



COPPER TITANIUM ALLOY



COPPER TITANIUM NON-SPARKING NON-MAGNETIC HAND TOOLS

Version 1.01





COPPER TITANIUM ALLOY

JUST THE RIGHT TOOLS FOR YOU!

Wherever there is a RISK of explosion or fire due to presence of FLAMMABLE MATERIALS, it is MANDATORY to use NON-SPARKING TOOLS.





COPPER-TITANIUM NON SPARKING HAND TOOLS

are 100% BERYLLIUM FREE
and are safe to handle.



COPPER TITANIUM

NON-SPARKING, NON-MAGNETIC HAND TOOLS



TECHNOLOGY

Copper Titanium alloy technology is developed and patented by DRDO (Defence Research & Development Organization), Ministry of Defence, Govt. of India.

Copper Titanium Non Sparking hand tools have been tested and certified as per IS 4595 - 1969 (2006) standards.



CARING FOR YOUR TOOLS

It is very important to remember that even the highest quality non-sparking alloys used cannot achieve the very high levels of hardness and tensile strength that conventional steel alloys can achieve. Extra care should always be taken to avoid over-stressing and overheating the tools being used. Failure to observe this will result in extra wear and damage which could lead to the premature and unexpected breakage, which could result in operator injury.



NOTE

Copper Titanium Tools should not be used in acetylene environments. Copper Titanium Hand Tools have high copper content (>65%) which when comes in direct contact with acetylene, can possibly lead to formation of explosive acetylides, especially in the presence of moisture.

These tools are not classified as anti-static because they do conduct electricity.

The use of Non-Sparking Tools must not be the only preventive measure in areas which the items are designed for. Other items, clothes or present material must also be adequate for non-sparking purposes.



USE & WARRANTY

Copper Titanium Non-sparking hand tools will be replaced under warranty against any manufacturing defect only. Normal wear and tear during use, improper use and unsafe practices are not covered under warranty.

COPPER TITANIUM

QT[®] Non Sparking Safety Tools are tools made from **an innovative copper alloys** and are recommended for use where hazardous, flammable or combustible vapors, liquids, dusts or residues are present.

Non-sparking tools **provide protection** against **fires and explosions in environments where there is a concern about sparks igniting flammable solvents, vapors, liquids, dusts or residues.**



COPPER TITANIUM ALLOY

PAHWA METALTECH

Pahwa MetalTech Pvt. Ltd. was incorporated in 2014 by experienced techno-managerial entrepreneurs with over 40 years of experience in engineering with a vision to become a leader in manufacturing high strength copper alloys.

Pahwa MetalTech has obtained a licence from DRDO (Defence Research & Development Organization) of a patented technology to manufacture High Strength Copper Titanium Alloys.

It has setup its manufacturing facility in Chakan Industrial Area, Pune, India.



Non-Sparking

Copper Titanium Non-Sparking Hand Tools are tested and certified for Non-Sparking Characteristics as per IS:4595-1969 (2006) Standards.



Beryllium Free

Copper Titanium tools are made from high quality Copper & Titanium and is 100% free from Beryllium. Beryllium causes a disease known as Chronic Beryllium Diseases (CBD), which primarily affects the lungs and skin and can be fatal in several cases.



High Hardness

Copper Titanium Non-Sparking Tools have manufactured have hardness ranging from 260 to 320 BHN.



Good Strength

Copper Titanium tools have good strength and durability of tools. Other softer materials like Aluminium Bronze used to make non-sparking tools break quickly and can cause an injury to operator or damage the equipment even under normal use. All Copper Titanium tools are torque tested.



Non Magnetic

Copper Titanium tools are completely non-magnetic. It is a required when working in environments with magnets, electrical components, high energy applications.



Environmentally Friendly

Beryllium is one of the most dangerous and toxic metal being disposed in the environment in form of e-Waste. Disposal of used Copper Beryllium tools is hazardous to the environment. Copper Titanium being 100% free from Beryllium pose non-such environmental risks.



COPPER-TIT

CATEGORY	CODE	PAGE
■ Double Open Ended Spanner	DS	01
■ Double Ended Ring Spanner	RS	02
■ Combination Spanner	CS	03
■ Slogging Open Ended Spanner	SO	04
■ Slogging Ring Spanner	SR	05
■ Allen Key	AK	06
■ Adjustable Wrench	AW	07
■ Pipe Wrench	PW	07
■ Hammers	HM	08
■ Sockets	SC	09
■ Reversible Ratchet / Offset Handle	RH	16
■ Driver Extension / Speed Handle	RH	16
■ Adaptor	AD	17
■ Sliding T Handles / T Wrenches	TR	17
■ Screw Drivers	SD	18
■ Pliers	PL	19
■ Punches	PU	20
■ Chisels	CH	21
■ Files	FL	24
■ Scrappers	SX	24





COPPER ANIUM NON-SPARKING, NON-MAGNETIC HAND TOOLS

CATEGORY	CODE	PAGE
■ Bung Wrench/Wrecking Bar	BW	25
■ Crate/Drum Opener	BW	26
■ HackSaw Blade/Frame	HX	27
■ Cutters	CU	27
■ Wedges	WD	27
■ Knives	PK	28
■ Hook Spanner	HS	28
■ Valve Handle	VH	29
■ Marking Tool	MT	29
■ Gear Puller	GP	29
■ Crow Foot	CF	29
■ Special Digging Parts	MT	30
■ Excavating Parts	EX	30
■ Brushes	BR	31
■ Drills	DR	31



APPLICATIONS OF NON-SPARKING TOOLS

- Ammunition, Missile & Explosives factories
- Automotive Paint Shops (Spray Booths)
- Chemical Manufacturing
- Fertilizer Plants
- Flammable Materials Manufacturing, Handling and Warehousing
- Gas Plants
- Ink Industries
- Coal and mineral mining
- Liquefied Petroleum Gases (LPG) production and filling stations
- Nuclear Plants
- Oil & Natural Gas Drilling, Refining & Handling.
- Offshore and Onshore oil drilling rigs and platforms
- Paint, Lacquer & Varnish Products
- Petrochemicals
- Petroleum Refining
- Pharmaceutical Industry
- Pipeline Construction & Maintenance
- Plastic Manufacturing
- Desalination Plants
- Aircraft Maintenance & Overhaul
- Radar Transmission Centers
- Hospitals & Clinics Magnetic Resonance Imaging (MRI- Maintenance on or near)



DOUBLE OPEN ENDED SPANNER (MM) ➤



Part Number	S mm	L mm
DS - 0607	06 x 07	95
DS - 0809	08 x 09	105
DS - 1011	10 x 11	120
DS - 1213	12 x 13	140
DS - 1415	14 x 15	144
DS - 1617	16 x 17	160
DS - 1819	18 x 19	175
DS - 2022	20 x 22	196
DS - 2123	21 x 23	217
DS - 2426	24 x 26	246
DS - 2427	24 x 27	245
DS - 2528	25 x 28	245
DS - 3032	30 x 32	260
DS - 3236	32 x 36	322
DS - 3436	34 x 36	346
DS - 3641	36 x 41	375
DS - 4146	41 x 46	420
DS - 4650	46 x 50	490
DS - 5055	50 x 55	480

DOUBLE OPEN ENDED SPANNER (BS SIZES) ➤



Part Number	S in	L mm
DS - 8004	1/2BS X 5/8BS	249
DS - 8008	3/4BS x 5/8BS	276
DS - 8012	3/4BS x 7/8BS	300
DS - 8016	7/8BS x 1BS	330

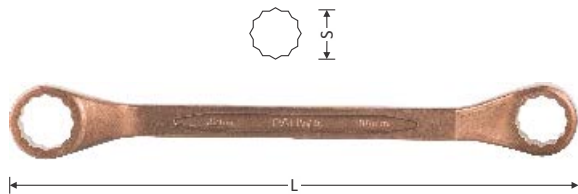
DOUBLE OPEN ENDED SPANNER (IN) ➤



Part Number	S in	L mm
DS - 9004	1/4 x 5/16	94
DS - 9008	5/16 x 3/8	105
DS - 9012	3/8 x 7/16	119
DS - 9016	7/16 x 1/2	139
DS - 9020	1/2 x 9/16	144
DS - 9024	5/8 x 11/16	160
DS - 9028	11/16 x 3/4	175
DS - 9032	13/16 x 7/8	193
DS - 9036	13/16 x 15/16	215
DS - 9040	15/16 x 1	243
DS - 9044	15/16 x 1-1/16	243
DS - 9048	1 x 1-1/8	243
DS - 9052	1-3/16 x 1-1/4	256
DS - 9056	1-1/4 x 1-7/16	310
DS - 9064	1-7/16 x 1-5/8	360
DS - 9068	1-5/8 x 1-13/16	410
DS - 9072	1-13/16 x 2	470
DS - 9076	2-1/16 x 2-1/4	470

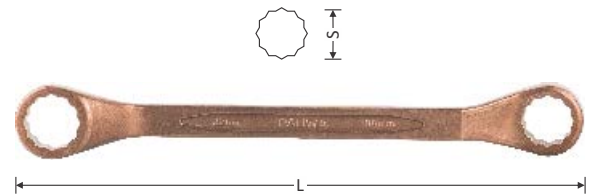


DOUBLE ENDED RING SPANNER (MM) ➤



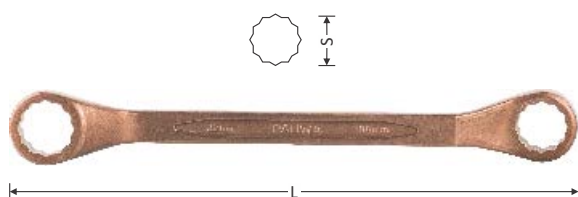
Part Number	S mm	L mm
RS-0607	06X07	200
RS-0809	08X09	200
RS-1011	10X11	210
RS-1213	12X13	230
RS-1415	14X15	240
RS-1617	16X17	268
RS-1819	18X19	280
RS-2022	20X22	310
RS-2123	21X23	325
RS-2426	24X26	340
RS-2427	24X27	340
RS-2528	25X28	350
RS-3032	30X32	365
RS-3236	32X36	392
RS-3436	34X36	420
RS-3641	36X41	440
RS-4146	41X46	490
RS-4650	46X50	516
RS-5055	50X55	515

DOUBLE ENDED RING SPANNER (IN) ➤



Part Number	S in	L mm
RS - 9004	1/4 x 5/16	185
RS - 9008	5/16 x 3/8	200
RS - 9012	3/8 x 7/16	210
RS - 9016	7/16 x 1/2	230
RS - 9020	1/2 x 9/16	235
RS - 9024	5/8 x 11/16	260
RS - 9028	11/16 x 3/4	280
RS - 9032	13/16 x 7/8	310
RS - 9036	13/16 x 15/16	320
RS - 9040	Q15/16 x 1	340
RS - 9044	15/16 x 1-1/16	340
RS - 9048	1 x 1-1/8	355
RS - 9052	1-3/16 x 1-1/4	370
RS - 9056	1-1/4 x 1-7/16	400
RS - 9064	1-7/16 x 1-5/8	450
RS - 9068	1-5/8 x 1-13/16	490
RS - 9072	1-13/16 x 2	520
RS - 9076	2-1/16 x 2-1/4	520

DOUBLE OPEN RING SPANNER (BS SIZES) ➤



Part Number	S in	L mm
DS-8004	1/2BSX5/8BS	362
DS-8008	3/4BSX5/8BS	400
DS-8012	3/4BSX7/8BS	400
DS-8016	7/8BSX1BS	430

THE ORIGINAL
MANUFACTURER OF
NON-SPARKING
NON-MAGNETIC
HAND TOOLS.

NON-MAGNETIC HAND TOOLS

COMBINATION SPANNER (MM) ➤



Part Number	S mm	L mm
CS-1006	6	74
CS-1007	7	84
CS-1008	8	89
CS-1009	9	99
CS-1010	10	111
CS-1011	11	119
CS-1012	12	126
CS-1013	13	134
CS-1014	14	146
CS-1015	15	150
CS-1016	16	160
CS-1017	17	166
CS-1018	18	180
CS-1019	19	190
CS-1020	20	190
CS-1021	21	215
CS-1022	22	230
CS-1023	23	230
CS-1024	24	251
CS-1025	25	251
CS-1026	26	252
CS-1027	27	278
CS-1028	28	278
CS-1029	29	300
CS-1030	30	304
CS-1031	31	315
CS-1032	32	320
CS-1034	34	330
CS-1035	35	345
CS-1036	36	345
CS-1038	38	385
CS-1041	41	385
CS-1046	46	425
CS-1050	50	455
CS-1055	55	455
CS-1060	60	480
CS-1065	65	480
CS-1070	70	500

COMBINATION SPANNER (IN) ➤



Part Number	S in	L mm
CS-2004	1/4"	74
CS-2008	5/16"	84
CS-2012	3/8"	99
CS-2016	7/16"	119
CS-2020	1/2"	134
CS-2024	9/16"	146
CS-2028	19/32"	150
CS-2032	5/8"	160
CS-2036	11/16"	180
CS-2040	3/4"	190
CS-2044	13/16"	215
CS-2048	7/8"	230
CS-2052	15/16"	251
CS-2056	1"	251
CS-2060	1-1/16"	278
CS-2064	1-1/8"	278
CS-2068	1-3/16"	304
CS-2072	1-1/4"	320
CS-2076	1-5/16"	330
CS-2080	1-3/8"	345



SLOGGING OPEN END SPANNER (MM) ➤

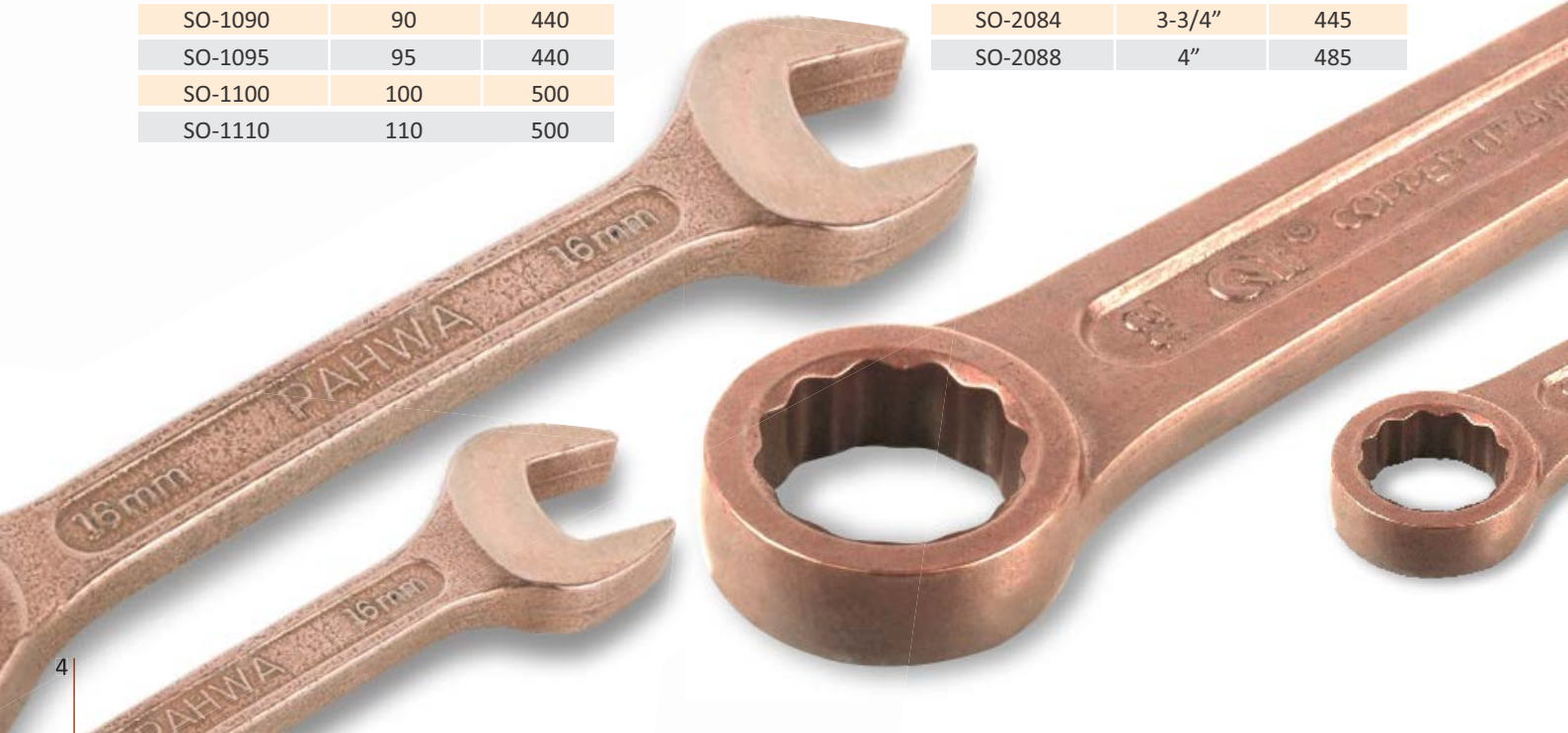


Part Number	S mm	L mm
SO-1017	17	125
SO-1019	19	125
SO-1022	22	135
SO-1024	24	178
SO-1027	27	178
SO-1030	30	192
SO-1032	32	201
SO-1034	34	200
SO-1036	36	210
SO-1038	38	232
SO-1041	41	232
SO-1046	46	252
SO-1050	50	276
SO-1055	55	306
SO-1060	60	314
SO-1065	65	344
SO-1070	70	367
SO-1075	75	387
SO-1080	80	392
SO-1085	85	415
SO-1090	90	440
SO-1095	95	440
SO-1100	100	500
SO-1110	110	500

SLOGGING OPEN END SPANNER (IN) ➤



Part Number	S in	L mm
SO-2004	3/4"	135
SO-2008	7/8"	135
SO-2012	15/16"	178
SO-2016	1"	178
SO-2020	1-1/8"	192
SO-2024	1-1/4"	201
SO-2028	1-7/16"	200
SO-2032	1-1/2"	232
SO-2036	1-5/8"	232
SO-2040	1-3/4"	232
SO-2044	1-7/8"	252
SO-2048	2"	276
SO-2052	2-1/8"	306
SO-2056	2-1/4"	306
SO-2060	2-3/8"	314
SO-2064	2-1/2"	344
SO-2068	2-3/4"	367
SO-2072	3"	387
SO-2076	3-1/8"	392
SO-2080	3-1/2"	445
SO-2084	3-3/4"	445
SO-2088	4"	485



SLOGGING RING SPANNER (MM) ▶



Part Number	S mm	L mm
SR-1017	17	160
SR-1019	19	160
SR-1022	22	178
SR-1024	24	178
SR-1027	27	178
SR-1030	30	193
SR-1032	32	193
SR-1034	34	198
SR-1036	36	203
SR-1038	38	225
SR-1040	40	225
SR-1041	41	225
SR-1042	42	225
SR-1044	44	225
SR-1045	45	225
SR-1046	46	235
SR-1050	50	253
SR-1052	52	253
SR-1055	55	275
SR-1054	54	275
SR-1056	56	275
SR-1060	60	285
SR-1065	65	295
SR-1070	70	335
SR-1075	75	335
SR-1080	80	365
SR-1085	85	380
SR-1090	90	380
SR-1095	95	380
SR-1100	100	435
SR-1110	110	435
SR-1120	120	525
SR-1130	130	525
SR-1135	135	525
SR-1140	140	570
SR-1145	145	570
SR-1150	150	570
SR-1155	155	570

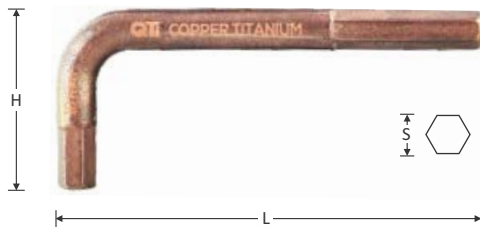
SLOGGING RING SPANNER (IN) ▶



Part Number	S in	L mm
SR - 2004	11/16"	160
SR - 2008	3/4"	160
SR - 2012	7/8"	185
SR - 2016	1"	185
SR - 2020	1-1/16"	185
SR - 2024	1-1/8"	200
SR - 2028	1-3/16"	200
SR - 2032	1-1/4"	200
SR - 2036	1-3/8"	205
SR - 2040	1-1/2"	235
SR - 2044	1-5/8"	235
SR - 2048	1-3/4"	245
SR - 2052	1-13/16"	245
SR - 2056	2"	260
SR - 2060	2-1/16"	260
SR - 2064	2-3/16"	275
SR - 2068	2-13/64"	275
SR - 2072	2-5/16"	285
SR - 2076	2-3/8"	285
SR - 2080	2-1/2"	295
SR - 2084	2-9/16"	295
SR - 2088	2-5/8"	295
SR - 2092	2-3/4"	335
SR - 2096	2-15/16"	335
SR - 2100	3"	335
SR - 2104	3-1/16"	365
SR - 2108	3-1/8"	365
SR - 2112	3-3/8"	380
SR - 2116	3-9/16"	380
SR - 2120	3-3/4"	380
SR - 2124	3-15/16"	435
SR - 2128	4-1/8"	435

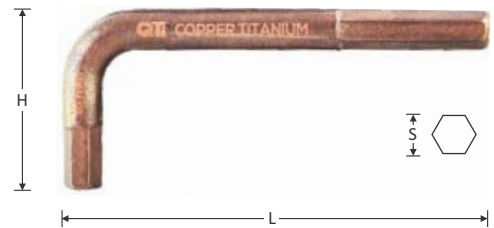
Additional sizes available on request

ALLEN KEY (MM) ➤



Part Number	S mm	L mm	H mm
AK-1001.5	1.5	46	15
AK-1002	2	52	18
AK-1002.5	2.5	58	20
AK-1003	3	83	32
AK-1004	4	95	38
AK-1005	5	85	32
AK-1006	6	91	38
AK-1007	7	100	40
AK-1008	8	107	44
AK-1009	9	112	48
AK-1010	10	121	50
AK-1011	11	134	55
AK-1012	12	134	57
AK-1013	13	155	70
AK-1014	14	155	65
AK-1015	15	180	75
AK-1016	16	179	78
AK-1017	17	179	79
AK-1018	18	194	88
AK-1019	19	198	89
AK-1020	20	198	89
AK-1021	21	230	103
AK-1022	22	230	103
AK-1023	23	233	108
AK-1024	24	248	114
AK-1025	25	248	114
AK-1026	26	277	127
CS-1027	27	277	127
CS-1028	28	311	141
CS-1029	29	311	141
CS-1030	30	315	142
CS-1032	32	347	157
CS-1036	36	391	176
CS-1041	41	420	200

ALLEN KEY (IN) ➤



Part Number	S in	L mm	H mm
AK-2004	1/16"	46	15
AK-2008	5/64"	52	18
AK-2012	3/32"	58	20
AK-2016	7/64"	83	32
AK-2020	1/8"	83	32
AK-2024	9/64"	95	38
AK-2028	5/32"	95	38
AK-2032	3/16"	85	32
AK-2036	7/32"	91	38
AK-2040	1/4"	100	40
AK-2044	9/32"	100	40
AK-2048	5/16"	107	44
AK-2052	11/32"	112	48
AK-2056	3/8"	121	50
AK-2060	1/2"	155	70
AK-2064	9/16"	180	75
AK-2068	5/8"	179	78
AK-2072	11/16"	194	86
AK-2076	3/4"	198	87
AK-2080	13/16"	230	103
AK-2084	7/8"	230	103

Additional sizes available on request

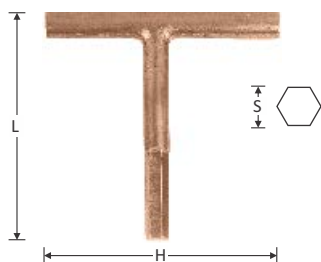


ALLEN KEY BALL END (MM) ➤



Part Number	S mm	L mm	H mm
AK-3003	3	66	23
AK-3004	4	74	29
AK-3005	5	90	33
AK-3006	6	103	38
AK-3007	7	107	39
AK-3008	8	114	44
AK-3009	9	124	47
AK-3010	10	134	52
AK-3011	11	129	53
AK-3012	12	152	55
AK-3013	13	158	63
AK-3014	14	172	68
AK-3015	15	176	73
AK-3016	16	184	76
AK-3017	17	190	77
AK-3018	18	206	84
AK-3019	19	217	86
AK-3020	20	235	92
AK-3021	21	235	92
AK-3022	22	250	103

ALLEN KEY T TYPE (MM) ➤



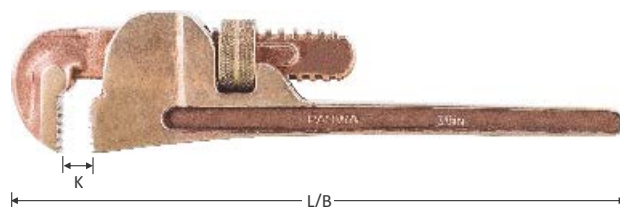
Part Number	S mm	L mm	H mm
AK-5003	3	90	100
AK-5004	4	90	100
AK-5005	5	90	100
AK-5006	6	90	100
AK-5008	8	90	100
AK-5010	10	90	100

ADJUSTABLE WRENCH ➤



Part Number	B in	K mm	L mm
AW-1006	6"	18	150
AW-1008	8"	24	200
AW-1010	10"	30	250
AW-1012	12"	36	300
AW-1014	14"	46	375
AW-1018	18"	55	450
AW-1024	24"	65	600

PIPE WRENCH ➤



Part Number	B in	K mm	L mm
PW-1008	8"	25	200
PW-1010	10"	30	250
PW-1012	12"	40	300
PW-1014	14"	56	350
PW-1018	18"	60	450
PW-1024	24"	75	600
PW-1036	36"	125	900

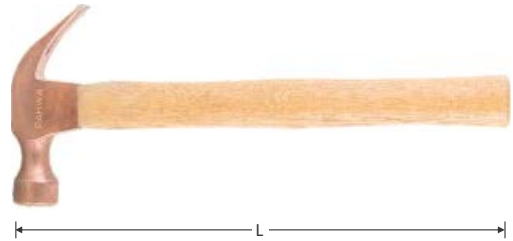
TRUST ONLY
GENUINE
PAHWA SAFETY
TOOLS.

SLEDGE HAMMER ➤



Part Number	W Gms	W Lbs	L mm
HM-1005	500	1 lb	330
HM-1010	1000	2 lb	370
HM-1015	1500	3 lb	750
HM-1020	2000	4 lb	750
HM-1025	2500	5 lb	900
HM-1030	3000	6 lb	900
HM-1045	4500	10 lb	900
HM-1050	5000	11 lb	900
HM-1064	6400	14 lb	900
HM-1080	8000	17.5 lb	900
HM-1099	9900	21 lb	900

CLAW HAMMER ➤



Part Number	W Gms	W Lbs	L mm
HM-3023	230	0.5	310
HM-3045	450	1 lb	320
HM-3068	680	1.5 lb	360
HM-3091	910	2 lb	380

BALL PEIN HAMMER ➤



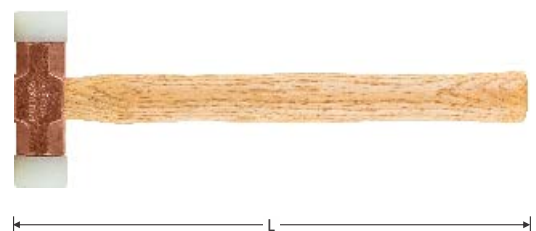
Part Number	W Gms	W Lbs	L mm
HM-2023	230	0.5 lb	330
HM-2034	340	.75 lb	330
HM-2045	450	1 lb	330
HM-2068	680	1.5 lb	370
HM-2091	910	2 lb	370
HM-2113	1130	2.5 lb	370

CLUB HAMMER ➤

WILL BE
AVAILABLE
SOON

Part Number	W Gms	W Lbs	L mm
HM-4091	910	2 lb	310
HM-4180	1800	4 lb	320

NYLON HAMMER ➤



Part Number	W Gms	W Lbs	L mm
HM-5100	1000	2 lb	400

TOOLS MADE FROM
SPECIAL COPPER
TITANIUM ALLOYS

SOCKETS 1/4" (MM) ➤



Part Number	S mm	L mm
SC-1004	4	25
SC-1005	5	25
SC-1006	6	25
SC-1007	7	25
SC-1008	8	25
SC-1009	9	25
SC-1010	10	25
SC-1011	11	25
SC-1012	12	27
SC-1013	13	27
SC-1014	14	27
SC-1015	15	27
SC-1016	16	27
SC-1017	17	27
SC-1018	18	27
SC-1019	19	27
SC-1020	20	27

SOCKETS 3/8" (MM) ➤



Part Number	S mm	L mm
SC-2005	5	30
SC-2006	6	30
SC-2007	7	30
SC-2008	8	30
SC-2009	9	30
SC-2010	10	30
SC-2011	11	30
SC-2012	12	30
SC-2013	13	30
SC-2014	14	30
SC-2015	15	30
SC-2016	16	30
SC-2017	17	30
SC-2018	18	30
SC-2019	19	30
SC-2020	20	30

SOCKETS 1/4" (IN) ➤



Part Number	S in	L mm
SC-1104	5/32"	25
SC-1108	3/16"	25
SC-1112	7/32"	25
SC-1116	1/4"	25
SC-1120	9/32"	25
SC-1124	5/16"	25
SC-1128	11/32"	25
SC-1132	3/8"	25
SC-1136	7/16"	25
SC-1140	1/2"	27

SOCKETS 3/8" (IN) ➤



Part Number	S in	L mm
SC-2104	5/16"	30
SC-2108	3/8"	30
SC-2112	7/16"	30
SC-2116	1/2"	30
SC-2120	9/16"	30
SC-2124	5/8"	30
SC-2128	11/16"	30
SC-2132	3/4"	30
SC-2136	13/16"	35
SC-2140	7/8"	35
SC-2144	15/16"	35





SOCKETS 1/2" (MM) ➤



Part Number	S mm	L mm
SC-3006	6	40
SC-3007	7	40
SC-3008	8	40
SC-3009	9	40
SC-3010	10	38
SC-3011	11	40
SC-3012	12	40
SC-3013	13	40
SC-3014	14	40
SC-3015	15	38
SC-3016	16	40
SC-3017	17	40
SC-3018	18	38
SC-3019	19	42
SC-3020	20	38
SC-3021	21	43
SC-3022	22	43
SC-3023	23	43
SC-3024	24	43
SC-3025	25	48
SC-3026	26	43
SC-3027	27	46
SC-3028	28	48
SC-3029	29	46
SC-3030	30	46
SC-3031	31	46
SC-3032	32	46

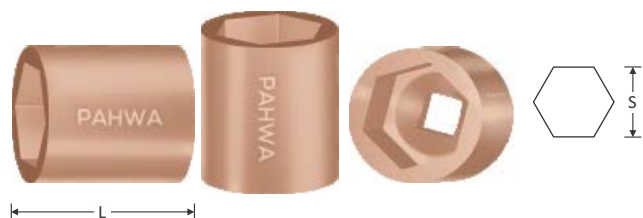
SOCKETS 1/2" (IN) ➤



Part Number	S in	L mm
SC-3104	5/16"	40
SC-3108	3/8"	40
SC-3112	7/16"	40
SC-3116	1/2"	40
SC-3120	9/16"	40
SC-3124	5/8"	40
SC-3128	11/16"	40
SC-3132	3/4"	43
SC-3136	13/16"	43
SC-3140	7/8"	43
SC-3144	15/16"	43
SC-3148	1"	43
SC-3152	1-1/16"	46
SC-3156	1-1/4"	46
SC-3160	1-7/16"	50



SOCKETS 1/2" (MM) IMPACT SOCKET ➤



Part Number	S mm	L mm
SC-3208	8	40
SC-3210	10	40
SC-3212	12	40
SC-3214	14	40
SC-3217	17	40
SC-3219	19	40
SC-3222	22	40
SC-3224	24	45
SC-3227	27	45
SC-3230	30	50
SC-3232	32	50

SOCKETS 1/2" (MM) DEEP IMPACT SOCKET ➤



Part Number	S mm	L mm
SC-3408	8	80
SC-3410	10	80
SC-3412	12	80
SC-3414	14	80
SC-3417	17	80
SC-3419	19	80
SC-3422	22	80
SC-3424	24	80
SC-3427	27	80
SC-3430	30	80
SC-3432	32	80

SOCKETS 1/2" (IN) IMPACT SOCKET ➤



Part Number	S in	L mm
SC-3304	5/16"	40
SC-3308	3/8"	40
SC-3312	1/2"	40
SC-3316	9/16"	40
SC-3320	5/8"	40
SC-3324	11/16"	40
SC-3328	3/4"	43
SC-3332	7/8"	43
SC-3336	15/16"	43
SC-3340	1"	46

SOCKETS 1/2" (IN) DEEP IMPACT SOCKET ➤



Part Number	S in	L mm
SC-3504	5/16"	80
SC-3508	3/8"	80
SC-3512	1/2"	80
SC-3516	9/16"	80
SC-3520	5/8"	80
SC-3524	11/16"	80
SC-3528	3/4"	80
SC-3532	7/8"	80
SC-3536	15/16"	80
SC-3540	1"	80

SOCKETS 3/4" (MM) ➤



Part Number	S mm	L mm
SC-4017	17	50
SC-4019	19	50
SC-4021	21	50
SC-4022	22	55
SC-4023	23	55
SC-4024	24	55
SC-4026	26	55
SC-4027	27	55
SC-4028	28	55
SC-4029	29	55
SC-4030	30	60
SC-4031	31	60
SC-4032	32	65
SC-4034	34	60
SC-4036	36	60
SC-4038	38	60
SC-4041	41	70
SC-4046	46	65
SC-4050	50	70

SOCKETS 3/4" (IN) ➤



Part Number	S in	L mm
SC-4104	3/4"	55
SC-4108	13/16"	55
SC-4112	7/8"	55
SC-4116	15/16"	55
SC-4120	1"	55
SC-4124	1-1/16"	55
SC-4128	1-1/8"	55
SC-4132	1-3/16"	60
SC-4136	1-1/4"	60
SC-4140	1-5/16"	60
SC-4144	1-3/8"	60
SC-4148	1-7/16"	60
SC-4152	1-1/2"	60
SC-4156	1-5/8"	65
SC-4160	1-3/4"	65
SC-4164	1-13/16"	65
SC-4168	1-7/8"	65
SC-4172	2"	70

SOCKETS 3/4" (MM) IMPACT ➤



Part Number	S mm	L mm
SC-4224	24	50
SC-4227	27	53
SC-4230	30	53
SC-4232	32	56
SC-4236	36	56
SC-4241	41	60
SC-4246	46	60
SC-4250	50	70

SOCKETS 3/4" (MM) DEEP IMPACT ➤



Part Number	S mm	L mm
SC-4417	17	90
SC-4419	19	90
SC-4422	22	90
SC-4424	24	90
SC-4427	27	90
SC-4430	30	90
SC-4432	32	90
SC-4436	36	90
SC-4441	41	90
SC-4446	46	100
SC-4450	50	100

SOCKETS 1" (IN) ➤



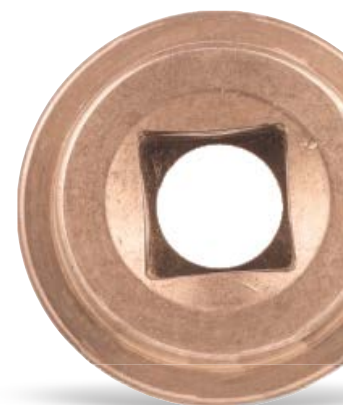
Part Number	S in	L mm
SC-5104	1-1/16"	55
SC-5108	1-1/8"	55
SC-5112	1-3/16"	60
SC-5116	1-1/4"	60
SC-5120	1-5/16"	60
SC-5124	1-3/8"	60
SC-5128	1-7/16"	65
SC-5132	1-1/2"	65
SC-5136	1-5/8"	70
SC-5140	1-13/16"	75
SC-5144	1-7/8"	75
SC-5148	2"	80
SC-5152	2-1/4"	90
SC-5156	2-1/2"	90
SC-5160	3"	95

SOCKETS 1" (MM) ➤



Part Number	S mm	L mm
SC-5022	22	55
SC-5024	24	55
SC-5025	25	55
SC-5026	26	55
SC-5027	27	55
SC-5028	28	55
SC-5029	29	55
SC-5030	30	60
SC-5031	31	60
SC-5032	32	60
SC-5034	34	60

Part Number	S mm	L mm
SC-5036	36	65
SC-5038	38	65
SC-5041	41	70
SC-5046	46	75
SC-5050	50	75
SC-5055	55	80
SC-5060	60	85
SC-5065	65	90
SC-5070	70	90
SC-5075	75	95
SC-5080	80	95



Additional sizes available on request

SOCKETS 1" (MM) IMPACT SOCKET ➤



Part Number	S mm	L mm
SC-5219	19	55
SC-5221	21	55
SC-5222	22	55
SC-5224	24	55
SC-5226	26	55
SC-5227	27	55
SC-5229	29	60
SC-5230	30	60
SC-5232	32	60
SC-5234	34	60
SC-5235	35	60
SC-5236	36	60
SC-5238	38	65
SC-5241	41	65
SC-5246	46	70
SC-5250	50	75
SC-5252	52	75
SC-5255	55	75
SC-5258	58	85
SC-5260	60	85
SC-5265	65	85
SC-5270	70	90
SC-5275	75	90
SC-5280	80	90

OFFSET HANDLE ➤



Part Number	B in	L mm	H mm
RH-2004	3/8"	200	50
RH-2008	1/2"	225	55
RH-2012	3/4"	280	75
RH-2016	1"	300	85

DRIVER EXTENSION ➤



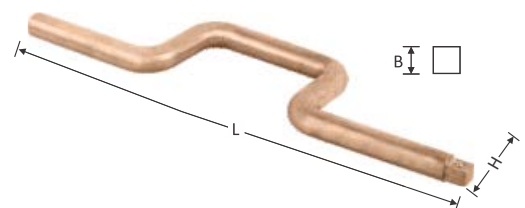
Part Number	B in	L mm
RH-3004	3/8"	75
RH-3008	3/8"	150
RH-3012	1/2"	100
RH-3016	1/2"	125
RH-3020	1/2"	200
RH-3024	1/2"	250
RH-3028	3/4"	200
RH-3032	1"	200

REVERSIBLE RATCHET ➤



Part Number	B in	L mm	H mm
RH-1004	1/2"	250	44
RH-1008	3/4"	320	44

SPEED HANDLE ➤



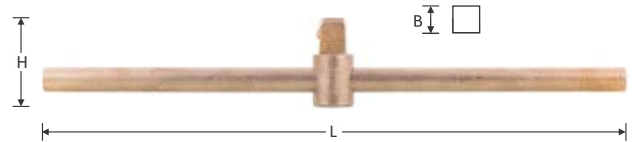
Part Number	B in	L mm	H mm
RH-4004	1/2"	380	90

ADAPTORS >

WILL BE
AVAILABLE
SOON

Part Number	F in	M in	L mm
AD-1004	3/8"	1/4"	26
AD-1008	1/4"	3/8"	22
AD-1012	1/2"	3/8"	34
AD-1016	3/8"	1/2"	34
AD-1020	3/4"	1/2"	55
AD-1024	1/2"	3/4"	50
AD-1028	1"	3/4"	70
AD-1032	3/4"	1"	60
AD-1036	1-1/2"	1"	85
AD-1040	1"	1-1/2"	85

SLIDING T HANDLE-SHORT >



Part Number	B in	L mm	H mm
TR-2004	1/2"	250	40
TR-2008	3/4"	350	55
TR-2012	1"	400	65

SLIDING T WRENCH >

WILL BE
AVAILABLE
SOON

Part Number	S mm	L mm	H mm
TR-3007	7	120	120
TR-3009	9	130	130
TR-3011	11	140	150
TR-3014	14	150	170
TR-3017	17	170	190
TR-3019	19	180	210
TR-3022	22	190	240
TR-3024	24	200	270
TR-3027	27	200	270
TR-3030	30	200	280
TR-3032	32	200	280
TR-3036	36	200	280

SLIDING T HANDLE-LONG >

WILL BE
AVAILABLE
SOON

Part Number	B in	L mm	H mm
TR-1004	3/4"	350	200
TR-1008	1"	400	200



Additional sizes available on request

FLAT SCREW DRIVER ➤



Part Number	L1 mm	L1 inch	D mm	L
SD-1003	50	2	3	125
SD-1004	75	3	4	155
SD-1005	100	4	5	180
SD-1006	125	5	6	230
SD-1007	150	6	7	250
SD-1008	200	8	8	300
SD-1009	250	10	9	375
SD-1010	300	12	10	420
SD-1012	350	14	12	470

PHILIPS SCREW DRIVER ➤



Part Number	Point	L1 mm	L1 inch	D mm	L
SD-2003	0	50	2	3	125
SD-2005	1	100	4	5	180
SD-2007	2	150	6	7	250
SD-2008	3	200	8	8	300
SD-2010	4	300	10	10	420



DRIVER HEX NUT ➤

WILL BE
AVAILABLE
SOON

Part Number	L1 mm	S mm
SD-1003	50	3
SD-1004	75	4
SD-1005	100	5
SD-1006	125	6
SD-1007	150	7
SD-1008	200	8
SD-1009	250	9
SD-1010	300	10
SD-1012	350	12

COMBINATION PLIERS ➤



Part Number	L in	L mm
PL-1006	6	150
PL-1008	8	200

LONG NOSE PLIERS ➤



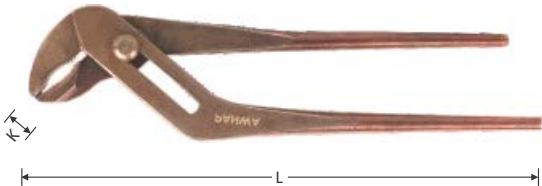
Part Number	L in	L mm
PL-2006	6	150
PL-2008	8	200

ROUND NOSE PLIERS ➤

WILL BE
AVAILABLE
SOON

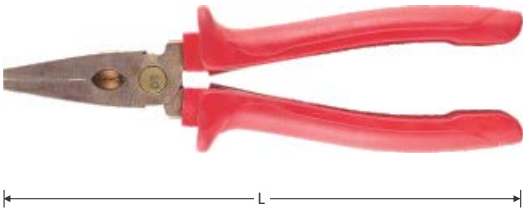
Part Number	L in	L mm
PL-3006	6	150
PL-3008	8	200

GROOVE JOINT PLIERS ➤



Part Number	L in	L mm	K
PL-6012	12	300	55

FLAT NOSE PLIERS ➤



Part Number	L in	L mm
PL-4006	6	150
PL-4008	8	200

WIRE STRIPPING PLIERS ➤

WILL BE
AVAILABLE
SOON

Part Number	L in	L mm
PL-7007	7	170

DIOGNAL CUTTING PLIERS ➤



Part Number	L in	L mm
PL-5006	6	150
PL-5008	8	200

SNAP RING PLIERS ➤

WILL BE
AVAILABLE
SOON

Part Number	L in	L mm
PL-8004 (Int)	8	200
PL-8008 (Ext)	8	200

PUNCH ➤



Part Number	D1 mm	D2 mm	L mm
PU-1011	5	11	150
PU-1012	6	12	150
PU-1013	7	13	150
PU-1014	8	14	150
PU-1016	10	16	175
PU-1018	12	18	175
PU-1030	13	30	255

CYLINDRICAL DRIFT PUNCH ➤

WILL BE
AVAILABLE
SOON

Part Number	D mm	L mm
PU-3004	16	100
PU-3008	16	150
PU-3012	18	200
PU-3016	18	300
PU-3020	18	400
PU-3024	20	450
PU-3028	30	450

MACHINISTS PUNCH ➤

WILL BE
AVAILABLE
SOON

Part Number	D mm	L mm
PU-2004	18	160
PU-2008	18	250
PU-2012	18	300
PU-2016	20	300
PU-2020	25	300
PU-2024	18	400
PU-2028	20	400

DRIFT PIN, STRAIGHT BARRERL PUNCH ➤

WILL BE
AVAILABLE
SOON

Part Number	D1 mm	D2 mm	L mm
PU - 5004	8	11	150
PU - 5008	10	13	150
PU - 5012	12	15	150
PU - 5016	14	18	200
PU - 5020	15	19	200
PU - 5024	16	20	200
PU - 5028	17	21	200
PU - 5032	18	22	250
PU - 5036	19	23	250
PU - 5040	20	24	250
PU - 5044	21	25	250
PU - 5048	22	26	250
PU - 5052	24	28	250
PU - 5056	25	29	250
PU - 5060	26	30	250
PU - 5064	27	31	300

CENTER PUNCH ➤



Part Number	D mm	L mm
PU-3004	16	100
PU-3008	16	150
PU-3012	18	200
PU-3016	18	300
PU-3020	18	400
PU-3024	20	450
PU-3028	30	450

ROUND CHISEL ➤



Part Number	D mm	L mm
CH-1004	14	160
CH-1008	16	160
CH-1012	18	160
CH-1016	18	200
CH-1020	20	200
CH-1024	24	250
CH-1028	24	300
CH-1032	25	300
CH-1036	25	400
CH-1040	25	500

FLAT CHISELS ➤

WILL BE
AVAILABLE
SOON

Part Number	B mm	L mm
PU-3004	22	150
PU-3008	22	200
PU-3012	24	250
PU-3016	25	300
PU-3020	27	400

HEX CHISEL ➤



Part Number	S mm	B mm	L mm
CH-2004	10	12	150
CH-2008	14	16	200
Ch-2012	16	18	160
Ch-2016	14	16	250
Ch-2020	17	19	300
Ch-2024	17	19	350
Ch-2028	22	24	600
Ch-2032	25	28	300
Ch-2036	30	35	500

CROSS CUTTING CHISELS ➤

WILL BE
AVAILABLE
SOON

Part Number	B mm	H mm	L mm
CH-4004	4	6	140
CH-4008	4	7	200
Ch-4012	5	8	300

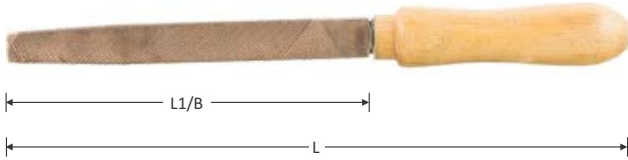


High Quality Safety Tools!



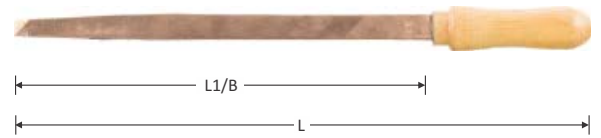


FLAT FILES ➤



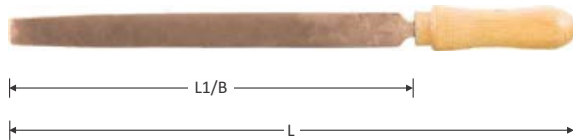
Part Number	B in	L1 mm	L mm
FL-1006	6	150	250
FL-1008	8	200	315
FL-1010	10	250	350
FL-1012	12	300	410

SQUARE FILES ➤



Part Number	B in	L1 mm	L mm
FL-4006	6	150	690
FL-4008	8	200	705
FL-4010	10	250	720
FL-4012	12	300	765

HALF ROUND FILES ➤



Part Number	B in	L1 mm	L mm
FL-2006	6	150	250
FL-2008	8	200	315
FL-2010	10	250	350
FL-2012	12	300	410

TRIANGLE FILES ➤



Part Number	B in	L1 mm	L mm
FL-5006	6	150	250
FL-5008	8	200	315
FL-5010	10	250	350
FL-5012	12	300	410

ROUND FILES ➤



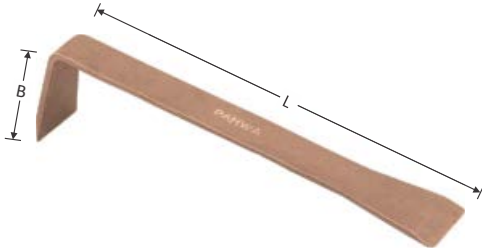
Part Number	B in	L1 mm	L mm
FL-3006	6	150	250
FL-3008	8	200	315
FL-3010	10	250	350
FL-3012	12	300	410

FLAT SCRAPER ➤



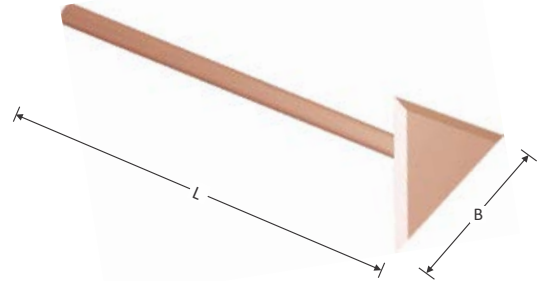
Part Number	B mm	L mm	L mm
SX-1020	20	200	325
SX-1030	30	250	375
SX-1035	35	300	425
SX-1050	50	300	425
SX-1060	60	350	475

DECK SCRAPER ➤



Part Number	B mm	L mm
SX-2040	40	250
SX-2045	45	300
SX-2055	55	350
SX-2050	50	300
SX-2060	60	350

PLATE SCRAPER ➤



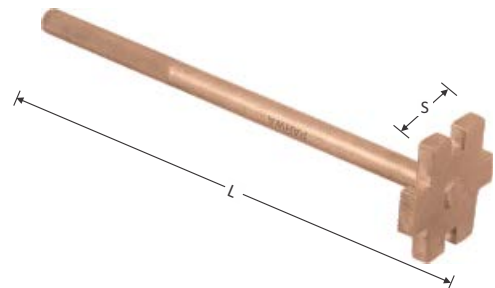
Part Number	B mm	L mm
SX-5150	150	470

SPRAY BOOTH SCRAPER ➤

WILL BE
AVAILABLE
SOON

Part Number	S mm	L mm
SX-3076	76	235

BUNG WRENCH ➤



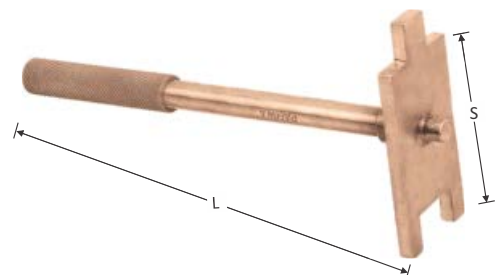
Part Number	S mm	L mm
BW-1004	70	300

SCRAPPER ➤



Part Number	B mm	L1 mm	L mm
SX-4050	50	90	690
SX-4075	75	100	705
SX-4100	100	115	720
SX-4150	150	150	765

DRUM OPENER ➤



Part Number	S mm	L mm
BW-2004	100	300

DRUM OPENER-S TYPE ➤



Part Number	S mm	L mm
BW-3004	73	290

WRECKING BAR 2 ➤

WILL BE
AVAILABLE
SOON

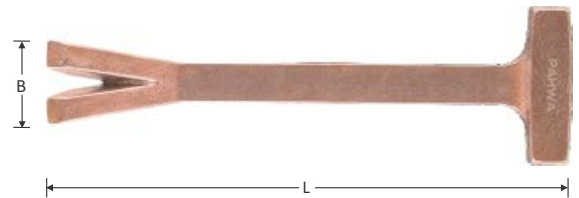
Part Number	L mm	S mm
BW-6004	73	290

CARBIDE DRUM OPENER ➤

WILL BE
AVAILABLE
SOON

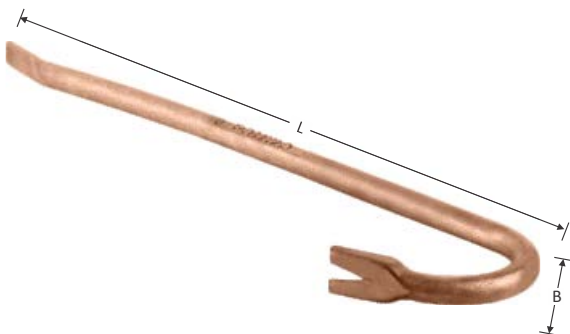
Part Number	S mm	L mm
BW-4004	53	280

CRATE OPENER ➤



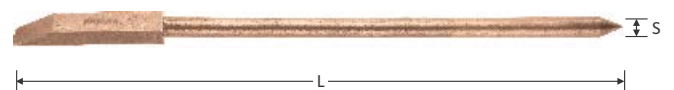
Part Number	L mm	B mm
BW-7004	230	70

WRECKING BAR 1 ➤



Part Number	L mm	B mm
BW-5004	460	120

CROW BAR ➤



Part Number	L mm	B mm
BW-8004	650	23

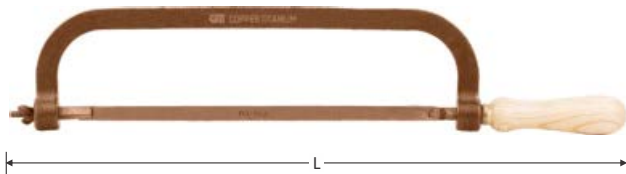
NON-MAGNETIC HAND TOOLS

HACKSAW BLADE ➤



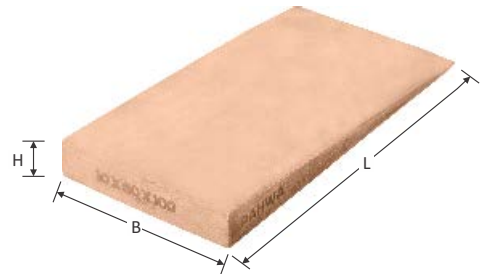
Part Number	L mm	S mm
HX-2300	300	12
HX-2310*	300	12

HACKSAW FRAME ➤



Part Number	L mm
HX-1500	500

FLANGE WEDGES ➤

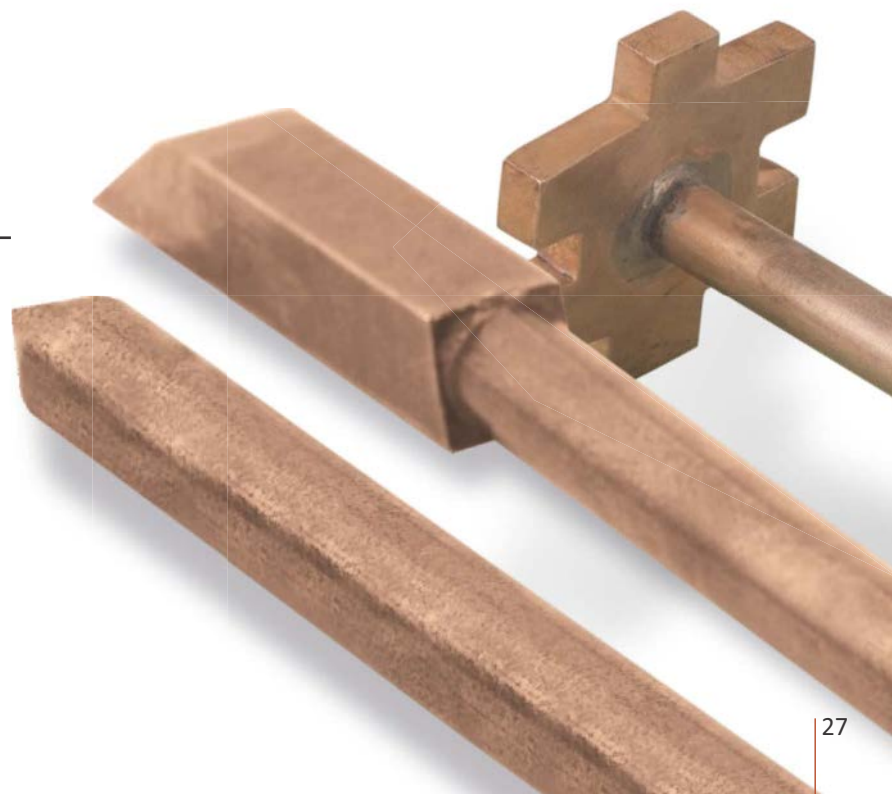


Part Number	L mm	B mm	H mm
WD-1004	80	13	6
WD-1008	100	50	10
WD-1012	135	50	18
WD-1016	150	40	8
WD-1020	150	25	8
WD-1024	150	25	13
WD-1028	150	50	13
WD-1032	180	32	13
WD-1036	180	50	19
WD-1040	200	20	30
WD-1044	200	30	30
WD-1048	200	40	40
WD-1052	200	50	12
WD-1056	230	40	20
WD-1060	250	40	30
WD-1064	300	50	40

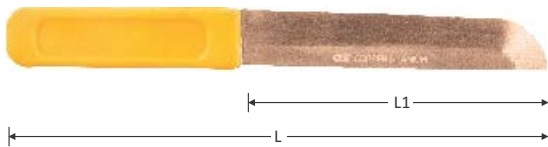
CUTTING SHEARS ➤

WILL BE
AVAILABLE
SOON

Part Number	L mm	B mm
CU-1006	150	60
CU-1012	300	75



COMMON KNIFE ➤



Part Number	L1 mm	L mm
PK-1004	80	185
PK-1008	145	250

PUTTY KNIFE ➤



Part Number	K mm	L mm
PK-3075	75	200
PK-3100	100	200
PK-3150	150	200

COMMON KNIFE WITH WOODEN HANDLE ➤

WILL BE
AVAILABLE
SOON

Part Number	L1 mm	L mm
PK-1104	80	185
PK-1108	145	250

HOOK SPANNER ➤

WILL BE
AVAILABLE
SOON

Part Number	D mm	L mm
HS-1004	30-32	140
HS-1008	34-36	170
HS-1012	40-42	176
HS-1016	45-50	209
HS-1020	52-55	212
HS-1024	58-62	244
HS-1028	68-75	250
HS-1032	80-90	284
HS-1036	95-100	288
HS-1040	110-115	337
HS-1044	120-130	343
HS-1048	135-145	388

PUTTY KNIFE ➤



Part Number	K mm	L mm
PK-2025	25	200
PK-2040	40	200
PK-2050	50	200
PK-2065	65	200



VALVE HANDLE ➤

WILL BE
AVAILABLE
SOON

Part Number	S mm	L mm
VH-1030	30	200
VH-1035	35	250
VH-1040	40	300
VH-1045	45	350
VH-1048	48	375
VH-1050	50	400
VH-1055	55	450
VH-1060	60	500
VH-1065	65	550
VH-1070	70	600
VH-1075	75	650
VH-1080	80	700

AWL ➤

WILL BE
AVAILABLE
SOON

Part Number	L mm	S in
GP-1003	75	3"
GP-1004	100	4"

GEAR PULLER ➤



Part Number	L mm	S in
GP-1003	75	3"
GP-1004	100	4"

MARKING TOOL ➤

WILL BE
AVAILABLE
SOON

Part Number	L mm	S mm
MT-1004	300	12
MT-1008	400	16

CROW FOOT 1/2" (IN) ➤

WILL BE
AVAILABLE
SOON

MARKING TOOL ➤



Part Number	L mm	H mm	Smm
MT-2004	200	30	5
MT-2008	250	40	5

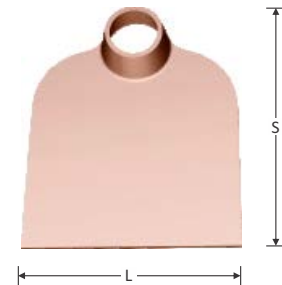
Part Number	S mm	L mm
CF-1014	14	40
CF-1016	16	43
CF-1017	17	43
CF-1019	19	49
CF-1020	20	49
CF-1022	22	52
CF-1027	27	59

RAILROAD PICK ➤



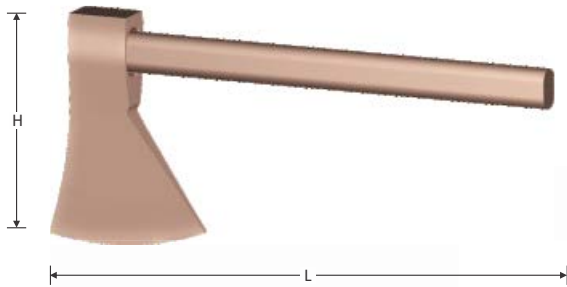
Part Number	B mm	L mm
EX-1004	385	910
EX-1008	470	910

HOE ➤



Part Number	L mm	S mm
EX-4004	200	200

AXE ➤



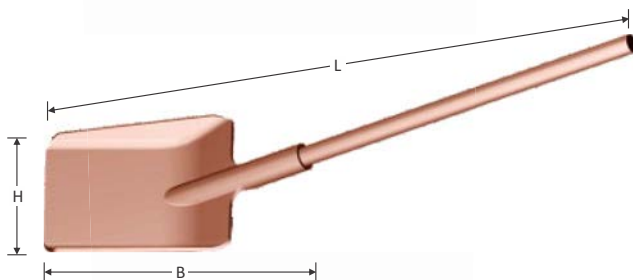
Part Number	H mm	L mm
EX-2004	145	340

SPADE ➤



Part Number	B mm	H mm	L mm
EX-5004	195	290	1390

SQUARE SHOVEL ➤



Part Number	B mm	H mm	L mm
EX-3004	418	240	1450



FLAT BRUSH (BRASS) ➤

WILL BE
AVAILABLE
SOON

Part Number	L mm	S mm
BR-1004	200	50

FLAT HANDLE BRUSH (BRASS) ➤

WILL BE
AVAILABLE
SOON

Part Number	L mm	S mm
BR-2004	300	30

SHOE HANDLE BRUSH ➤

WILL BE
AVAILABLE
SOON

Part Number	L mm
BR-3004	250

DRILLS ➤



Part Number	D mm	F mm	L
DR-1002	2	12	38
DR-1003	3	18	46
DR-1004	4	22	55
DR-1005	5	26	62
DR-1006	6	28	66
DR-1007	7	34	74
DR-1008	8	37	79
DR-1009	9	40	84
DR-1010	10	43	89
DR-1011	11	47	95
DR-1012	12	51	102
DR-1013	13	51	102
DR-1014	14	54	107
DR-1015	15	56	111
DR-1016	16	58	115
DR-1017	17	60	115
DR-1018	18	52	123
DR-1019	19	64	127
DR-1020	20	66	131
DR-1021	21	68	136
DR-1022	22	70	141
DR-1023	23	72	146
DR-1024	24	75	151
DR-1025	25	75	151
DR-1026	26	78	156
DR-1027	27	81	162
DR-1028	28	81	162
DR-1029	29	84	168
DR-1030	30	84	168



COPPER TITANIUM

Non-Sparking Non-Magnetic

Hand Tools made by

PAHWA METALTECH PVT. LTD.





IS : 4595 - 1969

(BIS Standard for Non Sparking Tools)

An
ISO 9001:2015
Certified Company

