

TBHD1M (MS25441-1) Remote Crimping Head



The TBHD1M Remote Hydraulic Crimp Head delivers the die force necessary to crimp large conductors and is a welcome solution where hand crimping is not acceptable.

The 12 tons of crimp force and accepts the HD002 (MS23002), HD485 (MS90485), HD442 (MS25442) and Boeing ST 2354 Die combinations. In some cases the tool can be used as a hand-held crimper, but the tool weight (9.6 lbs) and force means mounting it in a stationary position with a bench mount (BM-2A) is the preferred mode of operation.

The recommended hydraulic pump is the versatile **HPU11M** air powered pump.

Other Specifications that apply to the TBHD1M are the following:

- Crimp force: 12.0 tons (107kN)
- Length: 10.0 inches (254 mm)
- Width: 6.0 inches (152.4 mm)
- Weight: 9.6 pounds (6.9 kg)

HPU11-PG In-Line Hydraulic Pressure Gauge (not shown) is also available from DMC to install into the hydraulic line to monitor the hydraulic pressure. The gauge can be mounted at the tool (remote crimp head) or at the **HPU11M** output fitting. This is recommended for cycle control monitoring.

| DESCRIPTION | PART NO. | MIL DIE P/N * |
|---|----------|---------------|
| Manual Hydraulic Tool | HH80C | |
| Remote Crimp Head (Requires 10,000 PSI Hydraulic Pump) | TBHD1M | MS25441-1 |
| Air to Hydraulic Pump | HPU11M | |
| Replacement Hose Assembly (10 Ft. Length) | 12-4040 | MS25441-3 |
| In-Line Pressure Gauge | HPU11-PG | |

*Qualified to M5259/1 Large Gage Crimp Tool Specification

DMC offers several pump options that offer economical, efficient, reliable methods to power crimp applications requiring 10,000 psi. The powered pumps are: an AC electric pump (p/n **HPU14M & HPU14M-230**), and a pneumatic powered pump (p/n **HPU11M**). Two portable manual pumps: a hand pump (p/n **HPU12M**) and a foot pump (p/n **HPU15M**). All pumps come with a heavy duty, ten-foot long hose and couplings (equipped with screw on MS fittings and dust covers) to complete the connection between pump and crimper (p/n **12-4040**).



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| MS23002 Dies & Gages for MS25036 Insulated Copper Terminals | | | | |
|---|----------|------------------------|----------------|--------------|
| MIL DIE P/N * | DMC P/N | COMMENTS | MIL Gage P/N * | DMC GAGE P/N |
| MS23002-8 | HD002-8 | For Insulated Size 8 | MS23003-8 | G723 |
| MS23002-6 | HD002-6 | For Insulated Size 6 | MS23003-6 | G724 |
| MS23002-4 | HD002-4 | For Insulated Size 4 | MS23003-4 | G725 |
| MS23002-2 | HD002-2 | For Insulated Size 2 | MS23003-2 | G281 |
| MS23002-1 | HD002-1 | For Insulated Size 1 | MS23003-1 | G726 |
| MS23002-01 | HD002-01 | For Insulated Size 1/0 | MS23003-01 | G727 |
| MS23002-02 | HD002-02 | For Insulated Size 2/0 | MS23003-02 | G728 |
| MS23002-03 | HD002-03 | For Insulated Size 3/0 | MS23003-03 | G282 |
| MS23002-04 | HD002-04 | For Insulated Size 4/0 | MS23003-04 | G729 |



| MS90485 Dies & Gages for MS20659 Uninsulated Copper Terminals | | | | |
|---|----------|--------------------------|----------------|--------------|
| MIL DIE P/N* | DMC P/N | COMMENTS | MIL Gage P/N * | DMC GAGE P/N |
| MS90485-8 | HD485-8 | For Uninsulated Size 8 | MS90486-8 | G720 |
| MS90485-6 | HD485-6 | For Uninsulated Size 6 | MS90486-6 | G721 |
| MS90485-4 | HD485-4 | For Uninsulated Size 4 | MS90486-4 | G722 |
| MS90485-2 | HD485-2 | For Uninsulated Size 2 | MS90486-2 | G833 |
| MS90485-1 | HD485-1 | For Uninsulated Size 1 | MS90486-1 | G834 |
| MS90485-01 | HD485-01 | For Uninsulated Size 1/0 | MS90486-01 | G835 |
| MS90485-02 | HD485-02 | For Uninsulated Size 2/0 | MS90486-02 | G836 |
| MS90485-03 | HD485-03 | For Uninsulated Size 3/0 | MS90486-03 | G837 |
| MS90485-04 | HD485-04 | For Uninsulated Size 4/0 | MS90486-04 | G838 |



| MS25442 Dies & Gages for AS70991 Uninsulated Aluminum Terminals | | | | |
|---|-----------|--------------------------|----------------|--------------|
| MIL DIE P/N * | DMC P/N | COMMENTS | MIL Gage P/N * | DMC GAGE P/N |
| MS25442-8A | HD442-8A | For Uninsulated Size 8 | MS25472-1 | G1129 |
| MS25442-6A | HD442-6A | For Uninsulated Size 6 | MS25472-2 | G1130 |
| MS25442-4A | HD442-4A | For Uninsulated Size 4 | MS25472-3 | G1131 |
| MS25442-2A | HD442-2A | For Uninsulated Size 2 | MS25472-4 | G1132 |
| MS25442-1A | HD442-1A | For Uninsulated Size 1 | MS25472-5 | G1133 |
| MS25442-01A | HD442-01A | For Uninsulated Size 1/0 | MS25472-6 | G1134 |
| MS25442-02A | HD442-02A | For Uninsulated Size 2/0 | MS25472-7 | G1135 |
| MS25442-03A | HD442-03A | For Uninsulated Size 3/0 | MS25472-8 | G1136 |
| MS25442-04A | HD442-04A | For Uninsulated Size 4/0 | MS25472-9 | G1137 |



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