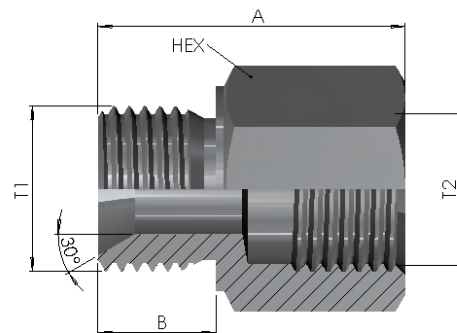




BSPP Male 60° Cone × BSPP Female Fixed

10,000 PSI / 689 bar / 68.9 MPa*

Dimensions & variants

Dimensions in mm

Item number	BSPP Male	BSPP Female Fixed	A	B	Hex	Weight (kg)
6100040431610K	G 1/4"	G 1/4"	31	11	22	0.060
6100040631610K	G 1/4"	G 3/8"	34	11	24	0.067
6100040831610K	G 1/4"	G 1/2"	37	11	32	0.088
6100060431610K	G 3/8"	G 1/4"	32	12.5	22	0.066
6100060631610K	G 3/8"	G 3/8"	35	12.5	24	0.073
6100060831610K	G 3/8"	G 1/2"	37	12.5	32	0.135
6100080431610K	G 1/2"	G 1/4"	28	15	27	0.073
6100080631610K	G 1/2"	G 3/8"	37	15	27	0.106
6100080831610K	G 1/2"	G 1/2"	40	15	32	0.134
6100081231610K	G 1/2"	G 3/4"	42	15	36	0.181

↓ Continued on page 2

6100 10K

BSPP Male 60° Cone × BSPP Female Fixed
10,000 PSI / 689 bar / 68.9 MPa*

Dimensions & variants — continued Dimensions in mm

Item number	BSPP Male	BSPP Female Fixed	A	B	Hex	Weight (kg)
6100081631610K	G 1/2"	G 1"	46	15	46	0.375
6100120831610K	G 3/4"	G 1/2"	40	17	32	0.154
6100121231610K	G 3/4"	G 3/4"	43	17	36	0.191
6100121631610K	G 3/4"	G 1"	46	17	46	0.383
6100160431610K	G 1"	G 1/4"	35	19	41	0.238
6100160631610K	G 1"	G 3/8"	35	19	41	0.228
6100160831610K	G 1"	G 1/2"	35	19	41	0.206
6100161231610K	G 1"	G 3/4"	45	19	41	0.269
6100161631610K	G 1"	G 1"	49	19	46	0.394

Article number: 6100 | 04 | 06 | 316 | 10K
Series | BSPP male thread code | BSPP Female Fixed thread code | Material | Pressure class

Product specifications

End 1 — BSPP Male	End 2 — BSPP Female Fixed	General product information
BSPP Male 60° internal cone or bonded seal Connection: ISO 8434-6 Connection: ISO 1179-2 Thread: ISO 228-1	BSPP Female Fixed ISO 1179-2 sealing interface Connection: ISO 1179-2 Thread: ISO 228-1	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 male 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. BSPP Female Fixed side: Parallel G thread to ISO 228-1 with sealing interface 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.