LEGEND®
PLUMBING • INDUSTRIAL • COMMERCIAL • HYDRONICS

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

MALE BOILER DRAIN

T-521

Full-pattern body, packing and handwheel construction

Available in nominal 1/2" and 3/4" MNPT, CTS (sweat) or 1/2" PEX inlet x 3/4" MGHT hose thread outlet sizes.

Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 125 psi
Saturated steam (WSP): Not recommended for steam applications



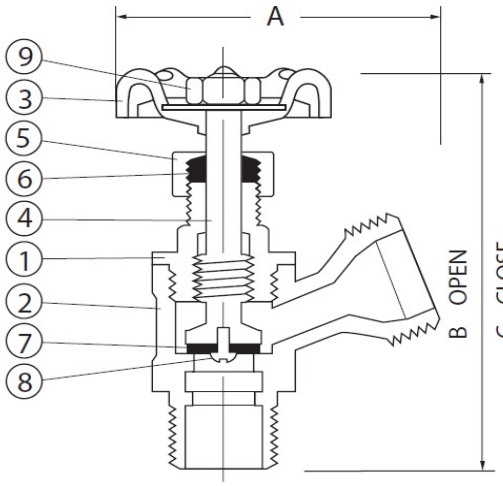
Pictured:
T-521

MATERIAL SPECIFICATION

	PART	MATERIAL	SPECIFICATION
1	Bonnet	Cast brass	UNS Alloy C85700
2	Body	Cast brass	UNS Alloy C85700
3	Handle	Cast iron	ASTM A48 Class 35
4	Stem	Cast brass	UNS Alloy C85700
5	Packing nut	Brass	UNS Alloy C36000
6	Stem packing	NBR (Buna-N) rubber	Commercial grade
7	Seat washer	NBR (Buna-N) rubber	Commercial grade
8	Seat retaining screw	Stainless steel	AISI grade 304
9	Handle fastener	Cadmium plated steel	AISI 1010

DIMENSIONS - Inch

Size	A	B	C
1/2" MNPT/Sweat	2.60	3.60	3.40
3/4" MNPT	2.60	3.70	3.50
3/4" Sweat	2.60	3.75	3.55
1/2" PEX	2.60	4.30	4.10



Pictured:
T-521
Cut-away

Standards:

ANSI/ASME B1.20.1: Pipe threads, general purpose, Inch
ANSI/ASME B16.18: Cast pressure alloy solder-joint pressure fitting
ANSI/ASME B1.20.7: Hose coupling screw threads, Inch
ASTM F1807: Metal insert fittings utilizing a copper crimp ring or stainless steel clamps.