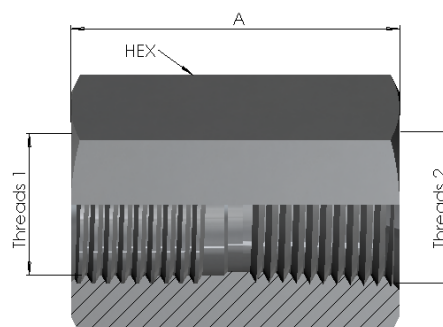


PRODUCT GROUP

8100
6K

MATERIAL

SS316L
Stainless steel



BSPP Female Fixed × NPT Female

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants

Dimensions in mm

Item number	BSPP Female Fixed	NPT Female	A	Hex	Weight (kg)
81000404316	G 1/4"	1/4"NPT	34	22	0.048
81000406316	G 1/4"	3/8"NPT	34	24	0.070
81000408316	G 1/4"	1/2"NPT	40	32	0.176
81000604316	G 3/8"	1/4"NPT	34	24	0.080
81000606316	G 3/8"	3/8"NPT	36	24	0.066
81000608316	G 3/8"	1/2"NPT	42	32	0.180
81000804316	G 1/2"	1/4"NPT	38	32	0.172
81000806316	G 1/2"	3/8"NPT	39	32	0.159
81000808316	G 1/2"	1/2"NPT	43	32	0.164

↓ **Continued on page 2**

8100 6K

BSPP Female Fixed × NPT Female

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP Female Fixed	NPT Female	A	Hex	Weight (kg)
81000812316	G 1/2"	3/4"NPT	48	41	0.274
81000816316	G 1/2"	1"NPT	52	50	0.550
81001208316	G 3/4"	1/2"NPT	46	41	0.280
81001212316	G 3/4"	3/4"NPT	46	41	0.238
81001216316	G 3/4"	1"NPT	54	50	0.520
81001608316	G 1"	1/2"NPT	50	50	0.550
81001612316	G 1"	3/4"NPT	52	50	0.520
81001616316	G 1"	1"NPT	52	50	0.456

Article number: 8100 | 08 | 12 | 316 | 6K

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: 6,000 PSI* 414 bar / 41.4 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.