

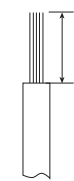



PIN & SOCKET CRIMP CONTACTS

		PIN CONTACT		SOCKET CONTACT		WIRE STRIP LENGTHS	WIRE RANGE	
								
CONTACT SIZE	WIRE SIZE	PART NUMBER				WIRE STRIP LENGTHS INCHES (MM)	WIRE SEALING RANGE INCHES (MM)	
		PIN CONTACT		SOCKET CONTACT				
		SILVER	GOLD	SILVER	GOLD			
<b>16S<sup>†</sup></b>	16-18-20	<b>AIC16S-16P</b>	<b>AIC16S-16PG</b>	<b>AIC16S-16S</b>	<b>AIC16S-16SG</b>	-	.312 (7.9)	.090 - .118 (2.3-3.0)
	12-14	AIC16S-12P	AIC16S-12PG	AIC16S-12S	AIC16S-12SG	C4		
	14-16	AIC16S-14P	AIC16S-14PG	AIC16S-14S	AIC16S-14SG	C3		
	18-20	AIC16S-20P	AIC16S-20PG	AIC16S-20S	AIC16S-20SG	C13		
	20-22	AIC16S-22P	AIC16S-22PG	AIC16S-22S	AIC16S-22SG	C14		
	22-24	AIC16S-24P	AIC16S-24PG	AIC16S-24S	AIC16S-24SG	C2		
<b>16</b>	16-18-20	<b>AIC16-16P</b>	<b>AIC16-16PG</b>	<b>AIC16-16S</b>	<b>AIC16-16SG</b>	-		
	12-14	AIC16-12P	AIC16-12PG	AIC16-12S	AIC16-12SG	C4		
	14-16	AIC16-14P	AIC16-14PG	AIC16-14S	AIC16-14SG	C3		
	18-20	AIC16-18P	AIC16-18PG	AIC16-18S	AIC16-18SG	C13		
	20-22	AIC16-20P	AIC16-20PG	AIC16-20S	AIC16-20SG	C14		
	20-24	AIC16-2024P	AIC16-2024PG	AIC16-2024S	AIC16-2024SG	C36		
	22-24	AIC16-22P	AIC16-22PG	AIC16-22S	AIC16-22SG	C2		
<b>12</b>	12-14	<b>AIC12-12P</b>	<b>AIC12-12PG</b>	<b>AIC12-12S</b>	<b>AIC12-12SG</b>	-	.312 (7.9)	.126 - .177 (3.2-4.5)
	12 High-Power	-	-	AIC12-12SRAD	-	-		
	8-10	AIC12-8P	AIC12-8PG	AIC12-8S	AIC12-8SG	C5		
	10-12	AIC12-10P	AIC12-10PG	AIC12-10S	AIC12-10SG	C8		
	14-16	AIC12-14P	AIC12-14PG	AIC12-14S	AIC12-14SG	C9		
	16-18	AIC12-16P	AIC12-16PG	AIC12-16S	AIC12-16SG	C7		
	18-20	AIC12-18P	AIC12-18PG	AIC12-18S	AIC12-18SG	C6		
	20-22	AIC12-20P	AIC12-20PG	AIC12-20S	AIC12-20SG	C40		
<b>8</b>	8	<b>AIC8-8P</b>	<b>AIC8-8PG</b>	<b>AIC8-8S</b>	<b>AIC8-8SG</b>	-	.563 (14.3)	.150 - .256 (3.8-6.5)
	8 High-Power	-	-	AIC8-8SRAD	-	-		
	10-12	AIC8-10P	AIC8-10PG	AIC8-10S	AIC8-10SG	C10		
	12-14	AIC8-12P	AIC8-12PG	AIC8-12S	AIC8-12SG	C38		
<b>4</b>	4	<b>AIC4-4P</b>	<b>AIC4-4PG</b>	<b>AIC4-4S</b>	<b>AIC4-4SG</b>	-	.500 (12.7)	.279 - .366 (7.1 - 9.3)
	4 High-Power	-	-	AIC4-4SRAD	-	-		
	8	AIC4-8P	AIC4-8PG	AIC4-8S	AIC4-8SG	C15		
<b>0</b>	0	<b>AIC0-0P</b>	<b>AIC0-0PG</b>	<b>AIC0-0S</b>	<b>AIC0-0SG</b>	-	.750 (19.0)	.394 - .539 (10.0 - 13.7)
	0 High-Power	-	-	AIC0-0SRAD	-	-		
	0-2	AIC0-2P	AIC0-2PG	AIC0-2S	AIC0-2SG	C11		
	4	AIC0-4P	AIC0-4PG	AIC0-4S	AIC0-4SG	C12		

**Bolded** items are standard crimp contacts.

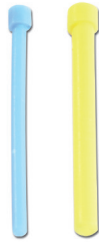





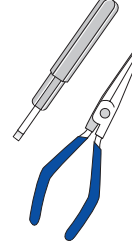

SOLDER THERMOCOUPLE CONTACTS			
	TYPE	PINS	SOCKETS
<b>16S<sup>†</sup></b>	Alumel	10-040799-02P*	10-040799-02S*
	Chromel	10-040799-01P*	10-040799-01S*
	Iron	10-040799-03P*	10-040799-03S*
	Constantan	10-040799-04P*	10-040799-04S*
<b>16</b>	Alumel	10-040799-12P*	10-040799-12S*
	Chromel	10-040799-11P*	10-040799-11S*
	Iron	10-040799-13P*	10-040799-13S*
	Constantan	10-040799-14P*	10-040799-14S*

SOLDER THERMOCOUPLE CONTACTS			
	TYPE	PINS	SOCKETS
<b>12</b>	Alumel	10-040799-42P*	10-040799-42S*
	Chromel	10-040799-41P*	10-040799-41S*
	Iron	10-040799-43P*	10-040799-43S*
	Constantan	10-040799-44P*	10-040799-44S*

**Thermocouple Types:** **J** = Iron-Constantan      **K** = Alumel-Chromel  
**T** = Copper-Constantan      **E** = Chromel-Constantan

\*Contact us for availability



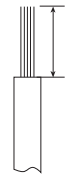


† 16S contacts are used in 8S, 10S, 10SL, 12S, 14S and 16S connector sizes only.

ACCESSORIES		TOOLS						
								
CONTACT SIZE	WIRE HOLE FILLER COLOR	CRIMP TOOLS	CRIMP LOCATOR & DIE SETS	LOCATOR COLOR	PILOT PIN/INSERTION GUIDE FOR SOCKETS	INSERTION TOOL	EXTRACTION TOOL	
<b>16S†</b>	MS27488-16-3 (Blue)	AF8-(hand) WA27F-(pneumatic) ††	TH29-1	Red	10-242758-016	DAK168-16	DRK59 Kit with Multiple Tips	
<b>16</b>				Pin-Blue Socket- Green				
<b>12</b>				Green				10-242758-012
<b>8</b>	MS27488-8-3 (Red)	400BHD	<b>Die Set</b> 414DA-8N <b>Locator</b> 4025-Pin 4026-Socket	-	10-242758-008	DAK282		
<b>4</b>	MS27488-4-3 (Blue)		<b>Die Set</b> 414DA-4N <b>Locator</b> 4043-2	-	-	AIC4INS		AIC4EXT
<b>0</b>	MS27488-0-3 (Yellow)		<b>Die Set</b> 414DA-0N <b>Locator</b> 4042	-	-	AIC0INS		AIC0EXT

†† Contact us for additional tool accessories.

PIN & SOCKET COAX CONTACTS

5015 - AMPHENOL AIB/GT SERIES MIL-DTL-5015

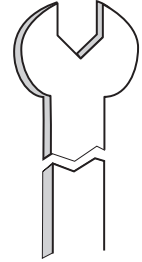
		PIN CONTACT		SOCKET CONTACT		WIRE STRIP LENGTH	WIRE RANGE	ACCESSORIES	
									
COAX CONTACT SIZE	COAX WIRE SIZE	PART NUMBER				WIRE STRIP LENGTHS INCHES (mm)	WIRE SEALING RANGE INCHES (mm)		WIRE HOLE FILLER
		PINS		SOCKETS			MIN.	MAX.	
		SILVER	GOLD	SILVER	GOLD				
<b>12</b>	RG161/U RG174A/U RG179B/U RG187A/U RG188A/U RG316/U	21-33034-1	21-33014-21 21-33048-1(1) 21-33130-1(1)	21-33033-1	21-33013-21 21-33047-1(1) 21-33129-1(1)	Contact us for details	0.126 (3.2)	0.177 (4.5)	Yellow 10-405996-12
	RG178B/U RG196A/U	-	21-33014-22	-	21-33013-22				
<b>8</b>	RG58C/U RG141A/U RG303/U	21-33034-2(1)	21-33014-1(5) 21-33016-5(3) 21-33130-2(2)	21-33033-2(1) 21-33048-2(1)	21-33013-1(5) 21-33047-2(1) 21-33015-5(3) 21-33129-2(2)	Contact us for details	0.150 (3.8)	0.256 (6.5)	White 10-405996-8
	RG59B/U RG62A/U RG62B/U RG210/U	21-33034-5(1)	21-33014-5(5) 21-33016-2(3) 21-33130-5(1) 21-33064-21(1)	21-33033-5(1)	21-33013-5(5) 21-33015-2(3) 21-33129-3(1) 21-33063-21(1)				
	RG161/U RG174A/U RG179B/U RG187A/U RG188A/U RG316/U	21-33034-3(1)	21-33014-3(5) 21-33016-1(3) 21-33130-3(1) 21-33064-20(1)	21-33033-3(1)	21-33013-3(5) 21-33015-1(3) 21-33129-3(1) 21-33063-20(1)				
	RG180B/U RG195A/U	21-33034-6	21-33014-6(5) 21-33048-3(1) 21-33130-6(1)	21-33033-6	21-33013-6(1) 21-33047-3(1) 21-33129-6(1)				
	RG140/U RG302/U	21-33034-8	21-33014-8(5) 21-33033-8(1) 21-33130-8(1)	21-33033-8	21-33013-8(5) 21-33129-8(1)				
	RG55B/U RG142A/U RG142B/U RG223/U	21-33034-4	21-33014-5(5) 21-33130-4(1)	21-33033-4	21-33013-5(5) 21-33129-4(1)				
<b>4</b>	RG59B/U RG62A/U RG62B/U RG210/U		21-33060-10(1)		21-33059-10(1)	Contact us for details	0.279 (7.1)	0.366 (9.3)	Blue 10-405996-4
	RG212/U	-	21-33060-11(1)	-	21-33059-11(1)				
	RG55B/U RG142A/U RG142B/U RG223/U		31-33060-12(1)		21-33059-12(1)				

( ) Various platings available. Availability of coax contacts varies widely. Contact us for details.  
All dimensions in inches (millimeters in parenthesis)

TOOLS



Crimp Dies



COAX CONTACT SIZE	COAX WIRE SIZE	HAND-CRIMP TOOL	CRIMP DIES	USE LOCATOR	COAX CLAMP NUT WRENCH
12	RG161/U RG174A/U RG179B/U RG187A/U RG188A/U RG316/U	M22520/10-01	M22520/10-05	A	11-8676-1
	RG178B/U RG196A/U			B	
8	RG58C/U RG141A/U RG303/U	M22520/10-01	M22520/10-07	B	11-8676-2
	RG59B/U RG62A/U RG62B/U RG210/U	M22520/5-01	M22520/5-45	B	11-8676-3
	RG161/U RG174A/U RG179B/U RG187A/U RG188A/U RG316/U	M22520/10-01	M22520/10-05	A	11-8676-2
	RG180B/U RG195A/U			B	
	RG140/U RG302/U		M22520/10-07	A	
	RG55B/U RG142A/U RG142B/U RG223/U				
	4	RG59B/U RG62A/U RG62B/U RG210/U	M22520/5-01	M22520/5-45	B
RG212/U		M22520/5-01	M22520/5-39	A	
RG55B/U RG142A/U RG142B/U RG223/U		M22520/10-01	M22520/10-07	A	

All dimensions in inches (millimeters in parenthesis)

### TG70 STRAP WRENCH

The strap wrench is used to connect or disconnect coupling nuts in a confined space, or to tighten or loosen endbells without damaging the connector plating. A strap wrench also increases torque, allowing you to more easily mate or unmate a connector pair. Substitute tools, such as a pipe wrench or pliers, should never be used because of the high probability of severe damage to the connector plating or the coupling mechanism.



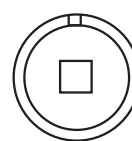
### TG69P NON-MARRING ADJUSTABLE ENDBELL PLIERS FOR FIELD SERVICE

The TG69P pliers have resilient jaws and are used to tighten or remove endbells without damaging the connector plating. The pliers are adjustable and will accommodate all of the connector sizes in this catalog. Substitute tools, such as a pipe wrench or metal jaw pliers, should never be used due to the high probability of severe damage to the connector plating. Replacement jaws, Part No. G77015, are available.

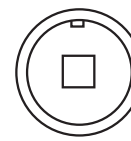


The 600 Series is a complete system for the proper assembly and torquing of connector endbells. The system includes a bench-mounted or hand-held torque wrench, plug and receptacle holders, and a range of endbell tightening tools. When used together, these tools provide the user with consistent endbell installations. Each item is shipped with detailed assembly instructions.

### Plug and Receptacle Holders



600B005-R



600B005-P



**600-007**  
Bench-mounted torque wrench



**600-004**  
Hand-held torque wrench

SIZE	MIL-DTL-5015	
	FOR AIT/MS & AIB/GT	
	RECEPTACLES	PLUGS
8/8S	600B005-8R	600B005-8P
10S/SL	600B005-10R	600B005-10P
12/12S	600B005-12R	600B005-12P
14/14S	600B005-14R	600B005-14P
16/16S	600B005-16R	600B005-16P
18	600B005-18R	600B005-18P
20	600B005-20R	600B005-20P
22	600B005-22R	600B005-22P
24	600B005-24R	600B005-24P
28	600B005-28R	600B005-28P
32	600B005-32R	600B005-32P
36	600B005-36R	600B005-36P

### TORQUE VALUES

**IMPORTANT NOTE:**

If barrel/shell has three threads or less, torque to 30 to 35 inch/Lbs (3.4 to 4.0 NM) per L-725-2.

SIZE	IN./LB. MAX.
10SL	26
14S	44
16	50
16S	50
18	55
20	65
22	85
24	90
28	114
32	120
36	153
40	170

ROTATIONS	
PIN	SOCKET
W = G	W = H
X = I	X = J
Y = K	Y = L
Z = M	Z = N