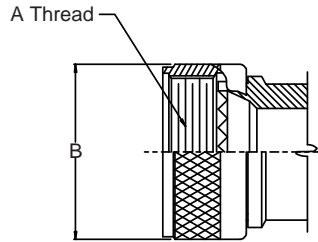


# Modification Code -445 ("NESTOR") Positive-Lock, Non-Detent Coupling Reference Information



How  
to Order



## Part Number Development Example:

320 A S 105 NF 16 05 - 445  
 Product Series ————  
 Mod Code ————  
 Self-Nesting

Modification Code -445 changes coupling profile for a slight increase in length (see Table I).

CONNECTOR DESIGNATOR											A THREAD REF	B DIA MAX
A	C	D	E	F	G	H	J	K	L	S		
		08	08	08 (9)				08	08	08		7/16-28 UNEF .688 (17.5)
						09 (A)						M2 X 1 - 6H .722 (18.3)
08							08 (A)	10				1/2-20 UNF .750 (19.1)
								11	10	10		1/2-28 UNEF .750 (19.1)
03		10	10	10 (11)								9/16-24 UNEF .813 (20.7)
						11 (B)						M1.5 X 1 - 6H .841 (21.4)
10								12, 13				5/8-24 UNEF .875 (22.2)
								10 (B)				5/8-28 UN .875 (22.2)
		12		12 (13)						12	12	11/16-24 UNEF .938 (23.8)
						13 (C)						M1.8 X 1 - 6H .959 (24.4)
12 (7)	12		12			11 (A)		14, 15				3/4-20 UNEF 1.000 (25.4)
		14	14	14 (15)					14	14		13/16-20 UNEF 1.063 (27.0)
14 (12)	14					15 (D)						M2 X 1 - 6H 1.116 (28.3)
						13 (B)		16, 17				7/8-20 UNEF 1.125 (28.6)
								14 (D)				7/8-28 UN 1.125 (28.6)
		16	16	16 (17)					16	16		15/16-20 UNEF 1.188 (30.2)
16 (19)	16					17 (E)						M2.5 X 1 - 6H 1.234 (31.4)
						15 (C)		18				1-20 UNEF 1.250 (31.8)
								16 (E)				1-28 UN 1.250 (31.8)
18 (27)		18	18	18 (19)					18	18		1 1/16-18 UNEF 1.313 (33.3)
	18					19 (F)						M2.8 X 1 - 6H 1.352 (34.4)
						17 (D)		20				1 1/8-18 UNEF 1.375 (34.9)
								18 (F)				1 1/8-28 UN 1.375 (34.9)
20 (37)		20	20	20 (21)					20	20		1 3/16-18 UNEF 1.438 (36.5)
						21 (G)						M3 X 1 - 6H 1.470 (37.4)
	20					19 (E)			22			1 1/4-18 UNEF 1.500 (38.1)
								20 (G)				1 1/4-28 UN 1.500 (38.1)
22		22	22	22 (23)					22	22		1 5/16-18 UNEF 1.563 (39.7)
						23 (H)						M4 X 1 - 6H 1.589 (40.4)
	22								24			1 3/8-18 UNEF 1.625 (41.3)
												1 3/8-28 UN 1.625 (41.3)
24		24	24	24 (25)	23 (F)				24	24		1 7/16-18 UNEF 1.688 (42.9)
						25 (J)						M7 X 1 - 6H 1.707 (43.3)
28												1 3/4-18 UNS 2.000 (50.8)

### NOTES:

1. Metric dimensions (mm) are indicated in parentheses.
2. Modification Code to add Self-Nesting Feature *only* as an option on Standard Profile Metal Free-Spinning Rotatable Coupling Backshells.
3. Consult Factory for Environmental Styles.
4. **Not for use on MIL-DTL-38999 Series II.**
5. Look for the -445 icon throughout this catalog. It indicates the "NESTOR" is available by adding -445 to the end of the backshell part number

-445

Now Available with the "NESTOR"

**Glenair's Non-Detent, Spring-Loaded, Self-Locking Coupling.**  
**Add "-445" to Specify This AS85049 Style "N" Coupling Interface.**