



INTRO CORPORATION

Integrity, Value and Quality since 1976

BACC45FM ORDERING GUIDE



BACC45FM

*Connector, Electrical,
Receptacle, Flange Mount
Threaded Coupling*

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BACC45FM

CONNECTOR, ELECTRICAL, RECEPTACLE, FLANGE MOUNT, THREADED COUPLING



CODING

FIRST VARIABLE AFTER BASIC NUMBER DESIGNATES SHELL SIZE. (SEE TABLE I).

SECOND VARIABLE DESIGNATES CABLE CLAMP CONFIGURATION AS FOLLOWS:

- = NO CABLE CLAMP.
- A = BACC10GH STRAIGHT SINGLE LEG CLAMP.
- B = MS27559 RIGHT ANGLE SADDLE CLAMP.
- C = MS27291 STRAIGHT SADDLE CLAMP.
- D = BACC10JC RIGHT ANGLE SINGLE LEG CLAMP.
- E = BACC10JS STRAIGHT SINGLE LEG COMPOSITE CLAMP.

THIRD VARIABLE DESIGNATES INSERT ARRANGEMENT (SEE TABLE IV).

FOURTH VARIABLE DESIGNATES CONTACT STYLE AS FOLLOWS:

- P = PIN CONTACTS.
- S = SOCKET CONTACTS.

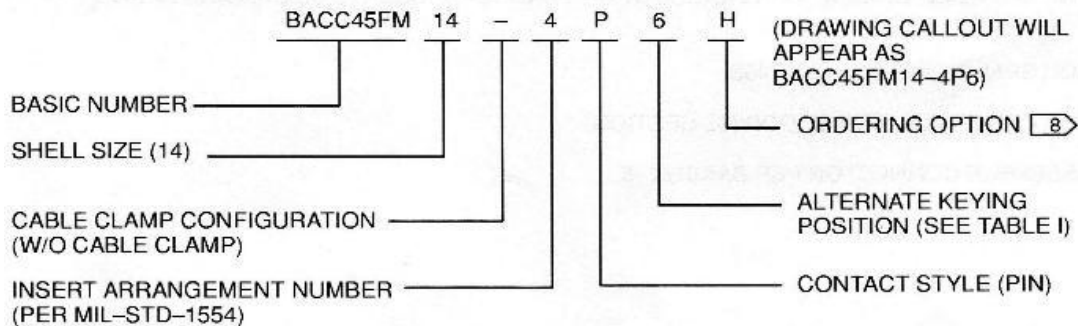
FIFTH VARIABLE DESIGNATES KEYWAY POSITION AS FOLLOWS:

- BLANK = NORMAL
- 6 THRU 10 = ALTERNATE KEYING (SEE TABLE I).

SIXTH VARIABLE DESIGNATES ORDERING OPTION AS FOLLOWS:

- BLANK = WITH CONTACTS AND SEAL PLUGS
- H = WITHOUT CONTACTS AND SEAL PLUGS

EXAMPLE OF PART NUMBER





BACC45 INSERT ARRANGEMENTS

SHELL SIZE	INSERT LAYOUT	CONTACT GAUGE	SHELL SIZE	INSERT LAYOUT	CONTACT GAUGE
8	8-2	2 #20	20	20-16	16 #16
	8-3	3 #20		20-25	19 #20 6 #12
10	10-2	2 #20		20-28	24 #20 4 #12
	10-20	2 #16			37 #20
	10-5	5 #20		20-39	2 #16
12	12-3	3 #16		20-41	41 #20
	12-12	12 #20	22	22-12	12 #12
		2 #16		22-19	19 #16
14	14-3	1 #2 SHLD		22-32	26 #20 6 #12
	14-4	4 #12		22-39	27 #20 12 #16
	14-7	7 #16		22-55	22 #20
	14-12	9 #20 3 #16	24	24-30	30 #16
	14-15	15 #20		24-43	23 #20 20 #16
16	16-10	10 #16		24-57	55 #20 2 #12
	16-24	24 #20		24-61	61 #20
18	18-8	8 #12			
		8 #12			
	18-11	1 #2 SHLD			
	18-14	14 #16			
	18-31	31 #20			

MATING GUIDE

Connector	Finish and or Material	Intended Mating Connector	Upgraded Mating Connector	Upgraded Mating Connector	Upgraded Mating Connector	Downgraded Mating Connector
BACC45FM	Black Anodized Aluminum	BACC45FS <small>* Black Anodized Aluminum</small>	BACC63BPXXC <small>* Cad Plated Aluminum</small>	BACC63BPXXD <small>* Stainless Steel</small>	BACC63BPXXH <small>* Anodized Aluminum</small>	MS24266RXXTXX <small>* Black Anodized Aluminum</small>



BACC45 SERIES CONTACTS AND SEALING PLUGS

Contact	Application	Pin Contacts	Socket Contacts	Sealing Plugs
Size	Type	BACC PART #	BACC PART #	Mil Spec #
20	A=OVERALL GOLD PLATED	BACC47CN1A	BACC47CP1A	MS27488-20-2
20	S=SELECTIVELY GOLD PLATED	BACC47CN1S	BACC47CP1S	MS27488-20-2
20	T=RHODIUM PLATED	BACC47CN1	BACC47CP1T	MS27488-20-2
16	A=OVERALL GOLD PLATED	BACC47CN2A	BACC47CP2A	MS27488-16-2
16	S=SELECTIVELY GOLD PLATED	BACC47CN2S	BACC47CP2S	MS27488-16-2
16	T=RHODIUM PLATED	BACC47CN2	BACC47CP2T	MS27488-16-2
12	A=OVERALL GOLD PLATED	BACC47CN3A	BACC47CP3A	MS27488-12-2
12	S=SELECTIVELY GOLD PLATED	BACC47CN3S	BACC47CP3S	MS27488-12-2
12	T=RHODIUM PLATED	BACC47CN3	BACC47CP3T	MS27488-12-2

CRIMPING AND INSERTION EXTRACTION TOOLS

	Crimp Tool	Positioner	Insertion Tool	Extraction Tool
Contact	Pin and Socket Contacts	Pin and Socket Contacts	Metal	Metal
Size	Type	Mil Spec Part #	Mil Spec Part #	Mil Spec Part #
20	M22520/1-01	M22520/1-02	M81969/17-03	M81969/19-06
16	M22520/1-01	M22520/1-02	M81969/17-04	M81969/19-01
12	M22520/1-01	M22520/1-02	M81969/17-05	M81969/19-02

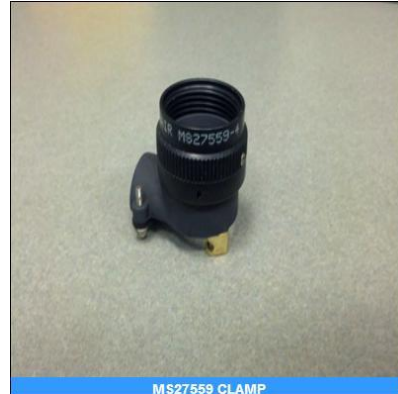


Cable Clamps

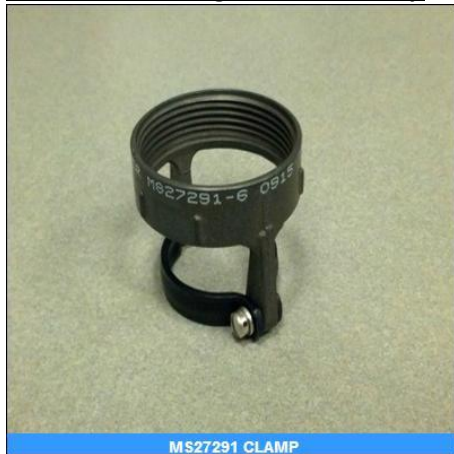
A= BACC10GH Single Leg Clamp



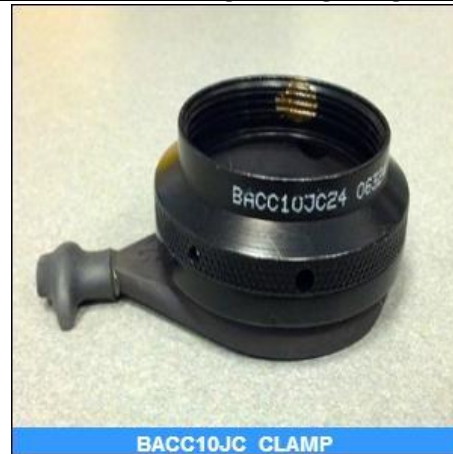
B=MS27559 90 Degree Saddle Clamp



C=MS27291 Straight Saddle Clamp



D=BACC10JC 90 Degree Single Leg Clamp



E=BACC10JS Straight Single Leg Composite Clamp





BACC45FM KEYWAY POSITIONS AND DIMENSIONS

TABLE I

SHELL SIZE	ALTERNATE KEYWAY POSITION	A DEG	B DEG	C DEG	D DEG
10	NORMAL	105	140	215	265
	6	102	132	248	320
	7	80	118	230	312
	8	35	140	205	275
	9	64	155	234	304
	10	25	115	220	270
12 THRU 22	NORMAL	105	140	215	265
	6	18	149	192	259
	7	92	152	222	342
	8	84	152	204	334
	9	24	135	199	240
	10	98	152	268	338

TABLE I (CONTINUED)

SHELL SIZE	E ± .005	F ± .005	Ø J + .005 - .000	K + .005 - .000	L ± .003	Ø M MAX	Ø N MAX	Ø P MAX	Ø R MAX	T UNEF-2A	U UNEF-2A
10	.719	.937	.530	.288	.094	.402	.509	.696	.562	.6875-24	.5625-24
12	.812	1.031	.700	.373		.569	.686	.875	.750	.8750-20	.7500-20
14	.906	1.125	.769	.408		.635	.748	.935	.812	.9375-20	.8125-20
16	.969	1.250	.896	.471	.125	.766	.873	1.062	.938	1.0625-18	.9375-20
18	1.062	1.343	1.002	.524		.867	.991	1.187	1.062	1.1875-18	1.0625-18
22	1.250	1.562	1.252	.649		1.116	1.241	1.437	1.312	1.4375-18	1.3125-18



Quick Links: Click on link below to search:

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