

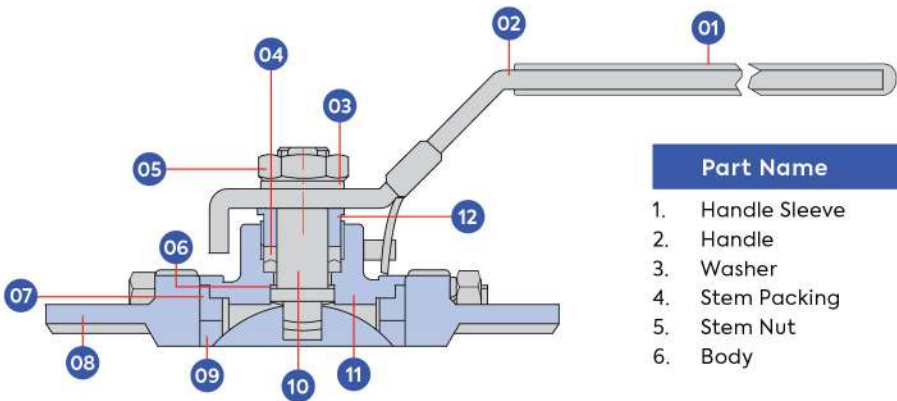


50 Series

3-Piece Body Design

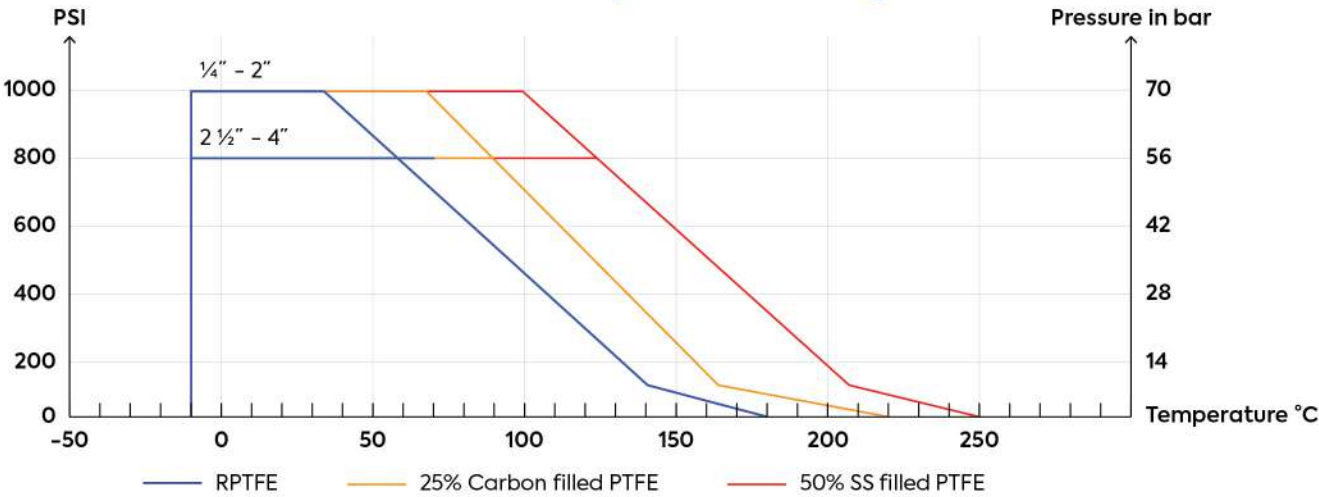
- Full Bore
- Sizes ¼" - 4"
- 1000 WOG
- WCB / SS316 body
- Threaded End, Socket Weld End, Butt Weld End
- Superior Live Loaded Packing System
- Blowout-Proof Stem
- Dual Anti-Static Device
- Standard Seat:
- RPTFE (max. 180°C)
- Seat Options:
- 25% Carbon filled (max. 220°C)
- 50% SS filled (max. 240°C)
- Lockable Handle

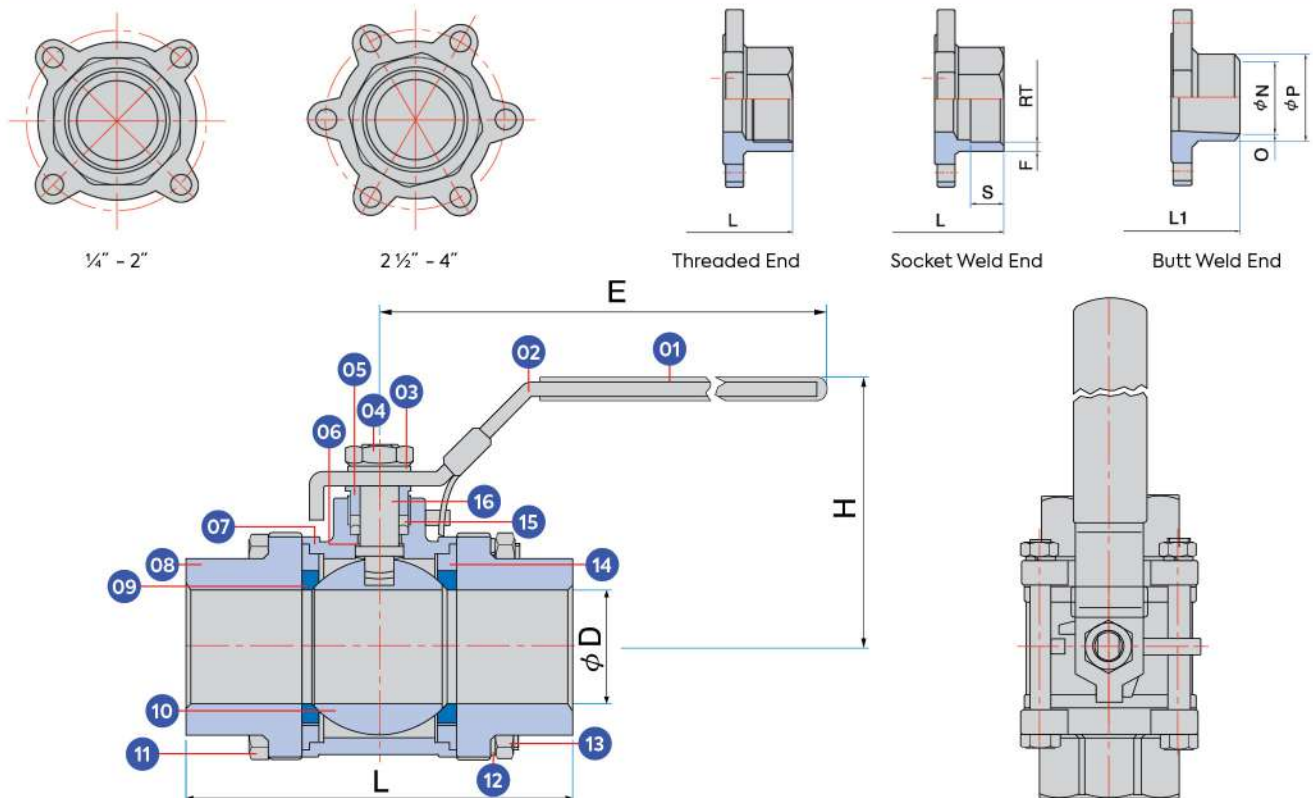
ValveWerkz 50 series ball valves feature a high quality investment casting body and ends. They are available ¼" - 4" with threaded, socket weld and butt weld ends. Superior leak protection is, accomplished by using a live-loaded packing system including Belleville washers and double "V" ring packing.



Part Name		
1.	Handle Sleeve	7. Joint Gasket
2.	Handle	8. Body Seal
3.	Washer	9. Seat
4.	Stem Packing	10. Stem
5.	Stem Nut	11. Body
6.	Body	12. Gland Nut

Pressure / Temperature Ratings





Part Name	Material	Part Name	Material	Part Name	Material
1. Handle Sleeve	VINYL	7. Body	SUS316 / WCB	13. Bolt Nut	SUS304
2. Handle	SUS304	8. End Cap	SUS316 / WCB	14. Joint Gasket*	PTFE
3. Washer	SUS304	9. Seat*	RPTFE	15. Stem Packing*	PTFE
4. Stem Nut	SUS304	10. Ball	SUS316	16. Stem	SUS316
5. Gland Nut	SUS304	11. Bolt	SUS304		
6. Stem Seal*	PTFE	12. Washer	SUS304		

*Spare Parts available in Repair Kit. Please refer to page 59 for more details.

Dimensions(mm)

Size	ØD	E	F	H	S	L	L1	LE	ØN	ØN1	O	ØP	ØP1	RT	CV	Weight(kg)
1/4"	11.6	103	3.6	54	11	59	61	223	11.6	11.6	1	18	15	14.2	7	0.34
3/8"	12.5	103	2	54	11	59	61	223	12.5	14	1	18	17	17.7	8	0.32
1/2"	15	133	2	55	12	69	69	225	17	15.6	1	22.7	21	21.9	15	0.56
3/4"	20	133	2.6	59	14	78	78	225	22.5	20.7	1	27.7	26.8	27.2	10	0.72
1"	25	153	3.2	70	14	84	84	244	26	25.8	1	33.5	34.4	33.9	70	1.02
1 1/4"	32	153	4.05	75	15	104	104	253	34.4	33.3	1	42.2	43.4	42.7	110	1.5
1 1/2"	38	191	3.7	84	17	119	119	258	41.5	40.5	1	48.8	49.8	48.8	250	2.38
2"	50	191	4.35	92	19	131	131	275	53	51.5	1	61	61	61.3	400	3.54
2 1/2"	65	247	5.75	128	21	162	162	332	65.8	68	1	77	77	74	600	7.12
3"	80	247	5.25	137	25	182	182	351	81	81	1	91	91	90	1100	12.3
4"	100	295	5.7	173	30	230	230	360	102	101	1	115	115	115.6	2000	19.65

The information provided in this document is intended for informational purposes only and is subject to change without notice.

REQUEST FOR QUOTE

**STEP 1**

Find the model series

**STEP 2**

Define the specification/
valve code

**STEP 3**

Fill up ordering sheet (back of the brochure) or Scan the QR code below

**STEP 4**

Submit your order via our website or contact your local partner

**STEP 5**

Prepare for confirmation and delivery

*For further assistance with placing your order, please contact your local partner.
A sales engineer will be assigned to assist you.

Valve Coding Sheet 50 Series

01	02	03	04	05	06																																																										
		A			L																																																										
Body Material	Seat Material	Rating	Size	Connection	Operation																																																										
<table border="1"> <thead> <tr> <th>Code</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>WCB</td> </tr> <tr> <td>S2</td> <td>SS316</td> </tr> </tbody> </table>	Code	Material	C1	WCB	S2	SS316	<table border="1"> <thead> <tr> <th>Code</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>T</td> <td>RPTFE</td> </tr> <tr> <td>M</td> <td>25% Carbon Filled PTFE</td> </tr> <tr> <td>G</td> <td>50% SS Filled PTFE</td> </tr> </tbody> </table>	Code	Material	T	RPTFE	M	25% Carbon Filled PTFE	G	50% SS Filled PTFE	<table border="1"> <thead> <tr> <th>Code</th> <th>Rating</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1000WOG</td> </tr> </tbody> </table>	Code	Rating	A	1000WOG	<table border="1"> <thead> <tr> <th>Code</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1/4"</td> </tr> <tr> <td>B</td> <td>3/8"</td> </tr> <tr> <td>C</td> <td>1/2"</td> </tr> <tr> <td>D</td> <td>3/4"</td> </tr> <tr> <td>E</td> <td>1"</td> </tr> <tr> <td>F</td> <td>1 1/4"</td> </tr> <tr> <td>G</td> <td>1 1/2"</td> </tr> <tr> <td>H</td> <td>2"</td> </tr> <tr> <td>I</td> <td>2 1/2"</td> </tr> <tr> <td>J</td> <td>3"</td> </tr> <tr> <td>K</td> <td>4"</td> </tr> </tbody> </table>	Code	Material	A	1/4"	B	3/8"	C	1/2"	D	3/4"	E	1"	F	1 1/4"	G	1 1/2"	H	2"	I	2 1/2"	J	3"	K	4"	<table border="1"> <thead> <tr> <th>Code</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>BSP</td> </tr> <tr> <td>N</td> <td>NPT</td> </tr> <tr> <td>S</td> <td>Socket Weld</td> </tr> <tr> <td>W</td> <td>Butt Weld</td> </tr> <tr> <td>X</td> <td>Others (To be specified)</td> </tr> </tbody> </table>	Code	Material	B	BSP	N	NPT	S	Socket Weld	W	Butt Weld	X	Others (To be specified)	<table border="1"> <thead> <tr> <th>Code</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>L</td> <td>Lever</td> </tr> </tbody> </table>	Code	Type	L	Lever
Code	Material																																																														
C1	WCB																																																														
S2	SS316																																																														
Code	Material																																																														
T	RPTFE																																																														
M	25% Carbon Filled PTFE																																																														
G	50% SS Filled PTFE																																																														
Code	Rating																																																														
A	1000WOG																																																														
Code	Material																																																														
A	1/4"																																																														
B	3/8"																																																														
C	1/2"																																																														
D	3/4"																																																														
E	1"																																																														
F	1 1/4"																																																														
G	1 1/2"																																																														
H	2"																																																														
I	2 1/2"																																																														
J	3"																																																														
K	4"																																																														
Code	Material																																																														
B	BSP																																																														
N	NPT																																																														
S	Socket Weld																																																														
W	Butt Weld																																																														
X	Others (To be specified)																																																														
Code	Type																																																														
L	Lever																																																														

Your Valve Ordering Code:

50	01	02	03	04	05	06
			A			L

Example:

50 Series - S2TABBL.

SS316 Material. RPTFE Seat. Pressure Rating of 1000WOG, 3/8 inch size. Connection Type of BSPT - Tapered. Lever Operating type.

*For special material or customisation, please refer to our sales engineer.



SCAN FOR ONLINE
ORDERING FORM

Tel: +65 6909 1221
Email: enquiry@valvewerkz.com
Website: www.valvewerkz.com

Repair Kits Available

Extend the life of your valves with ready-to-order repair kits. Swap out critical parts like bushings, seals, and seats on-site without replacing the whole valve. It's faster, more economical, and keeps your operations moving.

50 & 90 Series

Part Name	Qty
50 Series	
1. Bushing	-
2. Packing	1
3. Stem Seal	1
4. O-Ring Packing	1
5. Seat	2
90 Series	
1. Bushing	1
2a. V-Ring Packing	1 Set (3 pcs)
3. Stem Seal	1
4. O-Ring Packing	1
5. Seat	2

80 Series

Part Name	Qty
1. Bushing	1
2. V-Ring Packing	1 Set (3 pcs)
3. Upper Stem Seal	1
4. Compress Ring	1
5. Stem Seal	1
6. Seat	2
7. Body Gasket	2

