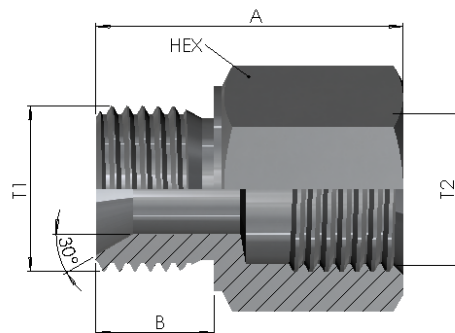




BSPP Male 60° Cone x BSPP Female Fixed

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants

Dimensions in mm

Item number	BSPP Male	BSPP Female Fixed	A	B	Hex	Weight (kg)
61000202316	G 1/8"	G 1/8"	27.5	8.5	14	0.019
61000204316	G 1/8"	G 1/4"	30	8.5	19	0.039
61000402316	G 1/4"	G 1/8"	29	11	19	0.042
61000404316	G 1/4"	G 1/4"	33	11	19	0.041
61000406316	G 1/4"	G 3/8"	35	11	22	0.052
61000408316	G 1/4"	G 1/2"	37	11	27	0.082
61000604316	G 3/8"	G 1/4"	35	12.5	22	0.066
61000606316	G 3/8"	G 3/8"	37	12.5	22	0.058
61000608316	G 3/8"	G 1/2"	39	12.5	27	0.092
61000804316	G 1/2"	G 1/4"	28	15	27	0.073
61000806316	G 1/2"	G 3/8"	39	15	27	0.106
61000808316	G 1/2"	G 1/2"	39	15	27	0.087
61000810316	G 1/2"	G 5/8"	40	15	30	0.105
61000812316	G 1/2"	G 3/4"	44	15	32	0.126
61000816316	G 1/2"	G 1"	46	15	41	0.210
61001008316	G 5/8"	G 1/2"	40	16	30	0.122
61001010316	G 5/8"	G 5/8"	41	16	30	0.110
61001012316	G 5/8"	G 3/4"	45	16	32	0.130

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6100 6K

BSPP Male 60° Cone × BSPP Female Fixed

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP Male	BSPP Female Fixed	A	B	Hex	Weight (kg)
61001204316	G 3/4"	G 1/4"	30	16	32	0.121
61001206316	G 3/4"	G 3/8"	30	16	32	0.107
61001208316	G 3/4"	G 1/2"	41.5	16	32	0.150
61001210316	G 3/4"	G 5/8"	45	16	32	0.161
61001212316	G 3/4"	G 3/4"	45	16	32	0.135
61001216316	G 3/4"	G 1"	48	16	41	0.219
61001220316	G 3/4"	G 1 1/4"	54	16	50	0.320
61001604316	G 1"	G 1/4"	35	19	41	0.238
61001606316	G 1"	G 3/8"	35	19	41	0.228
61001608316	G 1"	G 1/2"	35	19	41	0.206
61001612316	G 1"	G 3/4"	45	19	41	0.260
61001616316	G 1"	G 1"	48	19	41	0.255
61001620316	G 1"	G 1 1/4"	56	19	50	0.368
61001624316	G 1"	G 1 1/2"	57	19	55	0.433
61002006316	G 1 1/4"	G 3/8"	39	22	50	0.410
61002008316	G 1 1/4"	G 1/2"	39	22	50	0.363
61002012316	G 1 1/4"	G 3/4"	39	22	55	0.323
61002016316	G 1 1/4"	G 1"	52	22	50	0.422
61002020316	G 1 1/4"	G 1 1/4"	55	22	50	0.386

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6100 6K

BSPP Male 60° Cone × BSPP Female Fixed

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP Male	BSPP Female Fixed	A	B	Hex	Weight (kg)
61002024316	G 1 1/4"	G 1 1/2"	57	22	55	0.414
61002408316	G 1 1/2"	G 1/2"	40	22	55	0.492
61002412316	G 1 1/2"	G 3/4"	40	22	55	0.451
61002416316	G 1 1/2"	G 1"	40	22	55	0.423
61002420316	G 1 1/2"	G 1 1/4"	57	22	55	0.525
61002424316	G 1 1/2"	G 1 1/2"	57	22	55	0.438
61002432316	G 1 1/2"	G 2"	62	22	70	0.762
61003208316	G 2"	G 1/2"	47	26	70	0.913
61003212316	G 2"	G 3/4"	47	26	70	0.890
61003216316	G 2"	G 1"	47	26	70	0.835
61003220316	G 2"	G 1 1/4"	47	26	70	0.730
61003224316	G 2"	G 1 1/2"	64	26	70	1.046
61003232316	G 2"	G 2"	64	26	70	0.797

Article number: 6100 | 12 | 08 | 316 | 6K

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: 6,000 PSI* 414 bar / 41.4 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. 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.