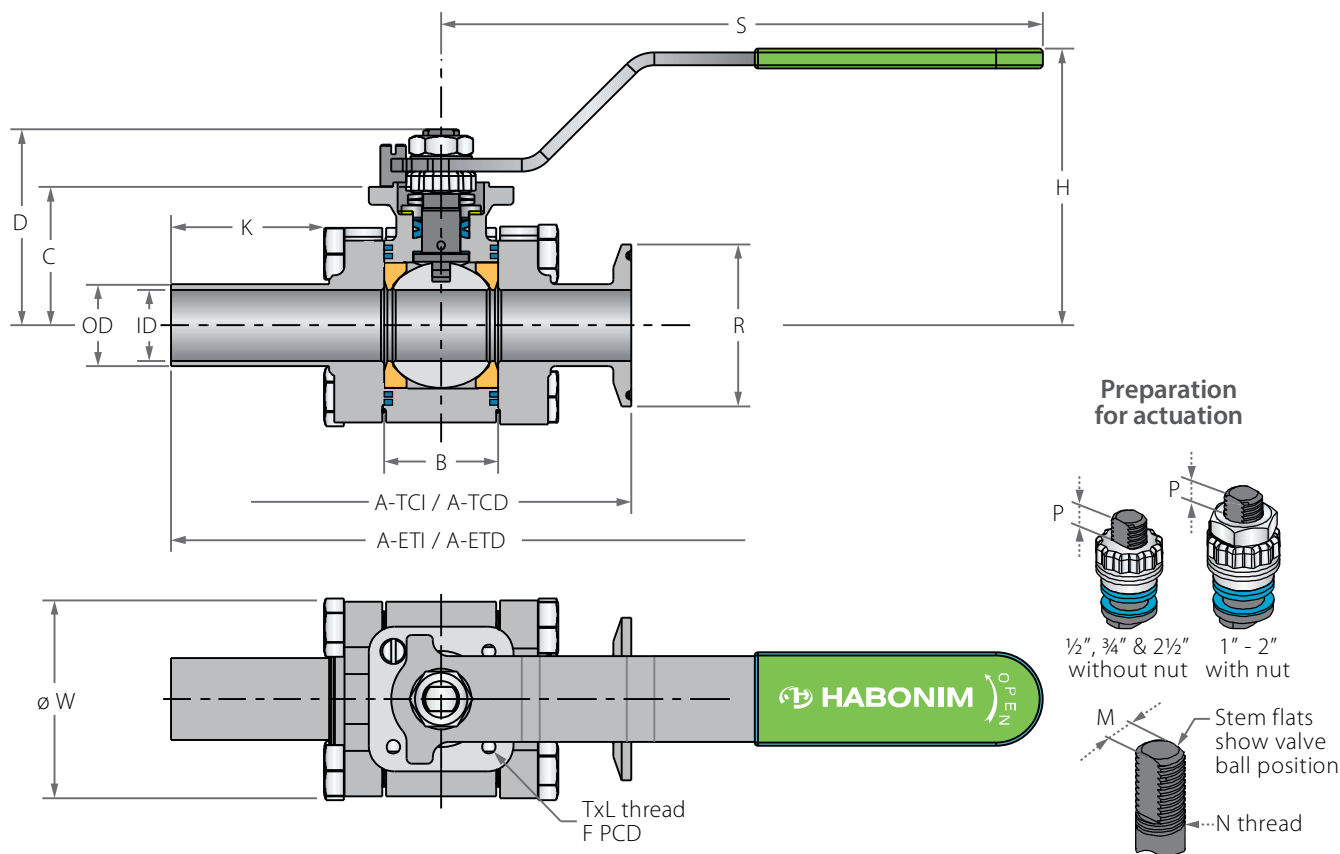


ISO 1127 / DIN 11850 Floating Ball 3 Piece

Valve dimensions



ISO 1127 Tube Sized

Std. port	Unit	Ball port	Pipe ID	Pipe OD	A ETI	A TCI	B	C	D	H	S	W	M	N	P	F	TxL	Weight kg/lb	Kv C _v	
DN10	mm	14.30	14.00	17.20	146.50	101.50	24.50	31.40	40.30	63.90	150.00	53.70	5.54	¾ UNF	6.65	(F03)	36.00	M5X10	0.80	10
¾"	inch	0.56	0.55	0.68	5.76	3.99	0.97	1.24	1.59	2.52	5.91	2.11	0.22		0.26	1.42	1.42		1.77	12
DN15	mm	15.75	18.10	21.30	146.60	102.00	24.60	36.00	45.00	67.90	150.00	52.10	5.54	¾ UNF	6.65	(F03)	36.00	M5X10	1.00	29
½"	inch	0.62	0.71	0.84	5.77	4.00	0.97	1.42	1.77	2.67	5.91	2.05	0.22		0.26	1.42	1.42		2.10	34
DN20	mm	22.10	23.70	26.90	167.8	118.00	35.50	43.50	61.00	84.80	187.00	60.45	7.54	¾ UNF	7.40	(F04)	42.00	M5X10	1.70	53
¾"	inch	0.87	0.93	1.06	6.60	4.65	1.40	1.71	2.41	3.34	7.36	2.38	0.30		0.29	1.65	1.65		3.80	62
DN25	mm	25.40	29.70	33.70	179.30	133.70	41.30	42.70	60.20	84.10	187.00	71.70	7.54	7/16 UNF	7.40	(F04)	42.00	M5X10	2.50	49
1"	inch	1.00	1.17	1.33	7.05	5.26	1.62	1.68	2.37	3.31	7.36	2.82	0.30		0.29	1.65	1.65		5.53	57
DN32	mm	38.10	38.40	42.40	200.30	158.90	56.30	48.30	77.80	101.80	237.00	96.90	8.71	7/16 UNF	8.50	(F05)	50.00	M6X12	4.50	102
1¼"	inch	1.50	1.51	1.67	7.88	6.25	2.22	1.90	3.06	4.01	9.33	3.82	0.34		0.33	1.97	1.97		9.95	118
DN40	mm	38.10	44.30	48.30	200.30	158.90	56.30	48.30	77.80	101.80	237.00	96.90	8.71	9/16 UNF	8.50	(F05)	50.00	M6X12	4.50	102
1½"	inch	1.50	1.74	1.90	7.88	6.25	2.22	1.90	3.06	4.01	9.33	3.82	0.34		0.33	1.97	1.97		9.95	118
DN50	mm	50.80	56.30	60.30	232.60	213.00	72.60	70.00	88.10	115.10	237.00	108.00	8.71	9/16 UNF	13.50	(F07)	70.00	M8X12	9.50	208
2"	inch	2.00	2.22	2.37	9.15	8.38	2.86	2.76	3.47	4.53	9.33	4.25	0.34		0.53	2.76	2.76		21.00	241

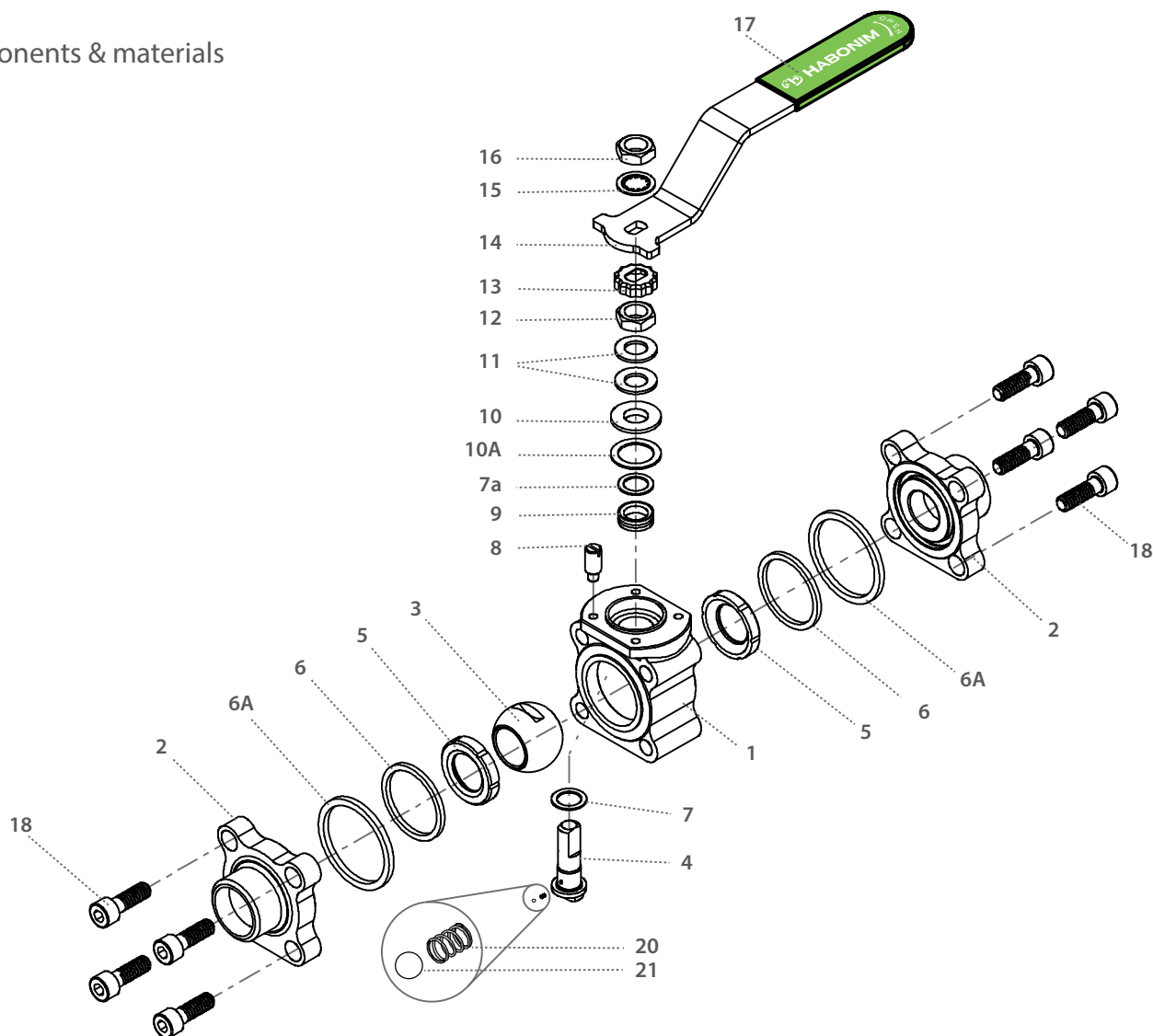
DIN 11850 Tube Sized

Std. port	Unit	Ball port	Pipe ID	Pipe OD	A ETD	A TCD	B	C	D	H	S	W	M	N	P	F	TxL	Weight kg/lb	Kv Cv	
DN10	mm	11.15	10.00	13.00	140.60	88.80	20.60	29.00	37.9	61.50	150.00	47.00	5.54	¾ UNF	6.65	(F03)	36.00	M5X10	0.60	2.6
3/8"	inch	0.44	0.39	0.51	5.53	6.49	0.81	1.14	1.49	2.42	5.91	1.85	0.22		0.26		1.42			1.33
DN15	mm	15.75	16.00	19.00	146.60	102.00	24.60	36.00	45.00	67.90	150.00	52.10	5.54	¾ UNF	6.65	(F03)	36.00	M5X10	1.00	29
½"	inch	0.62	0.63	0.75	5.77	4.00	0.97	1.42	1.77	2.67	5.91	2.05	0.22		0.26		1.42			2.10
DN20	mm	20.60	20.00	23.00	164.10	114.30	31.70	38.10	55.60	79.40	187.00	63.70	7.54	¾ UNF	7.40	(F04)	42.00	M5X10	1.60	28
¾"	inch	0.81	0.79	0.91	6.46	45.00	1.25	1.50	2.19	3.13	7.36	2.51	0.30		0.29		1.65			3.54
DN25	mm	25.40	26.00	29.00	179.30	133.70	41.30	42.70	60.20	84.10	187.00	71.70	7.54	7/16 UNF	7.40	(F04)	42.00	M5X10	2.50	49
1"	inch	1.00	1.02	1.14	7.05	5.26	1.62	1.68	2.37	3.31	7.36	2.82	0.30		0.29		1.65			5.53
DN32	mm	31.80	32.00	35.00	189.40	139.70	48.40	43.60	73.00	97.00	237.00	86.70	8.71	7/16 UNF	8.50	(F05)	50.00	M6X12	3.60	69
1¼"	inch	1.25	1.26	1.38	7.45	5.50	1.91	1.72	2.87	3.82	9.33	3.41	0.34		0.33		1.97			7.96
DN40	mm	38.10	38.00	41.00	200.30	158.90	56.30	48.30	77.80	101.80	237.00	96.90	8.71	9/16 UNF	8.50	(F05)	50.00	M6X12	4.50	102
1½"	inch	1.50	1.50	1.61	7.88	6.25	2.22	1.90	3.06	4.01	9.33	3.82	0.34		0.33		1.97			9.95
DN50	mm	50.80	50.00	53.00	232.60	213.00	72.60	70.00	88.10	115.10	237.00	108.00	8.71	9/16 UNF	13.50	(F07)	70.00	M8X12	9.50	208
2"	inch	2.00	1.97	2.09	9.15	8.38	2.86	2.76	3.47	4.53	9.33	4.25	0.34		0.53		2.76			21.00



ISO 1127 / DIN 11850 Floating Ball 3 Piece

Components & materials



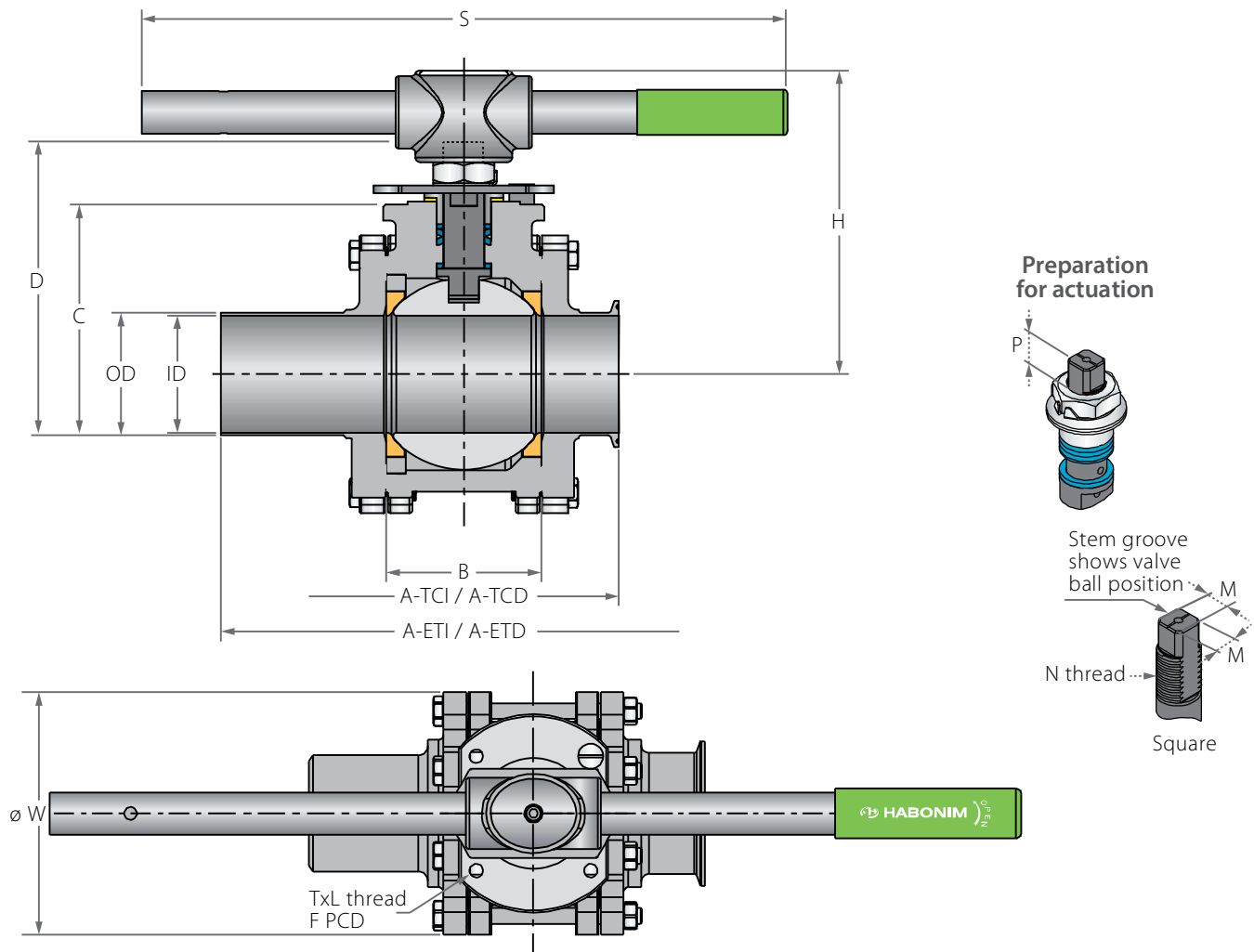
Item	Description	Material specification	Qty.
1	Body	Acc. Ordering Code	1
2	Ends	Acc. Ordering Code	2
3	Ball	Acc. Ordering Code	1
4	Stem	Acc. Ordering Code	1
5*	Seat	Acc. Ordering Code	2
6*	Inner seal	PTFE	2
6A*	Outer seal	Acc. Ordering Code	2
7*	Stem thrust seal	VIRGIN PEEK, PCTFE	1
7a*	Anti-abrasion ring	VIRGIN PEEK, PCTFE	1
8	Stop pin	S. Steel	1
9*	Stem seal	CF PTFE, TFM	1
10	Follower	S. Steel	1

10A*	Slide bearing	S. Steel	1
11	Disc spring	S. Steel	2
12	Stem nut	S. Steel	1
13	Locking clip	S. Steel	1
14	Handle	S. Steel	1
15	Serrated washer	S. Steel	1
16	Handle nut	S. Steel	1
17	Sleeve	PVC	1
18	Body bolt	S. Steel	8
20	Anti-static spring	S. Steel	1
21	Anti-static plunger	S. Steel	1
23	Tag (not shown)	S. Steel	1

* Repair kit components

ISO 1127 / DIN 11850 Floating Ball 3 Piece

Valve dimensions



ISO 1127 Tube Sized

Std. port	Unit	Ball port	Pipe ID	Pipe OD	A ETI	A TCI	B	C	D	H	S	W	M	M-DD	N	P	Q	F	TxL	Weight kg/lb	Kv	
																					Cv	
DN65	mm	63.50	72.10	76.10	283.40	215.80	83.30	98.30	144.90	185.00	400.00	140.00	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10X20	13.70	300
2½"	inch	2.50	2.84	3.00	11.57	8.49	3.28	3.87	5.71	7.29	15.75	5.50	0.74	0.63	UNS-2A	0.66	0.89		4.02		30.30	348
DN80	mm	82.60	84.30	88.90	319.80	245.40	108.80	114.10	160.70	200.00	600.00	177.00	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10X20	23.70	615
3"	inch	3.25	3.32	3.50	12.59	9.66	4.28	4.49	6.33	7.89	23.62	6.97	0.74	0.63	UNS-2A	0.66	0.89		4.02		52.40	713
DN100	mm	100.00	109.70	114.30	390.00	268.80	123.00	124.00	170.50	211.00	600.00	217.00	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10X20	30.00	744
4"	inch	3.94	4.32	4.50	15.35	10.58	4.84	4.88	6.71	8.30	23.62	8.54	0.74	0.63	UNS-2A	0.66	0.89		4.02		66.30	863

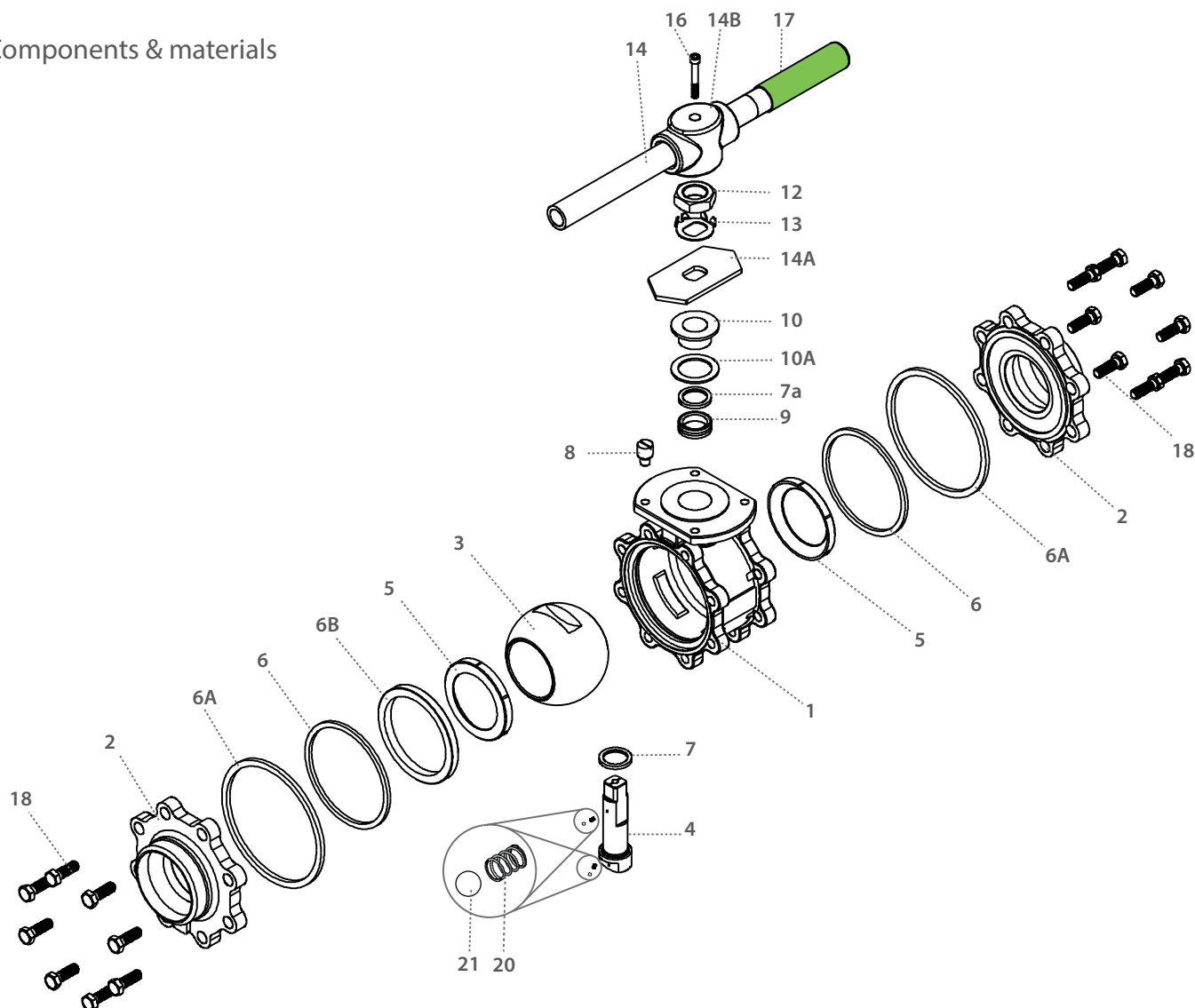
DIN 11850 Tube Sized

Std. port	Unit	Ball port	Pipe ID	Pipe OD	A ETD	A TCD	B	C	D	H	S	W	M	M-DD	N	P	Q	F	TxL	Weight kg/lb	Kv	
																					Cv	
DN65	mm	63.50	66.00	70.00	283.40	215.80	83.30	98.30	144.90	185.00	400.00	140.00	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10X20	13.70	300
2½"	inch	2.50	2.60	2.76	11.57	8.49	3.28	3.87	5.71	7.29	15.75	5.50	0.74	0.63	UNS-2A	0.66	0.89		4.02		30.30	348
DN80	mm	82.60	81.00	85.00	348.80	245.40	108.80	114.10	160.70	200.00	600.00	177.00	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10X20	23.70	615
3"	inch	3.25	3.19	3.35	13.73	9.66	4.28	4.49	6.33	7.89	23.62	6.97	0.74	0.63	UNS-2A	0.66	0.89		4.02		52.40	713
DN100	mm	100.00	100.00	104.00	390.00	268.80	123.00	124.00	170.50	211.00	600.00	217.00	18.90	15.90	1"-14	16.70	22.70	(F10)	102.00	M10X20	30.00	744
4"	inch	3.94	3.94	4.09	15.35	10.58	4.84	4.88	6.71	8.30	23.62	8.54	0.74	0.63	UNS-2A	0.66	0.89		4.02		66.30	863



ISO 1127 / DIN 11850 Floating Ball 3 Piece

Components & materials



Item	Description	Material specification	Qty.
1	Body	Acc. Ordering Code	1
2	Ends	Acc. Ordering Code	2
3	Ball	Acc. Ordering Code	1
4	Stem	Acc. Ordering Code	1
5*	Seat	Acc. Ordering Code	2
6*	Inner seal	PTFE	2
6A*	Outer seal	Acc. Ordering Code	2
6B	Support ring	S. Steel	1
7*	Stem thrust seal	VIRGIN PEEK, PCTFE	1
7a*	Anti-abrasion ring	VIRGIN PEEK, PCTFE	1
8	Stop pin	S. Steel	1
9*	Stem seal	CF PTFE, TFM	1
10	Follower	S. Steel	1
10A*	Slide bearing	S. Steel	1

Item	Description	Material specification	Qty.
11	Disc spring	S. Steel	2
12	Stem nut	S. Steel	1
13	Tab lock washer	S. Steel	1
14	Handle	S. Steel	1
14A	Stop plate	S. Steel	1
14B	Wrench head	S. Steel	1
16	Wrench bolt	S. Steel	1
17	Sleeve	PVC	1
18	Body bolts	S. Steel	8-12
20	Anti-static spring	S. Steel	2
21	Anti-static plunger	S. Steel	2
23	Tag (not shown)	S. Steel	1

* Repair kit components