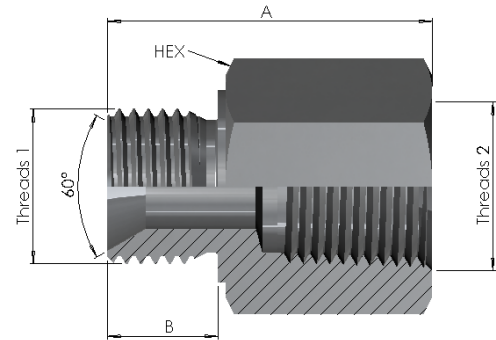




BSPP Male 60° Cone x NPT Female

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants

Dimensions in mm

Item number	BSPP Male	NPT Female	A	B	Hex	Weight (kg)
79000404316	G 1/4"	1/4"NPT	32	11	19	0.040
79000406316	G 1/4"	3/8"NPT	35	11	22	0.056
79000408316	G 1/4"	1/2"NPT	40	11	30	0.125
79000604316	G 3/8"	1/4"NPT	35	12.5	22	0.068
79000606316	G 3/8"	3/8"NPT	35	12.5	22	0.057
79000608316	G 3/8"	1/2"NPT	42	12.5	30	0.131
79000804316	G 1/2"	1/4"NPT	28	15	27	0.064
79000806316	G 1/2"	3/8"NPT	38	15	27	0.102
79000808316	G 1/2"	1/2"NPT	44	15	30	0.138
79000812316	G 1/2"	3/4"NPT	46	15	36	0.190
79000816316	G 1/2"	1"NPT	52	15	46	0.365
79001204316	G 3/4"	1/4"NPT	30	17	32	0.122
79001206316	G 3/4"	3/8"NPT	30	17	32	0.114
79001208316	G 3/4"	1/2"NPT	45	17	32	0.181
79001212316	G 3/4"	3/4"NPT	47	17	36	0.212

↓ Continued on page 2

7900 6K

BSPP Male 60° Cone × NPT Female

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP Male	NPT Female	A	B	Hex	Weight (kg)
79001216316	G 3/4"	1"NPT	52	17	46	0.374
79001604316	G 1"	1/4"NPT	35	19	41	0.240
79001606316	G 1"	3/8"NPT	35	19	41	0.220
79001608316	G 1"	1/2"NPT	35	19	41	0.206
79001612316	G 1"	3/4"NPT	50	19	41	0.311
79001616316	G 1"	1"NPT	55	19	46	0.394
79002020316	G 1 1/4"	1 1/4"NPT	57	21	55	0.510
79002416316	G 1 1/2"	1"NPT	40	22	55	0.400
79002424316	G 1 1/2"	1 1/2"NPT	60	22	60	0.600
79003216316	G 2"	1"NPT	46	26	70	0.850
79003224316	G 2"	1 1/2"NPT	64	26	70	1.060
79003232316	G 2"	2"NPT	71	26	75	1.270

Article number: 7900 | 08 | 12 | 316 | 6K

Series | BSPP male thread code | NPT female thread code | Material | Pressure class

Product specifications

End 1 — BSPP Male	End 2 — NPT Female	General product information
BSPP Male 60° internal cone or bonded seal Connection: ISO 8434-6 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 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. 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.