

## SUBMITTAL SHEET

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

# TWO-PIECE LARGE PORT CARBON STEEL BALL VALVE

## T-725

Heavy-duty two-piece investment cast body design  
Bottom-loaded blowout-proof stem  
Equipped with a latch-lock handle  
Ideal for commercial and industrial applications  
Fiber reinforced graphite impregnated seats maintain their shape in high-pressure service.  
Integral, tapped mounting pad for actuation or panel attachment

### Working Pressure, Non-Shock (PSI)

Saturated Steam: 150  
Cold Water, Oil, Gas: (1/4" to 1") 2000 psi  
(1-1/4" to 2") 1500 psi

Conforms to Federal Specification WW-V-35C, Type II, Composition: CS, Style: 3

Conforms to MSS Standard Practice 110

Threaded end connections comply with ANSI / ASME B1.20.1

Manufactured in an ISO 9002 accredited facility



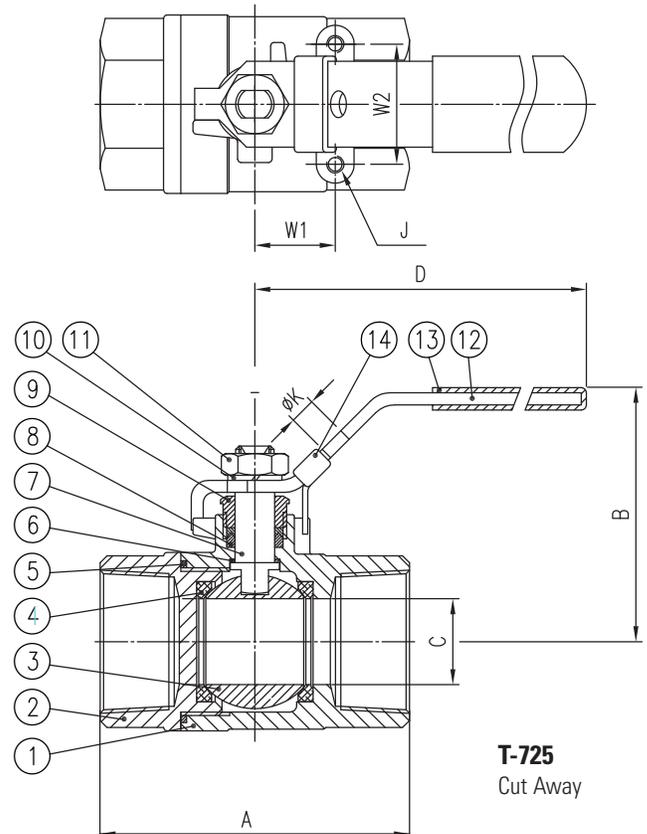
### MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Body	Investment cast carbon steel	ASTM A216 WCB
2 End adapter	Investment cast carbon steel	ASTM A216 WCB
3 Ball	Stainless steel	1/4" - 1/2": ASTM A276 316 3/4" - 2": ASTM A351 CF8M
4 Seats (2)	Graphite-impregnated RTFE	20% glass fiber, 5% graphite
5 End adapter seal	PTFE	Dupont Teflon*
6 Thrust washer	PTFE	Dupont Teflon*
7 Stem	Stainless steel	ASTM A276 316
8 Stem packing (dual-ring)	PTFE	Dupont Teflon*
9 Packing nut	Stainless steel	AISI 304
10 Split (lock) washer	Stainless steel	AISI 304
11 Handle nut	Stainless steel	AISI 304
12 Handle	Stainless steel	AISI 304
13 Handle sleeve	Vinyl	Commercial grade
14 Latch lock	Stainless steel	AISI 304

\*TEFLON IS A REGISTERED TRADEMARK OF DUPONT

### DIMENSIONS

Size	A	B	C	D	J	K	W1	W2
1/4"	2.01	1.97	0.37	3.94	10-24 UNC screw thread	0.20	0.50	1.12
3/8"	2.01	1.97	0.37	3.94	10-24 UNC screw thread	0.20	0.50	1.12
1/2"	2.34	1.97	0.49	3.94	10-24 UNC screw thread	0.30	0.50	1.12
3/4"	2.76	2.09	0.59	5.12	10-24 UNC screw thread	0.30	0.88	1.38
1"	3.31	2.52	0.79	5.12	10-24 UNC screw thread	0.30	0.88	1.38
1-1/4"	3.58	2.60	0.98	6.50	1/4"-20 UNC screw thread	0.30	0.88	1.38
1-1/2"	4.09	3.11	1.26	6.50	1/4"-20 UNC screw thread	0.30	1.00	1.50
2"	4.61	3.27	1.50	7.48	1/4"-20 UNC screw thread	0.30	1.00	1.50



**T-725**  
Cut Away