

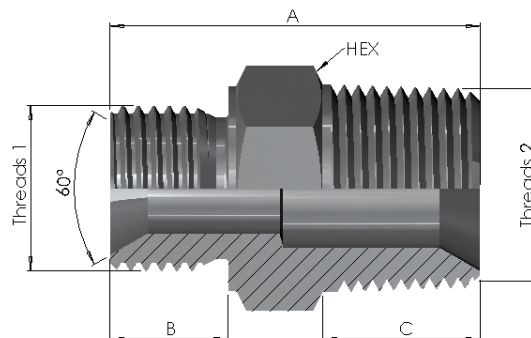
PRODUCT GROUP

7800
6K

MATERIAL

SS316L

Stainless steel



BSPP Male 60° Cone x NPT Male

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants

Dimensions in mm

Item number	BSPP	NPT	A	B	C	Hex	Weight (kg)
78000202316	G 1/8"	1/8"NPT	30	8.5	10	14	0.020
78000204316	G 1/8"	1/4"NPT	35.5	8.5	14	17	0.031
78000402316	G 1/4"	1/8"NPT	33	11	10	19	0.029
78000404316	G 1/4"	1/4"NPT	38	11	14	19	0.036
78000406316	G 1/4"	3/8"NPT	39	11	15	19	0.043
78000408316	G 1/4"	1/2"NPT	45	11	19	22	0.066
78000604316	G 3/8"	1/4"NPT	39.5	12.5	14	22	0.050
78000606316	G 3/8"	3/8"NPT	40.5	12.5	15	22	0.056
78000608316	G 3/8"	1/2"NPT	46.5	12.5	19	22	0.072
78000804316	G 1/2"	1/4"NPT	42	15	14	27	0.079
78000806316	G 1/2"	3/8"NPT	43	15	15	27	0.089
78000808316	G 1/2"	1/2"NPT	49	15	19	27	0.100
78000812316	G 1/2"	3/4"NPT	52	15	20	27	0.118
78000816316	G 1/2"	1"NPT	59	15	24	36	0.215
78001008316	G 5/8"	1/2"NPT	50	16	19	30	0.127
78001012316	G 5/8"	3/4"NPT	53	16	20	30	0.140
78001208316	G 3/4"	1/2"NPT	50	16	19	32	0.145
78001212316	G 3/4"	3/4"NPT	53	16	20	32	0.161

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BSPP Male 60° Cone × NPT Male

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP	NPT	A	B	C	Hex	Weight (kg)
78001216316	G 3/4"	1"NPT	60	16	24	32	0.234
78001608316	G 1"	1/2"NPT	52	19	19	41	0.228
78001612316	G 1"	3/4"NPT	55	19	20	41	0.265
78001616316	G 1"	1"NPT	62	19	24	41	0.287
78001620316	G 1"	1 1/4"NPT	65.5	19	24.5	46	0.370
78001624316	G 1"	1 1/2"NPT	69.5	19	25.5	50	0.437
78002016316	G 1 1/4"	1"NPT	65	21	24	50	0.446
78002020316	G 1 1/4"	1 1/4"NPT	68.5	21	24.5	50	0.420
78002024316	G 1 1/4"	1 1/2"NPT	72.5	21	25.5	50	0.465

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BSPP Male 60° Cone × NPT Male

6,000 PSI / 414 bar / 41.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP	NPT	A	B	C	Hex	Weight (kg)
78002416316	G 1 1/2"	1"NPT	67	22	24	55	0.480
78002420316	G 1 1/2"	1 1/4"NPT	70.5	22	24.5	55	0.515
78002424316	G 1 1/2"	1 1/2"NPT	74.5	22	25.5	55	0.546
78002432316	G 1 1/2"	2"NPT	86.5	22	33	65	0.842
78003224316	G 2"	1 1/2"NPT	78.5	26	25.5	70	0.883
78003232316	G 2"	2"NPT	90.5	26	33	70	0.988

Article number: 7800 | 08 | 12 | 316 | 6K

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

Product specifications

End 1 — BSPP Male	End 2 — NPT Male	General product information
BSPP Male 60° internal cone or bonded seal Connection: ISO 8434-6 Connection: ISO 1179-2 Thread: ISO 228-1	NPT Male 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 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 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.