Technical Data Sheet

tubing drain

Type SB Tubing Drain

Features

- Carbon Steel Body Construction Standard
- Viton Seals Standard (back-up rings not required)
- Brass Screws provide consistent and accurate shear values while reducing wear on steel parts, permitting reuse

Dimensions and Operational Info

TUBING SIZE (NOM)	OD (A) (IN.)	ID (B) (IN.)	LENGTH (C) (IN.)	MAX # OF SCREWS	MAX SHEAR PRESSURE[1] (PSI)	SHEAR PRESSURE / SCREW[1,2] (PSI)
2-3/8	3.38	2.06	11.75	6	5400	900
2-7/8[3]	3.88	2.47	12.50	6	4800	800
3-1/2	4.5	2.97	13.75	6	4320	720
4-1/2	5.56	3.96	19.50	10	5000	500
5-1/2	6.06	4.70	20.00	8	4000	500

[1] These values will vary ± 10% due to material manufacturing tolerances
[2] When using less than the maximum # of screws, space them evenly around the sleeve
[3] An assembly with 7 shear screws is available on request. Standard body material is L80 for this assembly

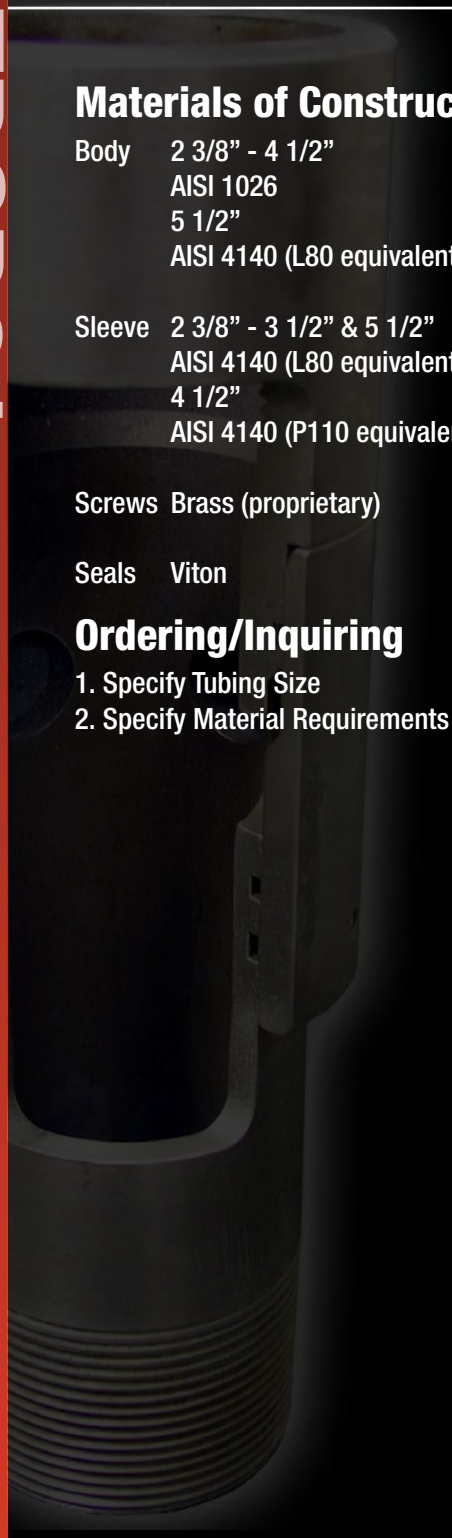
MADE IN CANADA

ISO 9001: 2000 Registered by QUASAR

Specifications subject to change without notice

PB-TBGD01

plainsman mfg. inc.

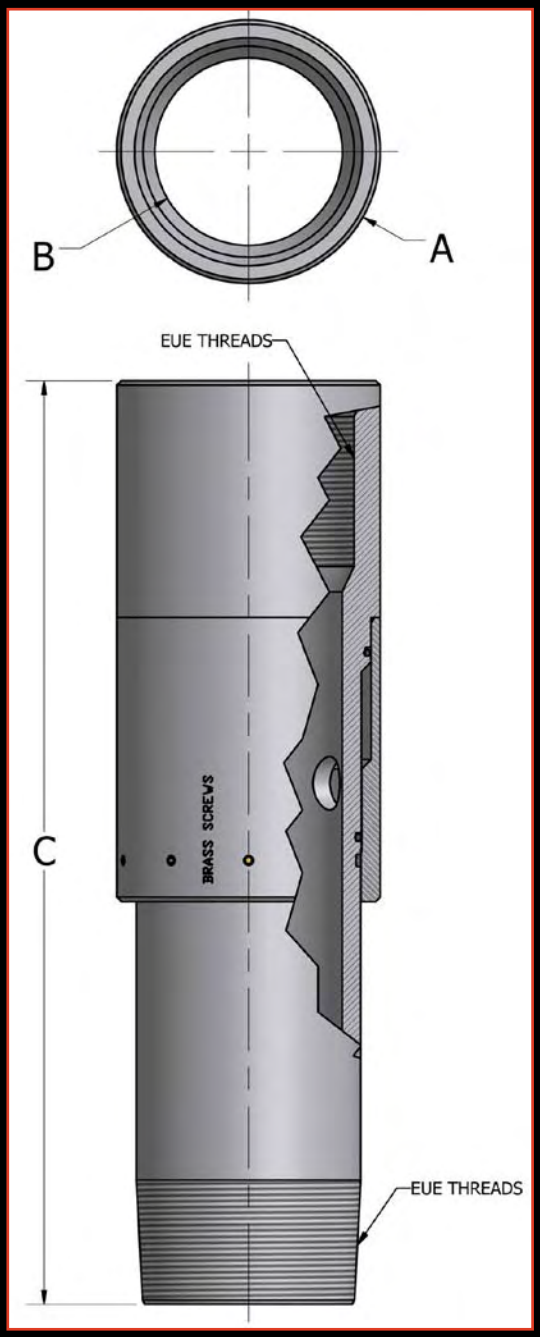


Materials of Construction

Body	2 3/8" - 4 1/2"	Standard
	AISI 1026	Standard
	5 1/2"	
	AISI 4140 (L80 equivalent)	
Sleeve	2 3/8" - 3 1/2" & 5 1/2"	Standard
	AISI 4140 (L80 equivalent)	
	4 1/2"	
	AISI 4140 (P110 equivalent)	
Screws	Brass (proprietary)	Standard
Seals	Viton	Standard

Ordering/Inquiring

1. Specify Tubing Size
2. Specify Material Requirements



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