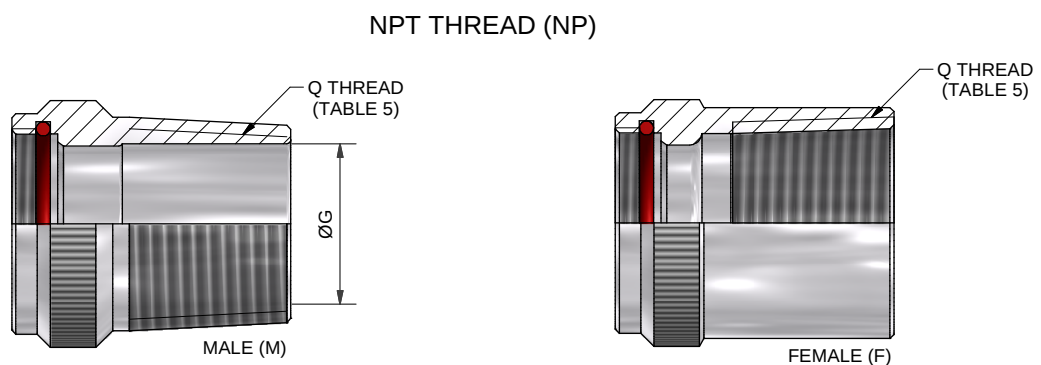
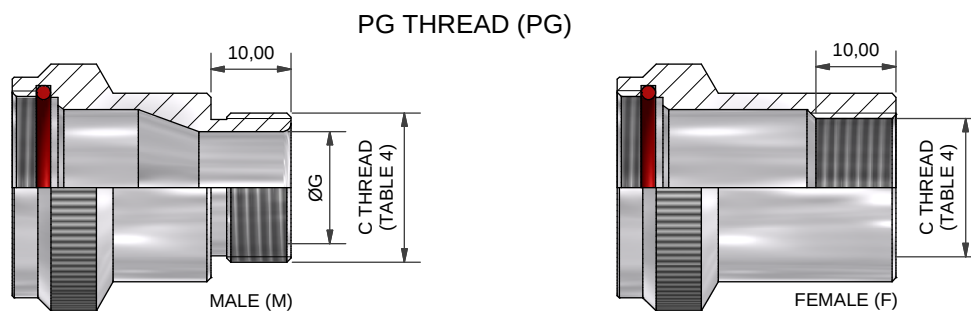
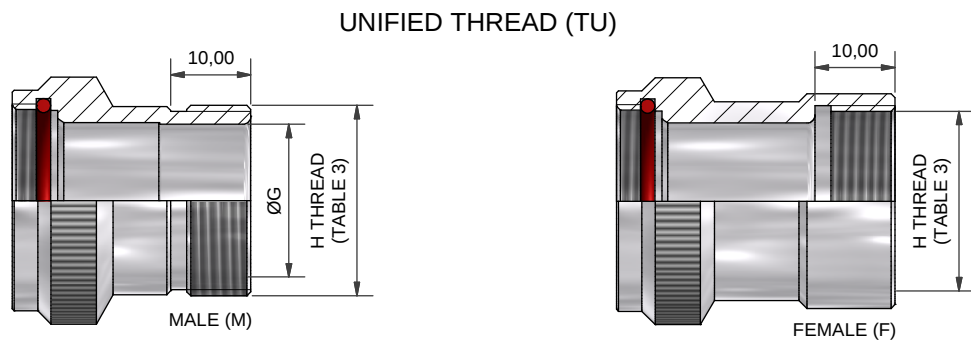
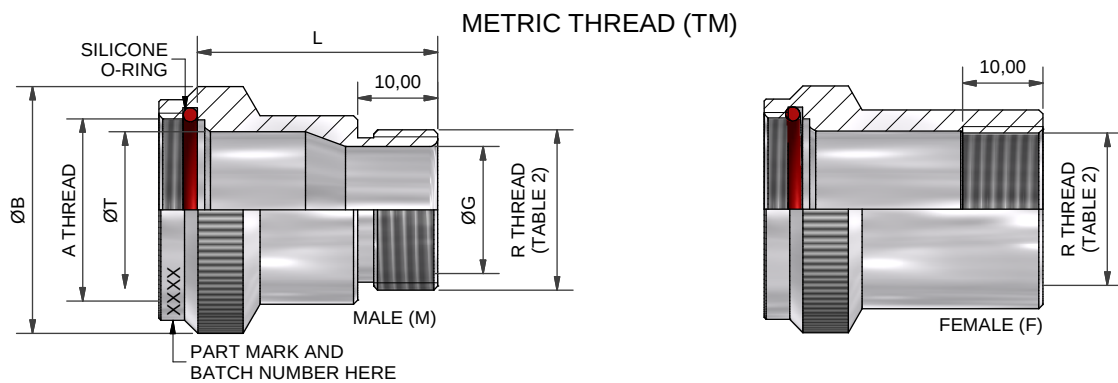




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DESIGN APPR	K.SHEPPARD	08/08/2013	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	ASSY USED ON: MIL-DTL-38999 SERIES I & II			
PROD APPR				TITLE: THREAD ADAPTOR (DIRECT COUPLING)			
QUAL APPR							
ISSUE 1	DCR ---		MATERIAL SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN	PART NUMBER: TM-D, TU-D, PG-D, NP-D SERIES	DRAWING NO: P25959	SHT 1	
NCAGE CODE U5792		WEIGHT ---					

TABLE 1

ORDER NUMBER	SHELL SIZE SERIES I	SHELL SIZE SERIES II	A THREAD	ØB MAX	ØT MIN
08	09	08	7/16-28UNEF	18,3	6,6
10	11	10	9/16-24UNEF	21,5	10,0
12	13	12	11/16-24UNEF	24,5	12,9
14	15	14	13/16-20UNEF	27,8	16,1
16	17	16	15/16-20UNEF	30,8	19,3
18	19	18	1 1/16-18UNEF	34,1	21,7
20	21	20	1 3/16-18UNEF	37,3	24,8
22	23	22	1 5/16-18UNEF	40,5	28,2
24	25	24	1 7/16-18UNEF	43,7	31,3

TABLE 2: METRIC THREAD (TM)

DASH NUMBER	R THREAD	ØG
16	M16x1.5	11,85
20	M20x1.5	15,85
22	M22x1.5	17,85
25	M25x1.5	20,85
32	M32x1.5	27,85
40	M40x1.5	35,85

TABLE 3: UNIFIED THREAD (TU)

DASH NUMBER	H THREAD	ØG MIN
04	7/16-28UNEF	6,35
05	1/2-20UNF	7,92
06	9/16-24UNEF	9,52
07	5/8-24UNEF	11,12
08	11/16-24UNEF	12,70
09	3/4-20UNEF	14,27
10	13/16-20UNEF	15,88
11	7/8-20UNEF	17,46
12	15/16-20UNEF	19,05
13	1-20UNEF	20,64
14	1 1/16-18UNEF	22,23
15	1 1/8-18UNEF	23,81
16	1 3/16-18UNEF	25,40
17	1 1/4-18UNEF	26,99
18	1 5/16-18UNEF	28,58
19	1 3/8-18UNEF	30,16
21	1 1/2-18UNEF	33,34
23	1 5/8-18UNEF	36,51

TABLE 4: PG THREAD (PG)

DASH NUMBER	C THREAD	ØG
7	PG7	8,0
9	PG9	10,6
11	PG11	14,0
13.5	PG13.5	15,8
16	PG16	17,9
21	PG21	23,5
29	PG29	32,1

TABLE 5: NPT THREAD (NP)

DASH NUMBER	Q THREAD DESIGNATION	ØG	L(M) MIN	L(F) MIN
0250	1/4 NPT	7,60	25,00	25,00
0375	3/8 NPT	11,00	26,00	26,00
0500	1/2 NPT	14,70	30,00	30,00
0750	3/4 NPT	20,00	30,00	30,00
1000	1 NPT	26,20	35,00	35,00
1250	1 1/4 NPT	35,00	36,00	36,00
1500	1 1/2 NPT	41,00	36,00	36,00
2000	2 NPT	53,00	37,00	37,00
2500	2 1/2 NPT	64,50	50,00	50,00

TABLE 6

CODE	MATERIAL / PLATING
1-C	ALUMINIUM / ELECTROLESS NICKEL
1-B	ALUMINIUM / CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZB	ALUMINIUM / ZINC COBALT OLIVE DRAB OVER ELECTROLESS NICKEL
1-ZN	ALUMINIUM / ZINC NICKEL BLACK PASSIVATE OVER ELECTROLESS NICKEL
4-J	STAINLESS STEEL / PASSIVATE
2-Z	NICKEL ALUMINIUM BRONZE / SHOT BLAST

LIST NOT EXHAUSTIVE, SEE PLATING TABLE FOR OTHER OPTIONS

TMMF1-D16-20-1-C-L30

SERIES _____
 TM - METRIC THREAD
 TU - UNIFIED THREAD
 PG - PG THREAD
 NP - NPT THREAD
 ORIENTATION _____
 M - MALE
 F - FEMALE
 CONNECTOR INTERFACE _____
 ANGLE _____
 DIRECT COUPLING _____
 ORDER NUMBER (TABLE 1) _____
 DASH NUMBER _____
 DEPENDS ON THREAD - TABLE 2, 3, 4 & 5
 MATERIAL (TABLE 6) _____
 FINISH (TABLE 6) _____
 LENGTH CODE IN MM _____
 5MM INCREMENTS, MIN LENGTH 25,00MM,
 EXCEPT FOR NPT THREAD - SEE TABLE 5

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NCAGE CODE U5792			WEIGHT ---	SEE PART NUMBER BREAKDOWN FINISH SEE PART NUMBER BREAKDOWN	PART NUMBER: TM-D, TU-D, PG-D, NP-D SERIES	DRAWING NO: P25959	SHT 2

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