

TOOLING GUIDE FOR AS7928 MIL-SPEC TERMINALS 8 THROUGH 4/0 AWG (Class 1)

Terminal Specs							DMC MIL Qualified Tool/Die Options					
Terminal/Splice Part Number	AWG	Wire Size mm	Stud Size	Insulation Dia. in. (mm)	Sleeve Color	HD51 AS259/5-01 (Hex Crimp)	XHD51 AS259/4-01 (Hex Crimp)	HD51 AS259/5-01 (Indent Crimp)	XHD51 AS259/4-01 (Indent Crimp)	HH80C AS259/3-01 (Hex Crimp)	TBHD1M AS259/1-01 (Hex Crimp)	
MS20659-107 through -124, -129 through -137, 140 through -160, Sizes 8 to 4/0 AWG	#8	6.64 - 10.5	10	Uninsulated	--	HD51-163 Die, MS259/7-001	HD51-163 Die, MS259/7-001	HD51-114N Die, MS259/7-010	HD51-114N Die, MS259/7-010	HD485-8 Die, MS90485-8	HD485-8 Die, MS90485-8	
			5/16	Uninsulated	--							
			3/8	Uninsulated	--							

Terminal Specs							DMC MIL Qualified Tool/Die Options					
Terminal/Splice Part Number	AWG	Wire Size mm	Stud Size	Insulation Dia. in. (mm)	Sleeve Color	HD51 AS259/5-01	XHD51 AS259/4-01	HH80C AS259/3-01	TBHD1M AS259/1-01			
MS25036-115 through -141	#8	6.64 - 10.5	10	.290 (7.55)	Red	HD51-105 Die, MS259/7-016	HD51-105 Die, MS259/7-016	HD002-8 Die, MS23002-8	HD002-8 Die, MS23002-8			
			1/4									
			5/16									

AS5259 to DMC Part Numbers

AS SPEC #	Description	DMC P/N
AS5259	Basic Spec	--
AS5259/1	Remote tool 8 to 0000 (MS25441-1)	TBHD1M
AS5259/2-01	10 Foot Hose / with Couplers	12-4040
AS5259/2-02	10,000 psi Hand Pump	HPU12M
AS5259/2-03	10,000 psi Foot Pump	HPU15M
AS5259/2-04	10,000 psi DC Battery Pump	HPU13M
AS5259/2-05	10,000 psi 110VAC AC Electric Pump	HPU14M
AS5259/2-06	10,000 psi Air/Oil Pump (compressed air)	HPU11M
AS5259/3	Hand operated tool 8 to 00	HH80C
AS5259/4	Remote tool 8 to 2 (insulated) & 00 (uninsulated)	XHD51
AS5259/5	Hand operated tool 8 to 2 (insulated) & 00 (uninsulated)	HD51
AS5259/6	Inspection gages	Various, contact DMC
AS5259/7 (MS Listings)	HD002 (MS23002), HD442 (MS25442), & HD485 (MS90485) Dies for AS5259/1 & /3 Tools	Various, contact DMC
AS5259/7-001 through /7-019	HD51-xxx Series Dies for AS5259/4 & /5 Tools	Various, contact DMC

HPU11M (AS5259/2-06) **HPU15M (AS5259/2-03)**

HPU14M (AS5259/2-05)

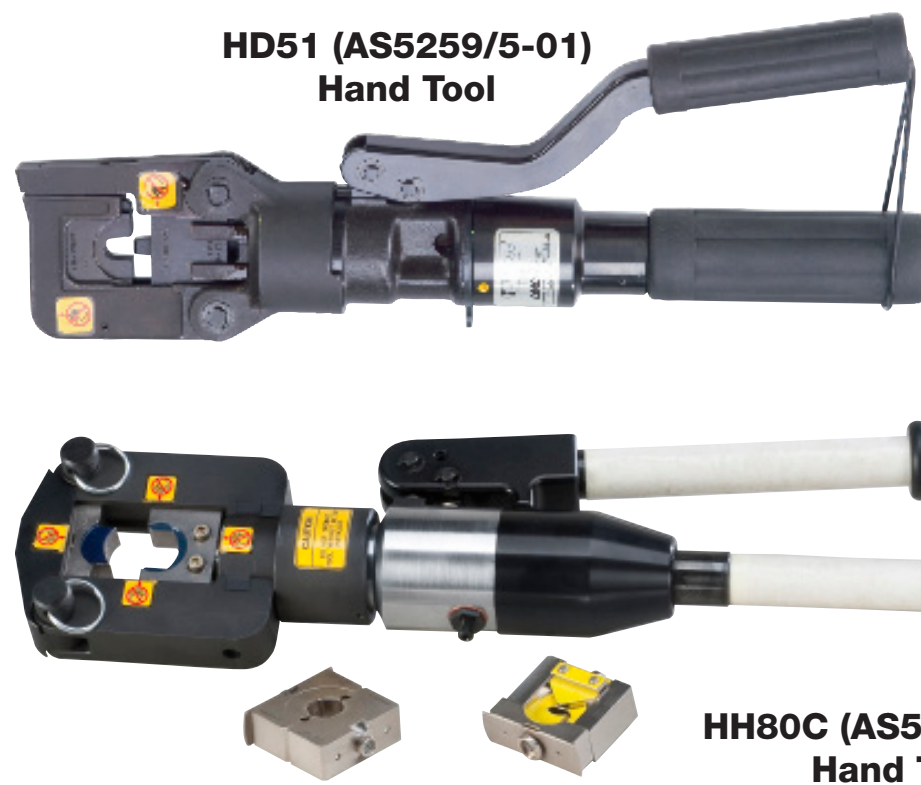
HPU13M (AS5259/2-04) **HPU12M (AS5259/2-02)**

AS5259/6 Inspection Gages

AS5259/7-001 through /7-019: HD51-xxx Series Dies for AS5259/4 & /5 Tools **AS5259/7: HD002 (MS23002), HD442 (MS25442), & HD485 (MS90485) Dies for AS5259/1 & /3 Tools**

Tools and Dies for Crimping Terminals and Splices

DMC has several die configurations for crimping terminals and splices. AWG size is one determining factor, but each die configuration has a designated tool series. The hand tool is the basis of each tool series and suitable for the low volume of prototype or repair work. For higher volume production and overhaul situations, a tool series might include pneumatic tools, hydraulic tools, battery hydraulic tools, or electric hydraulic tools.



Wire Stripping for Terminals and Splices

Wire strip length and configuration is important to the success of a termination. Guidelines for particular components being terminated should be followed carefully. For additional information on stripping wire for terminals and splices, contact DMC.



MS25435-1 through -31, Sizes 8 to 4/0 AWG (AS70991 - Terminals for Aluminum Wire)

Type: Class 1 Uninsulated Terminals, Straight Type, for Aluminum Aircraft Wire
Terminal Body: Wrought Aluminum, Plating: Tin

Terminal Specs							DMC MIL Qualified Tool/Die Options					
Terminal/Splice Part Number	AWG	Wire Size mm	Stud Size	Insulation Dia. in. (mm)	Sleeve Color	HD51 AS259/5-01	XHD51 AS259/4-01	HH80C AS259/3-01	TBHD1M AS259/1-01			
AS25435-1	#8	6.64 - 10.5	10	Uninsulated	--	--	--	--	--			
			1/4	Uninsulated	--	--	--	--				
			5/16	Uninsulated	--	--	--	--				
			3/8	Uninsulated	--	--	--	--				

