

# Ball Valves





## Type 1000 Carbon Steel Ball Valves

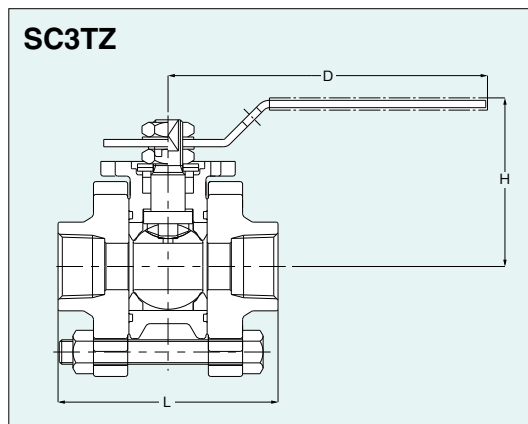
### Reduced bore, Three-piece body design, Threaded or socket welding ends

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#### Features

- Blowout-proof stem
- Swing-away body for maintenance ease
- Choice of threaded ends:
  - Rc threads to JIS B0203 (BS 21) (Fig. SC3TZ)
  - NPT threads to ASME B1.20.1 (Fig. AKSC3TZ)
  - Socket welding ends to JIS B2316 (BS 5351)/ASME B16.11 (Fig. SWSC3TZ)
  - Socket welding ends to ASME B16.11 (Fig. AWSC3TZ)

SC3TZ



#### Standard Materials

Parts	Materials
Body	WCB
Body cap	WCB
Ball	CF8M/316
Stem	316
Seat	HYPATITE® PTFE
Gland packing	PTFE
Gasket	PTFE
Handle	Plastic covered S.S.

End to end dimensions: KITZ standard

#### Dimensions of SC3TZ

Unit: mm

Nominal Size	NPS	1/2	3/4	1	1 1/4	1 1/2	2
	DN	15	20	25	32	40	50
Ball bore		10	14	19	24	30	38
L		63	71	90	103	110	127
H		48	60	69	83	88	104
D		120	130	130	150	150	180

#### Valve operator

Lever operation  
Oval handle as option

#### Note

• Use SC3TZF for NPS 1/4 and 3/8.

## Type 600 Stainless Steel Ball Valves

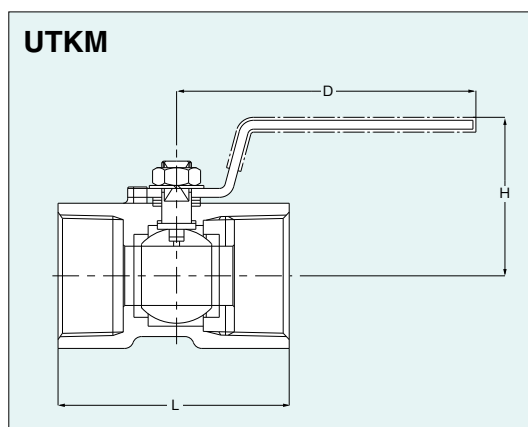
### Reduced bore, Uni-body design, Threaded ends

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#### Features

- Blowout-proof stem
- Choice of threaded ends:
  - Rc threads to JIS B0203 (BS 21) (Fig. UTKM)
  - NPT threads to ASME B1.20.1 (Fig. AKUTKM)

UTKM



#### Standard Materials

Parts	Materials
Body	CF8M
Ball	CF8M/316
Stem	316
Seat	Glass filled PTFE
Gland packing	Reinforced PTFE
Handle	Plastic covered S.S.

End to end dimensions: KITZ standard

#### Dimensions of UTKM

Unit: mm

Nominal Size	NPS	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	DN	8	10	15	20	25	32	40	50
Ball bore		4.5	6.8	9.2	12.5	16	20	24.5	32
L		39	44	56.5	59	71	78	83	100
H		31	36	41	44	48	54	65	72
D		60	70	85	85	100	100	125	125

#### Valve operator

Lever operation  
T-type handle as option