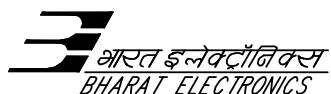


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Technical Specifications

DOC TYPE
TS

PART NUMBER

3130 162 301 65

ESD-SAFE SCREWDRIVER SET



		VERSION 00	SH No. 1	PREPD. Shreyas G	DATE 02.09.2024
00	ORIGINAL	HELD IN CO2	No. Of SH 1	APPRD. Pavithra K	DATE 02.09.2024
Version	CH. No.				

Specifications of ESD-SAFE SCREWDRIVER SET



IMAGE FOR ILLUSTRATION PURPOSE ONLY



#	Parameter	Specification
1	Screwdriver Type	ESD
2	Tip Type	Phillips, Slotted
3	Set Contents	Phillips  : PH000 x 50, PH00 x 50, PH0 x 50, PH1 x 50 Slotted  : 1.5 x 50, 2.0 x 50, 2.5 x 50, 3.0 x 50
4	Quantity	1no. each type (Total 8 types)
5	Handle Material	Polypropylene (PP) / Thermoplastic Rubber (TPR)
6	Surface resistance of Handle	$10^9 - 10^{10} \Omega$
7	Blade Material	8660
8	Blade Finish	Nickel chromed, phosphonium manganese
9	Tip Size	PH000, PH00, PH0, PH1, SL1.5, SL2.0, SL2.5, SL3.0
10	Rotating Cap	For precise turning & control with fingertip
11	Packing	Electro-static shield box for protection against static charges

Prepared	Approved
Shreyas G	Pavithra K
SE (HMC&RF-Assembly)	Mgr (HMC&RF-Production)

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Technical Specifications

DOC TYPE
TS

PART NUMBER
3130 840 401 49

**CRIMPING TOOL, MOLEX
20-30 AWG**

		VERSION 00	SH No. 1	PREPD. Shreyas G	DATE 13.09.2024
00	ORIGINAL	HELD IN CO2	No. Of SH 1	APPRD. Pavithra K	DATE 13.09.2024
Version	CH. No.				

Specifications of Crimping Tool, MOLEX 20-30 AWG



#	Parameter	Specification
1	Tool Type	Premium Grade Ergonomic Hand Crimp Tool for both right & left handed operations.
2	MPN	63819-0000
3	Suitable Crimp Terminal	Micro-Fit 3.0
4	Suitable for Wire Gauge	20-30 AWG
5	Warranty	Minimum 2 years

Prepared	Approved
Shreyas G	Pavithra K
SE (HMC&RF- Assembly)	Mgr (HMC&RF- Production)

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TITLE : WIRE STRIPPER, HAND, AUTOMATIC.

OLD NUMBER : T 2237

1. METHOD OF DESIGNATION

Quote short title, Cutting Range (AWG), the 12-digit part number consisting of the 7-digit standard number followed by the 5-digit number shown against the required item in Table-1.

Examples:

HAND STRIPPER AUTOMATIC 10-12AWG	3145 014 003 66
REPL BLADES PAIR 10-22AWG	3145 014 001 72

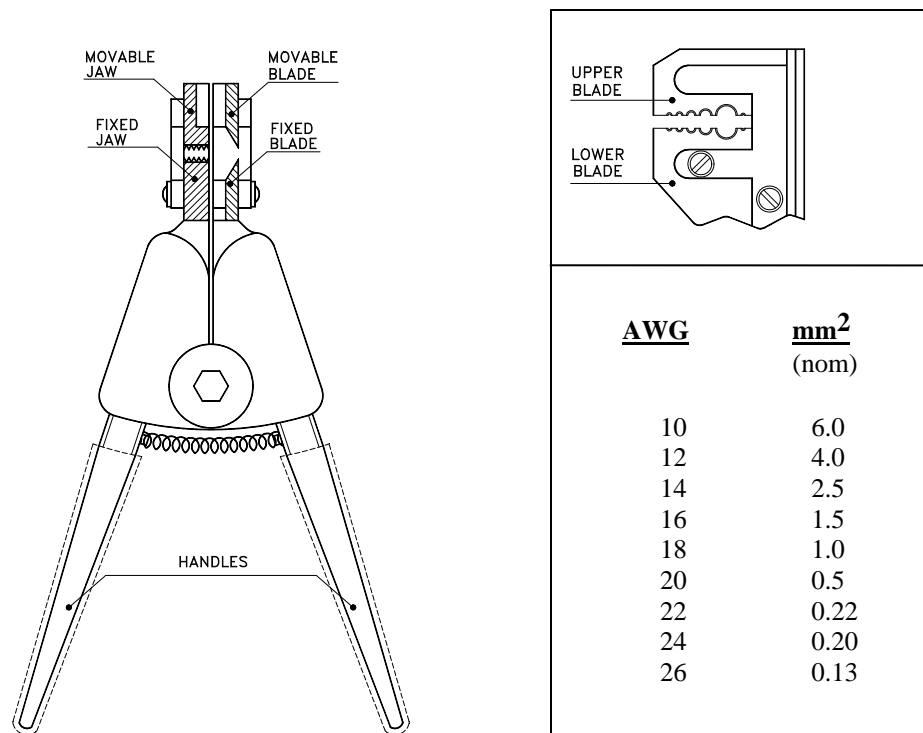


FIGURE-1 : WIRE STRIPPER, HAND, AUTOMATIC

TABLE-1

ITEM	PART NO. 3145 014
HAND STRIPPER AUTOMATIC 10-22 AWG	003 66
# REPL BLADES PAIR 10-22 AWG	001 72
HAND STRIPPER AUTOMATIC 16-26 AWG	004 63
# REPL BLADES PAIR 16-26 AWG	002 69

TO BE PROCURED IN PAIRS (TOP & BOTTOM) - See Figure-1.

The changes in the standard are highlighted in Blue colour and vertical line on their right margin.

TITLE : **WIRE STRIPPER, HAND, AUTOMATIC.**

2. **REQUIREMENTS**

2.1 Wire Stripper, Hand, Automatic & Replacement Blades Pair (Top & Bottom) ordered as per **3145 014** shall meet the requirements of this standard.

2.2 **Governing Specification** : Not Applicable.

2.3 The wire stripper shall consist of top & bottom gripper jaws, top & bottom form-ground cutting blades, frame and handles as shown in Figure-1.

2.4 The jaws of the stripper shall open automatically so that the wire can be removed without crushing the ends. The jaws shall have serrations for effectively gripping the wire. The stripping blades (top & bottom) shall have form-ground holes (semicircular cutting notches) of different AWG sizes as ordered and they shall penetrate into the insulation of the wires like knives giving a clear cut. The frame shall be die-cast aluminium. The handles shall have plastic grips for convenience of handling of the tool. The tool shall be capable of stripping the insulation of the wires without nicking, cutting or fraying.

2.5 **Dimensions and Tolerances** : Dimensions and Tolerances shall be as per Figure-1 and Table-1.

2.6 **Marking & Packing** - The wire stripper shall be marked with the manufacturer's name/trademark and the type number. The blades shall be marked with the AWG sizes in its capacity range. The tool shall be packed suitably to avoid damage during transit, storage & handling.

3. **APPLICATION**

The Wire Stripper, Hand, Automatic covered by the standard has wire insulation stripping blades with form-ground hole-like cutting edges which penetrate into the insulation giving a clean cut. The jaws hold the wire central along the axis of the cutter cavity selected. The tool is suitable for stripping insulation (PVC, PTFE, etc) of lighter gauge wires, automotive wires, instrument wires & cables, PVC hook-up wires, telephone or fixture wires, etc.

The changes in the standard are highlighted in Blue colour and vertical line on their right margin.