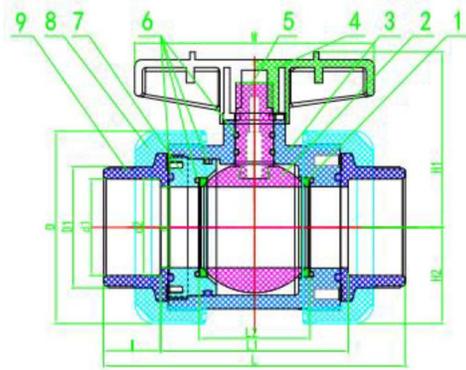


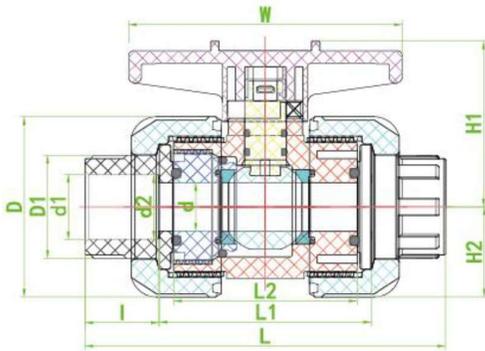
## Starke PPH Union Ball Valve

### Specifications

- 1) Material: PPH
- 2) Sizes: 20mm – 110mm OD, DN15-DN100
- 3) Standard: DIN
- 4) Joint End: Socket, Threaded, Flange (ANSI/DIN)
- 5) Seat: PTFE
- 6) O-ring – EPDM, FKM (On request)
- 7) Operating Temperature: 0° C to 95° C
- 8) Working Pressure: 20mm-110mm OD – PN10



Part No.	Part	Material	Qty
1	Seat	PTFE	2
2	Ball	PPH	1
3	Body	PPH	1
4	Handle	PPGF	1
5	Stem	PPH	1
6	O-ring	EPDM	7
7	Seal	PPH	1
8	Screw	PPH	2
9	Union (End)	PPH	2



Size (in)	DN	d(mm)	d1(DIN)	d2(DIN)	D	D1	L	I	L1	L2	W	H1	H2	Torque (NM)
1/2"	15	20	19.20	19.00	56.0	32.0	112.0	23.0	66.0	57.0	85.0	51.8	28.0	2.0
3/4"	20	25	24.20	23.90	65.0	37.0	120.0	26.0	68.0	59.0	90.0	61.0	32.5	2.5
1"	25	32	31.10	30.90	76.0	45.5	136.0	29.0	76.0	68.0	106.0	69.3	38.0	3.0
1-1/4"	32	40	39.00	38.80	87.0	55.5	150.5	32.5	85.0	76.0	116.0	80.8	43.5	3.5
1-1/2"	40	50	49.00	48.70	101.0	62.0	168.0	35.5	95.5	86.5	128.0	92.0	50.5	4.5
2"	50	63	61.90	61.60	121.0	79.0	180.0	38.5	103.0	92.0	155.0	108.0	60.6	5.5
2-1/2"	65	75	73.70	73.40	150.0	94.2	235.0	44.5	146.0	134.0	195.0	135.0	75.0	7.5
3"	80	90	88.60	88.20	169.5	110.0	265.0	51.0	163.0	148.0	215.0	150.5	85.0	8.6
4"	100	110	108.40	108.00	190.0	132.0	304.0	61.5	181.0	157.0	255.0	166.0	95.0	12.0

### STARKE PLASTICS PRIVATE LIMITED

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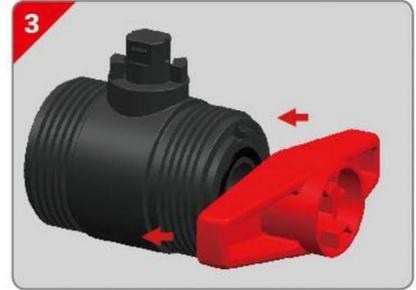
## Starke PPH Union Ball Valve Installation Process



1 Turn the ball valve off, and loosen Screw Nuts by turning counter-clockwise.



2 Pull out the Handle as arrow indication.



3 Match the protrusions of Handle with the grooves on the Seal Carrier.



4 Tightening the Seat by turning the handle counter-clockwise (as shown by arrow)



5 Assemble the handle back to ball valve.



6 Turn back the Screw Nuts to finish installation.

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