

# HBB AWG CRIMPING GUIDE

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## ASSEMBLY INSTRUCTIONS

DO NOT DISCARD, DELIVER TO MANUFACTURING.  
NO DESECHE, ENTREFA A LA FEBRICACION.  
INSTRUCTIONS DE MONTAGE, NE PAS JETER.  
BITTE NICHT WE WERFEN, BITTE AN DIE PRODUCTION.



## 1. PRODUCT INFORMATION

P.N.	Stranding	Cable		
		Manufacturer	Cable Type	AWG
HBB-950-10-70-A	Standard Cable	Allied Wire & Cable	EP150-2/0	2/0
HBB-950-10-50-A	Standard Cable	Allied Wire & Cable	EP150-1/0	1/0
HBB-950-8-35-A	Standard Cable	Allied Wire & Cable	EP150-2	2
HBB-950-8-35-A	Fine Cable	Champlain Cable	EXRAD-XLX2X	2
HBB-950-10-50-A	Fine Cable	Champlain Cable	EXRAD-XLX1/OX	1/0

## 2. CRIMP EQUIPMENT & TOOLING

### PRESS EQUIPMENT

Press equipment should be set up and operated per Daniels Manufacturing literature

P.N.	Description	Manufacturer
BM-2A	Adjustable Base Mount	Daniels Manufacturing Corporation
TBHD1M	Hydraulic Head Assembly	
HPU11M	Air Power Hydraulic Pump	

BM-2A



TBHD1M



HPU11M



CRIMP DIE SETS BY CONTACT TYPE

Lugs		Stranding		AWG	Cable P.N.		DMC Die Set #
HBB-950-10-70-A	HBB-950-8-70-A	Standard		2/0	EP150-2/0		HD12-108
HBB-950-10-50-A	HBB-950-8-50-A	Standard	Fine	1/0	EP150-1/0	EXRAD-XLX1/0X	HD12-106
HBB-950-10-35-A	HBB-950-8-35-A	Standard	Fine	2	EP150-2	EXRAD-XLX2X	HD12-104

Socket		Stranding		AWG	Cable P.N.		DMC Die Set #
HBB-315-G		Standard		2/0	EP150-2/0		HD12-108
HBB-320-R	HBB-315-B	Standard	Fine	1/0	EP150-1/0	EXRAD-XLX1/0X	HD12-106
HBB-320-J		Standard	Fine	2	EP150-2	EXRAD-XLX2X	HD12-104

Pin		Stranding		AWG	Cable P.N.		DMC Die Set #
HBB-311-1000		Standard		2/0	EP150-2/0		HD12-108
HBB-319-0100	HBB-311-1000	Standard	Fine	1/0	EP150-1/0	EXRAD-XLX1/0X	HD12-106
HBB-319-0850		Standard	Fine	2	EP150-2	EXRAD-XLX2X	HD12-104

### 3. CRIMPING PROCEDURE *(Caution: please wear safety glasses)*

#### 3.1 CABLE STRIPPING

3.1.1 Strip cable insulation down a minimum of 25mm per IPC-620R



3.1.2 Insert stripped end of cable into crimp barrel of contact. Make certain that conductive core is fully inserted into barrel



- 3.1.3** Insert crimp barrel into Die Set. Make sure that die set fully engages the crimp barrel.



- 3.1.4** Apply pressure via hydraulic pump per Daniels Manufacturing Corporation operating instructions.



- 3.1.5 Observe crimp to ensure that the edge of the crimp is within the edge of the contact crimp barrel as indicated below





# SMITHS CONNECTORS

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## GLOBAL SUPPORT

### AMERICAS

Costa Mesa, CA	1.714.371.1100
Hudson, MA	1.978.568.0451
Kansas City, KS	1.913.342.5544

### EUROPE

France	33.2.32969176
Germany	49.991.250120
Italy	39.010.60361
United Kingdom	44.208.236.2400

### ASIA

Shanghai, China	86.21.3318.4650
Suzhou, China	86.512.6273.1188
Singapore	65.6846.1655