

PENBERTHY

material specifications

For: TSM and TSM-F GAGES

Model TSM

Ref. No.	Description	Standard Materials to -20°F	Optional Materials
1	Cover	ASME SA285/ASTM A285 Gr. C Carbon Steel	None
2	Chamber	ASME SA285/ASTM A285 Gr. C Carbon Steel	None
3	Stud	AISI 4140 or 4142 Alloy Steel per ASTM A193 Gr. B7	None
4	Nut	ASTM A194 Carbon Steel Gr. 2 or 2H	None
7	Gasket	Grafoil® Gr. GHR w/316 STS insert	Nobestos® D7301
8	Cushion		
9	Shield	Mica per Military Specification MIL-G-16356D	None
38	Plug	ASME SA105/ASTM A105 (forged) Carbon Steel	None
48	Glass	Transparent Style Tempered Borosilicate	None
103	Connectors	ASME SA106/ASTM A106 Gr. B Carbon Steel	None
125	Belleville Washer	Cadmium Plated H11/H13 Carbon Steel	17-7 PH Stainless Steel
324	Standpipe	ASME SA106/ASTM A106 Gr. B Carbon Steel	None
331	Band	Rubber	None

Model TSM-F

63	Cross	ASME SA181/ASTM A181 Cl. 60 Carbon Steel or ASME SA105/ASTM A105 Carbon Steel	None
98	Tee	ASME SA181/ASTM A181 Cl. 60 Carbon Steel or ASME SA105/ASTM A105 Carbon Steel	None
176	Flanges 1/2-1500 LG F SO	ASME SA105/ASTM A105 Carbon Steel	None
283	Loop	ASME SA106/ASTM A106 Gr. B Carbon Steel	None