



SPARKless[®]
Safety First
Non Sparking Safety Tools
Version 2.01

METRO TOOLS

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L-3, KEVAL SHOPING CENTRE,
OPP. RAJKAMAL ARCADE,
OLD N.H NO:8 , G.I.D.C.
ANKLESHWAR-393001.

Our Non-Sparking Tools are the best alternative to regular steel tools and finds application in potentially explosive environments. Non-Sparking tools are mandatory in any environment where an ignition source can result in a fire or explosion.

Our tools are tested and complies to IS 4595 standard for non-sparking property



Non
Sparking



Good
Hardness



Corrosion
Resistant



Non
Magnetic



High
Strength



Good
Conductivity

INDUSTRIES

Oil & Gas (Upstream, Midstream, Downstream)

Chemical Industry

Pharmaceutical Industry

Automobile Industry

Thermal Power Plants

Fertilizer Plants

Sugar Mills

Breweries & Distilleries

Paint, Lacquer & Varnish Industry

Explosive & Ammunition Plants

Waste Treatment Facilities

First Responders

*Note the above list is not exhaustive

Applications of Non-Sparking Tools

Need these extensively for various applications

In manufacturing, handling and storage of flammable liquids & gases

Storing and handling of various hazardous chemicals

Maintenance in Paint shops

Handling Hydrogen gas cylinders

Dealing with ammonia gas

Dealing with combustible sugar dust

Manufacturing & storing of alcohols

Handling of solvents & varnishes

Explosive Dust

Presence of flammable vapors

Firefighters and bomb disposal squads

MATERIAL COMPOSITION

We offer 2 kinds of materials for non-sparking tools, Copper-Beryllium alloy (Be-Cu) and Aluminium-Bronze (Al-Br) alloy:

COPPER-BERYLLIUM ALLOY	
Composition	Be: 1.8%-2% Ni+Co: 0.2%-1.2% Others: <0.5% Rest: Cu
Hardness	283-365 Brinell
Tensile Strength	~1250 N/mm ²

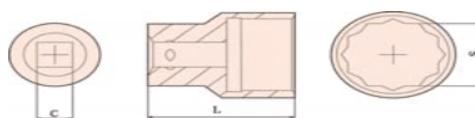
ALUMINIUM-BRONZE ALLOY	
Composition	Al: 10%-12% Ni: 4 % - 6 % Fe+Mn: <5.8 % Others: <0.5% Rest: Cu
Hardness	229-291 Brinell
Tensile Strength	~800 N/mm ²



SOCKET 1/2" SQ DR

DIN3120 Die forged

P/N	S mm	L mm
SJD-6	6	40
SJD-7	7	40
SJD-8	8	40
SJD-9	9	40
SJD-10	10	40
SJD-11	11	40
SJD-12	12	40
SJD-13	13	40
SJD-14	14	40
SJD-15	15	40
SJD-16	16	40
SJD-17	17	40
SJD-18	18	42
SJD-19	19	42
SJD-20	20	42
SJD-21	21	43
SJD-22	22	43
SJD-23	23	43
SJD-24	24	43
SJD-25	25	43
SJD-26	26	43
SJD-27	27	46
SJD-28	28	46
SJD-29	29	46
SJD-30	30	46
SJD-32	32	46



P/N	S in	L mm
SJD-1002	5/16"	40
SJD-1004	3/8"	40
SJD-1006	7/16"	40
SJD-1008	1/2"	40
SJD-1010	9/16"	40
SJD-1012	5/8"	40
SJD-1014	11/16"	40
SJD-1016	3/4"	42
SJD-1018	13/16"	43
SJD-1020	7/8"	43
SJD-1022	15/16"	43
SJD-1024	1"	43
SJD-1026	1-1/16"	46
SJD-1028	1-1/4"	46
SJD-1030	1-7/16"	46



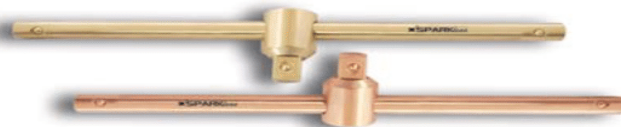
IMPACT SOCKET 1" SQ DR

DIN3129 Die forged

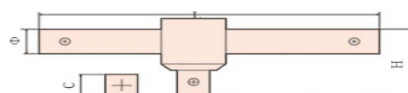
P/N	S mm	L mm
SJH-19	19	55
SJH-21	21	55
SJH-22	22	55
SJH-24	24	55
SJH-26	26	55
SJH-27	27	55
SJH-29	29	60
SJH-30	30	60
SJH-32	32	60
SJH-34	34	60
SJH-35	35	60
SJH-36	36	60
SJH-38	38	65
SJH-41	41	65
SJH-46	46	70
SJH-50	50	75
SJH-52	52	75
SJH-55	55	75
SJH-58	58	85
SJH-60	60	85
SJH-65	65	85
SJH-70	70	90
SJH-75	75	90
SJH-80	80	90

SLIDING T HANDLE

DIN3122 Die forged



P/N	C inch	L mm	H mm	Φ mm
SKG-1002	1/2"	250	39	13
SKG-1004	3/4"	350	54	19
SKG-1006	3/4"	400	56	21
SKG-1008	1"	400	62	21

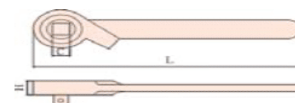


RATCHET WRENCH

Die forged



P/N	C inch	L mm	H mm
SKI-1002	1/4"	200	16.5
SKI-1004	3/8"	175	16.5
SKI-1006	3/8"	200	16.5
SKI-1008	1/2"	250	16.5
SKI-1010	3/4"	300	22
SKI-1012	1"	300	22



DRIVER EXTENSION

Die forged



P/N	C in	L mm
SLB-1002	3/8"	75
SLB-1004	3/8"	150
SLB-1006	1/2"	100
SLB-1008	1/2"	125
SLB-1010	1/2"	200
SLB-1012	1/2"	250
SLB-1014	3/4"	200
SLB-1016	1	200



SOCKET SET 1/2" SQ DR 17PCS



P/N	CONTENTS	mm
SJAG	Socket	10, 11, 12, 14, 17, 19, 22, 24, 27 30, 32
	Ratchet Wrench	245
	Sliding T-Handle	250
	Speed Handle	400
	Driver Extension	125, 250

SOCKET SET 1/2" SQR DR 32PCS



P/N	CONTENTS	mm
SJAJ	Socket	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32
	Spark Plug	13/16"
	Ratchet Wrench	245
	Sliding T-Handle	250
	Speed Handle	400
	Driver Extension	125, 250
	Unviversal Joint	80
	Screwdriver Socket	52
	Offset Handle	230

TORQUE WRENCH

GB/T 15729 Die forged

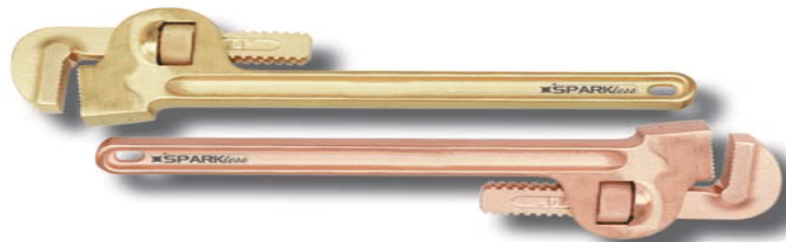


P/N	C in	Torque N.m	L mm
SDI-1004	1/2"	10-100	405
SDI-1006	1/2"	20-200	500



ADJUSTABLE WRENCH

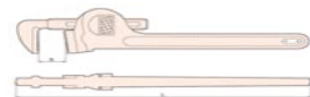
P/N	L mm	K mm
SLE-1002	100	13
SLE-1004	150	18
SLE-1006	200	24
SLE-1008	250	30
SLE-1010	300	36
SLE-1012	375	46
SLE-1014	450	55
SLE-1016	600	65



PIPE WRENCH

DIN3122 Die forged

P/N	L mm	K mm
SMZ-1002	200	25
SMZ-1004	250	30
SMZ-1006	300	40
SMZ-1008	350	50
SMZ-1010	450	60
SMZ-1012	600	75
SMZ-1014	900	125
SMZ-1016	1200	150



CYLINDER KEY

P/N	L mm	□ mm
CYD-1008A	150	8

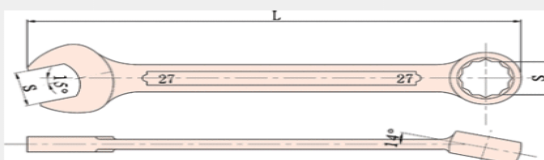


COMBINATION SPANNER

Die forged

P/N	S mm	L mm
SME-6	6	105
SME-7	7	120
SME-8	8	120
SME-9	9	135
SME-10	10	135
SME-11	11	150
SME-12	12	150
SME-13	13	175
SME-14	14	175
SME-15	15	195
SME-16	16	195
SME-17	17	195
SME-18	18	215
SME-19	19	215
SME-20	20	230
SME-21	21	230
SME-22	22	245
SME-23	23	265
SME-24	24	265
SME-25	25	265
SME-26	26	290
SME-27	27	290
SME-30	30	320
SME-32	32	340
SME-34	34	360
SME-35	35	360
SME-36	36	360

P/N	S in	L mm
SMEA-1002	1/4"	105
SMEA-1004	5/16"	120
SMEA-1006	3/8"	135
SMEA-1008	7/16"	150
SMEA-1010	1/2"	175
SMEA-1012	9/16"	175
SMEA-1014	19/32"	195
SMEA-1016	5/8"	195
SMEA-1018	11/16"	195
SMEA-1020	3/4"	215
SMEA-1022	13/16"	230
SMEA-1024	7/8"	245
SMEA-1026	15/16"	265
SMEA-1028	1"	290
SMEA-1030	1-1/16"	290
SMEA-1032	1-1/8"	320
SMEA-1034	1-3/16"	320
SMEA-1036	1-1/4"	340
SMEA-1038	1-5/16"	360
SMEA-1040	1-3/8"	360



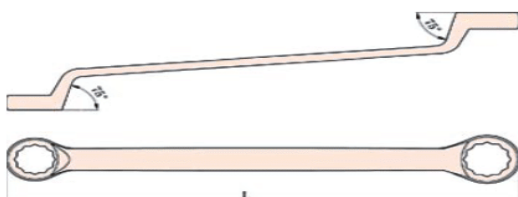


DOUBLE ENDED RING SPANNER

Die forged

P/N	S1*S2 mm	L mm
SOA-0607	6*7	115
SOA-0809	8*9	130
SOA-1011	10*11	140
SOA-1213	12*13	160
SOA-1415	14*15	220
SOA-1617	16*17	220
SOA-1819	18*19	250
SOA-2123	21*23	285
SOA-2427	24*27	340
SOA-2528	25*28	350
SOA-3032	30*32	380
SOA-3236	32*36	405
SOA-3436	34*36	420
SOA-3641	36*41	445
SOA-4146	41*46	470
SOA-4650	46*50	490
SOA-5055	50*55	510
SOA-1258	1/2"BS*5/8"BS	480

(7/16WW*9/16WW)



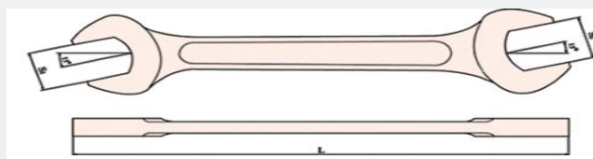
P/N	S1*S2 in	L mm
SOC-1002	1/4"*5/16"	115
SOC-1004	5/16"*3/8"	125
SOC-1006	3/8"*7/16"	140
SOC-1008	7/16"*1/2"	155
SOC-1010	1/2"*9/16"	175
SOC-1012	9/16"*5/8"	215
SOC-1014	5/8"*11/16"	220
SOC-1016	11/16"*3/4"	245
SOC-1018	3/4"*13/16"	255
SOC-1020	13/16"*7/8"	275
SOC-1022	7/8"*15/16"	305
SOC-1024	15/16"*1"	310
SOC-1026	1"*1-1/16"	330
SOC-1028	1-1/16"*1-1/8"	330
SOC-1030	1-1/8"*1-3/16"	370
SOC-1032	1-3/16"*1-1/4"	370
SOC-1034	1-1/4"*1-5/16"	380
SOC-1036	1-5/16"*1-3/8"	410
SOC-1038	1-3/8"*1-7/16"	410
SOC-1040	1-7/16"*1-5/8"	450
SOC-1042	1-1/2"*1-9/16"	460
SOC-1044	1-5/8"*1-13/16"	470
SOC-1046	1-13/16"*2"	490
SOC-1048	2"*2-3/16"	510
SOC-1050	2"*2-3/8"	520
SOC-1052	2-3/16"*2-3/8"	530
SOC-1054	2-3/8"*2-3/4"	560



DOUBLE OPEN ENDED SPANNER

Die forged

P/N	S1*S2 mm	L mm	P/N	S1*S2 in	L mm
SNF-0607	6*7	92	SNG-1002	1/4"*5/16"	90
SNF-0809	8*9	100	SNG-1004	5/16"*3/8"	100
SNF-1011	10*11	115	SNG-1006	3/8"*7/16"	110
SNF-1213	12*13	128	SNG-1008	3/8"*1/2"	115
SNF-1415	14*15	143	SNG-1010	7/16"*1/2"	120
SNF-1617	16*17	157	SNG-1012	1/2"*9/16"	130
SNF-1819	18*19	179	SNG-1014	9/16"*5/8"	150
SNF-2022	20*22	195	SNG-1016	5/8"*11/16"	160
SNF-2123	21*23	200	SNG-1018	5/8"*3/4"	165
SNF-2426	24*26	220	SNG-1020	11/16"*3/4"	170
SNF-2427	24*27	230	SNG-1022	3/4"*13/16"	180
SNF-2528	25*28	236	SNG-1024	3/4"*7/8"	185
SNF-3032	30*32	265	SNG-1026	13/16"*7/8"	190
SNF-3236	32*36	300	SNG-1028	7/8"*15/16"	210
SNF-3436	34*36	300	SNG-1030	15/16"*1"	220
SNF-3638	36*38	330	SNG-1032	1"*1-1/16"	230
SNF-3641	36*41	330	SNG-1034	1-1/16"*1-1/8"	235
SNF-4146	41*46	360	SNG-1036	1-1/8"*1-3/16"	245
SNF-4650	46*50	370	SNG-1038	1-3/16"*1-1/4"	250
SNF-5055	50*55	385	SNG-1040	1-1/4"*1-5/16"	
SNF-1258	1/2"BS*5/8"BS	300	SNG-1042	1-5/16"*1-3/8"	
	(7/16WW*9/16WW)		SNG-1044	1-3/8"*1-7/16"	
			SNG-1046	1-7/16"*1-5/8"	
			SNG-1048	1-1/2"*1-9/16"	
			SNG-1050	1-5/8"*1-13/16"	
			SNG-1052	1-13/16"*2"	
			SNG-1054	2"*2-3/16"	
			SNG-1056	2"*2-3/8"	
			SNG-1058	2-3/16"*2-3/8"	
			SNG-1060	2-3/8"*2-9/16"	



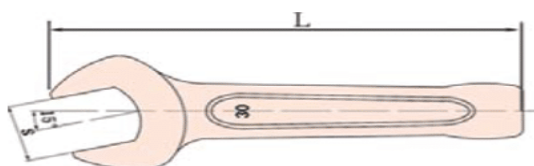


SLOGGING OPEN SPANNER

Die forged

P/N	S mm	L mm
SNA-17	17	125
SNA-19	19	125
SNA-22	22	135
SNA-24	24	150
SNA-27	27	175
SNA-30	30	190
SNA-32	32	190
SNA-34	34	190
SNA-36	36	210
SNA-38	38	210
SNA-41	41	230
SNA-46	46	250
SNA-50	50	275
SNA-55	55	305
SNA-60	60	315
SNA-65	65	335
SNA-70	70	370
SNA-75	75	375
SNA-80	80	400
SNA-85	85	400
SNA-90	90	445
SNA-95	95	445
SNA-100	100	485

P/N	S in	L mm
SNA-1002	3/4"	125
SNA-1004	7/8"	135
SNA-1006	15/16"	150
SNA-1008	1"	175
SNA-1010	1-1/8"	190
SNA-1012	1-1/4"	190
SNA-1014	1-7/16"	210
SNA-1016	1-1/2"	220
SNA-1018	1-5/8"	230
SNA-1020	1-3/4"	250
SNA-1022	1-7/8"	250
SNA-1024	2"	275
SNA-1028	2-1/8"	305
SNA-1030	2-1/4"	315
SNA-1032	2-3/8"	315
SNA-1034	2-1/2"	335
SNA-1036	2-3/4"	370
SNA-1038	3"	375
SNA-1040	3-1/8"	400
SNA-1042	3-1/2"	445
SNA-1044	3-3/4"	445
SNA-1046	4"	485

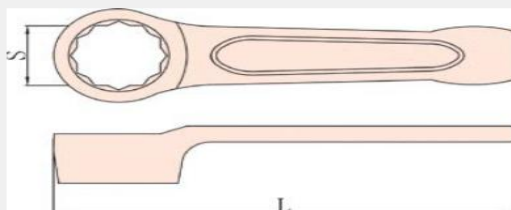




SLOGGING RING SPANNER

Die forged

P/N	S mm	L mm
SPZ-17	17	145
SPZ-19	19	145
SPZ-22	22	155
SPZ-24	24	165
SPZ-27	27	175
SPZ-30	30	185
SPZ-32	32	185
SPZ-34	34	200
SPZ-36	36	205
SPZ-38	38	215
SPZ-41	41	225
SPZ-46	46	235
SPZ-50	50	250
SPZ-55	55	265
SPZ-60	60	274
SPZ-65	65	298
SPZ-70	70	320
SPZ-75	75	326
SPZ-80	80	350
SPZ-85	85	355
SPZ-90	90	380
SPZ-95	95	390
SPZ-100	100	410



P/N	S in	L mm
SPA-1002	11/16"	145
SPA-1004	3/4"	145
SPA-1006	7/8"	155
SPA-1008	1"	175
SPA-1010	1-1/16"	175
SPA-1012	1-1/8"	185
SPA-1014	1-3/16"	185
SPA-1016	1-1/4"	185
SPA-1018	1-3/8"	200
SPA-1020	1-1/2"	215
SPA-1022	1-5/8"	225
SPA-1024	1-3/4"	235
SPA-1026	1-13/16"	235
SPA-1028	2"	250
SPA-1030	2-1/16"	
SPA-1032	2-3/16"	
SPA-1034	2-13/64"	
SPA-1036	2-5/16"	
SPA-1038	2-3/8"	
SPA-1040	2-1/2"	
SPA-1042	2-9/16"	
SPA-1044	2-5/8"	
SPA-1046	2-3/4"	
SPA-1048	2-15/16"	
SPA-1050	3"	
SPA-1052	3-1/16"	
SPA-1054	3-1/8"	
SPA-1056	3-3/8"	
SPA-1058	3-9/16"	
SPA-1060	3-3/4"	
SPA-1062	3-15/16"	
SPA-1064	4-1/8"	

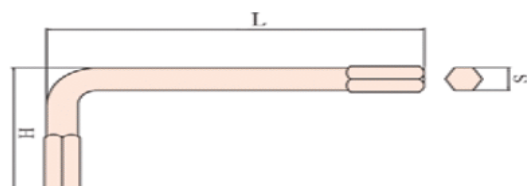


HEX ALLEN KEY

Die forged

P/N	S mm	L mm	H mm
SPF-1.5	1.5	59	25
SPF-2	2	59	25
SPF-2.5	2.5	59	25
SPF-3	3	59	25
SPF-4	4	65	30
SPF-5	5	79	32
SPF-6	6	85	37
SPF-7	7	88	43
SPF-8	8	92	44
SPF-9	9	97	44
SPF-10	10	110	45
SPF-11	11	119	48
SPF-12	12	130	52
SPF-13	13	140	54
SPF-14	14	150	58
SPF-15	15	156	60
SPF-16	16	162	63
SPF-17	17	168	65
SPF-18	18	173	69
SPF-19	19	177	72
SPF-21	21	184	74

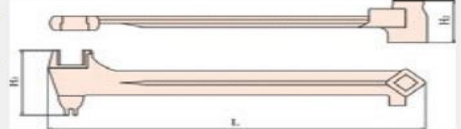
P/N	S inch	L mm	H mm
SPG-1002	1/16"	59	25
SPG-1004	5/64"	59	25
SPG-1006	3/32"	59	25
SPG-1008	7/64"	59	25
SPG-1010	1/8"	65	30
SPG-1012	9/64"	79	32
SPG-1014	5/32"	85	37
SPG-1016	3/16"	88	43
SPG-1018	7/32"	92	44
SPG-1020	1/4"	97	44
SPG-1022	9/32"	110	45
SPG-1024	5/16"	119	48
SPG-1026	11/32"	130	52
SPG-1028	3/8"	140	54
SPG-1030	7/16"	150	58
SPG-1032	1/2"	156	60
SPG-1034	9/16"	162	63
SPG-1036	5/8"	168	65



AMERICAN BUNG WRENCH



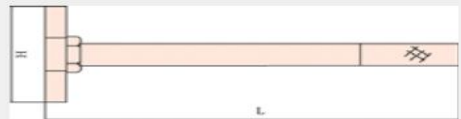
P/N	L mm	H1 mm	H2 mm
SQI-1002	385	93	61



BUNG WRENCH



P/N	L mm	H mm
SQG-1002	300	70



CIRCULAR BUNG WRENCH

Best suited for Indian Customers



P/N	L mm	S1 mm	S2 mm
SQIA-1002	300	38	52



DRUM CUTTER

Q/ZBF-179C Die forged



P/N	Size mm
SQIC-1002	520



DRUM CAP-SEAL CRIMPING TOOL

P/N	□ mm	L mm	Be-Cu g	Al-Br g
SDCS-35	35	390	1320	1150
SDCS-70	70	390	3050	2650



DRUM OPENER PIN TYPE

P/N	S mm	L mm
SQIX-1002A	100	300



DRUM OPENER S-TYPE

P/N	S mm	L mm
SQIY-1002A	73	290

METRO TOOLS

EMAIL-ID: metrotoolsindia@gmail.com

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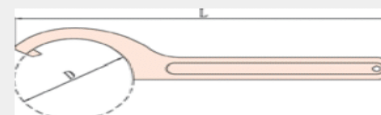
+91 7802042901

HOOK WRENCH

DIN 1810 Die forged



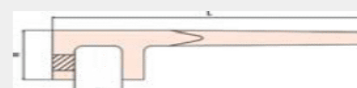
P/N	D mm	L mm
SQC-1002	30-32mm	140
SQC-1004	34-36mm	170
SQC-1006	40-42mm	176
SQC-1008	45-50mm	209
SQC-1010	52-55mm	212
SQC-1012	58-62mm	244
SQC-1014	68-75mm	250
SQC-1016	80-90mm	284
SQC-1018	95-100mm	288
SQC-1020	110-115mm	337
SQC-1022	120-130mm	343
SQC-1024	135-145mm	388



VALVE WRENCH



P/N	S mm	L mm	H mm
SQD-30	30*200mm	200	44
SQD-35	35*250mm	250	49
SQD-40	40*300mm	300	50
SQD-45	45*350mm	350	61
SQD-48	48*375mm	375	62
SQD-50	50*400mm	400	67
SQD-55	55*450mm	450	73
SQD-60	60*500mm	500	79
SQD-65	65*550mm	550	80
SQD-70	70*600mm	600	80
SQD-75	75*650mm	650	85
SQD-80	80*700mm	700	91
SQD-85	85*750mm	750	97
SQD-90	90*800mm	800	103
SQD-93	93*850mm	850	107
SQD-96	96*900mm	900	110
SQD-100	100*1000mm	1000	114
SQD-103	103*1200mm	1200	120





SLEDGE HAMMER

P/N	H g	L mm
SSA-1002	450	310
SSA-1004	1000	400
SSA-1006	1400	400
SSA-1008	1500	400
SSA-1010	1800	400
SSA-1012	2000	400
SSA-1014	2200	400
SSA-1016	2500	700
SSA-1018	2700	700
SSA-1020	3000	700
SSA-1022	3600	700
SSA-1024	4000	900
SSA-1026	4500	900
SSA-1028	5000	900
SSA-1030	5400g	900
SSA-1032	6400g	900
SSA-1034	7200g	900
SSA-1036	8000g	900
SSA-1038	8200g	900
SSA-1040	9100g	900
SSA-1042	9900g	900



BALL PEIN HAMMER

P/N	H g	L mm
SRG-1002	230	280
SRG-1004	340	280
SRG-1006	450	310
SRG-1008	680	340
SRG-1010	910	350
SRG-1012	1130	400

CLAW HAMMER



P/N	H g	L mm
SRE-1002	230g	280
SRE-1004	450g	300
SRE-1006	680g	330
SRE-1008	910g	375

NYLON HAMMER

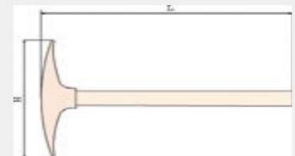


P/N	H g	L mm
SSAE-1002	800g	340
SSAE-1004	1000g	400

RAILROAD PICK AXE



P/N	Size	H mm	L mm
SSD-1002A	1	360	910
SSD-1004A	2	385	910
SSD-1006A	3	410	910
SSD-1008A	4	470	910



FIREMAN AXE

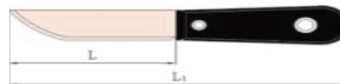


P/N	L mm	H mm	B mm
SSE-1002	340	145	82

COMMON KNIFE



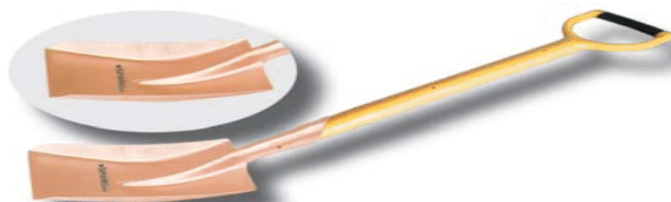
P/N	L mm	L 1 mm
STB-1002	80	185
STB-1004	145	250



PUTTY KNIFE



P/N	K mm	L mm	L 1 mm
STC-1002	25	95	200
STC-1004	40	95	200
STC-1006	50	95	200
STC-1008	65	95	200



SQUARE SHOVEL

P/N	H mm	Kmm
SSH-1002	63	92
SSH-1004	75	111

EDGING SPADE



P/N	H mm	B mm	H1 mm
STAA-1002B	1390	195	260
STAA-1004B	1440	175	340





DECK SCRAPER

Die forged

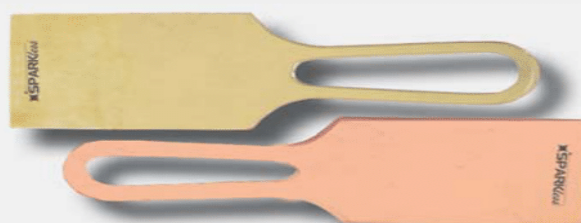
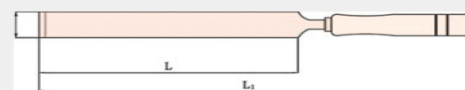
P/N	L mm	B mm
STG-1002	250	39
STG-1004	300	45
STG-1006	350	55



FLAT SCRAPER

Die forged

P/N	L mm	B mm	L1 mm
STF-1002	200	30	325
STF-1004	300	30	430
STF-1006	350	35	490
STF-1008	350	50	500



SPRAY BOOTH SCRAPER

P/N	L mm	B mm
SUA-1002	235	76



SCRAPPER

Q/ZBF-212 Die forged

P/N	L mm	L1 mm	B mm
SUB-1002B	690	90	50
SUB-1004B	705	100	75
SUB-1006B	720	115	100
SUB-1008B	765	150	150

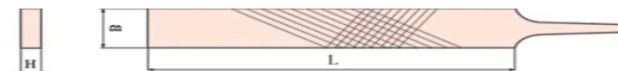


FLAT FILE

Die forged



P/N	L inch	L mm	B mm	H mm
SUG-1002	6	150	16	4
SUG-1004	8	200	21	4.5
SUG-1006	10	250	25	6
SUG-1008	12	300	30	6.5
SUG-1010	14	350	32	8
SUG-1012	16	400	32	9.5

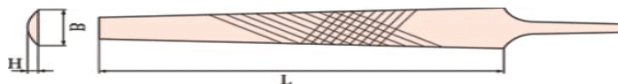


HALF ROUND FILE

Die forged



P/N	L inch	L mm	B mm	H mm
SUH-1002	6	150	22	6
SUH-1004	8	200	23	7
SUH-1006	10	250	26	8
SUH-1008	12	300	28	9
SUH-1010	14	350	30	10
SUH-1012	16	400	30	10



ROUND FILE

Die forged



P/N	L inch	L mm	Φmm
SUI-1002	6	150	6.5
SUI-1004	8	200	7.5
SUI-1006	10	250	8.5
SUI-1008	12	300	9.5
SUI-1010	14	350	10.5
SUI-1012	16	400	10.5



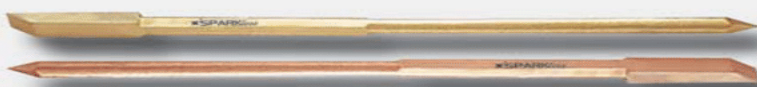
NEEDLE FILE SET



P/N	Type	L mm	Φ mm
SVAA		180	5
		180	5
		180	5
		180	5
		180	5

CROW BAR

Die forged



P/N	L mm	H mm	B mm
SWGC-1002	650	20	23
SWGC-1004	1500	30	25



TRIANGLE FILE

Die forged



P/N	L in	L mm	B mm
SVA-1002	8"	200	12
SVA-1004	10"	250	13
SVA-1006	12"	300	14
SVA-1008	14"	350	14
SVA-1010	16"	400	15
SVA-1012	18"	450	16



SQUARE FILE

Die forged



P/N	L in	L mm	B mm
SVZ-1002	8"	200	8
SVZ-1004	10"	250	10
SVZ-1006	12"	300	11
SVZ-1008	14"	350	12
SVZ-1010	16"	400	13
SVZ-1012	18"	450	14

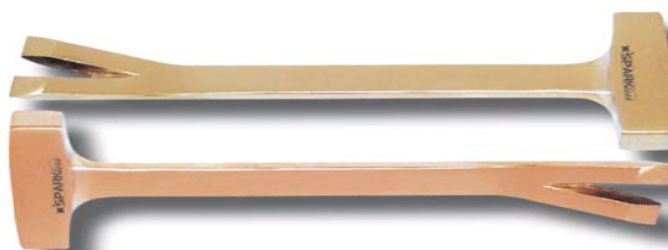




CARBIDE DRUM OPENER

Die forged

P/N	L mm	B mm
SUD-1002	280	53



CRATE OPENER

Die forged

P/N	L mm	H mm
SXA-1002	230	70



PUNCH

Die forged

P/N	Φ mm	$\Phi 1$ mm	L mm
SVCC-1002	5	11	150
SVCC-1004	6	12	150
SVCC-1006	7	13	150
SVCC-1008	8	14	150



HEARING NEEDLE

P/N	L mm	Φ mm
SWHB-1002	180	3

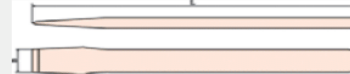




FLAT CHISEL

Die forged

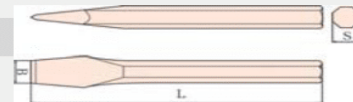
P/N	B mm	L mm
SVEC-1002	22	150
SVEC-1004	22	200
SVEC-1006	24	250
SVEC-1008	25	300
SVEC-1010	27	400



OCTAGONAL CHISEL

Die forged

P/N	L mm	S mm	B mm
SWC-1002	160	14	14
SWC-1004	160	16	16
SWC-1006	180	19	19
SWC-1008	200	19	19
SWC-1010	200	22	22
SWC-1012	250	24	24
SWC-1014	300	24	24
SWC-1016	300	30	30
SWC-1018	400	27	27

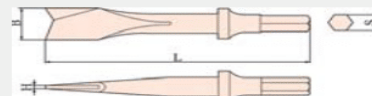


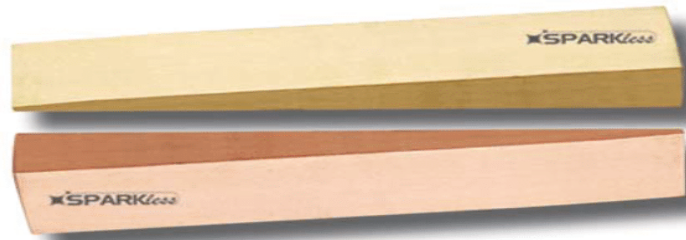
PNEUMATIC CHISEL

Die forged

Best suited for drum barrel cutting.

P/N	S mm	L mm	H mm	B mm
SVI-1002	10	125	2	20
SVI-1004	10	175	2	20





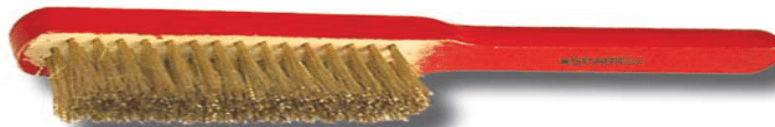
FLANGE WEDGE

Die forged

P/N	L mm	B mm	H mm
SWE-1002	80	13	6
SWE-1004	100	50	10
SWE-1006	135	50	18
SWE-1008	150	40	8
SWE-1010	150	25	8
SWE-1012	150	25	13
SWE-1014	150	50	13
SWE-1016	180	32	13
SWE-1018	180	50	19
SWE-1020	200	20	30
SWE-1022	200	30	30
SWE-1024	200	40	40
SWE-1026	200	50	12
SWE-1028	230	40	20
SWE-1030	250	40	30
SWE-1032	300	50	40



BRUSH



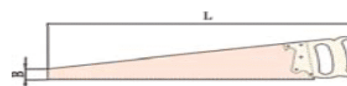
P/N	L*B mm	Rows	H mm
SBE-1002	290*29	4*16	28



HANDSAW



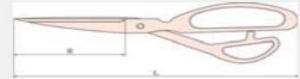
P/N	L mm	B mm
SABA-1002	700	35





SCISSOR

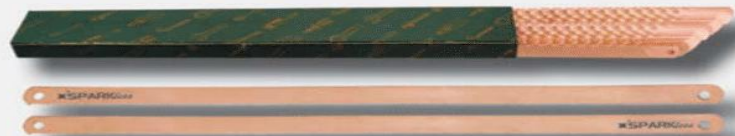
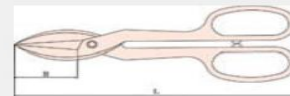
P/N	L inch	L mm	B mm
SXDA-1002	9	225	98



TIN SHEAR

Die forged

P/N	L mm	B mm
SXD-1002	300	75



HACKSAW BLADE

P/N	L mm	B mm
SAA-1002	300	12



HACKSAW FRAME

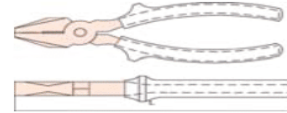
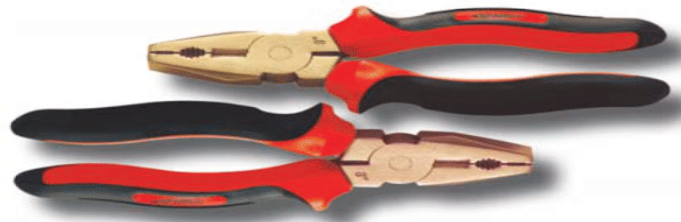
P/N	L mm	D mm	H mm
SAZ-1002	500	300	110



COMBINATION PLIER

Die forged

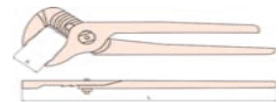
P/N	L inch	L mm
SXF-1002	6	150
SXF-1004	7	175
SXF-1006	8	200
SXF-1008	10	250



GROOVE JOINT PLIER

Die forged

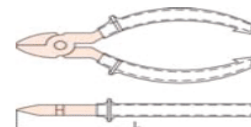
P/N	L inch	L mm	K max mm
SYA-1002	6	150	25
SYA-1004	10	250	45
SYA-1006	12	300	55
SYA-1008	14	350	55



DIAGONAL CUTTING PLIER

Die forged

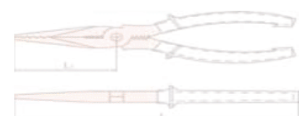
P/N	L inch	L mm
SXH-1002	6	150
SXH-1004	8	200



LONG NOSE PLIER

Die forged

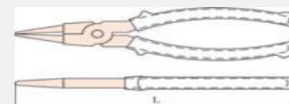
P/N	L inch	L mm	L 1 mm
SYD-1002	6	150	54
SYD-1004	8	200	74



INTERNAL CIRCLIP PLIER

Die forged

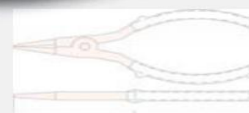
P/N	L inch	L mm
SYF-1002	8	200



EXTERNAL CIRCLIP PLIER

Die forged

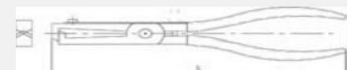
P/N	L inch	L mm
SYG-1002	8	200



WIRE STRIPPING PLIER

Die forged

P/N	L inch	L mm
SYF-1002	8	200



GAS PLIER

P/N	L mm
SXEA-1002	200

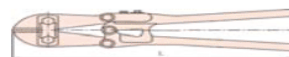




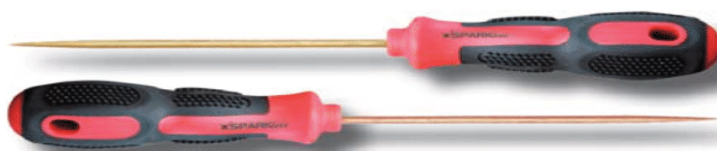
BOLT CUTTER

Die forged

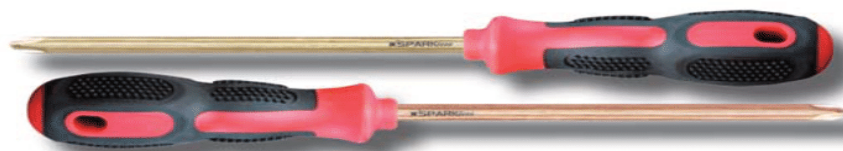
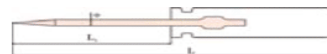
P/N	L mm	D mm
SYGA-1002A	600	6
SYGA-1004A	900	8



AWL

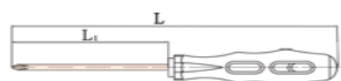


P/N	L1 mm	Φ mm	L mm
SZI-1002B	100	3	184



PHILLIPS SCREWDRIVER

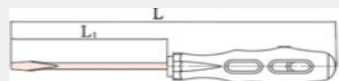
P/N	L1 inch	size	L1 mm	L mm	Φ mm
SZA-1002	2	0	50	134	3
SZA-1004	3	1	75	159	4
SZA-1006	4	1	100	205	5
SZA-1008	5	2	125	240	6
SZA-1010	6	2	150	265	6
SZA-1012	8	3	200	327	8
SZA-1014	10	3	250	377	8
SZA-1016	12	4	300	427	9
SZA-1018	14	4	350	477	9
SZA-1020	16	4	400	550	9
SZA-1022	18	4	450	600	9





SLOTTED SCREWDRIVER

P/N	L1 inch	L1 mm	L mm	H mm	B mm
SZZ-1002	2	50	134	0.4	3
SZZ-1004	2	50	134	0.5	4.5
SZZ-1006	3	75	159	0.4	3
SZZ-1008	3	75	159	0.5	4
SZZ-1010	3	75	180	0.6	5
SZZ-1012	4	100	184	0.5	4
SZZ-1014	4	100	205	0.6	5
SZZ-1016	4	100	215	0.8	6
SZZ-1018	5	125	240	0.8	6
SZZ-1020	6	150	265	0.8	6
SZZ-1022	6	150	265	1	7
SZZ-1024	6	150	277	1.2	8
SZZ-1026	8	200	327	1.2	8
SZZ-1028	10	250	377	1.4	9
SZZ-1030	10	250	377	2	11
SZZ-1032	12	300	427	1.8	10
SZZ-1034	12	300	427	2	11
SZZ-1036	14	350	477	2	11
SZZ-1038	16	400	550	2.4	12



METRO TOOLS

EMAIL-ID: metrotoolsindia@gmail.com

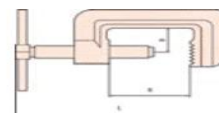
MOBILE NO: +91 9224121200

+91 7802042901

CLAMP

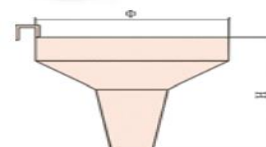
Die forged

P/N	L mm	K mm	B mm
SAD-1002	210	60	36
SAD-1004	250	80	36
SAD-1006	290	100	36
SAD-1008	340	150	50



OIL FUNNEL

P/N	Φ mm	H mm
SAH-1002A	169	130
SAH-1004A	160	150



BUCKET

P/N	Size L	H mm
SBAB-1002A	10	250
SBAB-1004A	15	280



FEELER GAUGE

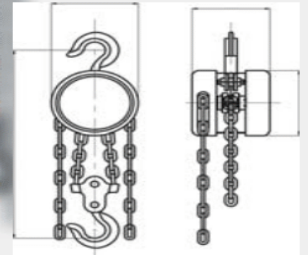
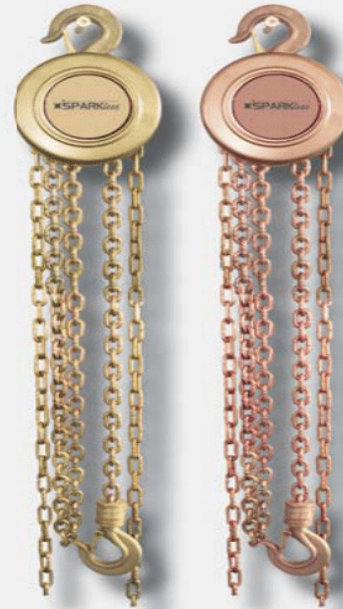
P/N	Size mm
SEI-1002	0.05-1.0



CHAIN HOIST

Die forged

P/N	Capacity T	Lifting m
SDH-1002	0.5	2.5
SDH-1004	1	2.5
SDH-1005	2	2.5
SDH-1006	2	2.5
SDH-1008	3	3
SDH-1010	5	3
SDH-1012	10	3
SDH-1014	16	3



EMERGENCY TOOLKIT OISD 117



P/N	CONTENTS	MEASUREMENTS
STKA02/ STKB02	Shoe handle brush	4" x 6"
	Crate opener	9"
	Claw hammer with fiberglass handle	910 g
	Common knife	5 3/4" Blade 10 3/4" OAL
	Groove Joint Plier	12"
	Long nose pliers with cutters	7"
	Combination Pliers	8"
	Deck scraper	1-1/2" Blade
	Spray booth scraper	3" blade x 9 1/4" long
	Std Screwdriver	5/16" Tip 6" Blade
	Phillips Screwdriver	3"
	Tin Snips	12"
	Adjustable Wrench	8"
	Adjustable Wrench	12"
	Pipe Wrench With Aluminum Handle	14"
	Bung Wrench (Fits 3/4" x 2")	12"



TOOL SET - 26 PCS

P/N	CONTENTS	MEASUREMENTS
TKI26	Flat Chisel	18x200 mm
	Adjustable Wrench	150 mm
	Diagonal Plier	200 mm
	Combination Plier	200 mm
	Nose Plier	150 mm
	Phillips Screwdriver	150 mm, 200 mm
	Slotted Screwdriver	150 mm, 200 mm
	Socket 1/2" Dr	8 mm, 10 mm, 12 mm, 14 mm, 17 mm
	Sliding T Handle	1/2", 250 mm
	Hammer	0.15g
	Combination Wrench	8 mm, 10 mm, 12 mm, 14 mm, 17 mm
	Hex Allen Key	4 mm, 5 mm, 6 mm, 8 mm, 10 mm

Emergency ToolKit IOCL

per IOCL CO/HSE/8A/31 Rev-0

P/N	CONTENTS	MEASUREMENTS
STKA01/ STKB01	Crate Opener	230x70mm
	Claw Hammer	450g
	Common Knife	250mm
	Groove Joint Pliers	300mm
	Long Nose Pliers	150mm
	Combination Pliers	200mm
	Deck Scraper	40x250mm
	Scraper	50x690mm
	Scraper	75x705mm
	Scraper	150x765mm
	Spray Booth Scraper	76x235mm
	Flat Screwdriver	8x200mm
	Phillips Screwdriver	3:8x200mm
	Cutting Shears	300x75mm
	Adjustable Wrench 8"	24x200mm
	Adjustable Wrench 12"	36x300mm
	Pipe Wrench 14"	50X350 mm
	Bung Wrench	70x300mm
	Flange Wedges	200x30x30mm
	Set of box spanner with ratchet upto 20mm	



21 PCS TOOLKIT

P/N	CONTENTS	MEASUREMENTS
TKI21A	Flat Chisel	22*150mm
	Adj Wrench	18*150mm
	Combination Plier	8"
	Long Nose Plier	8"
	Philips Screwdriver	150mm
	Screwdriver	150*8mm
	Screwdriver	200*8mm
	Combination Wrench	8mm
	Combination Wrench	10mm
	Combination Wrench	12mm
	Combination Wrench	14mm
	Combination Wrench	17mm
	Allen Key	4mm
	Allen Key	5mm
	Allen Key	6mm
	Allen Key	8mm
	Allen Key	10mm
	Ball Pein Hammer	230g
	Flat Scraper	30*200mm
	Drum Opener (Bung Wrench)	385mm
	ToolBox/ToolBag	

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