

BODY | **END FITTING** | **SEALS**
15102 - 02E - N1T-H1

1

DESIGN & MATERIALS

- 2 - MEDIUM PRESSURE (GRES 316 BODY)
- 3 - LOW PRESSURE (DELTRIN BODY)
- 4 - MEDIUM PRESSURE (AL. ALLOY BODY)
- 5 - HIGH PRESSURE (GRES 15.5 PH BODY)
- 6 - MEDIUM PRESSURE WITH THERMAL RELIEF VALVE (SEE DRAWING 6000)
- 7 - HIGH PRESSURE WITH THERMAL RELIEF VALVE (SEE DRAWING 7000)
- 15 - INDI-LOK COUPLER, HIGH PRESSURE (ALWAYS 'COUPLER TYPE' 4' OR 8')
- 25 - SLIDE-LOK COUPLER, HIGH PRESSURE (ALWAYS 'COUPLER TYPE' 4' OR 8')
- 35 - SLIDE-LOK COUPLER WITH LANYARD (ALWAYS 'COUPLER TYPE' 4' OR 8')

2

NIPPLE TYPE

- 1 - PUSH-PULL (MATES WITH COUPLER TYPE 2, 4, 6, OR 8)
- 5 - SCREW TOGETHER (SLOW COUPLING) 15.5 PH MATES ONLY WITH 'O' TYPE COUPLER
- 7 - PUSH-PULL (THREADED AND WITH PRESSURE CAP) SEE DRAWING 5700 MATES WITH COUPLER TYPE 2, 4, 6, 8
- 9 - PUSH-PULL WITH INDEXING

2

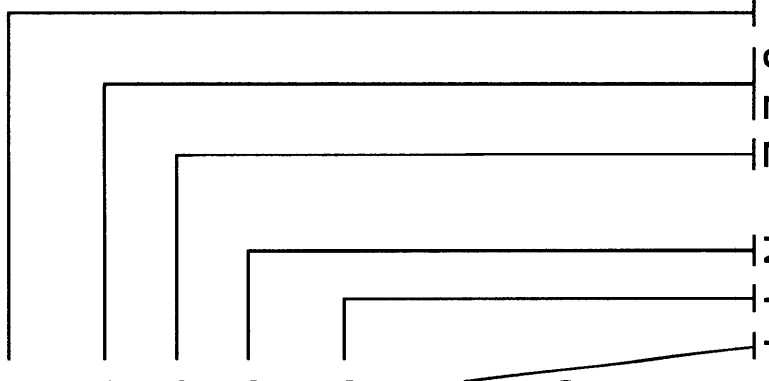
COUPLER TYPE

- 0 - SCREW TOGETHER (SLOW COUPLING) 15.5 PH ONLY (MATES ONLY WITH 'S' NIPPLE TYPE)
- 2 - LEVER ACTUATED
- 4 - PUSH-PULL
- 6 - PROBE (NO LOCK AND NO ACTUATING RING)
- 8 - PUSH-PULL WITH INDEXING

3

BODY SIZE IN 1/16 INCH (I.E., .02 = 1/8")

BODY SIZE TO BE SAME AS END FITTING SIZE UNLESS SPACE AND WEIGHT REQUIRE A NEXT SIZE SMALLER BODY (PRESSURE DROP IS CONTROLLED BY BODY SIZE)



10

NIPPLE ONLY - (THERMAL RELIEF VALVE SEAL MATERIAL AND NOMINAL PRESSURE SETTING.) SEE DRAWING 7000. (LEAVE BLANK IF NO RELIEF VALVE.)

9

COUPLER ONLY - (STOP AND SLEEVE INTERFACE SEAL) LEAVE BLANK IF LAPPED "HARD SEAT" FOR TEFLON

8

LUBRICANT ON SEALS (SEE SHEET 2) **7**

7

SEAL COMPOUND (SEE SHEET 2)

6

END FITTING STYLE (SEE SHEET 2)

5

END FITTING SIZE IN 1/16 INCH (I.E., .02 = 1/8" T.S., ETC.)

4

INDEXING POSITION (TO DEFINE NIPPLE TYPE 9 AND COUPLER TYPE 8) (REPLACE DASH WITH THE APPROPRIATE LETTER WHEN INDEXING REQUIRED. USE DASH AS SHOWN IF NO INDEX.)

- A - SINGLE TAB
- B - 0° AND 90°
- C - 0° AND 135°
- D - 0° AND 180°

TITLE			
COUPLING PART NUMBERING SYSTEM			
SIZE	FSCM NO.	DRAWING NO.	SHEET
A	11362	1000	1

6) END FITTING STYLE (SEE PAGE 35 FOR TYPICAL FITTING ENDS, METRIC FITTING ENDS ON SOME STYLES AVAILABLE ON REQUEST)	7) SEAL COMPOUNDS COMPOUND	TEMPERATURE (APPROXIMATE)	8) LUBRICANT ON SEALS
A - MSS3656-() FLARED TUBE	A POLYACRYLIC	0° TO +350°F	0. NO LUBRICATION TO BE USED
B - MSS3657-() FLARED TUBE BULKHEAD	B BUTYL	-75° TO +225°F	1. HYDRAULIC FLUID, MIL-H-5606 OR MIL-H-6083
C - MS24385-() FLARED TUBE PRECISION	C NEOPRENE	-65° TO +275°F	2. PARKER OILUBE, BARIUM GREASE
D - MS24386-() FLARED TUBE PRCN BHD	D BUTADIENE		3. DC200: SILICONE OIL
E - MSS3514-() FLARELESS	E ETHYLENE PROPYLENE	-65° TO +300°F	4. CELVACENE: CELLULOSE ESTER
F - MSS3515-() FLARELESS BULKHEAD	F NITRILE, MIL-P-5315	-65° TO +160°F	5. AND CASTOR OIL
G - ELBOW MSS3656-()	G LEFT BLANK		6. VERSILUBE: SILICONE GREASE
H - ELBOW MSS3514-()	H HYPALON		7. DC55: SILICONE GREASE, MIL-G-4343
J - INTEGRAL HOSE	I ISOPRENE		8. DC510: VACUUM GREASE
K - ELBOW BRAZED TUBE	J LEFT BLANK		9. FLUOROLUBE
L - BHD MALE DYN, BEAM SEAL (DYNATUBE)	K LEFT BLANK		10. DC4, MIL-S-8660
M - MIL-F-85720	L FLUOROSILICONE, MIL-R-25988	-100° TO +350°F	11. COOLANOL NO. 25 (MONSANTO)
N - MALE DYN, BEAM SEAL (DYNATUBE) MIL-F-85720	N NITRILE, MIL-P-25732	-65° TO +275°F	12. KRYTOX 240AC (DuPont)
P - U FITTING BRAZED TUBE	P POLYURETHANE	-40° TO +180°F	13. LUBRICATING OIL, MIL-L-7808
Q - MAINFOLD MOUNTING (MSS3656-()) TRUNCATED WITH MSS3514 HOLE)	R NATURAL RUBBER		14. LEFT BLANK
R - MALE PIPE THREAD MSS3677-()	S SILICONE, ZZ-R-765	-65° TO +450°F	15. BRAYCOTE 3L-38RP
S - FEMALE PIPE THREAD	T POLYSULFIDE	-65° TO +225°F	16. LUBE OIL, MIL-L-23699
T - SWAGelok FITTING (INCLUDES NUT, FRONT FERRULE AND BACK FERRULE)	U FLUOROCARBON, AMS 7276	-5° TO +500°F	17. SKYDROL
U - MSS3649-(), FEMALE	V FLUOROCARBON, MIL-R-83248	-20° TO +400°F	18. DC-F6-1101 (OBSOLETE)
V - STRAIGHT BRAZED TUBE	W TEFLON (SPRING LOADED)	-100° TO +450°F	19. BRAYCOTE 815Z
W - SWIVEL FITTING TO MATE WITH MSS3656	Y FLUOROCARBON, MIL-R-83485	-40° TO +450°F	20. HYDRAULIC FLUID, MIL-H-17672
X - MIL-F-85720	Z KALREZ 1050	-35° TO +500°F	21. HYDRAULIC FLUID, MIL-H-83282
Y - MSS3660-(), BEADED TUBING			22. BRAYCOTE 3L-38
Z - ROSAN (RF9900)			23. DC FS9451
AA - MANIFOLD MOUNTING, AS930-()			24. APIEZON L
AB - BSP, PIPE TAPERED MALE			25. POLY-ALPHA OLEFIN (PAO), MIL-C-87252
BB - BSP, PIPE PARALLEL MALE			
BS - MSS3657 WITH FACE SEAL			
BSS - BHD SWAGelok (INCLUDES NUT, FRONT FERRULE AND BACK FERRULE)			
BC - BULKHEAD SWAGelok WITH FACE SEAL			
BQ - BULKHEAD WITH MALE NPT			
CP - CPV, STANDARD			
CPV - CPV, BULKHEAD			
EP - SAE J1453 FITTING			
GB - BULKHEAD ELBOW, MSS3656-()			
RB - BRITISH PIPE, FEMALE			
US - STRAIGHT TUBE (SWAGelok)			

SEE PAGE 4 FOR LOCATION OF END FITTING STYLE, SEAL COMPOUNDS, AND LUBRICANT ON SEALS IN THE PART NUMBERING SYSTEM.

TITLE COUPLING PART NUMBERING SYSTEM (CONTINUED)			
SIZE	FSCM NO.	DRAWING NO.	PAGE
A	11362	1000	4A