

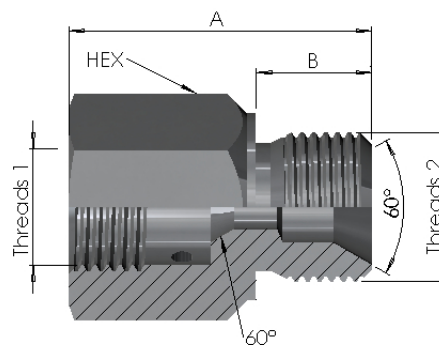
PRODUCT GROUP

**MF5500
15K**

MATERIAL

SS316L

Stainless steel


Medium Pressure Female x BSPP Male

15,000 PSI / 1,034 bar / 103.4 MPa*

Dimensions & variants

Dimensions in mm

Item number	MP Size	MP Thread	BSPP Thread	A	B	Hex
MF55000404316	1/4" (04)	7/16"-20UN	G 1/4"	28	11	19
MF55000406316	1/4" (04)	7/16"-20UN	G 3/8"	30	13	22
MF55000408316	1/4" (04)	7/16"-20UN	G 1/2"	30	15	27
MF55000604316	3/8" (06)	9/16"-18UN	G 1/4"	32	11	22
MF55000606316	3/8" (06)	9/16"-18UN	G 3/8"	34	13	22
MF55000608316	3/8" (06)	9/16"-18UN	G 1/2"	34	15	27
MF55000904316	9/16" (09)	13/16"-16UN	G 1/4"	40	11	27
MF55000906316	9/16" (09)	13/16"-16UN	G 3/8"	40	13	27
MF55000908316	9/16" (09)	13/16"-16UN	G 1/2"	38	15	32

↓ Continued on page 2

MF5500 15K

Medium Pressure Female × BSPP Male

15,000 PSI / 1,034 bar / 103.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	MP Size	MP Thread	BSPP Thread	A	B	Hex
MF55000912316	9/16" (09)	13/16"-16UN	G 3/4"	41	17	36
MF55000916316	9/16" (09)	13/16"-16UN	G 1"	44	19	46
MF55001208316	3/4" (12)	3/4"-14NPSM	G 1/2"	48	15	36
MF55001212316	3/4" (12)	3/4"-14NPSM	G 3/4"	50	17	36
MF55001216316	3/4" (12)	3/4"-14NPSM	G 1"	52.5	19	41
MF55001608316	1" (16)	1 3/8"-12UN	G 1/2"	64	15	46
MF55001612316	1" (16)	1 3/8"-12UN	G 3/4"	62	17	46
MF55001616316	1" (16)	1 3/8"-12UN	G 1"	60	19	46

Article number: MF5500 | 09 | 12 | 316

Series | MP size code | BSP size code | Material

Product specifications

End 1 — Medium Pressure Female	End 2 — BSPP Male	General product information
Medium Pressure Female 60° female cone seat Medium Pressure cone-and-thread MP size and thread: see dimensions	BSPP Male 60° internal cone or bonded seal Connection: ISO 8434-6 Connection: ISO 1179-2 Thread: ISO 228-1	Material: AISI 316L EN 1.4404 / UNS S31603 Working pressure: 15,000 PSI* 1,034 bar / 103.4 MPa* HS code: 73079900 Country of origin: Norway

Technical info

Medium Pressure side: 60° female cone seat, intended to mate with a 58° male cone. Dimensionally compatible with the established 20,000 psi Medium Pressure cone-and-thread connection geometry. BSPP side: Parallel G thread to ISO 228-1. The connection may be sealed either on the 60° internal cone to ISO 8434-6, or against the external shoulder using an elastomeric bonded seal to ISO 1179-2.

* The stated working pressure is based on Intermec's established design calculations, dimensional design criteria and more than 35 years of experience with high-pressure fittings in demanding offshore and oil & gas applications. Suitability depends on correct installation, mating connection, material and operating conditions.