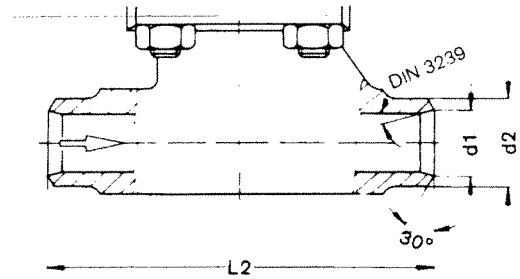
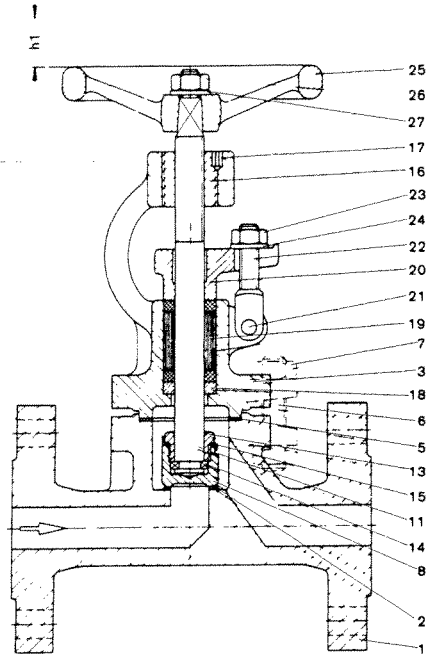


# Stop Valve

Type: VBS1 DN15 PN100

## VBF1 – Stop Valve

## VBS1 – Bevel form 21 DIN 2559



Forged Steel Design

Material Specification		01		10 (from PN 64)	
Part	Part Name	Material	DIN-Nr.	Material	DIN-Nr.
1	Body	C22.8	1.0460	13CrMo44	1.7335
2	Body seat	X20CrMo171	1.4115	X20Cmo171	1.4115
3	Bonnet	C22.8	1.0460	13CrMo44	1.7335
4	Bonnet	C22.8	1.0460	13CrMo44	1.7335
5	Gasket	it	-	it	-
6	Stud	Ck35	1.1181	21CrMoV57	1.7709
7	Hexagon nut	C35	1.0501	24CrMo5	1.7258
8	Stop disc	X20Cr13	1.4021	X35CrMo17	1.4122
9	Check disc	X20Cr13	1.4021	X35CrMo17	1.4122
11	Spindle	X20Cr13	1.4021	X35CrMo17	1.4122
12	Spindle	X20Cr13	1.4021	X35CrMo17	1.4122
13	Threaded connection	9S20	1.0711	13CrMo44	1.7335
14	Split ring	9S20	1.0711	13CrMo44	1.7335
15	Locking plate	RSt13	1.0333	RSt13	1.0333
16	Bushing	CuZn40Pb2	2.0402	CuZn40Pb2	2.0402
17	Straight in	6.8	-	6.8	-
18	Base ring	Sintereisen	-	GGG-NiCuCr1563	-
19	Packing	P1	-	P1	-
20	Gland	C22.8	1.0460	C22.8	1.0460
21	Straight pin	6.8	-	6.8	-
22	Fork pin	Ck35	1.1181	Ck35	1.1181
23	Hexagon nut	C35	1.0501	C35	1.0501
24	Washer	St7	1.0110	St37	1.0110
25	Handwheel	GTW-40	0.8040	GTW-40	0.8040
26	Hexagon nut	C35	1.0501	C35	1.0501
27	Washer	St37	1.0110	St37	1.0110

PN	DN	Dimensions in mm														Flanges						No. of holes
		L1	L2	S1	S2	H	H1	H2	H3	H4	H5	h1	h2	D1	D2	F	K	b	G	f	i	
25	10	130	130	90	90	205	230	300	260	75	55	10	7	120	145	90	60	16	40	2	14	4
1	15	130	130	90	90	205	230	300	260	75	55	10	7	120	145	95	55	16	45	2	14	4
40	20	150	130	95	90	205	230	300	260	75	55	10	7	120	145	105	75	18	58	2	14	4
	25	160	130	100	90	230	285	340	300	100	75	20	10	140	145	115	85	18	68	2	14	4
	32	180	130	105	90	230	265	340	300	100	75	20	10	140	145	140	100	18	78	2	18	4
	40	200	180	115	105	255	335	420	380	135	85	30	15	170	145	150	110	18	88	3	18	4
	50	230	210	125	115	260	350	440	400	150	100	34	20	170	145	165	125	20	102	3	18	4
64	10	210	150	105	95	230	230	300	260	75	50	10	7	120	145	100	70	20	40	2	14	4
	15	210	150	105	95	230	230	300	2W	75	50	10	7	120	145	105	75	20	45	2	14	4
	20	-	150	-	100	230	230	300	250	75	50	10	7	120	145	-	-	-	-	-	-	-
	20	230	-	115	-	230	270	340	300	100	70	20	10	140	145	130	90	22	58	2	18	4
	25	230	160	115	100	230	270	340	300	100	70	20	10	140	145	140	100	24	68	2	18	4
	32	-	160	-	115	230	270	340	300	140	80	20	10	140	145	-	-	-	-	-	-	-
	32	260	-	130	-	295	335	420	390	140	80	30	15	170	145	155	110	24	78	2	22	4
	40	260	210	130	115	295	335	420	380	140	80	30	15	170	145	170	125	25	88	3	22	4
	50	300	250	150	125	295	350	440	400	145	90	34	20	170	145	180	135	26	102	3	22	4
100	10	210	150	105	95	230	230	300	260	75	50	10	7	120	145	100	70	20	40	2	14	4
/	15	210	150	105	95	230	230	300	260	75	50	10	7	120	145	105	75	20	45	2	14	4
160	20	-	150	-	100	230	230	300	260	75	50	10	7	120	145	-	-	-	-	-	-	-
	20	230	-	115	-	230	270	340	300	75	70	20	10	140	145	130	90	22	58	2	18	4
	25	230	160	115	100	230	270	340	3W	75	70	20	10	140	145	140	100	24	68	2	18	4
	32	-	160	-	115	230	270	340	300	140	80	20	10	140	145	-	-	-	-	-	-	-
	32	250	-	130	-	295	335	420	380	140	80	30	15	170	145	155	110	26	78	2	22	4
	40	250	210	130	115	295	335	420	380	145	80	30	15	170	145	170	125	28	98	3	22	4
	50	300	250	150	125	295	350	440	400	145	90	34	20	170	145	195	145	30	102	3	26	4

PN	DN	Welding ends		Weight in kg			
		d1	d2	VFB ¼ EBF ¼	VFB 3 EBF 3	VBS ¼ EBS ¼	VBS 3 EBS 3
25	10	13	18	6	4	5	3
/	15	17	22	6	4	5	3
40	20	22	28	7	5	5	3
	25	28	34	8	6	5	3
	32	33	39	10	8	6	4
	40	43	49	13	9	9	5
	50	54	61	16	12	10	6
64	10	13	18	9	6	7	4
	15	17	22	9	6	7	4
	20	22	28	-	-	7	4
	20	-	-	11	8	-	-
	25	28	34	12	9	8	5
	32	33	39	-	-	8	8
	32	-	-	21	14	-	-
	40	43	49	25	17	18	10
	50	54	61	31	20	23	12
100	10	13	18	9	6	7	4
/	15	17	22	9	6	7	4
160	20	22	28	-	-	7	4
	20	-	-	11	8	-	-
	25	27	34	12	9	8	5
	32	33	39	-	-	8	8
	32	-	-	21	14	-	-
	40	41	49	25	17	18	10
	50	52	61	34	23	23	12

