

**BOMBAY
TOOLS** YOUR
INDUSTRIAL
PARTNER



INSULA[®]
Insulated Tools for Electrical Safety

GET SAFE

INDUSTRIAL SAFETY EQUIPMENT

OUR TOOLS ARE TESTED UNDER



IMPACT TEST

There are two tests carried out: The first test is performed at an ambient of $-25 \pm 3^{\circ}\text{C}$ (the tools lay in a cold chamber for 2 hours), if with C marked test need to be done by $-40 \pm 3^{\circ}\text{C}$ and is carried out 120 seconds after the tools have been removed from the chamber. The second test is carried out at ambient temperature of $23 \pm 5^{\circ}\text{C}$. The hammer is allowed to fall freely on three different places of the insulated material. The test piece is acceptable if the handle is not cracked, broken or does not show signs of faking. This test can be compared to a fall of the tool from a height of 0.6m at a temperature of -25°C and a fall from a height of 2m at room temperature.



ELECTRICAL TEST

Before testing, the tools are immersed in a bath of water at room temperature of 24 hours (± 0.5 hours). The test pieces are acceptable if there is no electrical discharge, spark over or flashover, during the 3 minutes of testing at a voltage of 10 KV.



STAMP TEST

The indenter, loaded with a weight of 20N and a voltage of 5 KV, is applied to the centre of the handle. The test is successful if the test piece subsequently passes the electrical test.

INSULATION TEST

Before testing the test piece is heated to $70^{\circ}\text{C} \pm 3^{\circ}\text{C}$ for 168 hours. The hanger is loaded with weights (500N), wrenches and sockets sets with weights (100N). The duration of test is 3 minutes after the test piece has been removed from heat. The test piece is acceptable if the handle remains firmly attached to the conducting part after 3 minutes of testing.



FLAME RETARDANCY TEST

The flame is applied to the test piece for 10 seconds. The test piece is acceptable if the height of the flame on the burning handle does not exceed 120mm in an observation period of 20 seconds after the burner has been removed.



VDE

The VDE Testing and Certification Institute is a nationally and internationally accredited institution in the field of testing and certification of electrical engineering devices, components and systems. These electrical products are tested for safety, electromagnetic compatibility and other product properties.



VDE - GS MARK

Technical working equipment and consumable materials subject to the applicable device and product safety laws bear the VDE-GS mark, which stands for the safety of the product with regard to electrical, mechanical, thermal, toxicological, radiological and other dangers. In addition, tools with the VDE-GS mark conform to the VDE regulations or European or internationally harmonised standards, i.e. they confirm the compliance with the safety requirements of the respective guidelines.



DOUBLE TRIANGLE AND VOLTAGE RANGE

If insulated tools or aids are marked with the symbol of the double triangle and the assigned voltage or voltage range specification or the class, they are suitable for working on energised parts at the stated voltage.





IEC 60900

An international standard which, among other things, describes the design of insulated tools in detail. For example, the thickness of the protective insulation is specified. In addition, the standard defines individual tests (piece tests) as well as series and random sample tests for checking the electrical safety of the protective insulation.

SCREWDRIVER



INSULATED SLOTTED SCREWDRIVER (-)



		A	B	CxD	L	PN
0.4	2.5	2.5	75	95x25	170	IC0204
0.5	3.0	3.0	100	95x25	195	IC0205
0.6	3.5	3.5	100	95x25	195	IC0206
0.8	4.0	4.0	100	105x30	205	IC0208
1.0	5.5	5.5	125	115x35	240	IC0210
1.2	6.5	6.5	150	115x35	265	IC0212


INSULATED SLIM TYPE SLOTTED SCREWDRIVER (-)



		A	B	CxD	L	PN
0.5	3.0	3.0	100	95x25	195	IC0305
0.6	3.5	3.5	100	95x25	195	IC0306
0.8	4.0	4.0	100	105x30	205	IC0308
1.0	5.5	5.5	125	115x35	240	IC0310
1.2	6.5	6.5	150	115x35	265	IC0312


INSULATED PHILLIPS SCREWDRIVER



	A	B	CxD	L	PN
PH0	3.0	60	95x25	155	IC0400
PH1	5.0	80	105x30	185	IC0401
PH2	6.0	100	115x35	215	IC0402
PH3	8.0	150	118x41	268	IC0403

INSULATED SLIM TYPE PHILLIPS SCREWDRIVER



	A	B	CxD	L	PN
PH1	5.0	80	105x30	185	IC0501
PH2	6.0	100	115x35	215	IC0502
PH3	8.0	150	118x41	268	IC0503

INSULATED POZI SCREWDRIVER



☼	A	B	CxD	L	PN
PZ0	3.0	60	95x25	155	IC0403
PZ1	5.0	80	105x30	185	IC0601
PZ2	6.0	100	115x35	215	IC0602
PZ3	8.0	150	118x41	268	IC0603

INSULATED TX SCREWDRIVER



☼	A	B	CxD	L	PN
T10	3.0	70	95x25	165	IC0810
T15	4.0	80	105x30	185	IC0815
T20	4.0	100	105x30	205	IC0820
T25	5.0	125	115x35	230	IC0825
T25	6.0	130	115x35	245	IC0830

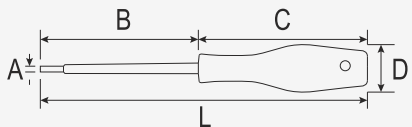
INSULATED NUT SCREWDRIVER



●	A	B	E	CxD	L	PN
6.0	7.2	125	31	105x30	230	IC1206
7.0	7.2	125	31	105x30	230	IC1207
8.0	7.2	125	31	105x30	230	IC1208
9.0	7.2	125	31	105x30	230	IC1209
10.0	7.2	125	31	105x30	230	IC1210
11.0	8.1	125	31	118x41	243	IC1211
12.0	8.1	125	31	118x41	243	IC1212
13.0	8.1	125	31	118x41	243	IC1213
14.0	8.1	125	31	118x41	243	IC1214






1000V



12PC INSULATED CHANGEABLE SCREWDRIVER SET



	Content			PN
⊖	0.4x2.0x100	0.4x2.5x100		
	0.5x3.0x100	0.6x3.5x100	0.8x4.0x100	
	1.0x5.5x100	1.2x6.5x100		IC3212
+	PH0x100	PH1x100	PH2x100	
	Voltage Tester: 3.0x70			
	Handle: 31x105			
	   1000V			



50PC INSULATED CHANGEABLE SCREWDRIVER SET



	Content					PN
⊖	0.4x2.0x100	0.4x2.5x100	0.5x3.0x100			
	0.6x3.5x100	0.8x4.0x100	1.0x5.5x100	1.2x6.5x100		
+	PH0x100	PH1x100	PH2x100			
+	PZ0x100	PZ1x100	PZ2x100			
⊛	T6x100	T8x100	T9x100	T10x100	T15x100	T20x100
	T25x100	T27x100	T30x100			
○	H2.5x100	H3.0x100	H4.0x100	H5.0x100	H6.0x100	
□	R1x100	R2x100				IC3450
⊙	TRI 1x100	TRI 2x100	TRI 3x100	TRI 4x100		
+	TORO 4x100	TORO 6x100	TORO 8x100	TORO 10x100		
⊙	M4x4.0x100	M5x5.0x100	M6x5.0x100			
⊙	4x100	6x100	8x100	10x100		
⊙	M4x4.0x100	M5x5.0x100	M6x5.0x100			
⊙	6.3x89	8.1x89				
⊙	89					
⊙	89					
	Voltage Tester: 3.0x70					
	Handle: 31x105					
	   1000V					

PLIER



INSULATED COMBINATION PLIER

mm			PN
160	2.0	1.6	DA0116
200	2.5	2.2	DA0120

   1000V





INSULATED SNIPE NOSE SIDE CUTTING PLIER

mm			PN
160	2.0	1.6	DA0316
200	2.4	2.0	DA0320



INSULATED CURVED NOSE CUTTING PLIER

mm			PN
160	2.0	1.6	DA0516
200	2.4	2.0	DA0520



INSULATED DIAGONAL CUTTING PLIER

mm			PN
160	2.0	1.6	DA0716

   1000V



INSULATED HEAVY DUTY DIAGONAL CUTTING PLIER

mm			PN
180	2.0	1.6	DA0718

   1000V



INSULATED WIRE STRIPPER

mm	mm	 mm ²	PN
160	5.0	10.0	DA1316




INSULATED WATER PUMP PLIER

mm	mm (Max)	PN
300	35	DA1530



INSULATED CABLE SHEAR


mm	 mm	mm ²	PN
250	250	80	IA1825



 1000V



INSULATED RATCHETING CABLE CUTTER

 mm (Max)	mm ² (Max)	PN
32	240	IA2024
52	380	IA2038



INSULATED PLASTIC CLAMP

mm	PN
200	IF1020



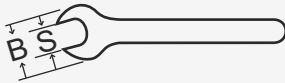
WRENCH

INSULATED OPEN WRENCH



S	A	B	L	PN
6	7.0	22	90	DD0106
7	7.0	24	90	DD0107
8	7.5	25.5	100	DD0108
9	7.5	27.5	100	DD0109
10	8.0	29	110	DD0110
11	8.5	31	110	DD0111
12	8.5	33	130	DD0112
13	10.5	34	135	DD0113
14	10.5	37	145	DD0114
15	11.5	40	150	DD0115
16	11.5	42	160	DD0116
17	12.0	44	160	DD0117
18	12.0	44.5	175	DD0118
19	12.5	48	175	DD0119
21	12.5	51	195	DD0121
22	13.0	54	195	DD0122
24	13.5	56	225	DD0124
27	14.8	61	250	DD0127
30	14.8	66	290	DD0130
32	15.8	70	310	DD0132

1000V



20 PCS INSULATED OPEN WRENCH TOOL KIT

6mm, 7mm, 8mm, 9mm, 10mm, 11mm,
12mm, 13mm, 14mm, 15mm, 16mm,
17mm, 18mm, 19mm, 21mm, 24mm,
27mm, 30mm, 32mm



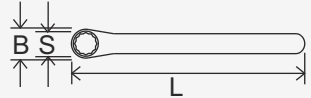
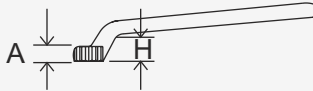
INSULATED RING WRENCH



S	A	B	L	PN
6	7.0	22	90	DD0306
7	7.0	24	90	DD0307
8	7.5	25.5	100	DD0308
9	7.5	27.5	100	DD0309
10	8.0	29	110	DD0310
11	8.5	31	110	DD0311
12	8.5	33	130	DD0312
13	10.5	34	135	DD0313
14	10.5	37	145	DD0314
15	11.5	40	150	DD0315
16	11.5	42	160	DD0316
17	12.0	44	160	DD0317
18	12.0	44.5	175	DD0318
19	12.5	48	175	DD0319
21	12.5	51	195	DD0321
22	13.0	54	195	DD0322
24	13.5	56	225	DD0324
27	14.8	61	250	DD0327
30	14.8	66	290	DD0330
32	15.8	70	310	DD0332



1000V



20 PCS INSULATED RING WRENCH TOOL SET

6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 24mm, 27mm, 30mm, 32mm



INSULATED ADJUSTABLE WRENCH



mm	S(Max)mm	PN
200	24	DD0520
250	28	DD0525
300	32	DD0530



INSULATED ALLEN KEY



mm	⬡I (mm)	PN
130	3	DD2503
140	4	DD2504
160	5	DD2505
180	6	DD2506
200	8	DD2508
235	10	DD2510
260	12	DD2512

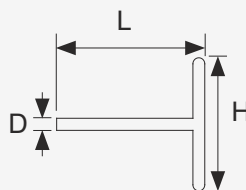
1000V

INSULATED HEX KEY T-TYPE WITH BALL END



⬡I	D	L	H	PN
3	15	150	95	ID0703
4	15	150	95	ID0704
5	15	150	95	ID0705
6	15	150	95	ID0706
8	15	150	95	ID0708

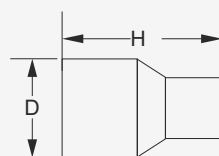
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SOCKETS & ACCESSORIES

INSULATED SOCKET

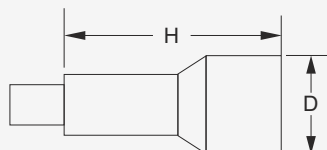
□	mm	D	H	PN
3/8"	08	10	54	DD1508
	10	18.7	54	DD1510
	11	20.0	54	DD1511
	12	21.2	54	DD1512
	13	22.3	54	DD1513
	14	23.7	54	DD1514
	16	26.4	54	DD1516
	17	26.7	54	DD1517
	18	28.7	54	DD1518
	19	29.0	54	DD1519
	21	31.0	54	DD1521
	22	33.0	54	DD1522
1/2"	10	18.7	54	DD1310
	11	20.0	54	DD1311
	12	21.2	54	DD1312
	13	22.3	54	DD1313
	14	23.7	54	DD1314
	16	26.4	54	DD1316
	17	26.7	54	DD1317
	18	28.7	54	DD1318
	19	29.0	54	DD1319
	21	31.0	54	DD1321
	22	33.0	54	DD1322
	24	35.3	54	DD1324
27	40.0	54	DD1327	
30	43.1	54	DD1330	
32	45.1	54	DD1332	



 1000V

INSULATED ALLEN SOCKET

□	mm	D	PN
3/8"	120	4	DD1904
	120	5	DD1905
	120	6	DD1906
	120	8	DD1908
1/2"	120	4	DD1704
	120	5	DD1705
	120	6	DD1706
	120	8	DD1708
	120	10	DD1710





INSULATED RATCHET WRENCH

□	mm	PN
3/8"	200	DD2138
1/2"	250	DD2112





INSULATED EXTENSION BAR

	mm	PN
3/8"	125	DD2303
	250	DD2304
1/2"	125	DD2301
	250	DD2302



INSULATED L- HANDLE

	mm	PN
1/2"	270	DD2812



INSULATED T- HANDLE

	mm	H	PN
3/8"	200	155	DD1138
1/2"	200	155	DD1112

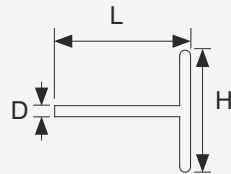


INSULATED SOCKET WRENCH

Hex	D	L	H	PN
8	15.0	200	145	DD0908
10	19.5	300	145	DD0920
12	22.0	300	145	DD0922
13	23.5	300	145	DD0923
14	24.5	300	145	DD0924
16	27.0	300	145	DD0926
17	28.5	300	145	DD0927
18	29.5	300	145	DD0928
19	31.0	300	145	DD0929



⚡ 1000V



INSULATED TORQUE WRENCH

	N.m	PN
3/8"	5-25	ID2008
	10-50	ID2012
	20-100	ID2016
1/2"	10-50	ID3012
	20-100	ID3016
	40-200	ID3020



KNIFE

INSULATED CABLE KNIFE (STRAIGHT)

mm	D	PN
180	50	IE0418



INSULATED DISMANTLING KNIFE (SEMICIRCLE)

mm	D	PN
155	28	IE0616



INSULATED DISMANTLING KNIFE (LONG HOOK)

mm	D	PN
180	50	IE1018



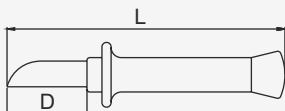
INSULATED CABLE KNIFE (GUARD)

mm	D	PN
180	50	IE1218



INSULATED DISMANTLING KNIFE

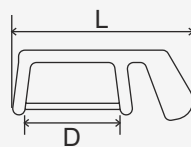
mm	D	PN
155	38	IE1416



ACCESSORIES

INSULATED HACKSAW FRAME

D	L	PN
150	300	IE0230



INSULATED MALLET

mm	Φ mm	Wt/ kg	PN
315	30	0.6	IG1030



INSULATED TWEEZER

mm	PN
130	IF0213



INSULATED GLOVES



TOOL SETS



25PC INSULATED TOOLKIT

Content	mm	PN
Insulated Combination Plier	200	
Insulated Diagonal Plier	160	
6Pcs Insulated Screwdriver	PH: PH0x60, PH1x80, PH2x100 SL: 0.6X3.5X100, 0.8X4.0X100	IH0825
Insulated Cable Knife(Straight)	1.0X5.5X125	
Insulated Cable Knife(Semicircle)	50x180	
7Pcs 1/2" Insulated Sockets	28x155	
7Pcs 1/2" Insulated Open End Wrench	10, 11, 12, 13, 14, 17, 19	
1/2" Insulated T-Handle	10, 11, 12, 13, 14, 17, 19	



31PC INSULATED TOOLKIT

Content	mm	PN
Insulated Combination Plier	200	
Insulated Diagonal Plier	160	
6Pcs Insulated Screwdriver	PH: PH0x60, PH1x80, PH2x100 SL: 0.6X3.5X100, 0.8X4.0X100	IH0831
Insulated Cable Knife(Straight)	1.0X5.5X125	
Insulated Cable Knife(Semicircle)	50x180	
7Pcs 1/2" Insulated Sockets	28x155	
7Pcs 1/2" Insulated Open End Wrench	10, 11, 12, 13, 14, 17, 19	
1/2" Insulated T-Handle	10, 11, 12, 13, 14, 17, 19	
Insulated Allen Key	3, 4, 5, 6, 8, 10	



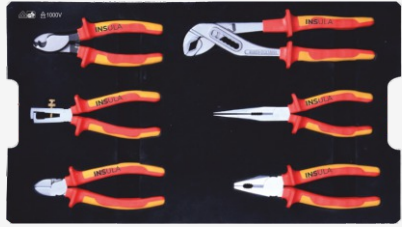
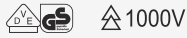
52PC INSULATED TOOL SET

Content	PN
A Tray	
B Tray	IH1852
C Tray	
D Tray	



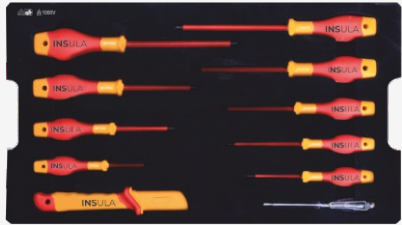
INSULATED A TRAY

Content	PN
6 pcs Pliers	
7" Combination Pliers	
8" Long Nose Pliers	
6" Diagonal Cutter	IH1946
6" Stripping Pliers	
10" Water Pump Pliers	
6" Cable Cutter	



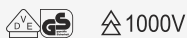
INSULATED B TRAY

Content	PN
11 pcs Screwdrivers, Knife & Tester	
PH0X60, PH1X80, PH2X100, PH3X150	
2.5x75mm, 3x100mm, 4x100mm, 5.5x125mm, 6.5x150mm	IH1947
Straight Knife	
Voltage Tester	



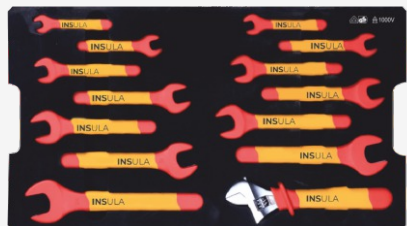
INSULATED C TRAY

Content	PN
21 pcs 1/2" Sockets and Accessory	
Sockets Bits: 4, 5, 6, 8mm	
Sockets: 10/ 11/ 12/ 13/ 14/ 16/ 17/ 18/ 19/ 21/ 22/ 24/ 27	IH1948
Extension Bar 5" & 10"	
T Handle	
Ratchet Handle	



INSULATED D TRAY

Content	PN
14 pcs Open Wrenches and Adjustable Wrenches	
Open Wrench: 8/ 9/ 10/ 11/ 12/ 13/ 14/ 15/ 16/ 17/ 18/ 19/ 22/ 24	IH1949
8" Adjustable Wrench	



OUR PRODUCT VERTICALS

GET SAFE

INDUSTRIAL SAFETY EQUIPMENT

MEASURE UP

MEASURING EQUIPMENT FOR INDUSTRIAL NEEDS

TOOL IT

TOOLS FOR ASSEMBLY, OPERATION & MAINTENANCE

Authorised Partner/ Retailer

BOMBAY TOOLS



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