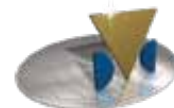
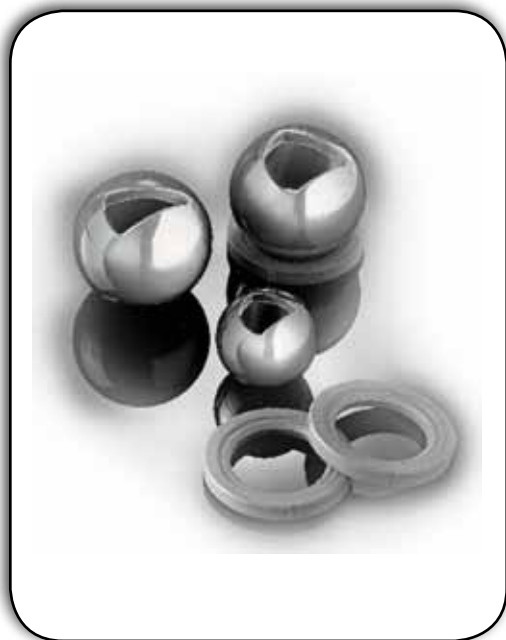


"V" SERIES BALL CONTROL PORT BALL VALVES



Type 1931

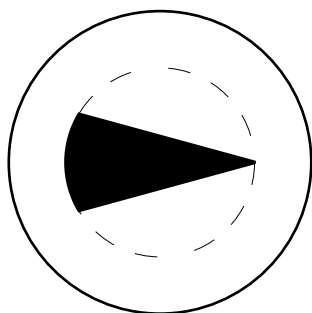


GENERAL:

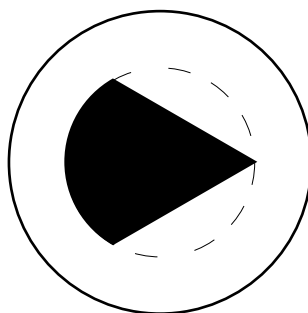
Dimensions: 3/8" - 6"
DN10 - DN150
Material: Stainless steel - AISI 316
V-Notch: 30°, 60° or 90°

OPTIONS:

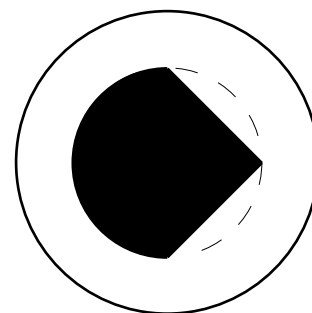
Material: Hard chrome
V-Notch: Other degrees at request.



30°



60°

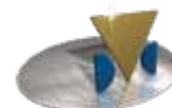


90°

DESCRIPTION

- "V" Series Balls are ideal for achieving more precise control with the simplicity and sealing features of the ball valve.
- "V" port valves offer better and more consistent control than traditional round ported ball valves.
- We offer this valve with the control port cast and machined into the ball, not in the seat.
- This allows for much better flow characteristics and eliminates the need to replace seats.
- The 30° option allows for finer tapered control throughout the valverotation and the 60° and 90° offers a larger Cv in addition to controlled flow.

"V" SERIES FLOW COEFFICIENT - KV CHART



Full Bore	Angle	0%	15%	20%	30%	40%	50%	60%	70%	80%	90%	100%
3/8"	30°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.7	0.9
	60°	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.7	1.0	1.4	1.9
	90°	-	-	-	-	-	-	-	-	-	-	-
1/2"	30°	0.0	0.1	0.1	0.2	0.3	0.4	0.7	0.9	1.4	1.9	2.2
	60°	0.0	0.1	0.1	0.3	0.4	0.8	1.2	1.7	2.8	3.7	5.1
	90°	0.0	0.1	0.2	0.3	0.5	0.8	1.3	1.9	3.2	4.6	5.9
3/4"	30°	0.0	0.1	0.2	0.4	0.6	0.9	1.5	2.0	2.8	3.8	4.6
	60°	0.0	0.1	0.2	0.6	0.9	1.4	2.4	3.4	5.5	7.7	10.2
	90°	0.0	0.2	0.3	0.7	1.0	1.7	2.6	3.9	6.8	9.6	11.9
1"	30°	0.0	0.1	0.3	0.7	1.1	2.0	3.0	4.3	7.2	8.3	8.5
	60°	0.0	0.2	0.3	0.9	1.5	2.9	4.5	6.7	10.5	13.0	17.9
	90°	0.0	0.2	0.5	1.5	2.9	4.3	6.9	9.7	13.6	17.9	24.7
1 1/4"	30°	0.0	0.2	0.3	0.9	1.7	3.1	4.7	6.8	8.5	11.1	12.8
	60°	0.0	0.2	0.5	1.5	2.6	4.7	8.1	10.9	16.2	22.1	33.2
	90°	0.0	0.3	0.7	1.7	4.3	6.8	11.9	16.2	23.8	33.2	46.8
1 1/2"	30°	0.0	0.3	0.5	1.4	2.6	4.3	6.4	9.4	11.9	14.5	17.0
	60°	0.0	0.3	0.7	2.1	3.4	6.8	11.1	16.2	23.0	34.0	44.2
	90°	0.0	0.3	0.8	3.0	6.0	11.1	17.0	26.4	35.7	53.6	66.3
2"	30°	0.0	0.3	1.0	3.2	5.1	8.5	12.8	19.6	26.4	36.6	51.0
	60°	0.0	0.3	1.3	3.9	7.7	14.0	23.0	33.2	46.8	70.6	93.5
	90°	0.0	0.4	1.7	5.1	10.2	18.7	29.8	38.3	59.5	89.3	114.8
2 1/2"	30°	0.0	0.3	0.9	3.4	6.8	10.2	15.3	23.8	31.5	52.7	63.8
	60°	0.0	0.3	1.3	4.3	8.5	17.9	28.9	45.1	63.8	87.6	127.5
	90°	0.0	0.4	1.4	6.0	11.9	23.8	40.8	59.5	90.1	136.0	185.3
3"	30°	0.0	0.4	1.0	3.4	6.8	11.9	19.6	28.1	39.1	55.3	69.7
	60°	0.0	0.4	2.1	5.1	11.9	21.3	34.0	55.3	77.4	108.8	140.3
	90°	0.0	0.6	3.0	6.8	15.3	29.8	51.0	76.5	114.8	174.3	263.5
4"	30°	0.0	0.5	1.7	5.1	12.8	24.7	40.8	60.4	85.0	110.5	135.2
	60°	0.0	0.6	2.6	9.4	21.3	34.0	50.2	76.5	119.9	180.2	302.6
	90°	0.0	0.9	3.0	13.6	34.0	63.8	106.3	161.5	250.8	375.7	569.5

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