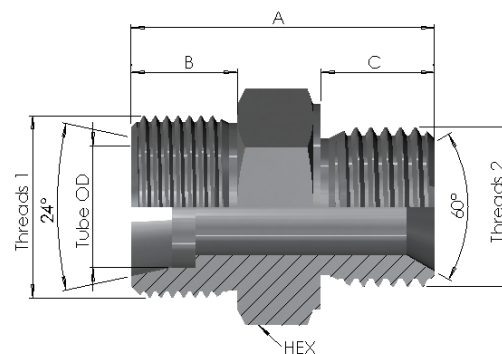


PRODUCT GROUP

SM5500
15K

MATERIAL

SS316L
Stainless steel



Metric 24° Male × BSPP Male

15,000 PSI / 1,034 bar / 103.4 MPa*

Dimensions & variants

Dimensions in mm

Item number	Tube Metric 1	Thread Dim 1	Thread Dim 2	A	B	C	Hex
SM550014S0431615K	14mm	M22 X 1.5	G 1/4"	36	14	11	24
SM550014S0831615K	14mm	M22 X 1.5	G 1/2"	40	14	15	27
SM550016S0431615K	16mm	M24 X 1.5	G 1/4"	36	14	11	27
SM550016S0631615K	16mm	M24 X 1.5	G 3/8"	37.5	14	12.5	27
SM550016S0831615K	16mm	M24 X 1.5	G 1/2"	40	14	15	27

↓ Continued on page 2

SM5500 15K

Metric 24° Male × BSPP Male

15,000 PSI / 1,034 bar / 103.4 MPa*

Dimensions & variants — continued

Dimensions in mm

Item number	Tube Metric 1	Thread Dim 1	Thread Dim 2	A	B	C	Hex
SM550016S1231615K	16mm	M24 X 1.5	G 3/4"	42	14	17	27
SM550016S1631615K	16mm	M24 X 1.5	G1"	46	14	19	36
SM550025S0831615K	25mm	M36 X 2.0	G 1/2"	50	22	15	41
SM550025S1231615K	25mm	M36 X 2.0	G 3/4"	52	22	17	41
SM550025S1631615K	25mm	M36 X 2.0	G 1"	54	22	19	41

Article number: SM5500 | 14S | 04 | 316 | 15K

Series | Metric tube size + series | BSPP size code | Material | Pressure class

Product specifications

End 1 — Metric 24° Male	End 2 — BSPP Male	General product information
Metric 24° Male Connection: ISO 8434-1 Thread: ISO 724 Tolerance: 6g / ISO 965-1	BSPP Male Sealing: 60° internal cone or bonded seal Connection: ISO 8434-6 / ISO 1179-2 Thread: ISO 228-1	Material: AISI 316L EN 1.4404 / UNS S31603 Working pressure: 15,000 PSI* 1,034 bar / 103.4 MPa* HS code: 73079900 Country of origin: Norway

Technical info

Metric 24° male end: 24° cone end to ISO 8434-1 with ISO metric thread to ISO 724, tolerance class 6g to ISO 965-1. BSPP Male end: 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.

* 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.