

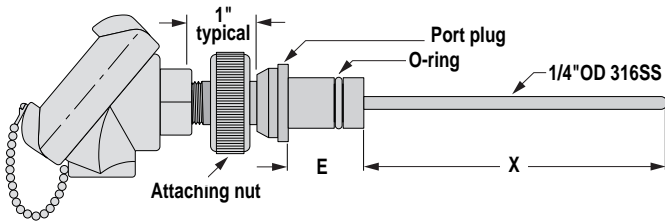
# SPECIAL PURPOSE

# RTD ASSEMBLIES with PORT PLUG FITTINGS

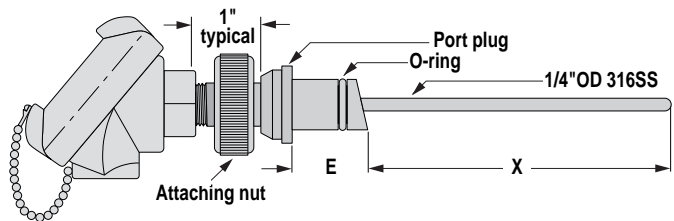
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The RTD assemblies listed below are typically used in sterilizers, chemical and bioreactors, and in fermentation and storage tanks that are equipped with threaded Ingold<sup>(1)</sup> port opening fittings. The RTD assemblies are provided with either a straight or 15° chamfer mating plug fitting, in standard fitting lengths, and they include the attaching nut and silicon o-ring seal. The 3-wire RTD assemblies are provided with 1/4" OD stainless steel sheaths, high accuracy platinum RTD measuring elements, customer specified immersion lengths, and with a choice of moisture resistant and chemical resistant terminal heads.

STRAIGHT FITTING ASSEMBLY



15° CHAMFER FITTING ASSEMBLY



Maximum operating temperature: 400°F (204°C)

EXAMPLE ORDER NUMBER: **R5T185L48** | **04** | **3** - **PORT** - **155** - **63**

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PLATINUM RTD ASSEMBLIES			
ORDER CODE	TEMP. COEF.	ACCURACY @ 0°C	VALUE IN OHMS
<b>SINGLE</b>			
R1T185L48	.00385	± .1%	100
R3T185L48	.00385	± .03%	100
R5T185L48	.00385	± .01%	100
R1T191L48	.00391	± .1%	100
R3T191L48	.00391	± .03%	100
<b>DUPLEX</b>			
R1T285L48	.00385	± .1%	100
R3T285L48	.00385	± .03%	100
R5T285L48	.00385	± .01%	100
R1T291L48	.00391	± .1%	100
R3T291L48	.00391	± .03%	100
THERMOCOUPLE ASSEMBLIES			
For thermocouple assemblies use T/C types J, K, T, or E and options G for grounded junction or U for ungrounded junction as per example.			
EXAMPLE: T4804G - PORT - 155 - 63			

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IMMERSION LENGTH "X"
Specify "X" Length in Inches Using 2 Digits, Plus any Fractional Length Desired
Examples: 04 = 4", 05(1/2) = 5(1/2)"

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TERMINATION OPTIONS	
ORDER CODE	DESCRIPTION
63	White polypropylene head
31W	White epoxy coated alum. head
0	W/o head w/6" teflon leads
T	Integral head mounted transmitter (See page RTD - 11)
HS	Head supplied with wire seal security screws
I	Stainless steel tags

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INGOLD <sup>(1)</sup> FITTING TYPE		
ORDER CODE	FITTING FACE	FITTING LENGTH 'E'
140	15° Chamfer	40 mm (1.58 Inches)
148	15° Chamfer	48 mm (1.89 Inches)
155	15° Chamfer	55 mm (2.16 Inches)
230	Straight	30 mm (1.18 Inches)
240	Straight	40 mm (1.58 Inches)
250	Straight	50 mm (1.97 Inches)
260	Straight	60 mm (2.36 Inches)
Consult factory for other fitting types		

<sup>(1)</sup> A product of Ingold Messtechnik