers, Water Pump Slotted Screwdriver Phillips Screwdriver Hammer, Cross Pein Engineer 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
AL03-10	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"

WE THE CRAFTSMEN DO SAFETY FIRST

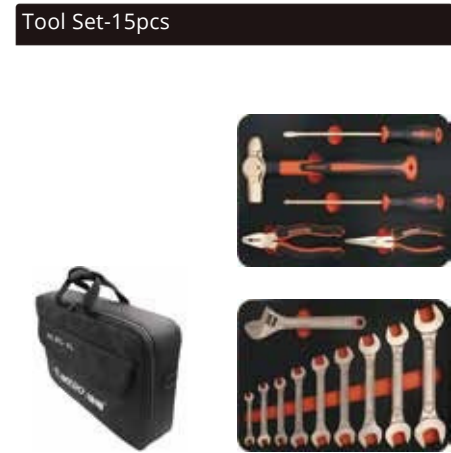
WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS



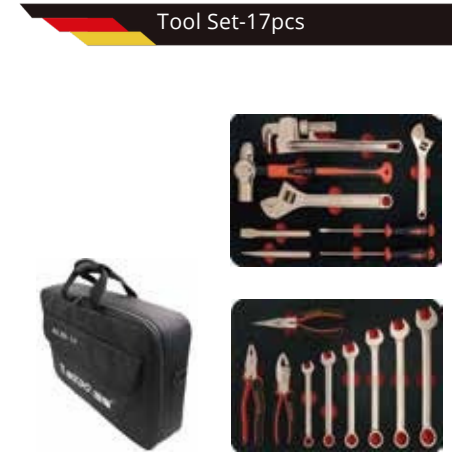
ITEM CODE	DESCRIPTION	SPECIFICATION
BE04-15	Drill Bit	6*100mm 7*120mm 8*140mm 9*160mm 10*180mm 11*200mm 12*220mm 13*240mm 14*260mm 15*280mm 16*300mm 17*300mm 18*320mm 19*320mm 20*330mm
	Tool Case	



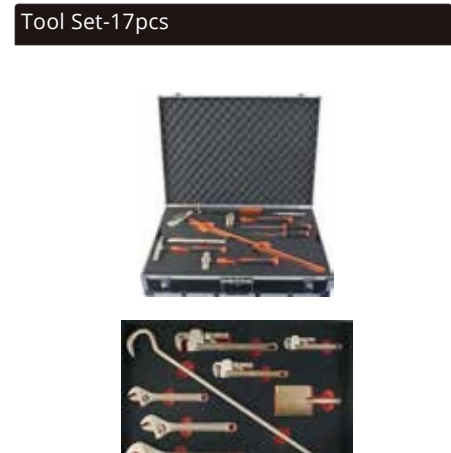
ITEM CODE	DESCRIPTION	SPECIFICATION
AL05-15 BE05-15	Wrench, Double Open End	(8*10,10*12, 12*14,14*17, 17*19,19*22, 22*24,24*27, 30*32)mm
	Wrench, Adjustable	250mm
	Wrench, Pipe (American Type) Pliers, Water Pump	200mm
	Pliers, Adjustable	200mm
	Combination Slotted Screwdriver	8*200mm
	Phillips Screwdriver	#3*200mm
	Phillips Screwdriver	0.91kg
	Hammer, Ball Pein	
	Tool Case	



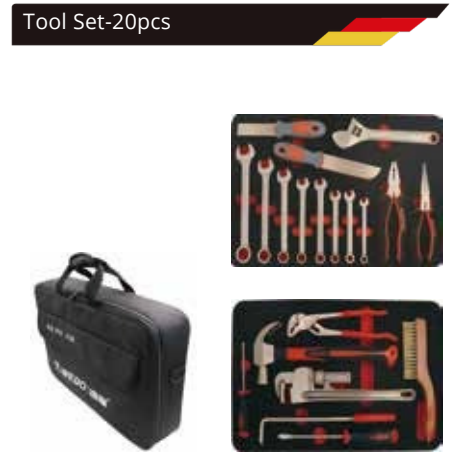
ITEM CODE	DESCRIPTION	SPECIFICATION
AL06-16 BE06-16	Wrench, Double Flat Box(DIN83)	8*10mm 10*12mm 14*17mm
	Wrench, Adjustable	19*22mm 250mm
	Wrench, Pipe (American Type) Pliers, Water Pump	350mm
	Pliers, Adjustable	250mm
	Combination Slotted Screwdriver	6*150mm
	Phillips Screwdriver	#2*150mm
	Phillips Screwdriver	0.45kg
	Hammer, Claw	25*200mm
	Knife, Putty	250mm
	Knife	45*300mm
	Scraper, Deck	4*16
	Brush	
	Tool Case	



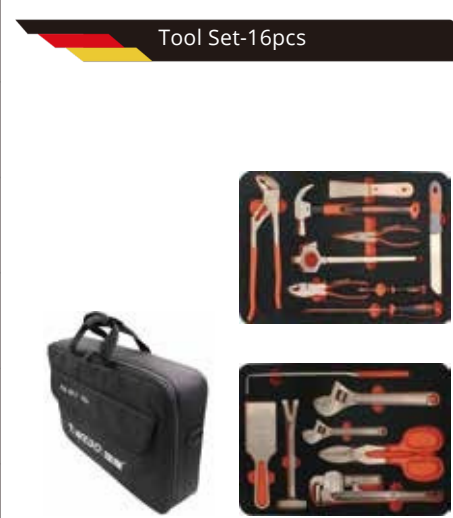
ITEM CODE	DESCRIPTION	SPECIFICATION
AL10-17 BE10-17	Wrench, Pipe (American Type) Wrench, Adjustable	350mm 200mm 300mm
	Wrench, Combination	(14 17 19 22 24 27)mm
	Pliers, Lineman	200mm
	Pliers, Snipe Nose	200mm
	Pliers, Adjustable	200mm
	Combination Punch, Machinists'	Φ18*160mm
	Chisel, Flat	Φ18*160mm
	Slotted Screwdriver	m 6*150mm
	Phillips Screwdriver	#2*150mm
	Hammer, Ball Pein	0.91kg
	Tool Case	



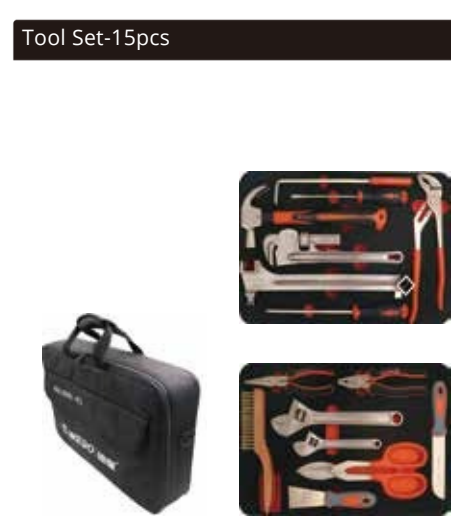
ITEM CODE	DESCRIPTION	SPECIFICATION
AL12-17 BE12-17	Bar, Wrecking	19*800mm
	Wrench, Adjustable	30*250 36*300 46*375(mm)
	Hammer, Ball Pein	450g
	Hammer, Scaling	680g
	Hammer, Sledge	300g
	Scraper, Deck	2500g
	Scraper, Arched	300mm
	Slotted Screwdriver	100mm
	Chisel Hex/6 Point	8*200mm
	Chisel, Flat	18*160mm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



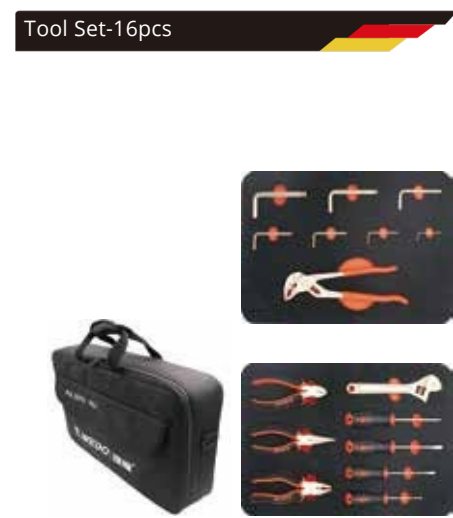
ITEM CODE	DESCRIPTION	SPECIFICATION
AL14-20 BE14-20	Wrench, Pipe (American Type) Wrench, Combination	50*350 (10 11 12 13 14 17 19 22)mm
	Phillips Screwdriver	#1*100mm
	Slotted Screwdriver	150*8mm
	Wrench, Adjustable	30*250mm
	Pliers, Lineman	200mm
	Pliers, Snipe Nose	200mm
	Hammer, Claw	680g
	Brush,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



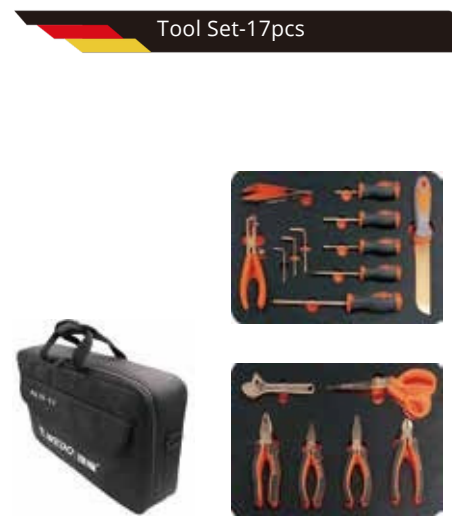
ITEM CODE	DESCRIPTION	SPECIFICATION
AL07-16 BE07-16	Slotted Screwdriver	3*75mm
	Phillips Screwdriver	#3*200mm
	Wrench, Adjustable	8" 12"
	Hammer, Claw	0.45kg
	Crate Opener	230m
	Pliers, Water Pump	m 12"
	Knife, Putty	200MM
	Knife	250MM
	Shears, Tin	12"
	Pliers, Snipe Nose	8"
	Pliers, Adjustable	8"
	Combination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



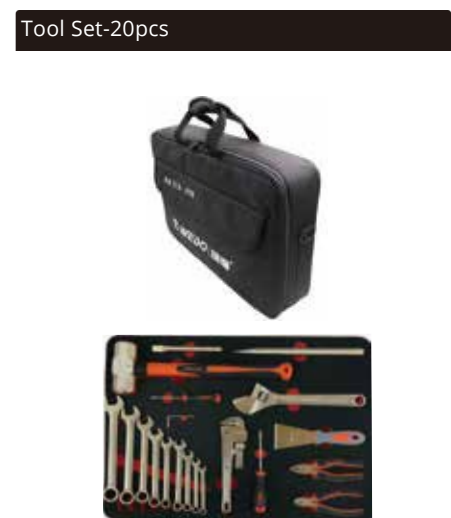
ITEM CODE	DESCRIPTION	SPECIFICATION
AL08-15 BE08-15	Knife, Putty	50*203mm
	Pliers, Water Pump	300mm
	Shears, Tin	300mm
	Wrench, Adjustable	24*200 36*300mm
	Wrench, Bung	385mm
	Pliers, Lineman	200mm
	Pliers, Snipe Nose	200mm
	Hammer, Claw	680g
	Brush, Shoe Handle	4*16
	Knife	137*250mm
	Scraper, Deck	300mm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



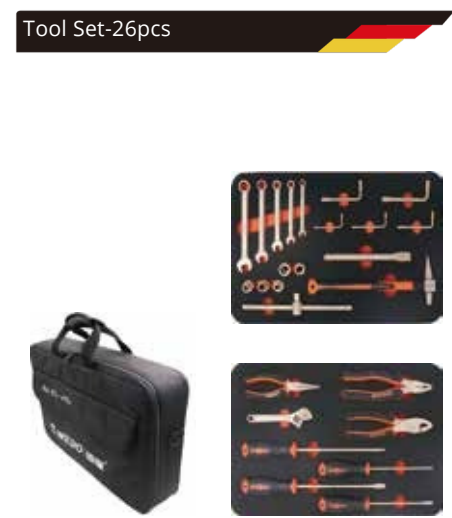
ITEM CODE	DESCRIPTION	SPECIFICATION
AL09-16 BE09-16	Phillips Screwdriver	#1*75mm #1*100mm
	Slotted Screwdriver	#4*100mm 5*100mm
	Wrench, Hex Key with Ball Pliers, Lineman	(2 3 4 5 6 8 10) mm
	Pliers, Diagonal Cutting	6"
	Pliers, Snipe Nose	6"
	Pliers, Water Pump	250mm
	Wrench, Adjustable	24*200m
	Tool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



ITEM CODE	DESCRIPTION	SPECIFICATION
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
	Phillips Screwdriver	6*150mm
	Phillips Screwdriver	#0*50mm
	Phillips Screwdriver	#1*75mm
	Wrench, Hex Key with Ball	3mm 4mm 5mm
	Knife	250mm
	Scissors	225mm
	Tool Case	



ITEM CODE	DESCRIPTION	SPECIFICATION
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
AL15-26 BE15-26	Chisel, Flat	18*200m
	Wrench, Adjustable	m 150mm
	Pliers, Lineman	200mm
	Pliers, Adjustable Combination	200mm
	Pliers, Snipe Nose	150mm
	Slotted Screwdriver	6*150 8*200mm
	Phillips Screwdriver	#2*150
	Socket (1/2")	#3*200mm (8
	Sliding T Handle	10 12 14 17)mm
	Hammer, Testing	1/2**250mm
	Wrench, Combination	0.15kg
	Wrench, Hex Key	(8 10 12 14
	Wrench, Hex Key	17)mm(4.5 6 8
	Tool Case	10)mm

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WE THE CRAFTSMEN DO SAFETY FIRST

NON-SPARKING-TOOLS

NON-SPARKING-TOOLS

Tool Set-26pcs

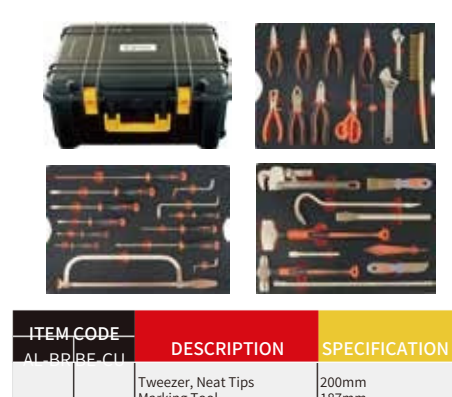
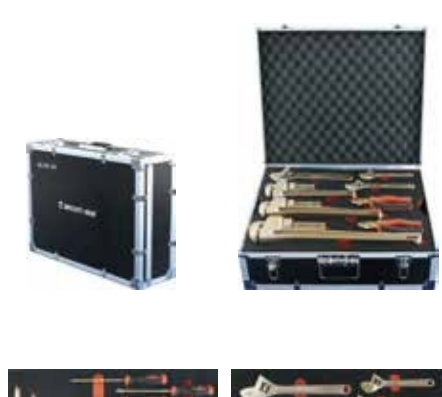
Tool Set-28pcs

Tool Set-36pcs

Tool Set-36pcs

Tool Set-40pcs

Tool Set-50pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
AL16-26	Wrench, Pipe (American Type)	450mm 250mm
BE16-26	Wrench, Adjustable	200mm 150mm
	Hammer, Ball Pein	200mm
	Pliers, Lineman	200mm
	Pliers, Snipe Nose	150mm
	Slotted Screwdriver	4*75mm 3*200mm
	Phillips Screwdriver	4*75mm 3*200mm
	Valve Handle	30*27mm 27*24mm
	Wrench, Double Box Offset	24*22mm 22*19mm
	Wrench, Combination	19*17mm 17*14mm
	Wrench, Double Open End	24*27mm 22*24mm
	Wrench, Adjustable	19*22mm 17*19mm
	Tool Case	

ITEM CODE	DESCRIPTION	SPECIFICATION
AL18-28	Phillips Screwdriver	#1*100mm (2pcs)
BE18-28	Slotted Screwdriver	#2*150mm (2pcs) 5*100mm
	Wrench, Combination	(2,3,4) 30 32 36) mm
	Wrench, Adjustable	24*200mm
	Wrench, Pipe (American Type)	30*250mm 36*300mm
	Wrench, Pipe (American Type)	40*450mm
	Wrench, Pipe (American Type)	50*350mm 75*600mm
	Pliers, Lineman	8"(2pcs)
	Tool Case	

ITEM CODE	DESCRIPTION	SPECIFICATION
AL20-36	Wrench, Double Open End	10*12 12*14 14*17
BE20-36	Wrench, Combination	17*19 19*22 22*24
	Wrench, Pipe (American Type)	24*27 27*30,30*32)
	Wrench, Pipe (American Type)	(each 3pcs)
	Wrench, Adjustable	10 13 16 30 32) mm
	Wrench, Pipe (American Type)	300mm
	Wrench, Pipe (American Type)	450mm
	Wrench, Pipe (American Type)	450g
	Hammer, Ball Pein	
	Hammer, Club	
	Hammer, Flat	
	Bar	
	Bar, Wrecking	
	Tool Case	

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



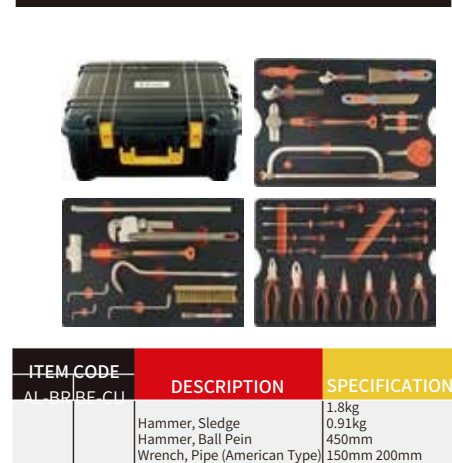
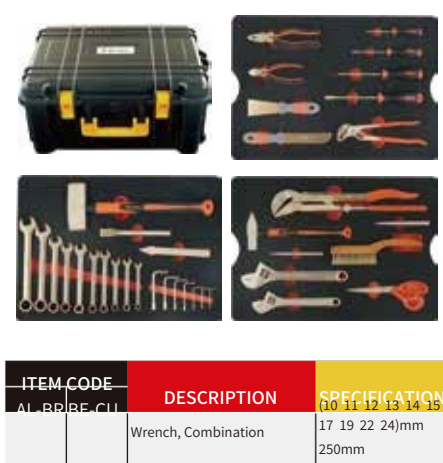
ITEM CODE	DESCRIPTION	SPECIFICATION
AL25-50	Hammer, Sledge	1.8kg
BE25-50	Hammer, Ball Pein	0.91kg
	Hammer, Claw	0.45kg
	Wrench, Pipe (American Type)	300mm
	Wrench, Adjustable	450mm
	Wrench, Adjustable	200mm*24mm
	Wrench, Adjustable	300mm*36mm
	Wrench, Combination	8mm
	Wrench, Combination	10mm
	Wrench, Combination	12mm
	Wrench, Combination	14mm
	Wrench, Combination	17mm
	Wrench, Combination	19mm
	Wrench, Combination	22mm
	Wrench, Combination	24mm
	Wrench, Combination	27mm
	Wrench, Combination	30mm
	Wrench, Combination	32mm
	Wrench, Combination	200mm
	Wrench, Combination	200mm
	Pliers, Lineman	200mm
	Pliers, Snipe Nose	Φ25*500mm
	Pliers, Adjustable Combination	Φ25*300mm
	Bar	Φ20*300mm
	Chisel, Flat	5*100mm
	Punch, Machinists'	8*200mm
	Slotted Screwdriver	#1*100mm
	Slotted Screwdriver	#3*200mm
	Phillips Screwdriver	400mm
	Phillips Screwdriver	250mm
	Phillips Screwdriver	500mm
	Phillips Screwdriver	300mm
	Valve Handle	10mm
	Knife	11mm
	Hacksaw Frame	12mm
	Hacksaw Blade	14mm
	Socket (1/2")	17mm
	Socket (1/2")	19mm
	Socket (1/2")	22mm
	Socket (1/2")	24mm
	Socket (1/2")	27mm
	Socket (1/2")	30mm
	Socket (1/2")	32mm
	Socket (1/2")	1/2*245mm
	Socket (1/2")	125mm
	Socket (1/2")	250mm
	Socket (1/2")	390MM
	Socket (1/2")	250mm
	Ratchet Wrench	1/2"
	Driver Extension	25*200mm
	Speed Handle	
	Sliding T Handle	
	Universal Joint	
	Knife, Putty	
	Tool Case	

Tool Set-28pcs

Tool Set-34pcs

Tool Set-37pcs

Tool Set-36pcs



ITEM CODE	DESCRIPTION	SPECIFICATION
AL17-28	Hammer, Sledge	1.8kg
BE17-28	Hammer, Ball Pein	0.91kg
	Hammer, Claw	0.45kg
	Wrench, Pipe (American Type)	300mm 450mm
	Wrench, Adjustable	200mm 150mm
	Wrench, Combination	22 24 27 30 32) mm
	Pliers, Lineman	200mm
	Pliers, Snipe Nose	200mm
	Pliers, Adjustable	200mm
	Combination Bar	Φ25*500mm
	Chisel, Flat	16*160mm
	Slotted Screwdriver	4*75mm 3*50mm
	Phillips Screwdriver	#1*100 #3*200mm
	Valve Handle	400mm
	Tool Case	

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

ITEM CODE	DESCRIPTION	SPECIFICATION
AL23-37	Wrench, Combination	17 19 22 24)mm
BE23-37	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
	Screwdriver	75mm
	Phillips Screwdriver	150mm
	Screwdriver	20*200mm
	Chisel, Flat	200mm
	Chisel, Cross	5*11*150mm
	Cutting Punch	8*14*150mm
	Scissors	225mm
	Tool Case	

ITEM CODE	DESCRIPTION	SPECIFICATION
AL22-36	Hammer, Sledge	1.8kg
BE22-36	Hammer, Ball Pein	0.91kg
	Wrench, Pipe (American Type)	450mm
	Wrench, Adjustable	150mm 200mm
	Wrench, Combination	10mm 8mm
	Pliers, Lineman	200mm 150mm
	Pliers, Snipe Nose	150mm
	Pliers, Adjustable Combination	200mm
	Pliers, Round Nose	200mm
	Pliers, Flat Nose	200mm
	Pliers, Diagonal Cutting	200mm
	Wire Stripping Pliers	170mm
	Wrench, Adjustable	150mm 250mm
	Wrench, Pipe (American Type)	350mm
	Hammer, Ball Pein	0.68kg
	Club Hammer	4LB
	Chisel, Flat	16*160mm
	Bar	25*300mm
	Bar, Wrecking	15*500mm
	Tool Case	400mm

ITEM CODE	DESCRIPTION	SPECIFICATION
AL24-40	Hammer, Sledge	1.8kg
BE24-40	Hammer, Claw	1kg
	Hammer, Ball Pein	0.23kg
	Wrench, Pipe (American Type)	0.45kg
	Wrench, Adjustable	200mm
	Pliers, Lineman	150mm 250mm
	Pliers, Snipe Nose	150mm
	Pliers, Flat Nose	150mm
	Pliers, Diagonal Cutting	150mm
	Pliers, Adjustable Combination	150mm
	Pincers	200mm
	Shears, Cutting	150mm
	Slotted Screwdriver	4*75mm
	Slotted Screwdriver	5*100mm
	Slotted Screwdriver	6*150mm
	Phillips Screwdriver	#1*75mm
	Phillips Screwdriver	#2*150mm
	Slotted Offset Screwdriver	6*72mm
	Slotted Offset Screwdriver	8*125mm
	Slotted Offset Screwdriver	10*196mm
	Wrench, Hex Key	3mm,4mm
	Wrench, Hex Key	5mm,6mm
	Wrench, Hex Key	7mm,8mm
	Chisel Hex/6 Point	16*160mm
	Bar, Wrecking	250mm
	Knife	250mm
	Knife, Putty	25*203mm
	Tweezer, Neat Tips	150mm
	File, Triangle	200mm 6*250mm
	Hearing Needle	Φ4*252mm
	Marking Tool	370mm
	Hand saw	500mm
	Hacksaw Frame	300mm
	Hacksaw Blade	6*16
	Brush, Flat Back, Scratch	
	Tool Case	

Tool Set-62pcs

Tool Set-68pcs

Tool Set-85pcs



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

ITEM CODE	DESCRIPTION	SPECIFICATION
AL27-68	Socket (1/2")	8mm 10mm 12mm 13mm 15mm 16mm 17mm 18mm 19mm 22mm 24mm 27mm 30mm 1/4*8 1/4*10 1/2**12mm 1/2**80 1/2**245 1/2**100
BE27-68	Internal Hexagon Socket	18*150 8*125mm 10*196mm
	Universal Joint	
	Ratchet Wrench	
	Driver Extension	
	Wrench, Adjustable	36*300 7mm 8mm
	Wrench, Combination	10mm 12mm 13mm 15mm 16mm 17mm 18mm 19mm 22mm 24mm 27mm 30mm
	Wrench, Hex Key	2mm 3mm 4mm 5mm 6mm 7mm 8mm 9mm 10mm 11mm 12mm
	Hammer, Ball Pein	340g
	Hammer, Sledge	1000g
	Knife, Common	185mm
	Scraper, Flat	30*200mm
	Punch, Machinists'	14*150mm 6*12*115 8*14*120 10*16*145
	Drift Cylindrical	200mm 6" 10" 6"
	Pliers, Lineman	100*4mm
	Pliers, Diagonal Cutting	75*4mm
	Pliers, Slip Joint	100*5mm
	Pliers, Snipe Nose	150*6mm
	Slotted Screwdriver	200*8mm 100mm 125mm 200mm 300mm
	Phillips Screwdriver	
	Tool Case	

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

Brass Hammer, Sledge

Brass Hammer, Sledge

Brass Hammer, Sledge (German Type)



ITEM CODE	SIZE	N.W. (g)
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)
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)
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)
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

ITEM CODE	SIZE	N.W. (g)
BR2102B-1002	1 310	450
BR2102B-1004	2 320	910
BR2102B-1006	3 360	1400
BR2102B-1008	5 400	2250
BR2102B-1010	6 400	2700
BR2102B-1012	8 700	3600
BR2102B-1014	10 800	4500
BR2102B-1016	15 800	6750

ITEM CODE	SIZE	N.W. (g)
BR2104B-1002	500 310	500
BR2104B-1004	1000 320	1000
BR2104B-1006	1500 360	1500
BR2104B-1008	1800 380	1800
BR2104B-1010	2000 380	2000
BR2104B-1012	2700 400	2700
BR2104B-1014	3600 700	3600
BR2104B-1016	4000 800	4000
BR2104B-1018	5000 800	5000

Brass Hammer, Drum Type

Brass Hammer, Drum Type

Brass Hammer, Ball Pein



ITEM CODE	SIZE	N.W. (g)
BR2103A-1002	1/2 280	230
BR2103A-1004	1 310	450
BR2103A-1006	1-1/2 340	680
BR2103A-1008	2 350	910
BR2103A-1010	3 400	1400
BR2103A-1012	4 400	1800
BR2103A-1014	5 400	2250
BR2103A-1016	6 700	2700
BR2103A-1018	8 700	3600
BR2103A-1020	10 900	4500

ITEM CODE	SIZE	N.W. (g)
BR2103B-1002	1/2 280	230
BR2103B-1004	1 300	450
BR2103B-1006	1-1/2 320	680
BR2103B-1008	2 320	910
BR2103B-1010	3 360	1400
BR2103B-1012	4 360	1800
BR2103B-1014	5 400	2250
BR2103B-1016	6 400	2700
BR2103B-1018	8 700	3600
BR2103B-1020	10 800	4500

ITEM CODE	SIZE	N.W. (g)
BR2105A-1002	1/2 280	230
BR2105A-1004	3/4 280	340
BR2105A-1006	1 280	450
BR2105A-1008	1-1/2 310	680
BR2105A-1010	2 340	910
BR2105A-1012	2-1/2 350	1130

Brass Hammer, Ball Pein



ITEM CODE Brass	SIZE		N.W. (g) Brass
	Size(lb) L (mm)	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 Flat Hammer (Euro Type)



ITEM CODE Brass	SIZE		N.W. (g) Brass
	Size(lb) L (mm)	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

Pliers, Adjustable Combination



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

Pliers, Adjustable Combination



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

Pliers, Snipe Nose



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

Pliers, Round 45 Degree Bent



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

Sprue Puller Curred Head



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

Sprue Puller Serrated Jaw



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

Sprue Puller Serrated Jaw



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

Pliers, Groove Joint



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

Knife, Putty, Long Wood Hand



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

Knife, Putty, Bakelite Handle



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

Knife, Putty, Multi-purpose Bakelite Handle



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

Knife, Putty, Narrow Blade Bakelite Handle



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

Copper Hammer, Sledge



ITEM CODE COPPER	SIZE		N.W. (g) COPPER
	Size(lb) L (mm)	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 COPPER	SIZE		N.W. (g) COPPER
	Size(lb) L (mm)	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 COPPER	SIZE		N.W. (g) COPPER
	Size(lb) L (mm)	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 COPPER	SIZE		N.W. (g) COPPER
	Size(lb) L (mm)	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 COPPER	SIZE		N.W. (g) COPPER
	Size(lb) L (mm)	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 COPPER	SIZE		N.W. (g) COPPER
	Size(lb) L (mm)	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

BRASS TOOLS

COPPER TOOLS