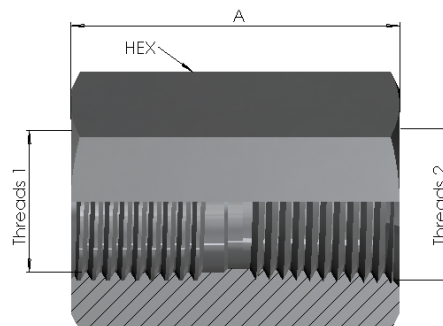


PRODUCT GROUP

8100
10K

MATERIAL

SS316L
Stainless steel



BSPP Female Fixed × NPT Female

10,000 PSI / 689 bar / 68.9 MPa*

Dimensions & variants

Dimensions in mm

Item number	BSPP Female Fixed	NPT Female	A	Hex	Weight (kg)
8100040431610K	G 1/4"	1/4"NPT	34	22	0.066
8100040631610K	G 1/4"	3/8"NPT	34	24	0.091
8100040831610K	G 1/4"	1/2"NPT	40	32	0.230
8100060431610K	G 3/8"	1/4"NPT	34	24	0.100
8100060631610K	G 3/8"	3/8"NPT	36	24	0.088
8100060831610K	G 3/8"	1/2"NPT	42	32	0.215
8100080431610K	G 1/2"	1/4"NPT	38	32	0.172
8100080631610K	G 1/2"	3/8"NPT	39	32	0.215
8100080831610K	G 1/2"	1/2"NPT	43	32	0.210

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8100 10K

BSPP Female Fixed × NPT Female

10,000 PSI / 689 bar / 68.9 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP Female Fixed	NPT Female	A	Hex	Weight (kg)
8100081231610K	G 1/2"	3/4"NPT	48	41	0.410
8100081631610K	G 1/2"	1"NPT	52	50	0.690
8100120831610K	G 3/4"	1/2"NPT	46	41	0.410
8100121231610K	G 3/4"	3/4"NPT	46	41	0.360
8100121631610K	G 3/4"	1"NPT	54	50	0.660
8100160831610K	G 1"	1/2"NPT	50	50	0.690
8100161231610K	G 1"	3/4"NPT	52	50	0.660
8100161631610K	G 1"	1"NPT	52	50	0.600

Article number: 8100 | 08 | 12 | 316 | 10K

Series | BSPP Female Fixed thread code | NPT female thread code | Material | Pressure class

Product specifications

End 1 — BSPP Female Fixed	End 2 — NPT Female	General product information
BSPP Female Fixed ISO 1179-2 sealing interface Connection: ISO 1179-2 Thread: ISO 228-1	NPT Female Tapered pipe thread Thread: ASME B1.20.1	Material: AISI 316L EN 1.4404 / UNS S31603 Working pressure: 10,000 PSI* 689 bar / 68.9 MPa* HS code: 73079900 Country of origin: Norway

Technical info

BSPP Female Fixed side: Fixed female connection with sealing interface to ISO 1179-2 and parallel G thread to ISO 228-1. NPT female side: Tapered pipe thread to ASME B1.20.1.

* 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.