



NON-SPARKING NON-MAGNETIC SAFETY TOOLS

If you just had the right tools...

ISO 9001:2000  
ISO 14001:2004  
OHSAS 18001:1999

*High Quality Non-Sparking & Non-Magnetic Carltsø Safety Tools.*

*For use in hazardous environments.*

*For use in all ATEX zones.  
For use in all Ex zones.*

ISO 9001  
BUREAU VERITAS  
Certification



□ □ □ Carltsøe Safety Tools<sup>®</sup> Since 1956 □ □ Non-Sparking Tools

Wrenches  
Pliers  
Hammers  
Punches  
Chisels

Sockets and Accessories  
Screwdrivers  
Scrapers  
Files, Scissors, Saw

Shovels  
Brushes  
Clamps and Additional Tools  
Toolkit





If you just had the right tools.....

## Carltsø Non-Sparking Tools

Carltsø Safety Tools products are marketed worldwide and are used where there is a serious risk of fire or explosion, or where there is a particular demand for specially designed non sparking, non magnetic or corrosion-resistant tools.

Carltsø non sparking tools are an ideal choice for use in the hazardous environments of the offshore industry, such as natural-gas installations, oil tankers, gas works, oil drilling platforms, oil refineries, petrochemical plants and shipyards. They are also ideal for other fields that are also characterised by the need for safety tools, such as aircraft factories, ammunition factories, dye and varnish factories, etc.

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Only a few companies throughout the world manufacture non sparking safety tools, Carltsø Safety Tools is one of the leading manufacturers in this field.

Carltsø Safety Tools are used by several international companies for whom safe tools are a necessity.

Quality and control are key words at Carltsø.

Every product is quality-checked and tested before leaving the factory. In this way, Carltsø Safety Tools meet all the quality demands required for safety tools.





**Welcome to the world of Carltsø Safety Tools.  
We make your workplace Safer.  
If you just had the right Tools.....**

**Manufacturing High-quality Non-sparking, Non-magnetic and Non-corrosive Carltsø Safety Tools** since 1956. With more than 50 years of experience, **Carltsø Safety Tools** is the leader of special Copper Alloy Safety Hand Tools manufactured for use in any high risk area where a spark can create a disaster.

**Carltsø Non-Sparking Safety Tools are recommended for use where hazardous, flammable or combustible vapors, liquids, dusts or residues are present and should be used by all industrial safety programs. Carltsø Non-Sparking Safety Tools** are an inexpensive investment for your company.

**Carltsø Non-Magnetic Safety Tools** are tested according to NATO specification STANAG 2897 Annex C, where the magnetic value is measured in Nano Teslar. This enables our Tools to be used around sensitive magnetic equipment, including scanners, de-mining, disarming, etc. Our Tools are NATO stock numbered.

**Carltsø Corrosion Resistant Safety Tools** are the ideal choice when working in marine and offshore environments. Corrosion / rust can be extremely dangerous in hazardous environments. Impacts involving rust can initiate a thermal reaction which can cause an ignition in an explosive atmosphere.

*It is important that the user of **Carltsø Safety Tools** keeps the Tools in clean working order. Like other personal protection equipment, is it each user's duty to inspect the Tools before use.*

**Carltsø** offers over 3000 individual Tools made from Special Solid Copper-Based Alloyed Tools. We manufacture and supply our **Carltsø Safety Tools** in two different alloys: Copper-Beryllium Alloy (CuBe<sub>2</sub>) and a Special Aluminium-Bronze Alloy (AlBr).

International Regulation for Work in Ex or ATEX zones demands the right equipment. **Carltsø Copper-Beryllium Tools** (CuBe<sub>2</sub>) fulfill the demand in the European ATEX directive for work in Zone 0, 1 and 2 (Gas, Mists or Vapors). Zones 20, 21 and 22 (Dusts). M1 and M2 for mining.

**Carltsø Aluminium-Bronze Tools** (AlBr) fulfill the demand in the European ATEX directive for work in Zones 1 and 2 (Gas, Mists or Vapors). Zones 21 and 22 (Dusts).

**Gas, Mists or Vapors**

- Zone 0 — An atmosphere where a mixture of air and flammable substances in the form of gas, vapor or mist is present frequently, continuously or for long periods.
- Zone 1 — An atmosphere where a mixture of air and flammable substances in the form of gas, vapor or mist is likely to occur in normal operation occasionally.
- Zone 2 — An atmosphere where a mixture of air and flammable substances in the form of gas, vapor or mist is not likely to occur in normal operation but, if it does occur, will persist for only a short period.

**Dusts**

- Zone 20 — An atmosphere where a cloud of combustible dust in the air is present frequently, continuously or for long periods.
- Zone 21 — An atmosphere where a cloud of combustible dust in the air is likely to occur in normal operation occasionally.
- Zone 22 — An atmosphere where a cloud of combustible dust in the air is not likely to occur in normal operation but, if it does occur, will persist for only a short period.

All **Carltsø Safety Tools** are laser engraved according to Ex/ATEX classifications and our own marking procedure. ATEX guidelines will be provided upon request.

Product liability, quality control, testing and customer service are a priority at **Carltsø**.

**Carltsø** is an ISO9001:2000 certified company, and our Tools are recommended and certified by several international organizations such as BVQI, DNV, Force Technologies and the Danish Navy. **Carltsø Safety Tools** are continuously spark-proof tested according to our strict test procedure (CST Test).

Shovels  
Brushes  
Clamps and Additional Tools  
Toolkit

Sockets and Accessories  
Screwdrivers  
Scrapers  
Files, Scissors, Saw

Wrenches  
Pliers  
Hammers  
Punches  
Chisels



**Carltsoc Non-Sparking Safety Tools** are recommended for use where hazardous, flammable or combustible vapors, liquids, dusts or residues are present and should be used by all industrial safety programs. **Carltsoc Non-Sparking Safety Tools** are an inexpensive investment for your company.

Industries whom should consider the need of **Carltsoc Safety Tools** because of it's **Non-Sparking properties:**

**Manufacturing Industries:**

- Alcohol Industries
- Ammunition, Missile & Explosives Plants
- Automotive Plants
- Breweries & Distilleries
- Chemical Manufacturing
- Flammable Materials Manufacturing
- Flour Mills
- Furniture Manufacturers (Varnish and Painting)
- Gas Plants
- Glue Factories
- Ink Industries
- Liquefied Petroleum Gases (LPG)
- Mining
- Nuclear Products
- Oil & Natural Gas Drilling, Refining & Handling
- Paint, Lacquer & Varnish Products
- Paper and Pulp Mills
- Petrochemicals
- Petroleum Refining
- Pharmaceutical Industries
- Pipeline Construction & Maintenance
- Plastic Manufacturing
- Sugar Mills
- Synthetic Fiber Manufacturing
- Wine Industries

**Transportation Industries and their Maintenance, Cleaning & Service Companies:**

- Airports
- Railroads
- Shipyards
- Tankers
- Tanker Trucks
- Vessels
- Workboats

**Governmental Agencies:**

- Aircraft and Missile Plants
- Airport (Refueling & Maintenance Operations)
- Armed Forces (Army, Navy, Air Force, Marine, Coast Guard & Civil Support Units)
- Chemical, Biological, Radiological, Nuclear or Explosives Logistical Support Operational Equipment.
- Fire Departments, Military Bases
- First Responders to Weapons of Mass Destruction, Firefighters, Public Safety Bomb Squads & Local Rescue Squads
- Hazardous Materials Handling & Clean-Up
- Munitions Depots
- Nuclear Production and Waste
- Public Utilities: Gas, Electric & Telecommunication
- Waste Management
- Water Treatment Facilities

**Other Industries:**

- Cleaning & Spraying Operations
- Confined Space Maintenance
- Explosive & Pyrotechnics
- Geophysical Exploration
- Grain Storage & Handling
- Hazardous Material Handling
- Maintenance & Service Operations
- Paint Spraying, Finishing and Booth Operations
- Packing Plants
- Propane Distributors & Bulk Plants
- Warehousing of all Hazardous Materials

Industries whom should consider the need of **Carltsoc Safety Tools** because of it's **Non-Magnetic properties:**

- Aircraft Maintenance & Overhaul
- Aluminium & Other Metal Smelting
- Electronics Manufacturers
- Hospitals & Clinics Magnetic Resonance Imaging
- MRI- Maintenance
- Mine Sweepers
- Nuclear Products & Testing Machines
- Precision Magnetic Equipment
- Public Utilities: Gas, Electric & Tele
- Radar Transmission Centers

Industries whom should consider the need of **Carltsoc Safety Tools** because of it's **Corrosion Resistant properties:**

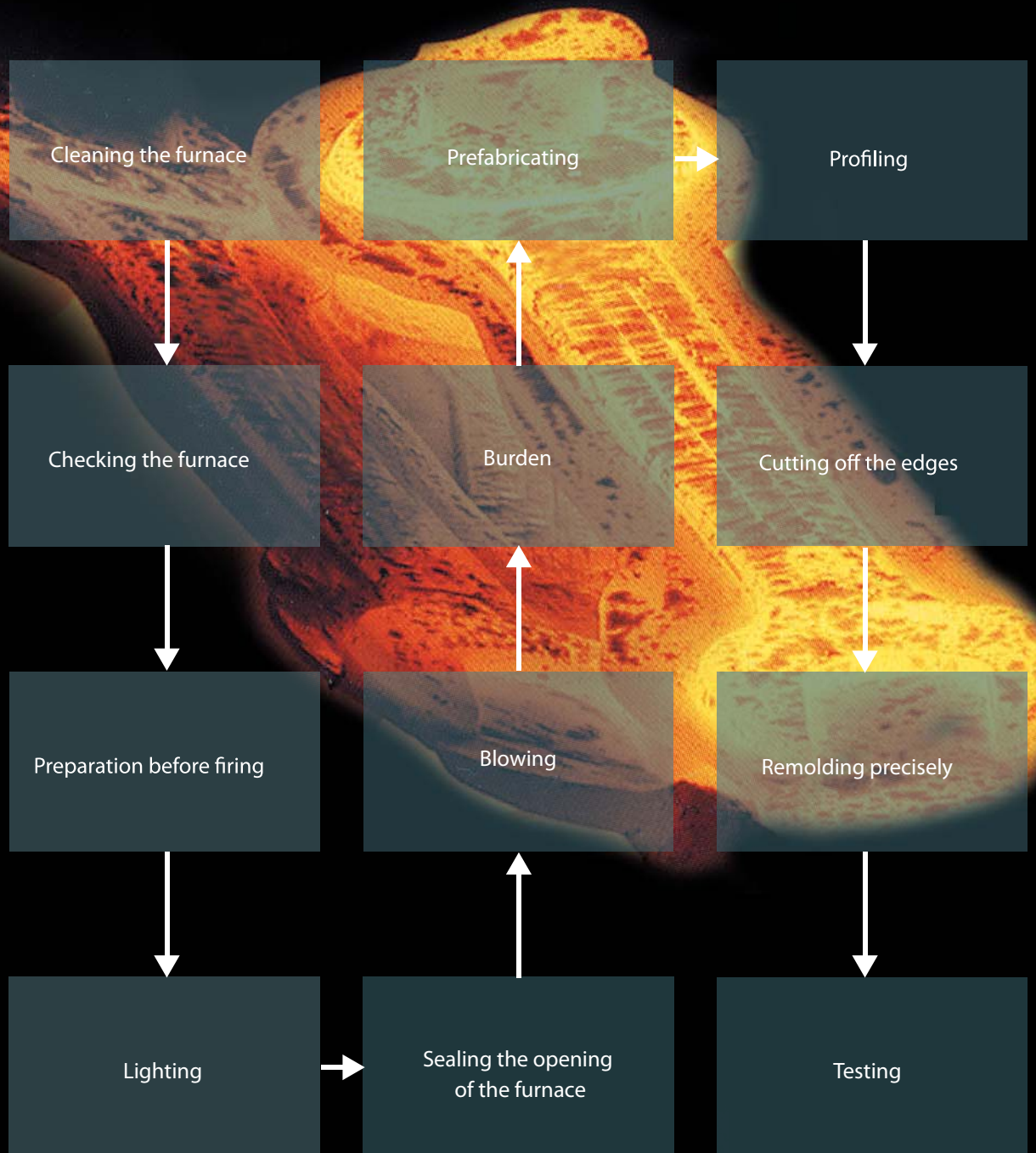
- Boat Owners
- Chemical Manufacturing
- Desalinization Plants
- Food product Manufacturing
- Laboratories
- Paper & Pulp Mills
- Petrochemicals
- Pharmaceutical Industry
- Plastic Manufacturing
- Shipyards
- Tankers, Vessels & Other Work Boats
- Wine Industry





Advanced forging technology ensures all of our products high quality and refined appearance.

The liquid forging technology procedures are:



Shovels  
Brushes  
Clamps and Additional Tools  
Toolkit

Sockets and Accessories  
Screwdrivers  
Scrapers  
Files, Scissors, Saw

Wrenches  
Pliers  
Hammers  
Punches  
Chisels

Carltsø Safety Tools® Since 1956 Non-Sparking Tools

# MENU



## Wrenches

- Adjustable End Wrench
- Ratchet Wrench
- Adjustable Hook Spanner
- Hook Spanner
- Wrench, Striking Open End
- Wrench, Striking Box
- Wrench, Single End Box
- Striking Box Wrench, Offset Type
- Double Open End Wrench
- Single Open End Wrench
- Double Box End Wrench, Offset Type
- Double Box End Wrench, Straight Type
- Wrench-Construction, Offset Type With Pin
- Box Wrench For Extension
- Extension For Box Wrench
- Combination Wrench
- Valve Wheel Hook
- Valve Spanner
- Valve Spanner, Special
- Gas Tube Spanner
- Bung Wrench
- Bung Wrench
- Bung Wrench
- Bung Wrench, Universal

## Pliers

- Adjustable Pipe Wrench
- Chain Pipe Wrench
- Pipe Pliers, Swedish Type
- Water Pump Pliers
- Lineman's Pliers, Side Cutting
- Diagonal Cutting Pliers
- Diagonal Cutting Pliers, Heavy Duty
- Long Nose Pliers
- Round Nose Pliers
- Flat Nose Pliers
- Combination Pliers, Slip Joint
- Pincers
- Pipe Pliers
- Parallel Vice

## Hammers

- Ball Peen Hammer
- Cross Peen Hammer
- Double Face Machinist's Hammer
- Machinist's Hammer
- Sledge Hammer
- Sledge Hammer, German Type
- Cutoff Hammer
- Scaling Hammer

- Stone Wedge
- Bricklayer's Hammer
- Claw Hammer
- Plastic Hammer
- Orate Opener
- Axe
- Hatchet

## Punches

- Center Punch
- Cylindrical Drift
- Drift Pin, Straight Type
- Pin Punch

## Chisels

- Flat Chisel
- Cross Cutting Chisel
- Point Chisel - 6 Point
- Bull Point

## Sockets and Accessories

- Socket 1/2 "
- Converter
- Universal Joint
- Extension Bar
- Offset Grip Handle
- Speed Handle
- Sliding Tee
- Hinged Handle
- Ratchet Spanner
- Ratchet Spanner

## Screwdrivers

- Hexagonal Head Wrench
- Long Arm Hex. Key, Ball End
- Flat Type Screwdriver
- Cross Slot Screwdriver
- Offset Screwdriver
- Wrench - Socket "L"
- Wrench - Socket "T"

## Scrapers

- Flat Scraper
- Angle Scraper
- Angle Scraper
- Hoe Scraper
- Deck Scraper
- Long Blade Scraper
- Triangular Scraper
- Plate Scraper

## Files, Scissors, Saw

- Half Round File
- Round File
- Hand File
- Tinner's Snip Plate Shear
- Scissors
- Scissors
- Knife
- Knife
- Knife
- Putty Knife
- Hand Saw
- Hack Saw Frame
- Hack Saw Blade

## Shovels

- Scoop
- Shovel
- Shovel, Round Point
- Edging Spade

## Brushes

- Brush
- Brush
- Wheel Brush
- Cup Brush

## Clamps and Additional Tools

- Tweezers, Standard Type
- Tweezers, Sharp Type
- "G" Clamp
- Earthing Clamp
- Marking Tool
- Caulking Tool
- Caulking Tool
- Crowbar
- Wrecking Bar
- Scraper, Pick and Scalers
- Carbide Drum Opener
- Wedge
- Angle Tracing Point
- Tri Square
- Ruler
- Rake
- Fork
- Hoe
- Pick
- Bucket
- Shackle
- Pipe Cutter
- Chain Hoist

## Toolkit



# Carltssoe Round Corner Shape

- ★ All Box/Ring Ended Carltssoe Tools, are manufactured with Carltssoe's Round Corner.
- ★ Carltssoe's Round Corner design prevents damage to the bolt head.
- ★ Very high tensile strength due to the design of the Carltssoe Round Corner.

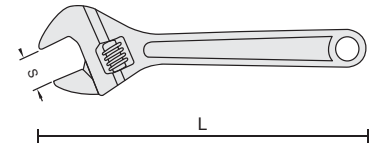
Shovels  
Brushes  
Clamps and Additional Tools  
Toolkit

Sockets and Accessories  
Screwdrivers  
Scrapers  
Files, Scissors, Saw

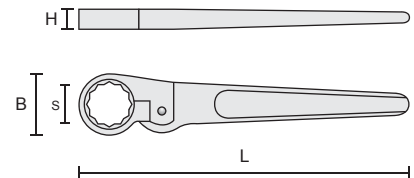
Wrenches  
Pliers  
Hammers  
Punches  
Chisels

Carltssoe Safety Tools® Since 1956 Non-Sparking Tools

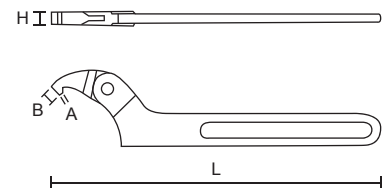




<b>Ex501</b> <b>Adjustable End Wrench</b>	No.	Lmm	L"	Be $\frac{\circ}{\circ}$	Al $\frac{\circ}{\circ}$
	Ex501-6	155	6"	130	112
	Ex501-8	205	8"	225	217
	Ex501-10	255	10"	356	342
	Ex501-12	305	12"	657	593
	Ex501-15	380	15"	1392	1253
	Ex501-18	455	18"	2165	1862
	Ex501-24	605	24"	3939	3384



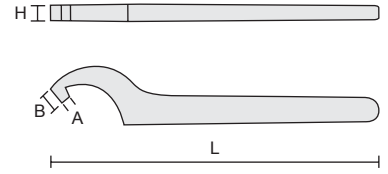
<b>Ex504</b> <b>Ratchet Wrench</b>	No.	S	L	B	H	Be $\frac{\circ}{\circ}$	Al $\frac{\circ}{\circ}$
	Ex504-9	9	155	30	6	1664	1430
	Ex504-11	11	215	33	8	1930	1658
	Ex504-13	13	215	35	8	2118	1820
	Ex504-14	14	215	36	10	2487	2137
	Ex504-17	17	215	39	10	2776	2385
	Ex504-19	19	260	42	12	3069	2637
	Ex504-22	22	260	44	12	3294	2830
	Ex504-24	24	260	48	14	3498	3005
	Ex504-27	27	260	50	14	4090	3514
	Ex504-30	30	390	55	15	4470	3840
	Ex504-32	32	390	58	15	5001	4297
	Ex504-36	36	505	62	16	5274	4531
Ex504-41	41	505	67	16	5587	4800	



<b>Ex208S</b> <b>Adjustable Hook Spanner</b>	No.	$\frac{\circ}{\circ}$ mm	L	B	A	H	Be $\frac{\circ}{\circ}$	Al $\frac{\circ}{\circ}$
	Ex208S-32/75	32/75	205	6	3	10	200	172
	Ex208S-50/120	50/120	285	10.5	4.5	14	538	462
	Ex208S-115/170	115/170	310	14.9	7	20	780	670

Adjustable End Wrench  
 Ratchet Wrench  
 Adjustable Hook Spanner



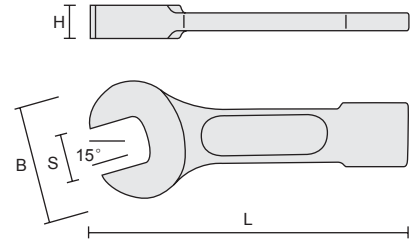


## Ex208 Hook Spanner

No.	mm	L	B	A	H	Be	Al
Ex208-12/14	12/14	105	4.61	2	6	28	24
Ex208-16/20	16/20	108	5.62	3	6	40	34
Ex208-25/28	25/28	130	7.19	4	6	74	64
Ex208-30/32	30/32	168	6.78	5	7	101	87
Ex208-34/36	34/36	168	6.72	5	7	170	146
Ex208-40/42	40/42	180	8.79	5	8	190	163
Ex208-45/50	45/50	205	11.37	5	8	202	174
Ex208-52/55	52/55	205	11.87	6	8	307	264
Ex208-58/62	58/62	235	12.93	6	10	392	331
Ex208-68/75	68/75	255	12.98	8	13	412	353
Ex208-80/90	80/90	280	12.04	8	9	596	512
Ex208-90/100	90/100	305	12.58	10	9	671	577
Ex208-95/100	95/100	305	15.27	10	10	796	684
Ex208-100/110	100/110	330	12.62	10	10	859	738
Ex208-110/115	110/115	330	19.03	12	7	910	782
Ex208-120/130	120/130	340	20.08	12	8	988	849
Ex208-135/145	135/145	350	18.24	12	8	1012	870



DIN 133



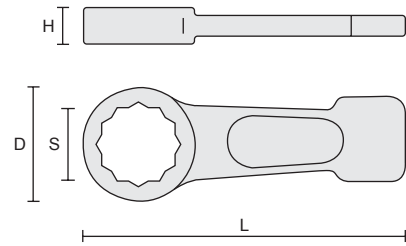
## Ex200 Wrench, Striking Open End

AVAILABLE IN LAGER AS WELL AS INTERMEDIATE SIZE IN METRIC AND INCH.

No.	mm	L	B	H	Be	Al
Ex200-17	17	140	37	15	349	300
Ex200-19	19	140	42	15	401	345
Ex200-22	22	150	49	17	466	400
Ex200-24	24	160	53	17	538	462
Ex200-27	27	180	58	17	796	684
Ex200-30	30	190	66	18	850	730
Ex200-32	32	195	68	18	903	776
Ex200-36	36	210	78	20	1052	904
Ex200-41	41	225	90	20	1844	1584
Ex200-46	46	255	100	22	2184	1876
Ex200-50	50	280	110	22	2380	2045
Ex200-55	55	310	120	25	2984	2564
Ex200-60	60	320	130	25	3991	3429
Ex200-65	65	350	141	28	5153	4400
Ex200-70	70	375	151	30	7956	6835



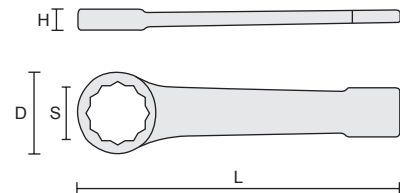
DIN 7444



**Ex201B**  
Wrench, Striking Box

AVAILABLE IN LAGER AS WELL AS INTERMEDIATE SIZES IN METRIC AND INCH.

No.	Ømm	L	D	H	Be $\Delta_{\pm 0.1}$	Al $\Delta_{\pm 0.1}$
Ex201B-27	27	180	47	17	317	272
Ex201B-30	30	190	54	18	518	445
Ex201B-32	32	195	54	18	545	468
Ex201B-36	36	205	60	20	603	518
Ex201B-41	41	225	66	22	1115	958
Ex201B-46	46	240	75	24	1194	1026
Ex201B-50	50	250	80	25	1242	1067
Ex201B-55	55	270	88	26	1291	1109
Ex201B-60	60	270	94	28	1438	1235
Ex201B-65	65	290	101	29	1711	1470
Ex201B-70	70	320	110	33	2456	2118
Ex201B-75	75	335	117	34	3189	2740
Ex201B-80	80	345	123	35	4086	3510
Ex201B-85	85	365	131	37	4907	4216
Ex201B-90	90	400	152	42	5739	4930
Ex201B-95	95	400	152	42	6169	5300
Ex201B-100	100	400	152	42	6227	5350



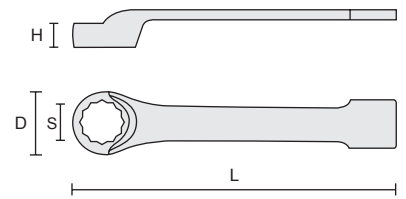
**Ex201**  
Wrench, Single End Box

AVAILABLE IN LAGER AS WELL AS INTERMEDIATE SIZES IN METRIC AND INCH.

No.	Ømm	L	D	H	Be $\Delta_{\pm 0.1}$	Al $\Delta_{\pm 0.1}$
Ex201-27	27	210	44	12	209	180
Ex201-30	30	210	51	13	321	276
Ex201-32	32	210	51	13	396	373
Ex201-36	36	225	55	14	680	580
Ex201-41	41	240	60	15	860	800
Ex201-46	46	255	66	16	1051	903
Ex201-50	50	265	71	16.5	1248	1072
Ex201-52	52	280	78	17	1309	1124
Ex201-55	55	280	78	17	1348	1158
Ex201-56	56	280	78	17	1390	1197
Ex201-57	57	290	85	17.5	1403	1205
Ex201-60	60	290	85	17.5	1477	1278
Ex201-65	65	315	93	18.5	1528	1313
Ex201-67	67	315	93	18.5	1612	1385
Ex201-70	70	330	100	19	1655	1422
Ex201-75	75	340	105	20	2460	2114
Ex201-80	80	360	118	20.5	2819	2422

Hook Spanner  
Wrench, Striking Open End  
Wrench, Striking Box  
Wrench, Single End Box

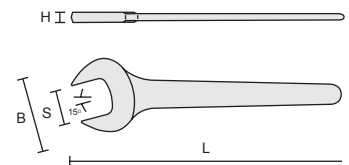




## Ex201F Striking Box Wrench, Offset Type

AVAILABLE IN LAGER AS WELL AS  
INTERMEDIATE SIZES IN METRIC  
AND INCH.

No.	Ømm	L	D	H	Be $\Delta\pm\Delta$	Al $\Delta\pm\Delta$
Ex201F-27	27	155	43	20.7	455	391
Ex201F-30	30	155	47	20.7	520	447
Ex201F-32	32	155	50	22.6	761	654
Ex201F-36	36	170	56	24.6	1066	916
Ex201F-41	41	185	64	26.6	1311	1126
Ex201F-46	46	210	71	27.6	1838	1579
Ex201F-50	50	210	77	28.8	2596	2230
Ex201F-55	55	220	80	30	3345	2874
Ex201F-60	60	225	85	31.5	4127	3546
Ex201F-65	65	230	90	33	1948	4251



## Ex205 Single Open End Wrench

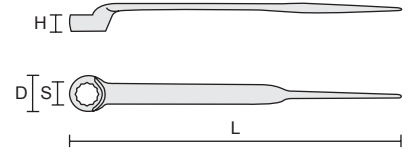
AVAILABLE IN LAGER AS WELL AS  
INTERMEDIATE SIZES IN METRIC  
AND INCH.

No.	Ømm	L	B	H	Be $\Delta\pm\Delta$	Al $\Delta\pm\Delta$
Ex205-6	6	90	20	4	29	25
Ex205-7	7	90	21	5	35	30
Ex205-8	8	110	21	5	39	34
Ex205-9	9	110	23.5	5	49	42
Ex205-10	10	110	24.5	5	58	50
Ex205-11	11	115	27.5	5	72	62
Ex205-14	14	125	33	5.5	81	70
Ex205-17	17	140	40	6	100	86
Ex205-19	19	170	44	7	108	93
Ex205-22	22	195	49.5	8	156	134
Ex205-24	24	195	51	9	300	258
Ex205-27	27	230	61	9.8	311	267
Ex205-30	30	235	65.5	10.9	378	325
Ex205-32	32	290	69	11.8	445	382
Ex205-36	36	305	78	12.8	640	550
Ex205-41	41	340	85	13.8	745	640
Ex205-46	46	360	97	15	916	787
Ex205-50	50	380	103	15.8	1133	974
Ex205-55	55	400	114	16.8	1450	1246
Ex205-60	60	430	125	17.7	1909	1640
Ex205-65	65	460	132	18.7	1969	1692

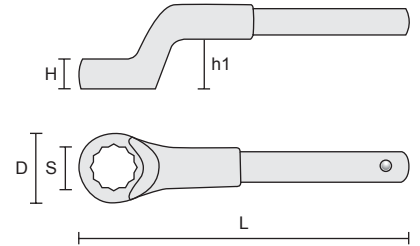








Ex204S	No.	Ømm	L	D	H	Be $\Delta\pm\Delta$	Al $\Delta\pm\Delta$
<b>Wrench-Construction, Offset Type With Pin</b>  AVAILABLE IN LARGER AS WELL AS INTERMEDIATE SIZES IN METRIC AND INCH.	Ex204S-22	22	355	37	15	260	224
	Ex204S-24	24	355	40	16	325	279
	Ex204S-27	27	405	43	17	359	308
	Ex204S-30	30	405	48	18	523	449
	Ex204S-32	32	405	52	19	670	576
	Ex204S-36	36	455	58	20	989	850
	Ex204S-38	38	455	61	21	1102	947
	Ex204S-41	41	455	64	22	1182	1016
	Ex204S-44	44	505	67	23	1346	1156
	Ex204S-46	46	505	71	24	1522	1308
	Ex204S-50	50	555	78	26	1687	1449



Ex215	No.	Ømm	L	D	H	h1	Be $\Delta\pm\Delta$	Al $\Delta\pm\Delta$
<b>Box Wrench For Extension</b>  AVAILABLE IN LARGER AS WELL AS INTERMEDIATE SIZES IN METRIC AND INCH.	Ex215-30	30	200	47	34	19	943	810
	Ex215-32	32	235	51	34	19	967	831
	Ex215-33	33	235	51	34	19	986	847
	Ex215-34	34	235	51	34	19	1003	862
	Ex215-35	35	245	54	35	20	1017	874
	Ex215-36	36	245	54	35	20	1035	889
	Ex215-37	37	250	56	37	21	1076	924
	Ex215-38	38	250	56	37	21	1148	986
	Ex215-41	41	265	62	39	22	1260	1083
	Ex215-42	42	265	62	39	22	1440	1237
	Ex215-46	46	280	69	40	23	1610	1383
	Ex215-47	47	280	69	40	23	1683	1446
	Ex215-50	50	290	76	42	25	1767	1518

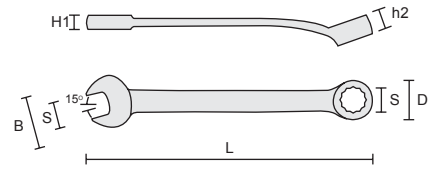


Ex216	No.	L	Φ 1	Φ 2	Brass $\Delta\pm\Delta$
<b>Extension For Box Wrench</b>	Ex216-22	600	26	22	757
	Ex216-25	750	30	25	1339
	Ex216-30	850	35.8	30	2307





DIN 3113

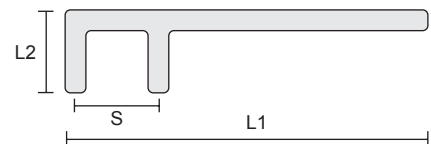


## Ex206

### Combination Wrench

AVAILABLE IN LARGER AS WELL AS INTERMEDIATE SIZES IN METRIC AND INCH.

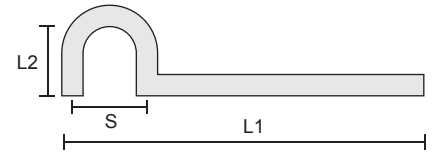
No.	Ømm	B	D	H1	H2	S	Be $\Delta_{\pm\Delta}$	Al $\Delta_{\pm\Delta}$
Ex206-6	6	100	17.2	10.5	4	6	27	24
Ex206-7	7	110	18.5	13	4	7	33	29
Ex206-8	8	120	20.8	14	4	7	37	32
Ex206-9	9	130	23	16	5	8	44	38
Ex206-10	10	140	24	17	5	9	54	46
Ex206-11	11	150	27	19	5	9	71	61
Ex206-12	12	160	28.5	21	5	9	100	86
Ex206-13	13	170	31	22	6	10	128	109
Ex206-14	14	180	33	24	6	10	139	121
Ex206-15	15	190	35.5	25	6	11	158	136
Ex206-16	16	200	36.5	26	6	11	162	139
Ex206-17	17	210	39.5	28	7	12	206	170
Ex206-18	18	220	41.5	30	7	12	211	182
Ex206-19	19	230	44	31	7	12	258	224
Ex206-20	20	240	45.5	33	8	13	420	361
Ex206-21	21	252	47	34	9	13	427	367
Ex206-22	22	262	49.5	36	10	14	443	381
Ex206-24	24	282	54.5	39	11	16	510	438
Ex206-25	25	330	62	41	13	18	528	454
Ex206-26	26	330	62	41	8.2	15	577	496
Ex206-27	27	330	62	41	8.5	15.5	620	533
Ex206-28	28	320	61	44	8.8	16	641	551
Ex206-29	29	330	65.5	45	8.8	16.5	744	639
Ex206-30	30	340	65.5	48	9	17	870	748
Ex206-32	32	380	69	51	9.5	18	959	824
Ex206-36	36	460	77	57	10.5	20	1160	997
Ex206-38	38	460	84	59	15	24	1345	1156
Ex206-41	41	475	88	63	17	26	1527	1312
Ex206-42	42	475	88	63	17	26	1754	1507
Ex206-46	46	500	96	70	18	28	2077	1785
Ex206-50	50	550	105	76	19	30	2243	1927
Ex206-55	55	570	114	84	20	31	2631	2261
Ex206-60	60	570	122	92	22	33	2875	2470
Ex206-65	65	570	132	102	23	34	3038	2610
Ex206-70	70	570	142	112	23	34	3312	2846



## Ex207F

### Valve Wheel Hook

No.	Ømm	L1	L2	Be $\Delta_{\pm\Delta}$	Al $\Delta_{\pm\Delta}$
Ex207F-30300	30	300	43	582	500
Ex207F-40400	40	400	56	1012	876
Ex207F-50500	50	500	69	1220	1048
Ex207F-60600	60	600	82	1578	1356
Ex207F-70700	70	700	95	1831	1573
Ex207F-80800	80	800	108	2176	1870



Ex207 Valve Spanner	No.	Ømm	L1	L2	Be	Al
	Ex207-32	32	250	51	535	460
Ex207-36	36	272	53	751	645	
Ex207-41	41	300	55.5	919	790	
Ex207-50	50	320	60	1130	971	



Ex207S Valve Spanner, Special	No.	Ømm	L	Be	Al
	Ex207S-76178	76/178	215	458	393
Ex207S-203381	203/381	400	860	739	
Ex207S-406508	406/508	490	1745	1499	



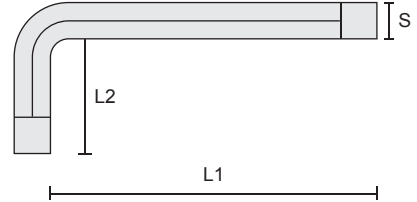
Ex212 Gas Tube Spanner	No.	Ømm	L	Be	Al
	Ex212-51	51	540	1547	1329
Ex212-76	76	590	2056	1766	



Ex110 Bung Wrench	No.	L	Be $\frac{1}{2}$ $\frac{1}{2}$	Al $\frac{1}{2}$ $\frac{1}{2}$
	Ex110-395	395	2077	1785



Ex110ES Bung Wrench	No.	L	Be $\frac{1}{2}$ $\frac{1}{2}$	Al $\frac{1}{2}$ $\frac{1}{2}$
	Ex110ES-385	385	776	667



Ex213 Bung Wrench	No.	S	L1	L2	Be $\frac{1}{2}$ $\frac{1}{2}$	Al $\frac{1}{2}$ $\frac{1}{2}$
	Ex213-22	22	255	70	1048	900
	Ex213-24	24	255	80	1164	1000
	Ex213-27	27	310	90	2211	1900
	Ex213-32	32	310	100	2677	2300



Ex110S Bung Wrench, Universal	No.	L	Be $\frac{1}{2}$ $\frac{1}{2}$	Al $\frac{1}{2}$ $\frac{1}{2}$
	Ex110S-385	385	1817	1561

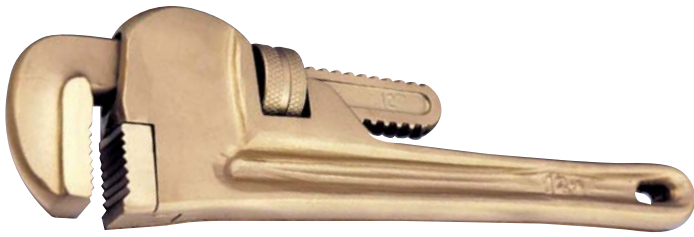
Valve Spanner  
 Valve Spanner, Special  
 Gas Tube Spanner  
 Bung Wrench  
 Bung Wrench  
 Bung Wrench, Universal





# Ergonomic Handles

- ★ Ergonomic two-component handle on all Cartlsoe Pliers.
- ★ Maximum Handgrip prevents slipping.
- ★ Unique handle design for Safety Tools.

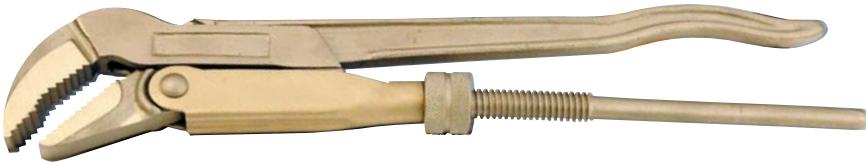


<b>Ex502</b> <b>Adjustable Pipe Wrench</b>	No.	Lmm	L	Be $\frac{1}{2}$ "	Al $\frac{1}{2}$ "
	Ex502-8	200	8"	505	436
	Ex502-10	250	10"	1047	897.5
	Ex502-12	300	12"	1466	1284
	Ex502-14	350	14"	1750	1538
	Ex502-18	450	18"	2993	2571
	Ex502-24	600	24"	4757	4076
	Ex502-36	900	36"	5645	4850
	Ex502-48	1200	48"	6356	5461



<b>Ex600</b> <b>Chain Pipe Wrench</b>	No.	L	$\Phi$	Be $\frac{1}{2}$ "	Al $\frac{1}{2}$ "
	Ex600-50	600	50	989	850
	Ex600-100	600	100	1599	1374
	Ex600-150	600	150	2158	1854

Adjustable Pipe Wrench  
 Chain Pipe Wrench  
 Pipe Pliers, Swedish Type  
 Water Pump Pliers

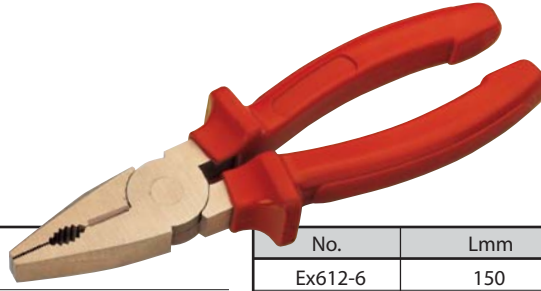


<b>Ex505</b> <b>Pipe Pliers, Swedish Type</b>	No.	S	L	Be $\frac{1}{2}$ "	Al $\frac{1}{2}$ "
	Ex505-1.5	1-1/2"	420	1650	1418
	Ex505-2	2"	550	3282	2860

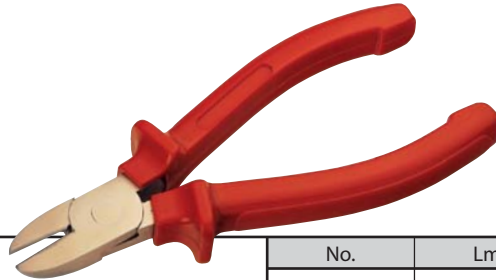


<b>Ex604</b> <b>Water Pump Pliers</b>	No.	Lmm	L	Be $\frac{1}{2}$ "	Al $\frac{1}{2}$ "
	Ex604-10	250	10"	368	316
	Ex604-12	300	12"	718	617

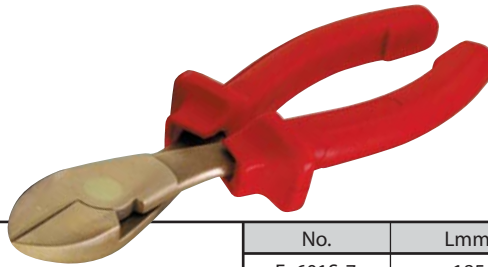




<b>Ex612 =</b> Lineman's Pliers, Side Cutting	No.	Lmm	L	Be $\frac{\Delta}{\Delta}$	Al $\frac{\Delta}{\Delta}$
	Ex612-6	150	6"	250	215
	Ex612-8	200	8"	396	340



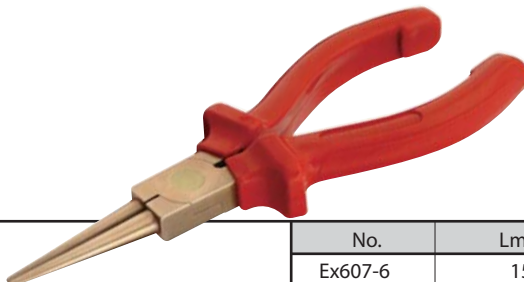
<b>Ex601 <math>\blacktriangleleft</math></b> Diagonal Cutting Pliers	No.	Lmm	L	Be $\frac{\Delta}{\Delta}$	Al $\frac{\Delta}{\Delta}$
	Ex601-6	160	6"	278	239
	Ex601-8	200	8"	378	339



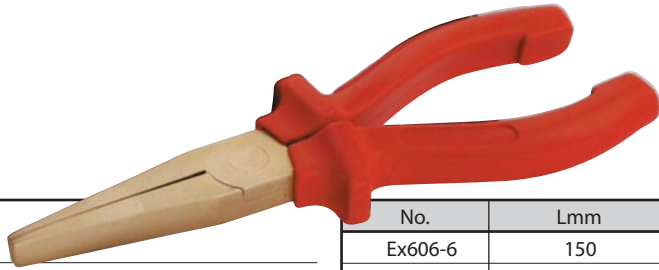
<b>Ex601S</b> Diagonal Cutting Pliers, Heavy Duty	No.	Lmm	L	Be $\frac{\Delta}{\Delta}$	Al $\frac{\Delta}{\Delta}$
	Ex601S-7	185	7"	189	162



<b>Ex611 <math>\bullet</math></b> Long Nose Pliers	No.	Lmm	L	Be $\frac{\Delta}{\Delta}$	Al $\frac{\Delta}{\Delta}$
	Ex611-7	180	7"	196	168

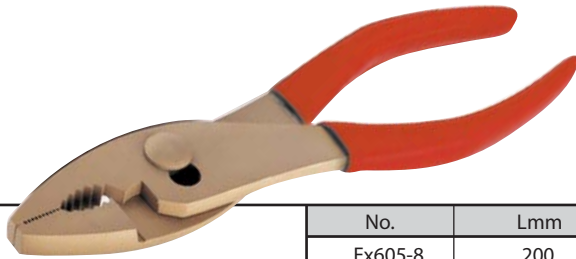


<b>Ex607 :</b> Round Nose Pliers	No.	Lmm	L	Be $\frac{\Delta}{\Delta}$	Al $\frac{\Delta}{\Delta}$
	Ex607-6	150	6"	136	116



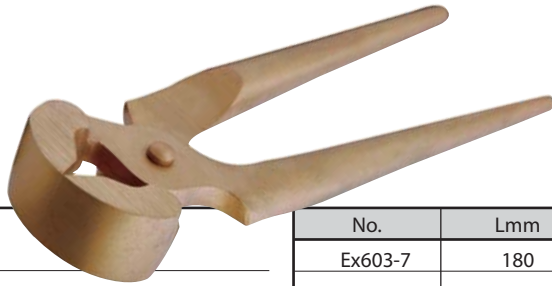
**Ex606** =  
Flat Nose Pliers

No.	Lmm	L	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
Ex606-6	150	6"	169	145



**Ex605**  
Combination Pliers, Slip Joint

No.	Lmm	L	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
Ex605-8	200	8"	258	228



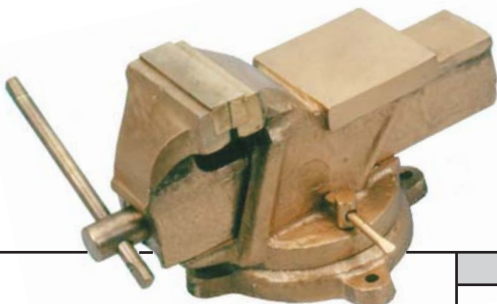
**Ex603**  
Pincers

No.	Lmm	L	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
Ex603-7	180	7"	455	391



**Ex602**  
Pipe Pliers

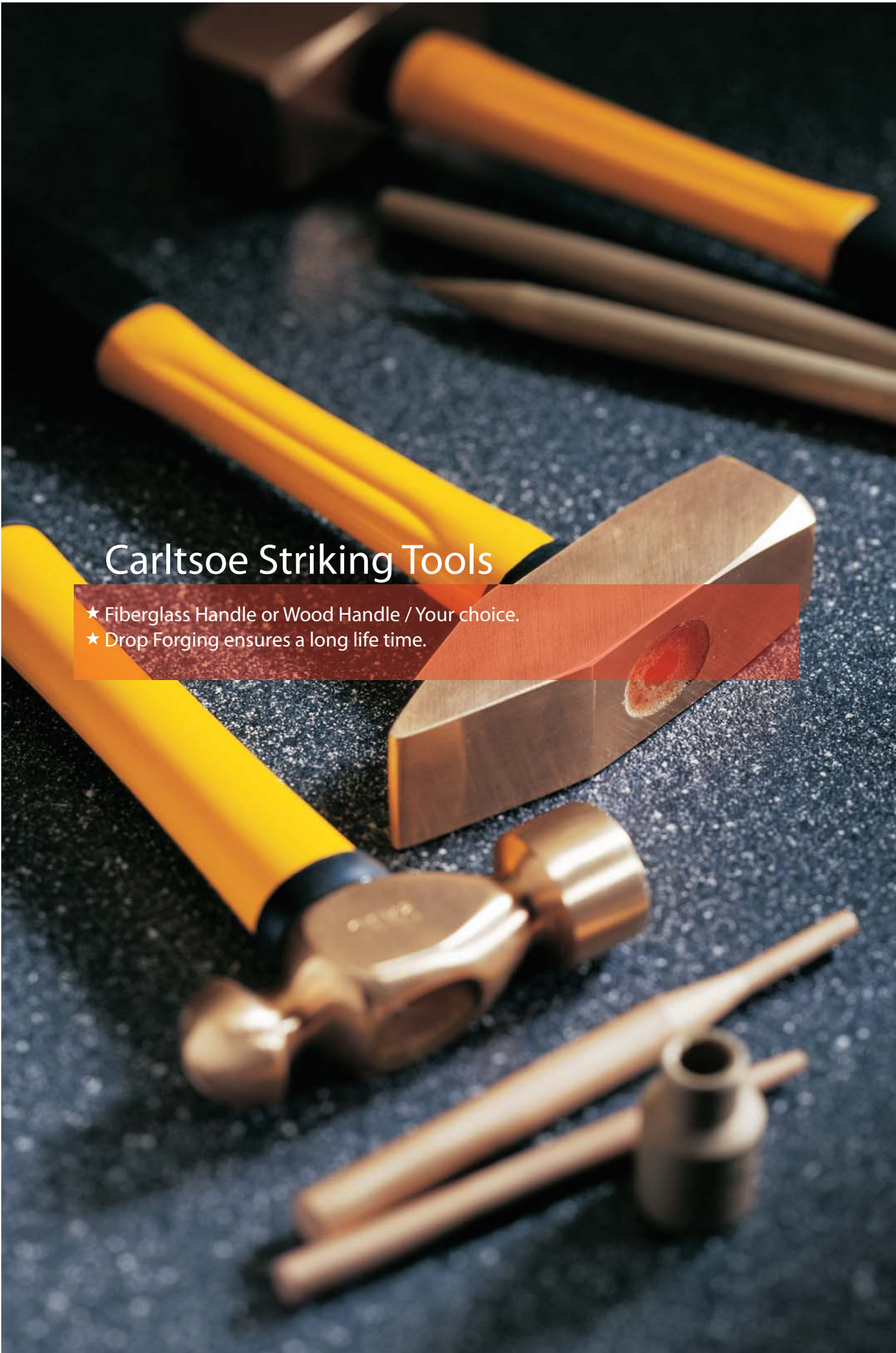
No.	Lmm	L	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
Ex602-8	210	8"	422	408



**Ex902**  
Parallel Vice

No.	S	Al $\Delta\ddagger\Delta$
Ex902-4	4"	1273
Ex902-5	5"	1652

Lineman's Pliers, Side Cutting  
 Diagonal Cutting Pliers  
 Diagonal Cutting Pliers, Heavy Duty  
 Long Nose Pliers  
 Round Nose Pliers  
 Flat Nose Pliers  
 Combination Pliers, Slip Joint  
 Pincers  
 Pipe Pliers  
 Parallel Vice



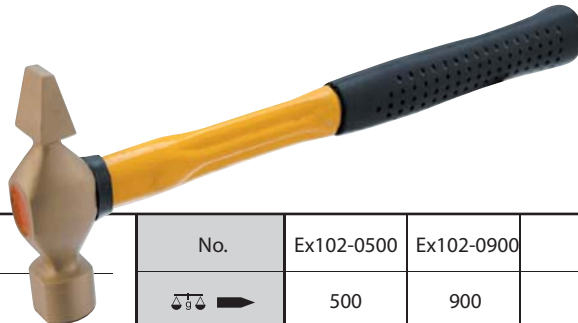
# Carltsae Striking Tools

- ★ Fiberglass Handle or Wood Handle / Your choice.
- ★ Drop Forging ensures a long life time.

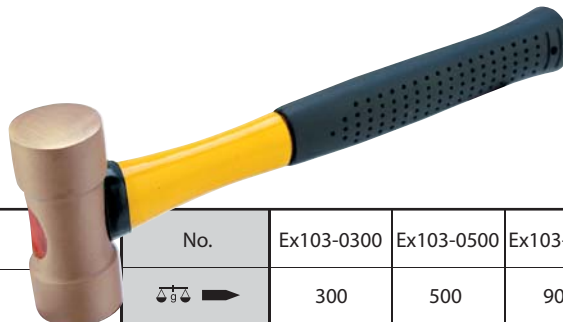




Ex101 Ball Peen Hammer	No.	Ex101-0200	Ex101-0500	Ex101-0700	Ex101-0900	
		200	500	700	900	



Ex102 Cross Peen Hammer	No.	Ex102-0500	Ex102-0900			
		500	900			



Ex103 Double Face Machinist's Hammer	No.	Ex103-0300	Ex103-0500	Ex103-0900		
		300	500	900		

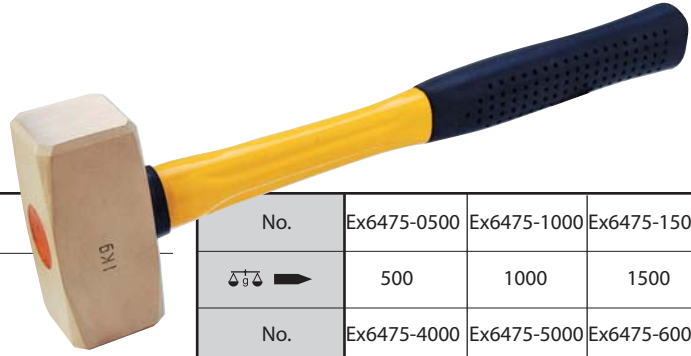


Ex1041 Machinist's Hammer	No.	Ex1041-0100	Ex1041-0200	Ex1041-0300	Ex1041-0500	Ex1041-0800
		100	200	300	500	800



Ex104 Sledge Hammer	No.	Ex104-0500	Ex104-1000	Ex104-1500	Ex104-2000	Ex104-2500
		500	1000	1500	2000	2500
	No.	Ex104-3000	Ex104-4000	Ex104-5000	Ex104-8000	Ex104-10000
	3000	4000	5000	8000	10000	

Ball Peen Hammer  
 Cross Peen Hammer  
 Double Face Machinist's Hammer  
 Machinist's Hammer  
 Sledge Hammer



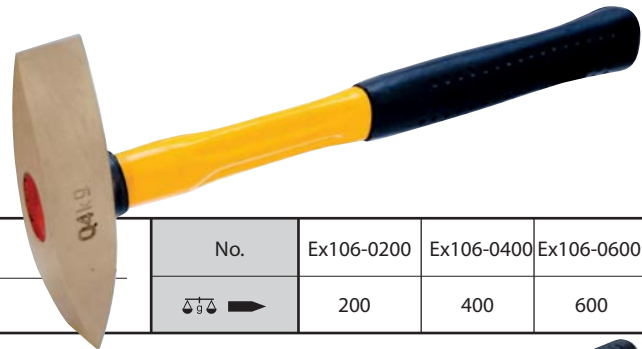
**Ex6475**  
Sledge Hammer,  
German Type

No.	Ex6475-0500	Ex6475-1000	Ex6475-1500	Ex6475-2000	Ex6475-3000
	500	1000	1500	2000	3000
No.	Ex6475-4000	Ex6475-5000	Ex6475-6000	Ex6475-7000	Ex6475-8000
	4000	5000	6000	7000	8000



**Ex105**  
Cutoff Hammer

No.	Ex105-1300	Ex105-2100			
	1300	2100			



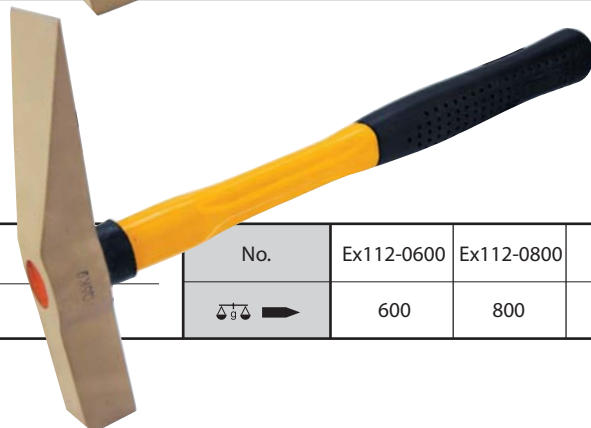
**Ex106**  
Scaling Hammer

No.	Ex106-0200	Ex106-0400	Ex106-0600	Ex106-0900	
	200	400	600	900	



**Ex107**  
Stone Wedge

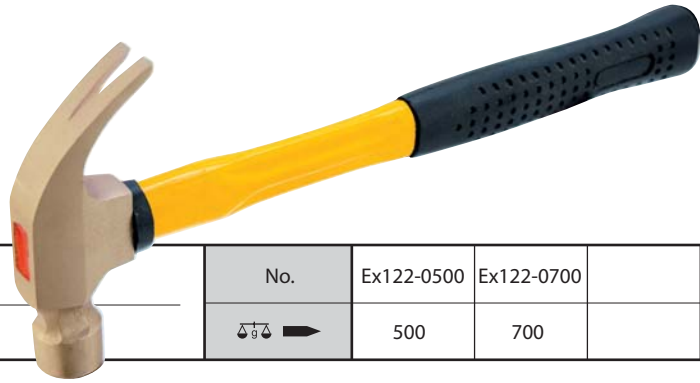
No.	Ex107-1000				
	1000				




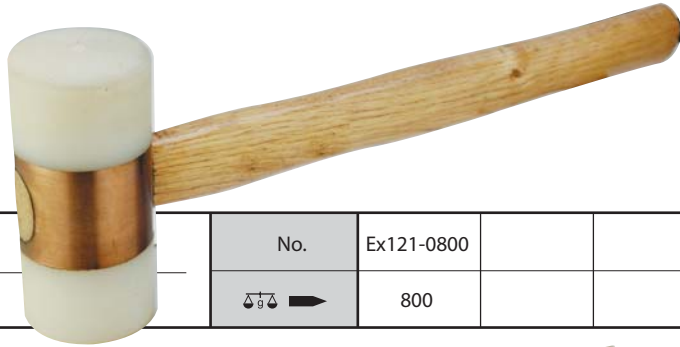
**Ex112**  
Bricklayer's Hammer



No.	Ex112-0600	Ex112-0800			
	600	800			

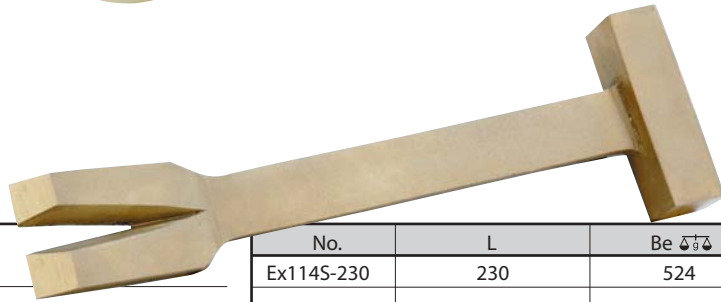
Ex122 Claw Hammer	No.	Ex122-0500	Ex122-0700			
	 	500	700			





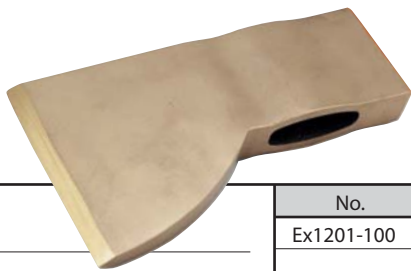
Ex121 Plastic Hammer	No.	Ex121-0800				
	 	800				





Ex114S Orate Opener	No.	L	Be 	Al 
	Ex114S-230	230	524	450



Ex1201 Axe	No.	L	Be 	Al 
	Ex1201-100	100	1658	1424

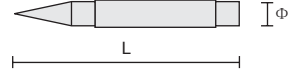


Ex1202 Hatchet	No.	L	Be 	Al 
	Ex1202-85	85	1111	955

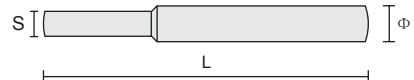


Sledge Hammer/German Type  
Cutoff Hammer  
Scaling Hammer  
Stone Wedge  
Bricklayer's Hammer  
Claw Hammer  
Plastic Hammer  
Orate Opener  
Axe  
Hatchet





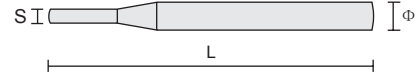
<b>Ex301</b> Center Punch	No.	L	Φ	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex301-10	100	10	50	43
	Ex301-12	150	12	74	64



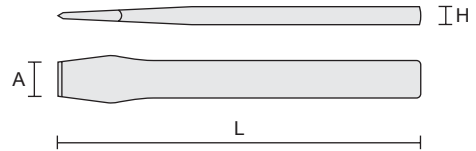
<b>Ex3010</b> Cylindrical Drift	No.	S	L	Φ	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex3010-10	10	110	4	46	40
	Ex3010-12	12	115	6	100	86
	Ex3010-14A	14	120	7	136	117
	Ex3010-14B	14	120	8	207	178
	Ex3010-16	16	145	10	239	205
	Ex3010-18	18	160	12	283	243
	Ex3010-20	20	180	14	334	287
	Ex3010-24	24	200	16	385	331
	Ex3010-30	30	225	18	442	380
	Ex3010-32	32	225	20	533	458
	Ex3010-40	40	250	32	604	519



<b>Ex301C</b> Drift Pin, Straight Type	No.	S	L	Φ	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex301C-2	2	150	10	42	36
	Ex301C-3	3	150	10	51	44
	Ex301C-4	4	150	10	68	58
	Ex301C-5	5	150	10	74	64
	Ex301C-6	6	150	10	94	81
	Ex301C-7	7	150	12	113	97
	Ex301C-8	8	150	12	147	126
	Ex301C-9	9	150	14	191	164
	Ex301C-10	10	150	14	223	192
	Ex301C-11	11	150	16	267	229
	Ex301C-12	12	150	16	279	240
	Ex301C-13	13	150	18	331	285
	Ex301C-14	14	150	18	362	311
	Ex301C-15	15	200	20	404	347
	Ex301C-16	16	200	20	449	386
	Ex301C-17	17	200	22	505	434
	Ex301C-18	18	200	22	550	473
	Ex301C-19	19	250	24	590	507
	Ex301C-20	20	250	24	715	614
	Ex301C-21	21	250	26	804	691
	Ex301C-22	22	250	26	975	838



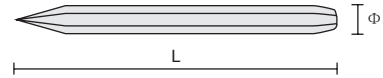
<b>Ex301P</b> Pin Punch	No.	S	L	Φ	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex301P-1.4	1.4	110	10	24	21
	Ex301P-1.8	1.8	110	10	44	38
	Ex301P-2.4	2.4	110	10	60	50
	Ex301P-2.8	2.8	110	10	73	63
	Ex301P-3	3	110	10	94	81
	Ex301P-4	4	120	10	125	107
	Ex301P-5	5	130	12	164	141
	Ex301P-6	6	140	12	218	187
	Ex301P-8	8	150	14	283	243



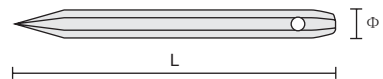
<b>Ex304</b> Flat Chisel	No.	A	L	H	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex304-150	22	150	12	334	287
	Ex304-200	22	200	12	383	360
	Ex304-250	24	250	12	629	540
	Ex304-400	27	400	13	1005	863



<b>Ex305</b> Cross Cutting Chisel	No.	L	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex305-150	150	213	183
	Ex305-200	200	294	253
	Ex305-300	300	733	630



<b>Ex309</b> Diamond Chisel	No.	L	Φ	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex309-200	200	10	473	407
	Ex309-250	250	11	543	466
	Ex309-300	300	12	1206	882
	Ex309-400	400	13	1231	1058



<b>Ex306</b> Bull Point	No.	L	Φ	Be $\Delta\ddagger\Delta$	Al $\Delta\ddagger\Delta$
	Ex306-200	200	10	256	220
	Ex306-250	250	12	430	370
	Ex306-300	300	14	563	484
	Ex306-400	400	16	839	721

Center Punch  
 Cylindrical Drift  
 Drift Pin, Straight Type  
 Pin Punch  
 Flat Chisel  
 Cross Cutting Chisel  
 Point Chisel - 6 Point  
 Bull Point





# The shape makes a difference

- ★ Cartlsoe Sockets are manufactured with a Round Corner.
- ★ Drop forged for high strength.
- ★ Designed according to DIN Standard.





**Ex1503B** ○

**Socket 1/2 "**

AVAILABLE WITH  
1/4" - 1/2" - 3/4" - 1" DRIVE  
AS WELL AS IMPACT

No.	Ømm	L	D1	D2	t	Be	Al
Ex1503B-7	7	38	12.5	23	18.5	75	64
Ex1503B-8	8	38	13	23	18.5	77	66
Ex1503B-9	9	38	14.3	23	18.5	79	68
Ex1503B-10	10	38	15.5	23	18.5	79	68
Ex1503B-11	11	38	16.7	23	18.5	79	68
Ex1503B-12	12	38	18	23	18.5	80	69
Ex1503B-13	13	38	19.2	23	18.5	76	66
Ex1503B-14	14	38	20.5	23	18.5	79	68
Ex1503B-15	15	38	21.7	23	18.5	84	72
Ex1503B-16	16	38	23	23	18.5	87	75
Ex1503B-17	17	38	25	25	18.5	102	88
Ex1503B-18	18	38	26	26	18.5	114	98
Ex1503B-19	19	38	27	27	18.5	111	95
Ex1503B-20	20	38	28.2	24	19.5	102	88
Ex1503B-21	21	38	29.2	24	19.5	114	98
Ex1503B-22	22	38	30.5	25	19.5	126	108
Ex1503B-23	23	38	25	32.2	19.5	132	113
Ex1503B-24	24	38	26	33	19.5	140	120
Ex1503B-26	26	38	28	35.7	19.5	163	140
Ex1503B-27	27	40	29	36.7	24	178	153
Ex1503B-28	28	40	30	38.2	24	210	180
Ex1503B-30	30	40	31	40.5	24	213	183
Ex1503B-32	32	40	32	43	24	234	200

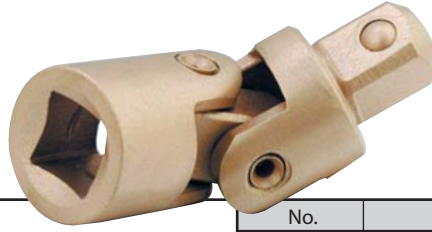
Socket 1/2"  
Converter



**Ex1509**  
**Converter**

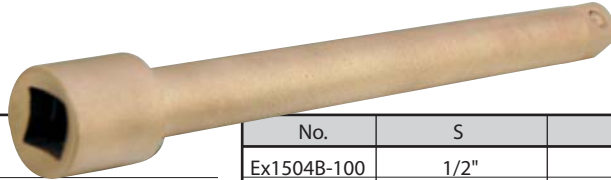
No.	S	Be	Al
Ex1509-1234	1/2"-3/4"	193	166
Ex1509-3412	3/4"-1/2"	193	166
Ex1509-341	3/4"-1"	298	256
Ex1509-134	1"-3/4"	298	256
Ex1509-1112	1"--1-1/2"	475	408
Ex1509-1121	1-1/2"--1"	475	408





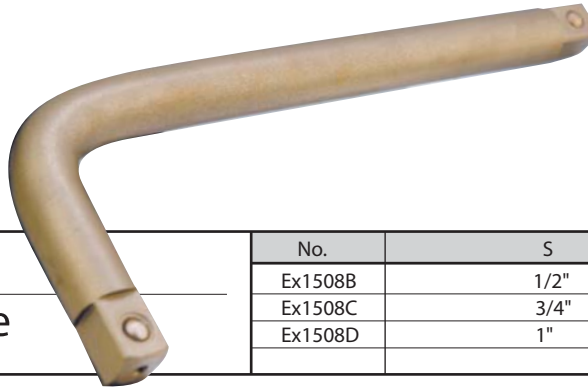
## Ex1507 Universal Joint

No.	S	Be $\frac{1}{8}$ "	Al $\frac{1}{8}$ "
Ex1507-12	1/2"	405	340
Ex1507-34	3/4"	605	520
Ex1507-1	1"	1377	1183



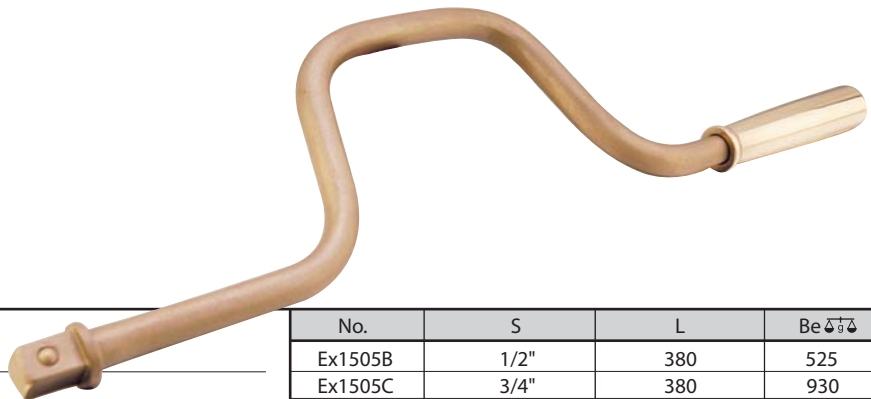
## Ex1504 Extension Bar

No.	S	L	Be $\frac{1}{8}$ "	Al $\frac{1}{8}$ "
Ex1504B-100	1/2"	100	201	173
Ex1504B-200	1/2"	200	420	362
Ex1504B-250	1/2"	250	570	489
Ex1504C-100	3/4"	100	217	186
Ex1504C-200	3/4"	200	403	346
Ex1504C-250	3/4"	250	563	484
Ex1504D-100	1"	100	437	375
Ex1504D-250	1"	250	871	748



## Ex1508 Offset Grip Handle

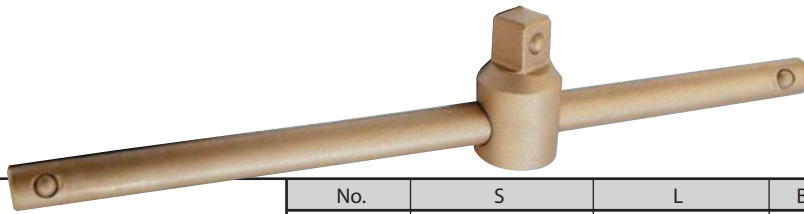
No.	S	Be $\frac{1}{8}$ "	Al $\frac{1}{8}$ "
Ex1508B	1/2"	419	360
Ex1508C	3/4"	938	806
Ex1508D	1"	1226	1054



## Ex1505 Speed Handle

No.	S	L	Be $\frac{1}{8}$ "	Al $\frac{1}{8}$ "
Ex1505B	1/2"	380	525	451
Ex1505C	3/4"	380	930	799
Ex1505D	1"	380	1132	973





**Ex1502**  
Sliding Tee

No.	S	L	Be $\Delta\ddot{\Delta}$	Al $\Delta\ddot{\Delta}$
Ex1502BS	1/2"	260	360	310
Ex1502B	1/2"	320	500	430
Ex1502CS	3/4"	260	920	790
Ex1506C	3/4"	450	1638	1407
Ex1506D	1"	300	2271	1951



**Ex1506**  
Hinged Handle

No.	S	L	Be $\Delta\ddot{\Delta}$	Al $\Delta\ddot{\Delta}$
Ex1506BS	1/2"	275	563	484
Ex1506B	1/2"	380	990	851
Ex1506C	3/4"	380	1197	1029
Ex1506D	1"	380	1522	1308



**Ex1501S**  
Ratchet Spanner

No.	S	L	Be $\Delta\ddot{\Delta}$	Al $\Delta\ddot{\Delta}$
Ex1501SB	1/2"	260	617	530
Ex1501SC	3/4"	390	1467	1260



**Ex1501**  
Ratchet Spanner

No.	S	L	Be $\Delta\ddot{\Delta}$	Al $\Delta\ddot{\Delta}$
Ex1501A	1/4"	150	332	285
Ex1501B	1/2"	260	427	367
Ex1501C	3/4"	390	667	573
Ex1501D	1"	510	1001	860

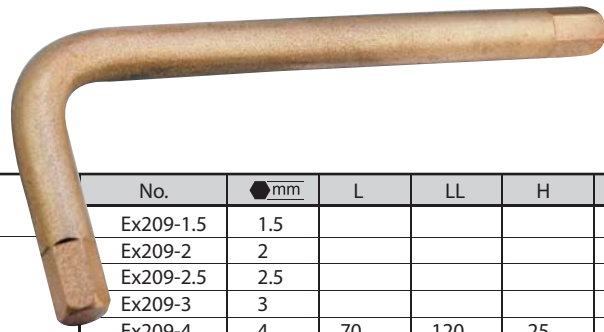
Universal Joint  
Extension Bar  
Offset Grip Handle  
Speed Handle  
Sliding Tee  
Hinged Handle  
Ratchet Spanner  
Ratchet Spanner





# Ergonomic Handles

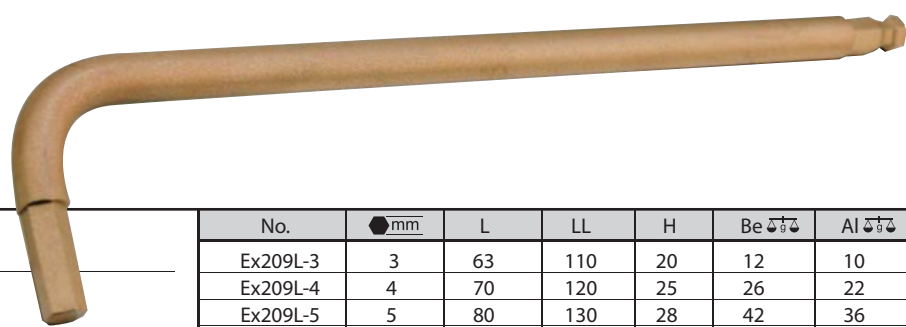
- ★ Ergonomic two-component handle on all Carlisoe Screwdrivers.
- ★ Maximum Handgrip prevents slipping.
- ★ Unique design for Safety Tools.



**Ex209 ●**  
Hexagonal Head Wrench

No.	mm	L	LL	H	Be	Al
Ex209-1.5	1.5					
Ex209-2	2					
Ex209-2.5	2.5					
Ex209-3	3					
Ex209-4	4	70	120	25	14	12
Ex209-5	5	80	130	28	20	18
Ex209-6	6	90	145	32	39	33
Ex209-7	7	95	155	34	47	41
Ex209-8	8	100	160	36	68	59
Ex209-9	9	106	175	38	84	72
Ex209-10	10	112	182	40	110	95
Ex209-11	11	118	188	42	148	127
Ex209-12	12	125	200	45	184	158
Ex209-14	14	140	230	56	289	248
Ex209-17	17	160	250	63	477	410
Ex209-19	19	180	280	70	654	562
Ex209-22	22	200	300	80	1092	938
Ex209-24	24	224	330	90	1354	1163
Ex209-27	27	250	350	100	1908	1639
Ex209-30	30	275	370	110	2479	2130
Ex209-32	32	315	390	125	3011	2587
Ex209-36	36	355	440	140	3689	3169

Hexagonal Head Wrench  
Long Arm Hex. Key, Ball End





**Ex209L ●**  
Long Arm Hex. Key,  
Ball End

No.	mm	L	LL	H	Be	Al
Ex209L-3	3	63	110	20	12	10
Ex209L-4	4	70	120	25	26	22
Ex209L-5	5	80	130	28	42	36
Ex209L-6	6	90	145	32	63	54
Ex209L-7	7	95	155	34	112	96
Ex209L-8	8	100	160	36	144	124
Ex209L-10	10	112	182	40	170	146
Ex209L-11	11	118	188	42	338	290



Hexagonal Head Wrench  
Long Arm Hex. Key, Ball End




Ex801 Flat Type Screwdriver	No.	A	 mm	Be 	
	Ex801-350	3		50	
Ex801-4100	4		100		
Ex801-4150	4		150		
Ex801-6100	6		100		
Ex801-8150	8		150		
Ex801-10200	10		200		
Ex801-10300	10		300		

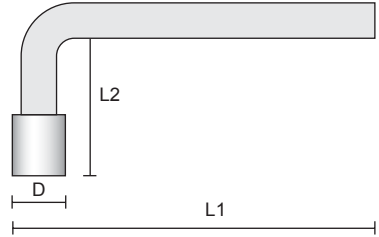


DIN 5262

Ex803 Cross Slot Screwdriver	No.	S	 mm	$\varnothing$ mm	Be 	
	Ex803-0	0		60	3	39
Ex803-1	1		80	5	48	
Ex803-2	2		100	6	58	
Ex803-3	3		150	8	141	
Ex803-4	4		200	10	194	

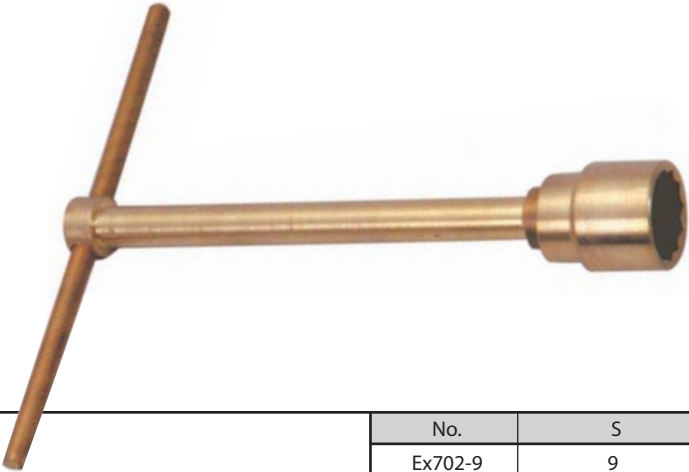


Ex802 Offset Screwdriver	No.	A		Be 	
	Ex802-4	4.0		12.5	1397



**Ex701**  
**Wrench - Socket "L"**

No.	S	L1	L2	D	Be $\frac{\Delta}{\Delta}$	Al $\frac{\Delta}{\Delta}$
Ex701-8	8	107	37	14	110	95
Ex701-9	9	107	37	16	126	108
Ex701-11	11	116	37	18	161	138
Ex701-14	14	116	37	22	180	155
Ex701-17	17	211	52	26	316	271
Ex701-19	19	211	52	28	336	289
Ex701-22	22	211	57	32	372	320
Ex701-24	24	240	57	35	421	362
Ex701-27	27	240	57	39	482	414

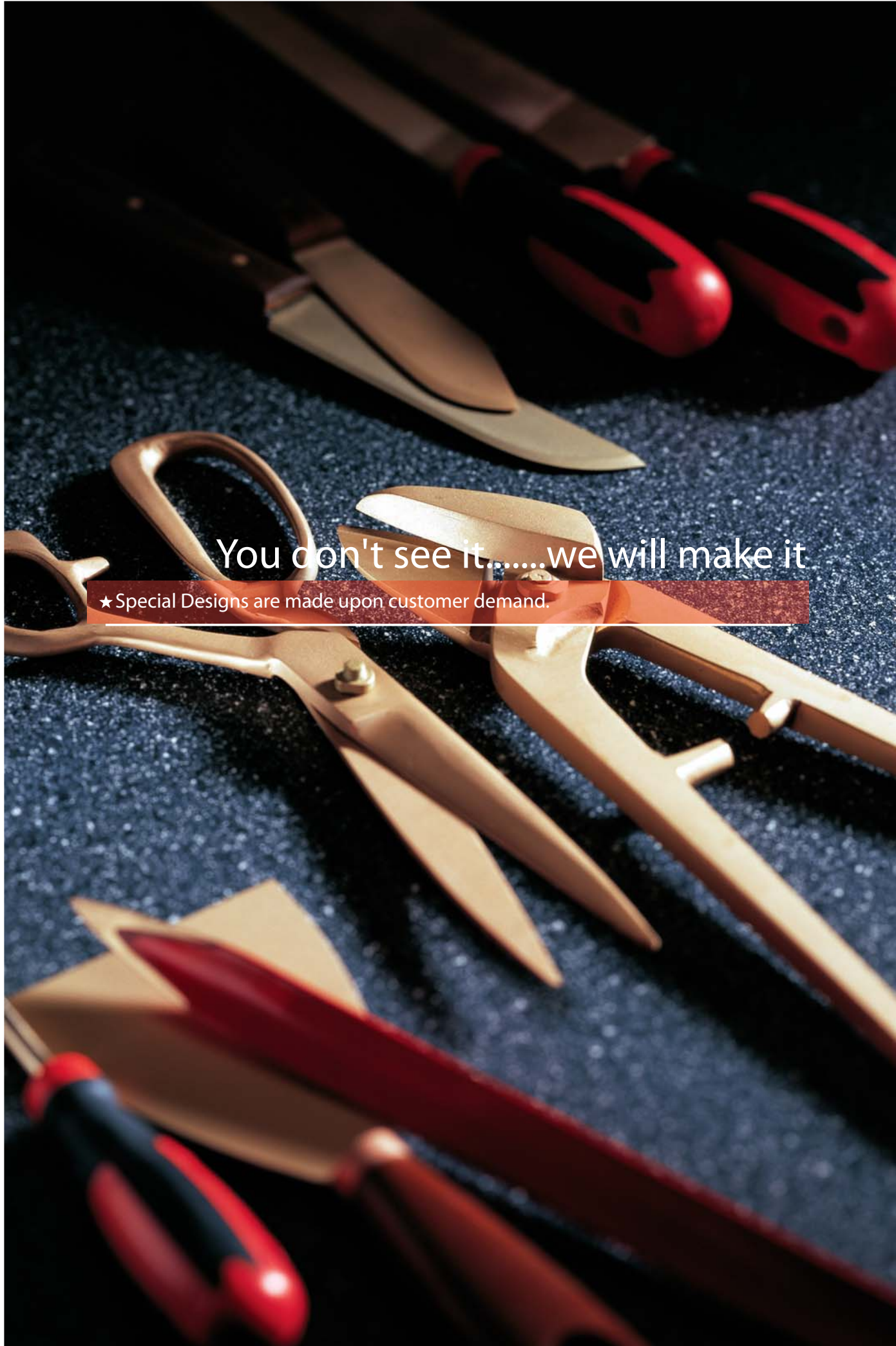


**Ex702**  
**Wrench - Socket "T"**

No.	S	L	Be $\frac{\Delta}{\Delta}$	Al $\frac{\Delta}{\Delta}$
Ex702-9	9	170	198	170
Ex702-11	11	170	360	310
Ex702-14	14	170	430	370
Ex702-17	17	230	483	415
Ex702-19	19	230	549	472
Ex702-22	22	260	587	505
Ex702-24	24	260	636	546
Ex702-27	27	260	718	617

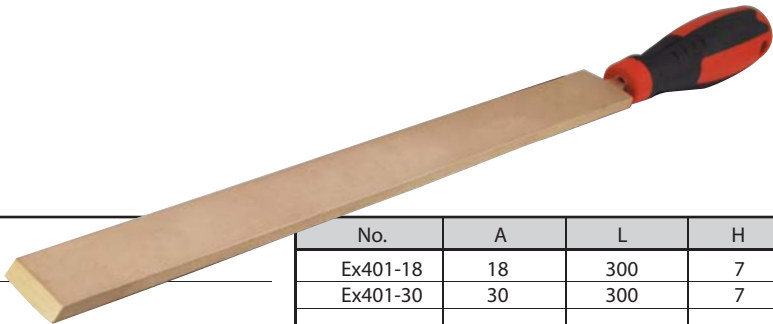
Flat Type Screwdriver  
Cross Slot Screwdriver  
Offset Screwdriver  
Wrench - Socket "L"  
Wrench - Socket "T"



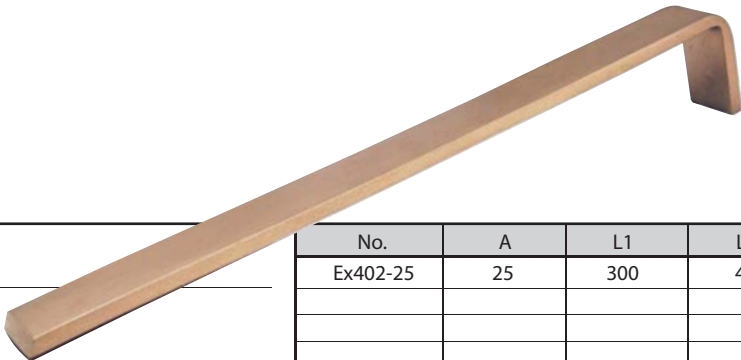


You don't see it.....we will make it

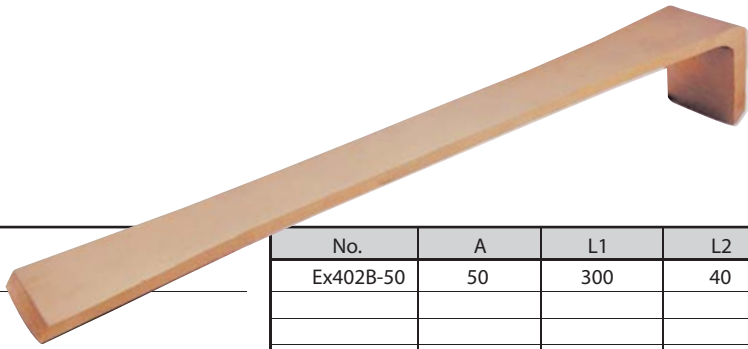
★ Special Designs are made upon customer demand.



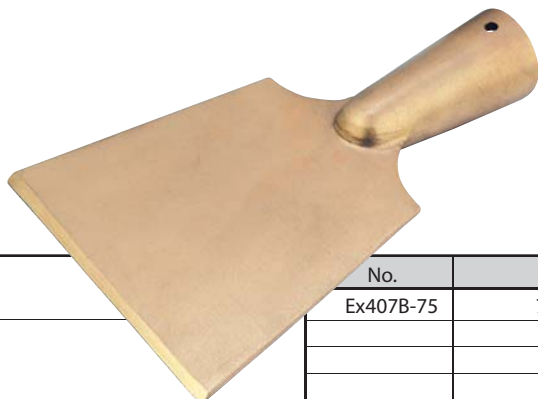
Ex401 Flat Scraper	No.	A	L	H	Be	Al
	Ex401-18	18	300	7	404	347
	Ex401-30	30	300	7	539	463



Ex402 Angle Scraper	No.	A	L1	L2	Be	Al
	Ex402-25	25	300	45	423	364

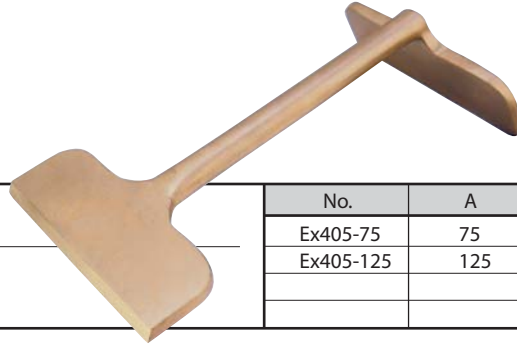


Ex402B Angle Scraper	No.	A	L1	L2	Be	Al
	Ex402B-50	50	300	40	554	476

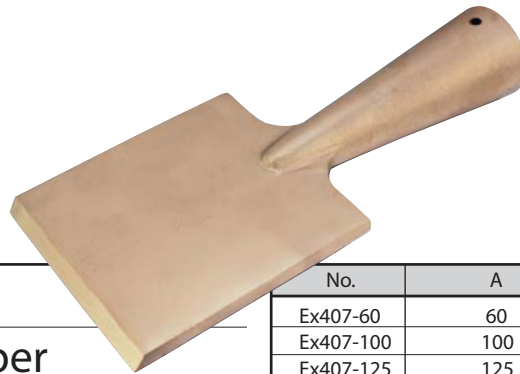


Ex407B Hoe Scraper	No.	A	L	Be	Al
	Ex407B-75	75	115	217	186

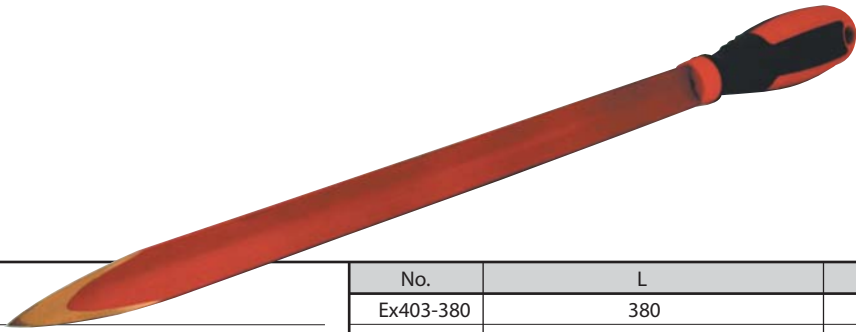
Flat Scraper  
 Angle Scraper  
 Angle Scraper  
 Hoe Scraper



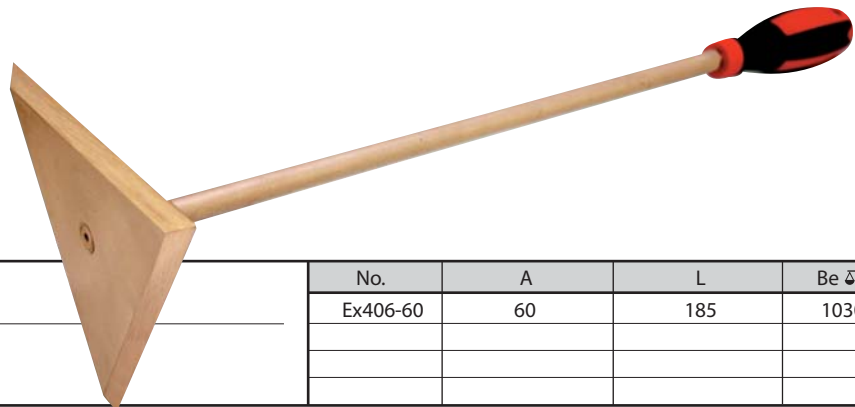
Ex405 Deck Scraper	No.	A	L	H	Be $\Delta\uparrow\Delta$	Al $\Delta\uparrow\Delta$
	Ex405-75	75	150	26	288	248
	Ex405-125	125	235	43	986	847



Ex407 Long Blade Scraper	No.	A	L	Be $\Delta\uparrow\Delta$	Al $\Delta\uparrow\Delta$
	Ex407-60	60	185	509	437
	Ex407-100	100	225	1126	967
	Ex407-125	125	225	2031	1745
	Ex407-150	150	180	2790	2397

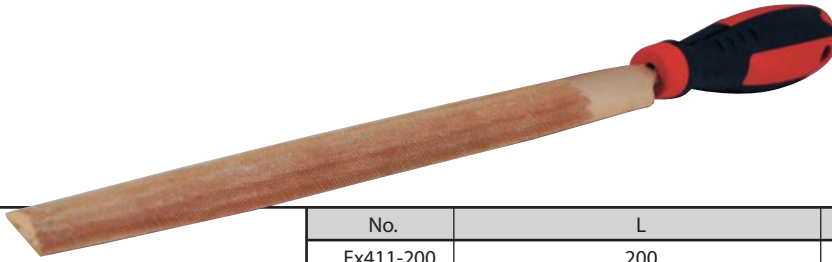


Ex403 Triangular Scraper	No.	L	Be $\Delta\uparrow\Delta$	Al $\Delta\uparrow\Delta$
	Ex403-380	380	307	264

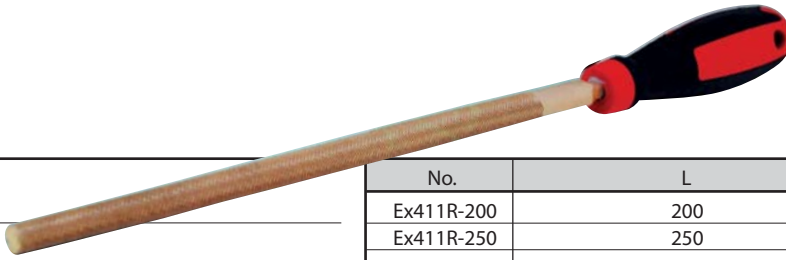


Ex406 Plate Scraper	No.	A	L	Be $\Delta\uparrow\Delta$	Al $\Delta\uparrow\Delta$
	Ex406-60	60	185	1030	885

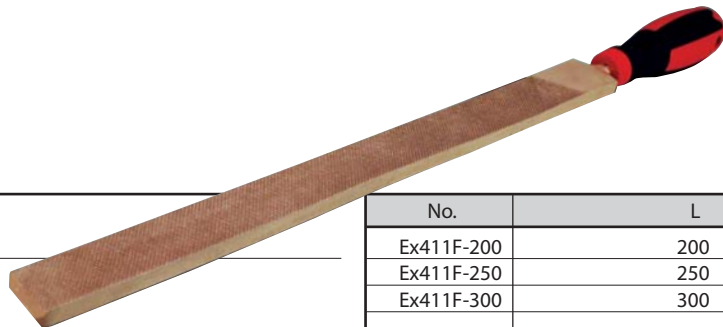




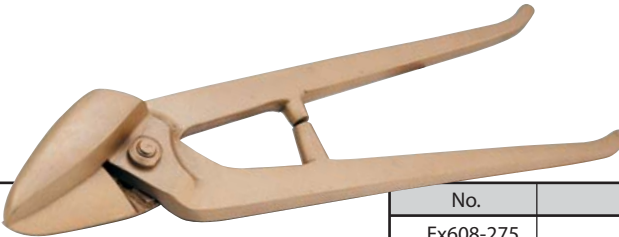
Ex411 Half Round File	No.	L	Be $\frac{\Delta}{\text{g}}\Delta$	Al $\frac{\Delta}{\text{g}}\Delta$
	Ex411-200	200	248	248



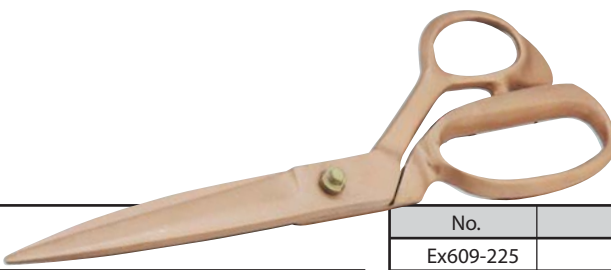
Ex411R Round File	No.	L	Be $\frac{\Delta}{\text{g}}\Delta$	Al $\frac{\Delta}{\text{g}}\Delta$
	Ex411R-200	200	333	286
	Ex411R-250	250	404	347



Ex411F Hand File	No.	L	Be $\frac{\Delta}{\text{g}}\Delta$	Al $\frac{\Delta}{\text{g}}\Delta$
	Ex411F-200	200	208	179
	Ex411F-250	250	510	439
	Ex411F-300	300	686	589



Ex608 Tinner's Snip Plate Shear	No.	L	Be $\frac{\Delta}{\text{g}}\Delta$	Al $\frac{\Delta}{\text{g}}\Delta$
	Ex608-275	275	534	458



Ex609 Scissors	No.	L	Be $\frac{\Delta}{\text{g}}\Delta$	Al $\frac{\Delta}{\text{g}}\Delta$
	Ex609-225	225	328	281

Deck Scraper  
Long Blade Scraper  
Triangular Scraper  
Plate Scraper  
Half Round File  
Round File  
Hand File  
Tinner's Snip Plate Shear  
Scissors





<b>Ex609S</b> <b>Scissors</b>	No.	L	Be $\frac{\Delta}{\nabla}$	Al $\frac{\Delta}{\nabla}$
	Ex609S-210	210	315	270



<b>Ex409</b> <b>Knife</b>	No.	L	L1	Be $\frac{\Delta}{\nabla}$	Al $\frac{\Delta}{\nabla}$
	Ex409-106	185	106	83	71



<b>Ex410</b> <b>Knife</b>	No.	L	L1	Be $\frac{\Delta}{\nabla}$	Al $\frac{\Delta}{\nabla}$
	Ex410-250	250	130	78	67

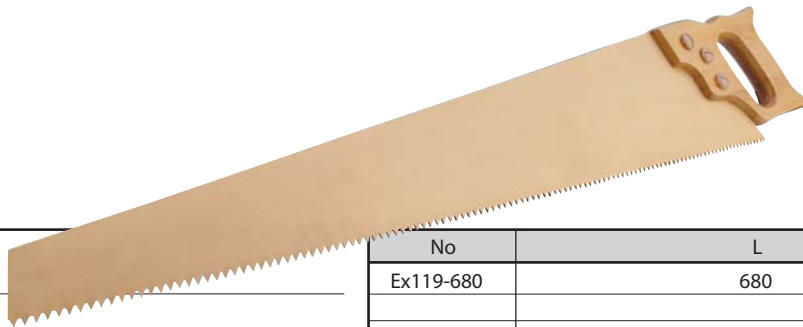


<b>Ex410S</b> <b>Knife</b>	No.	L	L1	Be $\frac{\Delta}{\nabla}$	Al $\frac{\Delta}{\nabla}$
	Ex410S-180	180	80	59	51



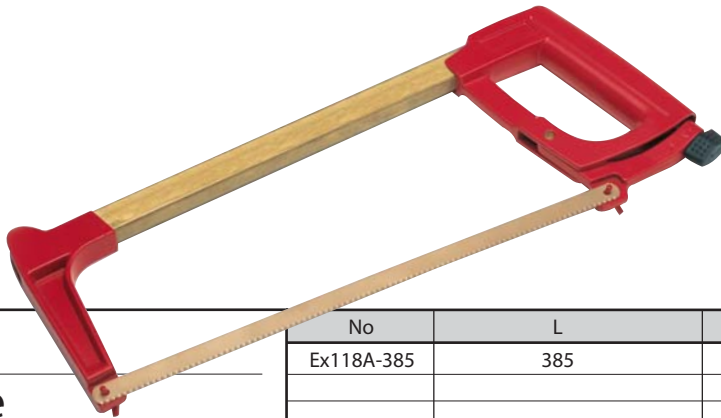
**Ex408**  
**Putty Knife**

No	L	B	Be $\Delta \nabla \Delta$	Al $\Delta \nabla \Delta$
Ex408-25	200	25	66	57
Ex408-50	200	50	85	74
Ex408-100	200	100	154	132



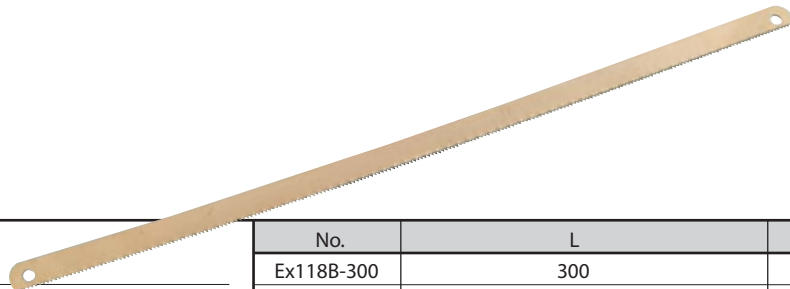
**Ex119**  
**Hand Saw**

No	L	Be $\Delta \nabla \Delta$
Ex119-680	680	539



**Ex118A**  
**Hack Saw Frame**

No	L	$\Delta \nabla \Delta$
Ex118A-385	385	543



**Ex118B**  
**Hack Saw Blade**

No.	L	Be $\Delta \nabla \Delta$	Al $\Delta \nabla \Delta$
Ex118B-300	300	26	22

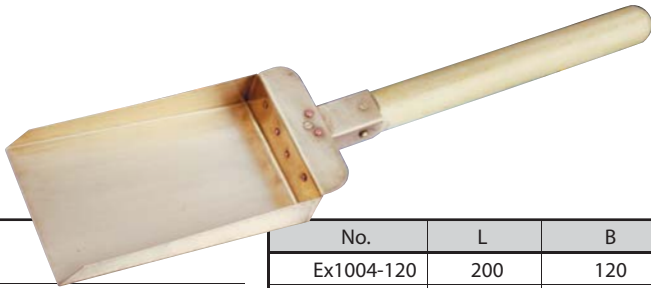
Scissors  
Knife  
Knife  
Knife  
Putty Knife  
Hand Saw  
Hack Saw Frame  
Hack Saw Blade





# Technology

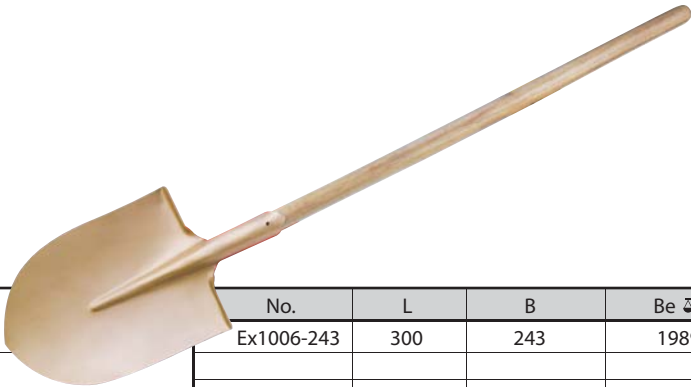
- ★ Sheet pressing for shovels.
- ★ Digging Tools Design according to international standard.



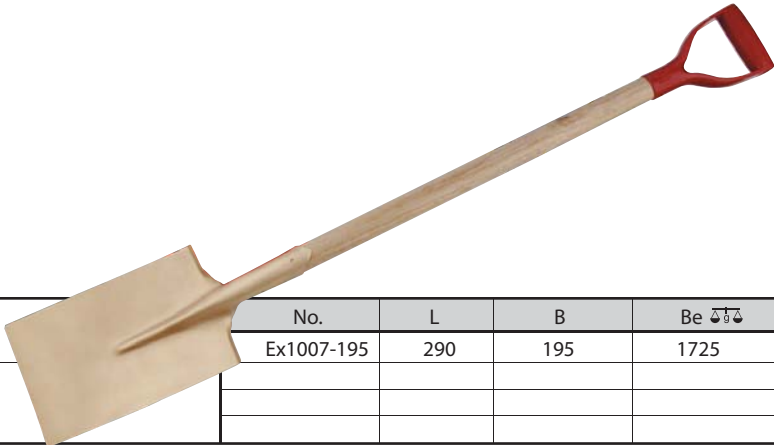
Ex1004 Scoop	No.	L	B	Be	Al
	Ex1004-120	200	120	876	746



Ex1005 Shovel	No.	L	B	Be	Al
	Ex1005-250	300	250	1405	1207



Ex1006 Shovel, Round Point	No.	L	B	Be	Al
	Ex1006-243	300	243	1989	1709



Ex1007 Edging Spade	No.	L	B	Be	Al
	Ex1007-195	290	195	1725	1482

Scoop  
 Shovel  
 Shovel, Round Point  
 Edging Spade



# Brushes

- ★ Made of beryllium copper wires or brass wires.
- ★ The products wear well.



Ex1001 Brush	No.	L	S	⚖️
	Ex1001-3	350	3	165
	Ex1001-4	350	4	217
	Ex1001-5	350	5	254



Ex1002 Brush	No.	L	⚖️
	Ex1002-180	180	327



Ex999 Wheel Brush	No.	Dia	⚖️
	Ex999-150	150	418



Ex1000 Cup Brush	No.	Dia	⚖️
	Ex1000-125	125	494

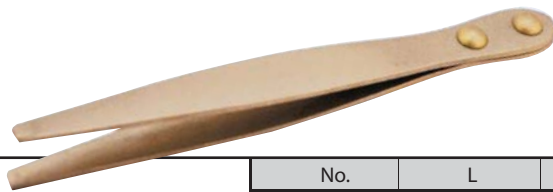
Brush  
Brush  
Wheel Brush  
Cup Brush



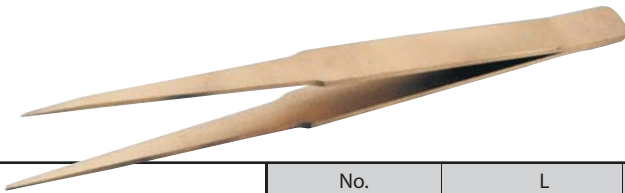
# Unique Range of Safety Tools

- ★ Safety Tools in Beryllium-Copper Alloy or Aluminium-Bronze Alloy.
- ★ Approved for use in Ex / ATEX zones.

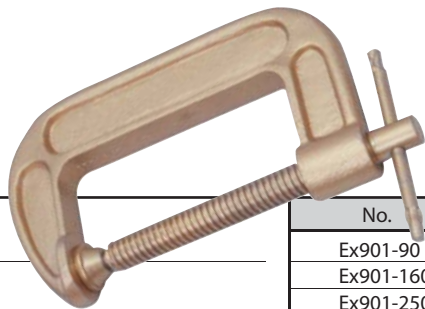




Ex610 Tweezers, Standard Type	No.	L	B	Be $\frac{1}{16}$ "	Al $\frac{1}{16}$ "
	Ex610-10	100	10	31	22
	Ex610-15	200	15	74	64



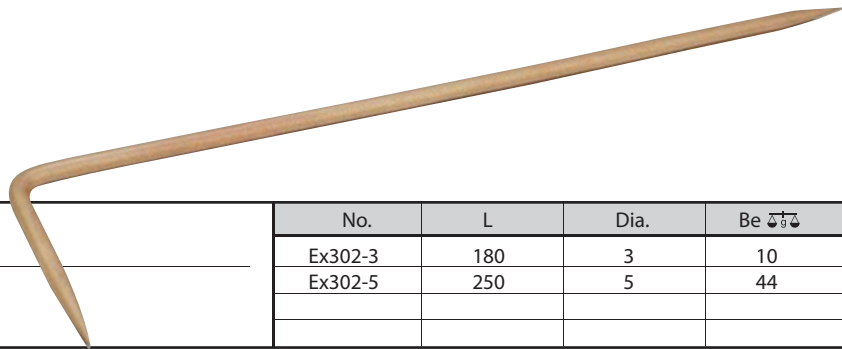
Ex610S Tweezers, Sharp Type	No.	L	Be $\frac{1}{16}$ "	Al $\frac{1}{16}$ "
	Ex610S-155	155	48	41



Ex901 "G" Clamp	No.	B	Be $\frac{1}{16}$ "	Al $\frac{1}{16}$ "
	Ex901-90	90	2552	2193
	Ex901-160	160	4032	3464
	Ex901-250	250	8623	7408

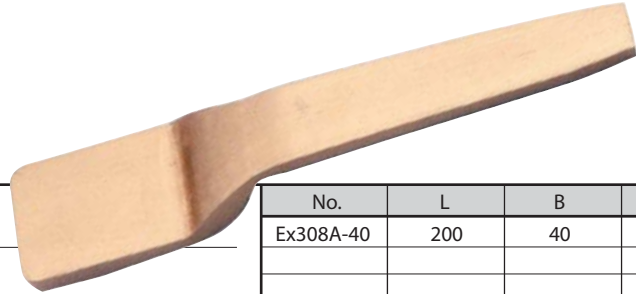


Ex211 Earthing Clamp	No.	B	Be $\frac{1}{16}$ "	Al $\frac{1}{16}$ "
	Ex211-160	160	3249	2791

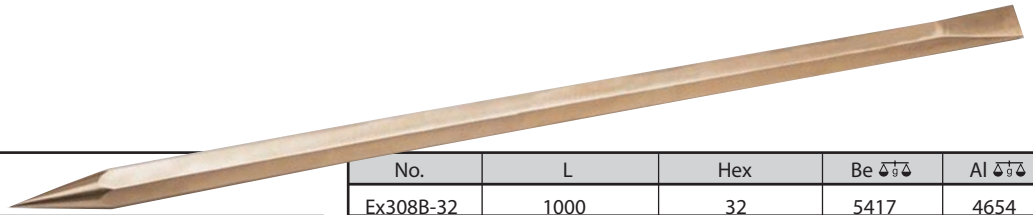


Ex302 Marking Tool	No.	L	Dia.	Be $\frac{1}{16}$ "	Al $\frac{1}{16}$ "
	Ex302-3	180	3	10	8.6
	Ex302-5	250	5	44	38

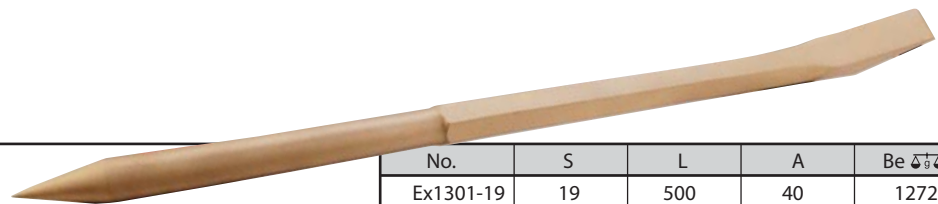
Tweezers, Standard Type  
 Tweezers, Sharp Type  
 "G" Clamp  
 Earthing Clamp  
 Marking Tool



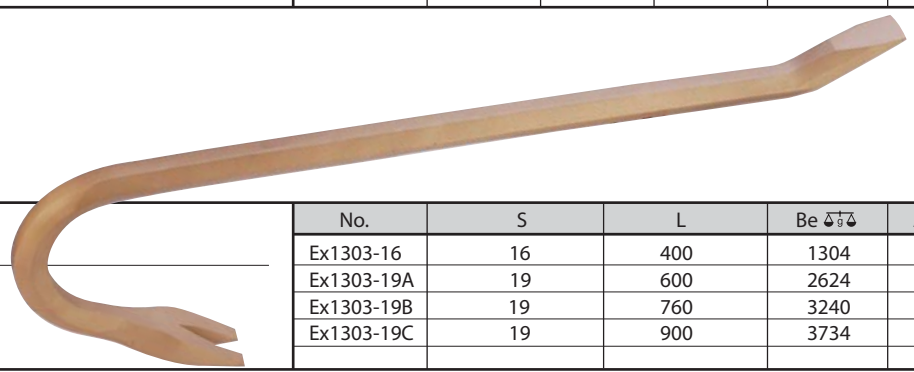
Ex308A Caulking Tool	No.	L	B	H	Be $\delta\delta\delta$	Al $\delta\delta\delta$
	Ex308A-40	200	40	9.6	558	480



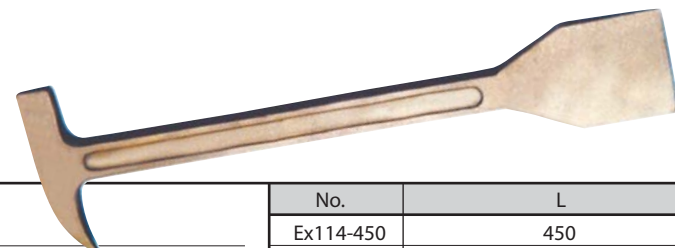
Ex308B Caulking Tool	No.	L	Hex	Be $\delta\delta\delta$	Al $\delta\delta\delta$
	Ex308B-32	1000	32	5417	4654
	Ex308B-36A	1200	36	10359	8900
	Ex308B-36B	1500	36	1471	1264
	Ex308B-50A	1000	50	1954	1679
	Ex308B-50B	1200	50	2413	2073



Ex1301 Crowbar	No.	S	L	A	Be $\delta\delta\delta$	Al $\delta\delta\delta$
	Ex1301-19	19	500	40	1272	1093
	Ex1301-23	23	800	45	2748	2129
	Ex1301-28	28	1000	50	3464	2976



Ex1303 Wrecking Bar	No.	S	L	Be $\delta\delta\delta$	Al $\delta\delta\delta$
	Ex1303-16	16	400	1304	1120
	Ex1303-19A	19	600	2624	2254
	Ex1303-19B	19	760	3240	2781
	Ex1303-19C	19	900	3734	3208

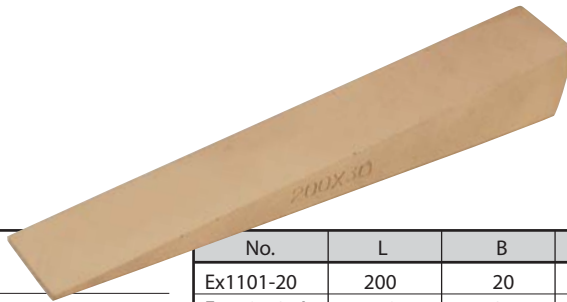


Ex114 Scraper, Pick and Scalars	No.	L	Be $\delta\delta\delta$	Al $\delta\delta\delta$
	Ex114-450	450	1392	1196



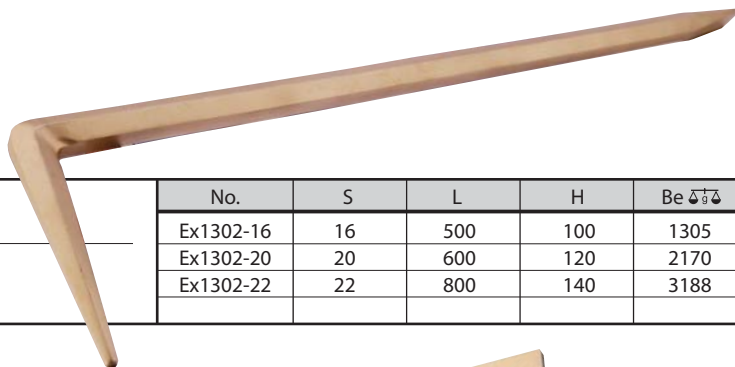
**Ex113**  
Carbide Drum Opener

No.	L	Be $\Delta\Delta\Delta$	Al $\Delta\Delta\Delta$
Ex113-310	310	871	748



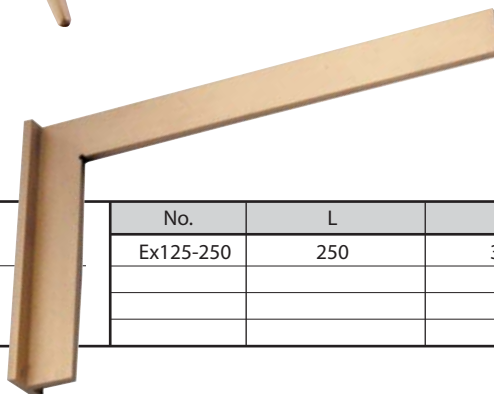
**Ex1101**  
Wedge

No.	L	B	H	Be $\Delta\Delta\Delta$	Al $\Delta\Delta\Delta$
Ex1101-20	200	20	30	529	455
Ex1101-25A	150	25	8	104	89
Ex1101-25B	150	25	13	189	162
Ex1101-30	200	30	30	788	677
Ex1101-32	180	32	13	312	268
Ex1101-40A	150	40	8	203	175
Ex1101-40B	200	40	40	1388	1192
Ex1101-40C	230	40	20	855	735
Ex1101-40D	250	40	30	1336	1148
Ex1101-50A	100	50	10	236	203
Ex1101-50B	135	50	18	549	472
Ex1101-50C	150	50	13	445	382
Ex1101-50D	180	50	19	745	640
Ex1101-50E	200	50	12	553	475
Ex1101-50F	300	50	40	2441	2100



**Ex1302**  
Angle Tracing Point

No.	S	L	H	Be $\Delta\Delta\Delta$	Al $\Delta\Delta\Delta$
Ex1302-16	16	500	100	1305	1121
Ex1302-20	20	600	120	2170	1864
Ex1302-22	22	800	140	3188	2739

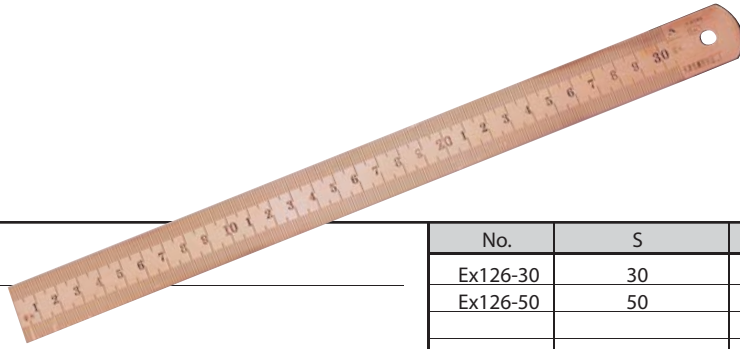


**Ex125**  
Tri Square

No.	L	H	Be $\Delta\Delta\Delta$	Al $\Delta\Delta\Delta$
Ex125-250	250	300	1265	1087

Caulking Tool  
 Caulking Tool  
 Crowbar  
 Wrecking Bar  
 Scraper, Pick and Scales  
 Carbide Drum Opener  
 Wedge  
 Angle Tracing Point  
 Tri Square

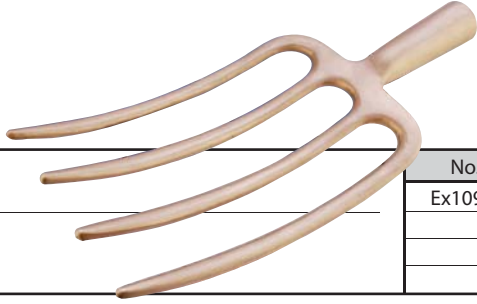




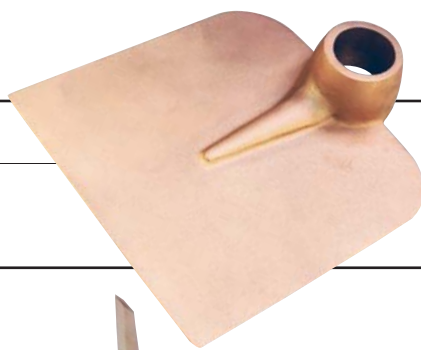
Ex126 Ruler	No.	S	L	Be $\frac{1}{2}$ 1 2	Al $\frac{1}{2}$ 1 2
	Ex126-30	30	335	69	59
	Ex126-50	50	545	109	94



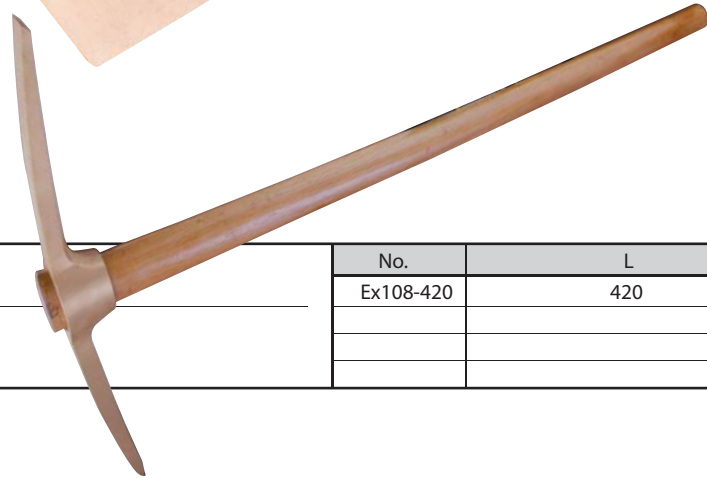
Ex116 Rake	No.	B	Be $\frac{1}{2}$ 1 2	Al $\frac{1}{2}$ 1 2
	Ex116-300	300	542	466



Ex109 Fork	No.	B	Be $\frac{1}{2}$ 1 2	Al $\frac{1}{2}$ 1 2
	Ex109-280	280	1845	1585



Ex115 Hoe	No.	B	Be $\frac{1}{2}$ 1 2	Al $\frac{1}{2}$ 1 2
	Ex115-200	200	1802	1548

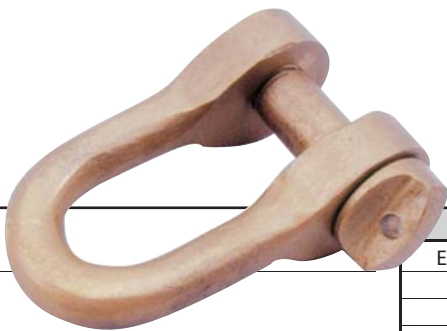


Ex108 Pick	No.	L	Be $\frac{1}{2}$ 1 2	Al $\frac{1}{2}$ 1 2
	Ex108-420	420	1368	1175



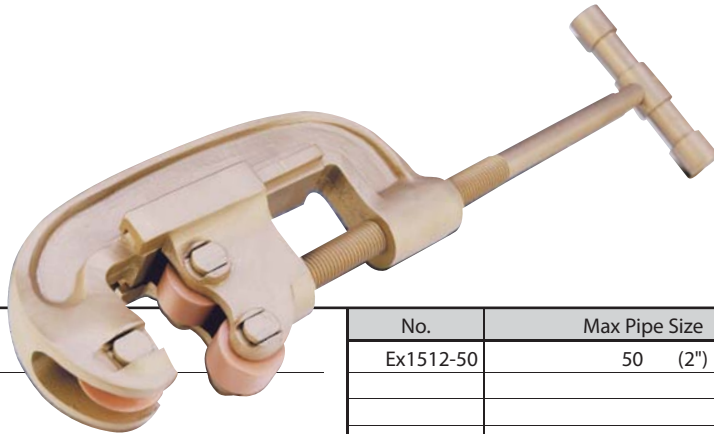
**Ex117**  
Bucket Alu

No.	Dia	L	Be $\frac{kg}{cm^2}$	Al $\frac{kg}{cm^2}$
Ex117-250	250	12L	655	563.5



**Ex900**  
Shackle

No.	L	B	Be $\frac{kg}{cm^2}$	Al $\frac{kg}{cm^2}$
Ex900-20	72	20	720	674



**Ex1512**  
Pipe Cutter

No.	Max Pipe Size	Be $\frac{kg}{cm^2}$	Al $\frac{kg}{cm^2}$
Ex1512-50	50 (2")	2360	2647



**Ex903**  
Chain Hoist

No.	Cap. Ton	Be $\frac{kg}{cm^2}$	Al $\frac{kg}{cm^2}$
Ex903-0.5	0.5	15830	13600
Ex903-1	1.0	19555	16800
Ex903-2	2.0	22698	19500
Ex903-3	3.0	25026	21500

Ruler  
Rake  
Fork  
Hoe  
Pick  
Bucket  
Shackle  
Pipe Cutter  
Chain Hoist





Socket Set

# Carltsø Safety Tool Kit



## **Ex1500 Box for set of sockets**

The box contain as standard:

- 21 Sockets No. Ex1503B - 1/2" inch. Drive
- 1 Wrench Ratchet No. Ex1501BS - 1/2" Drive
- 1 Bar Sliding T No. Ex1502B - 1/2" Drive
- 1 Bar Extension No. Ex1504B-100 - 1/2" Drive
- 1 Bar Extension No. Ex1504B-200 - 1/2" Drive
- 1 Handle Hinged No. Ex1506B - 1/2" Drive
- 1 Universal Joint No. Ex1507B - 1/2" Drive

## **May be modified according to your demand**

Weight empty Box: 1.800 Kg.

Weight full Box: 6.300 Kg.

## **Ex2000 Tool Kit, Wooden Box**

The box contain as standard:

- 1. pcs Ex101-0500
- 1. pcs Ex104-2500
- 2. pcs Ex106-0400
- 1 pcs Ex207-50
- 1. pcs Ex301-1016145
- 1. pcs Ex304-200
- 2. pcs Ex402B-50
- 1. pcs Ex403-300
- 2. pcs Ex404-75
- 1. pcs Ex501-250
- 1. pcs Ex501-375
- 1. pcs Ex502-300
- 1. pcs Ex604-250
- 1. pcs Ex801-8150
- 1. pcs Ex801-10200
- 2. pcs Ex1001-3
- 2. pcs Ex1004-200
- 1. pcs Ex1301-500

## **May be modified according to your demand**

Weight empty Box: 12.100 Kg.

Weight full Box: 26.800 Kg.

## **Ex3000 Tool Kit, Wooden Box**

The box contain as standard:

- 1. pcs Ex101-0500
- 1. pcs Ex104-2500
- 1. pcs Ex1041-1000
- 1 pcs Ex202-1922
- 1. pcs Ex202-2732
- 1. pcs Ex202-3641
- 1. pcs Ex203-2227
- 1. pcs Ex203-3236
- 1. pcs Ex203-4146
- 1. pcs Ex205-27
- 1. pcs Ex205-32
- 1. pcs Ex205-36
- 1. pcs Ex205-41
- 1. pcs Ex205-46
- 1. pcs Ex205-50
- 1. pcs Ex205-55
- 1. pcs Ex304-200
- 1. pcs Ex305-200
- 2. pcs Ex402-25
- 1. pcs Ex403-300
- 1. pcs Ex501-200
- 1. pcs Ex501-250
- 1. pcs Ex502-250
- 1. pcs Ex502-350
- 1. pcs Ex602-200
- 1. pcs Ex801-8150
- 1. pcs Ex801-10200
- 1. pcs Ex1002-5
- 1. pcs Ex1004-200
- 1. pcs Ex1301-500

## **May be modified according to your demand**

Weight empty Box: 12.100 Kg.

Weight full Box: 33.400 Kg.

## **Ex4000 Tool Kit, Wooden Box**

The box contain as standard:

- 2. pcs Ex106-0200
- 2. pcs Ex106-0400
- 2. pcs Ex106-0600
- 1. pcs Ex401-30
- 6. pcs Ex402-25
- 1. pcs Ex403-300
- 3. pcs Ex404-75
- 3. pcs Ex404-125
- 3. pcs Ex1001-3
- 1. pcs Ex1004-200

## **May be modified according to your demand**

Weight empty Box: 12.100 Kg.

Weight full Box: 20.400 Kg.



*If you just had the right tools.....*

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Postal Code: DK-4684 Holmegaard

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FAX: +45 55702600

E-MAIL: [info@carltsøe.com](mailto:info@carltsøe.com)

WEBSITE: [www.carltsøe.com](http://www.carltsøe.com)