

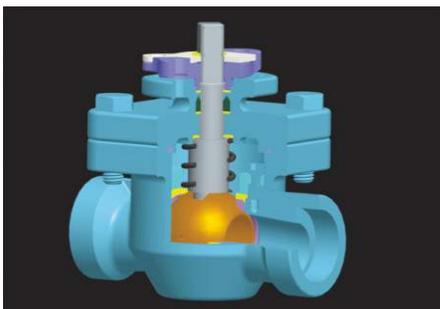
TOP ENTRY FULL PORT BALL VALVES

DESIGN FEATURES

- Top Entry, Floating Ball
- Body-cover Bolted Joint Not Affected by Pipe Stressed
- Blow-out Proof and Anti-static Stem
- Tight Shut-off and Long Cycle Life
- Permits In-line Access for Seat Replacement
- Welding into Line Possible Without Disassembly

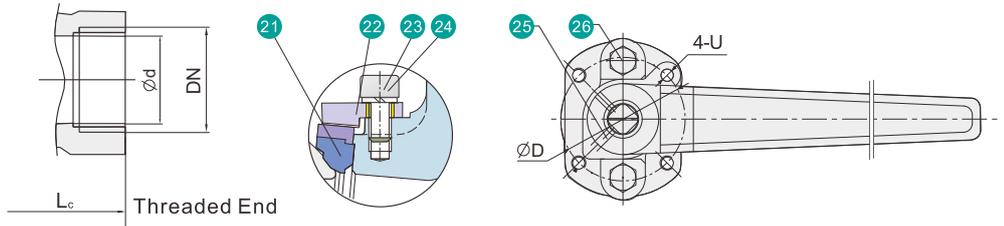


SERIES KV - T41 KV - T21



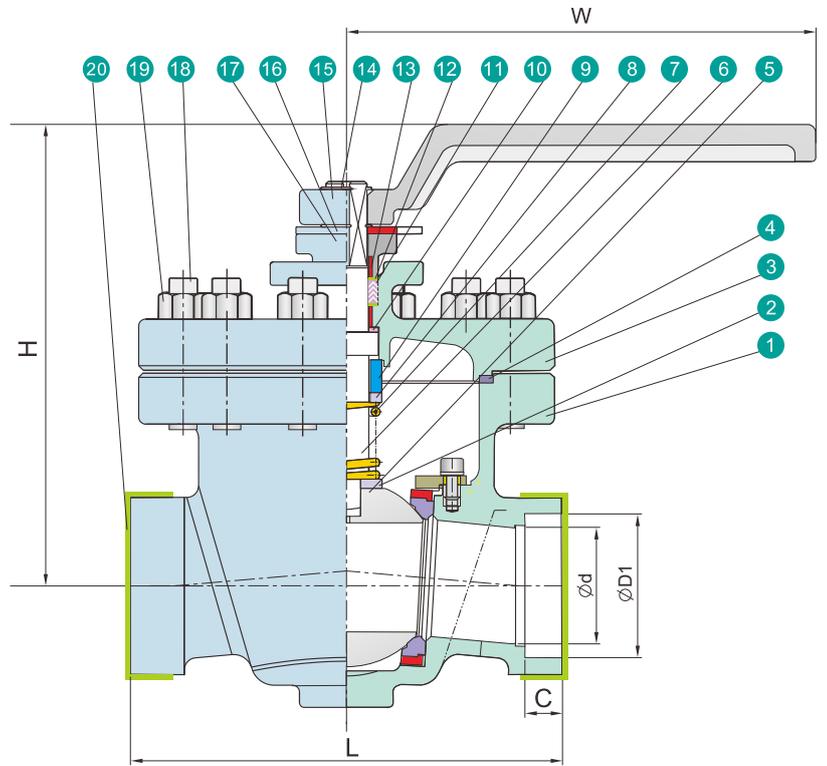
APPLICABLE STANDARDS:

- Design : ASME B16.34
- Wall Thickness : ASME B16.34
- Socket Welded End : ASME B16.11
- Pipe Thread : ASME B1.20.1
- Inspection & Testing : API 598, API 6D
- KV-T03: Threaded, Class 600
- KV-T23: Socket Welded, Class 600



NO.	PART NAME	MATERIALS		
		CF8M	CF8	WCB
1	Body	CF8M	CF8	WCB
2	Handle Gland	316		304
3	Cap	CF8M	CF8	WCB
4	Body Gasket	PTFE / GRAFOIL*		
5	Ball	CF8M		CF8
6	Stem	316		SUS304/A182-F6a
7	Spring	316		304
8	Adjusting Gasket	316		304
9	Guiding Bushing	316		304
10	Thrust Washer	PTFE		
11	Stem Packing	PTFE / GRAFOIL*		
12	Stem Gasket	316		304
13	Stem Bushing	RTFE		
14	Snap Ring	304		
15	Handle	QT400 - 18		
16	Stop-Lock-Plate	304		
17	Gland Packing	304		
18	Bolting	A193-B8		A193-B7
19	Nut	A194-8		A194-2H
20	Protection Cover	PVC		
21	Ball Seat	TFM1600+316 Outer Ring		
22	Gland	316		304
23	Hex. Bolting	A193 - B8M		A193 - B8
24	Spring Washer	316		304
25	Screw	A193 - B8		
26	Bolt	A193-B8		A193-B7

*Materials for FIRE-SAFE Models



Unit: mm

SIZE	d	W	L	Lc	H	D	U	D1	C	ØDN
DN15	1/2"	15	85	97	120	Ø42	M5	21.8	10	NPT
DN20	3/4"	20	95	105	120	Ø42	M5	27.3	13	BSP
DN25	1"	25	124	146	130	Ø50	M6	34.5	13	PT
DN40	1-1/2"	38	152	172	175	Ø70	M8	49.2	14	DIN
DN50	2"	50	184	196	200	Ø70	M8	61.6	16	ETC
DN80	3"	76	205	205	214	Ø102	M10	90.0	16	
DN100	4"	100	240	240	250	Ø102	M10	115.5	19	