

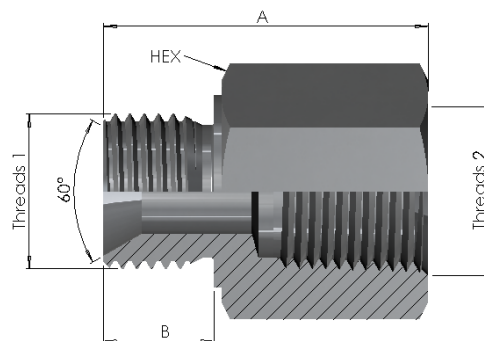
PRODUCT GROUP

7900
10K

MATERIAL

SS316L

Stainless steel



BSPP Male 60° Cone x NPT Female

10,000 PSI / 689 bar / 68.9 MPa*

Dimensions & variants

Dimensions in mm

Item number	BSPP Male	NPT Female	A	B	Hex	Weight (kg)
7900040431610K	G 1/4"	1/4"NPT	32	11	22	0.057
7900040631610K	G 1/4"	3/8"NPT	35	11	24	0.094
7900040831610K	G 1/4"	1/2"NPT	40	11	32	0.146
7900060431610K	G 3/8"	1/4"NPT	35	12.5	22	0.068
7900060631610K	G 3/8"	3/8"NPT	35	12.5	24	0.820
7900060831610K	G 3/8"	1/2"NPT	42	12.5	32	0.155
7900080431610K	G 1/2"	1/4"NPT	28	15	27	0.064
7900080631610K	G 1/2"	3/8"NPT	38	15	27	0.140
7900080831610K	G 1/2"	1/2"NPT	44	15	32	0.163
7900081231610K	G 1/2"	3/4"NPT	46	15	41	0.310
7900081631610K	G 1/2"	1"NPT	52	15	50	0.490

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BSPP Male 60° Cone × NPT Female

10,000 PSI / 689 bar / 68.9 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	BSPP Male	NPT Female	A	B	Hex	Weight (kg)
7900120431610K	G 3/4"	1/4"NPT	30	17	32	0.122
7900120631610K	G 3/4"	3/8"NPT	30	17	32	0.114
7900120831610K	G 3/4"	1/2"NPT	45	17	32	0.181
7900121231610K	G 3/4"	3/4"NPT	47	17	41	0.300
7900121631610K	G 3/4"	1"NPT	52	17	50	0.500
7900160431610K	G 1"	1/4"NPT	35	19	41	0.240
7900160631610K	G 1"	3/8"NPT	35	19	41	0.220
7900160831610K	G 1"	1/2"NPT	35	19	41	0.206
7900161231610K	G 1"	3/4"NPT	50	19	41	0.330
7900161631610K	G 1"	1"NPT	55	19	50	0.494

Article number: 7900 | 04 | 04 | 316 | 10K

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: 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. 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.