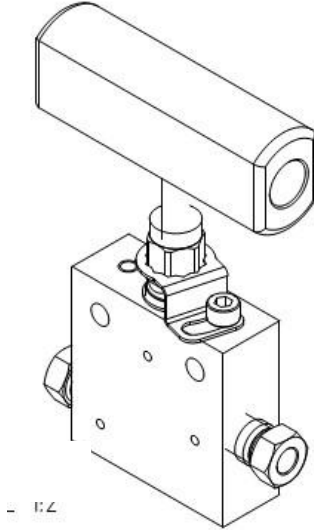
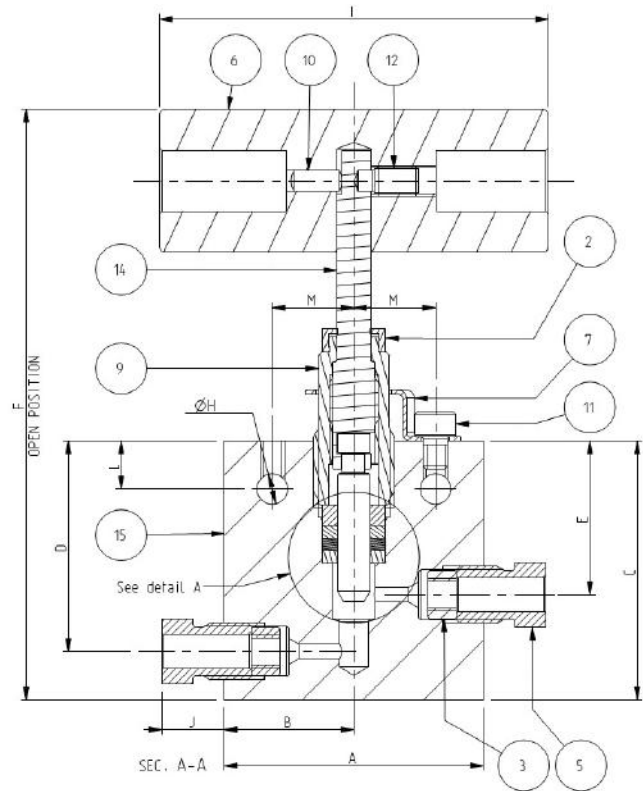


Needle Valves 20kpsi

Two Way Straight Needle Valves - 20,000 psi



No	DESCRIPTION	MATERIAL	Q.TY
1	Anti-extrusion ring	AISI 316L	1
2	Blue cap	HYREL BLU	1
3	Collar	AISI 316L	2
4	Gasket	Glass filled PTFE (Virgin PTFE for 1" NPT)	2 / 3
5	Gland	AISI 316L	2
6	Handle	Anodized aluminum EN AW-6060 T6	1
7	Locking device	AISI 316L	1
8	Lower stem	ASTM A564 T630	1
9	Packing gland	CuAl11Fe6Ni6	1
10	Locking PIN	A4 - AISI 316	1
11	Socket head cap screw	A4 - AISI 316L	1
12	Socket set screw	A4 - AISI 316L	1
13	Top packing washer	AISI 316L (CuAl11Fe6Ni6 for 1" NPT)	1
14	Upper stem	AISI 316L	1
15	Valve body	AISI 316L	1

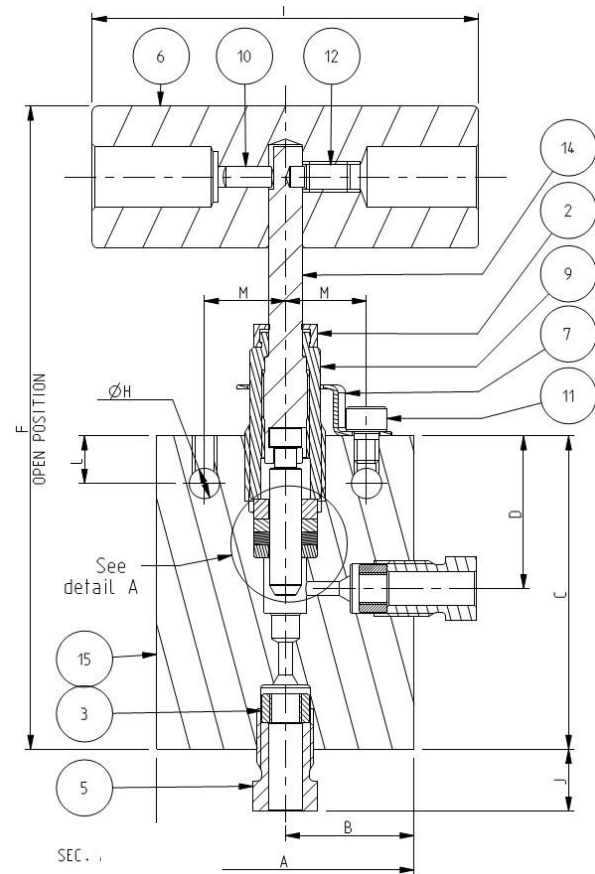
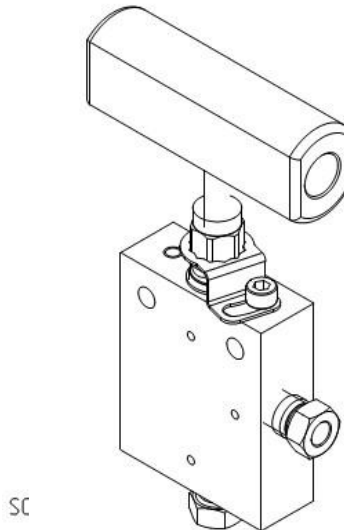


Order code	In/Out	A mm (inch)	B mm (inch)	C mm (inch)	D mm (inch)	E mm (inch)	F mm (inch)	H mm (inch)	I mm (inch)	J mm (inch)	L mm (inch)	M mm (inch)	SP mm (inch)	Orifice mm (inch)
S20V01T01A	1/4 " O.D.	50.80 (2.00)	25.40 (1.00)	50.80 (2.00)	41.30 (1.63)	30.20 (1.19)	115.90 (4.60)	6.00 (0.24)	76.20 (3.00)	12.20 (0.50)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V01T02A	3/8 " O.D.	50.80 (2.00)	25.40 (1.00)	50.80 (2.00)	41.30 (1.63)	30.20 (1.19)	115.90 (4.60)	6.00 (0.24)	76.20 (3.00)	14.30 (0.60)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V01T03A	9/16 " O.D.	63.50 (2.50)	31.75 (1.25)	70.00 (2.76)	57.30 (2.26)	41.40 (1.63)	139.70 (5.50)	9.00 (0.35)	76.20 (3.00)	18.60 (0.70)	9.40 (0.37)	17.50 (0.69)	25.40 (1.00)	8.00 (0.31)
S20V01T04A*	3/4 " O.D.	76.20 (3.00)	38.10 (1.50)	95.25 (3.75)	76.20 (3.00)	57.20 (2.25)	184.80 (7.30)	11.50 (0.45)	232.70 (9.20)	18.80 (0.70)	16.00 (0.63)	22.35 (0.88)	34.90 (1.37)	11.10 (0.44)
S20V01T05A*	1 " O.D.	104.78 (4.13)	52.39 (2.06)	117.20 (4.61)	95.00 (3.74)	71.20 (2.80)	228.90 (9.00)	14.00 (0.55)	232.70 (9.20)	21.30 (0.80)	17.40 (0.69)	35.00 (1.38)	44.45 (1.75)	14.30 (0.56)

* = on request, minimum quantity may be requested

Needle Valves 20kpsi

Two Way Angle Needle Valves - 20,000 psi



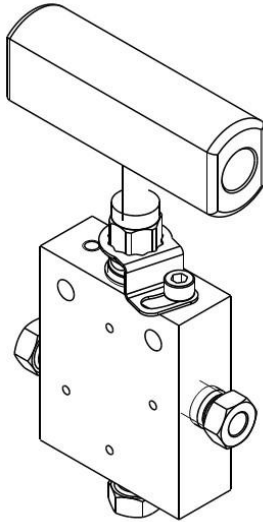
No	DESCRIPTION	MATERIAL	Q.TY
1	Anti-extrusion ring	AISI 316L	1
2	Blue cap	HYTREL BLU	1
3	Collar	AISI 316L	2
4	Gasket	Glass filled PTFE (Virgin PTFE for 1" NPT)	2 / 3
5	Gland	AISI 316L	2
6	Handle	Anodized aluminum EN AW-6060 T6	1
7	Locking device	AISI 316L	1
8	Lower stem	ASTM A564 T630	1
9	Packing gland	CuAl1Fe6Ni6	1
10	Locking pin	A4 - AISI 316	1
11	Socket head cap screw	A4 - AISI 316L	1
12	Socket set screw	A4 - AISI 316L	1
13	Top packing washer	AISI 316L (CuAl1Fe6Ni6 for 1" NPT)	1
14	Upper stem	AISI 316L	1
15	Valve body	AISI 316L	1

Order code	In/Out	A mm (Inch)	B mm (Inch)	C mm (Inch)	D mm (Inch)	F mm (Inch)	H mm (Inch)	I mm (Inch)	J mm (Inch)	L mm (Inch)	M mm (Inch)	SP mm (Inch)	Orifice mm (Inch)
S20V02T01A	1/4 " O.D.	50.80 (2.00)	25.40 (1.00)	61.90 (2.44)	30.20 (1.19)	127.00 (5.00)	6.00 (0.24)	76.20 (3.00)	12.20 (0.50)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V02T02A	3/8 " O.D.	50.80 (2.00)	25.40 (1.00)	61.90 (2.44)	30.20 (1.19)	127.00 (5.00)	6.00 (0.24)	76.20 (3.00)	14.30 (0.60)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V02T03A	9/16 " O.D.	63.50 (2.50)	31.75 (1.25)	85.73 (3.38)	41.43 (1.63)	155.40 (6.10)	9.00 (0.35)	76.20 (3.00)	18.60 (0.70)	9.40 (0.37)	17.50 (0.69)	25.40 (1.00)	8.00 (0.31)
S20V02T04A*	3/4 " O.D.	76.20 (3.00)	38.10 (1.50)	107.95 (4.25)	57.15 (2.25)	197.50 (7.80)	11.50 (0.45)	232.70 (9.20)	18.80 (0.70)	16.00 (0.63)	22.35 (0.88)	34.90 (1.37)	11.10 (0.44)
S20V02T05A*	1 " O.D.	104.78 (4.13)	52.39 (2.06)	130.18 (5.13)	71.19 (2.80)	241.80 (9.50)	14.00 (0.55)	232.70 (9.20)	21.30 (0.80)	17.40 (0.69)	35.00 (1.38)	44.45 (1.75)	14.30 (0.56)

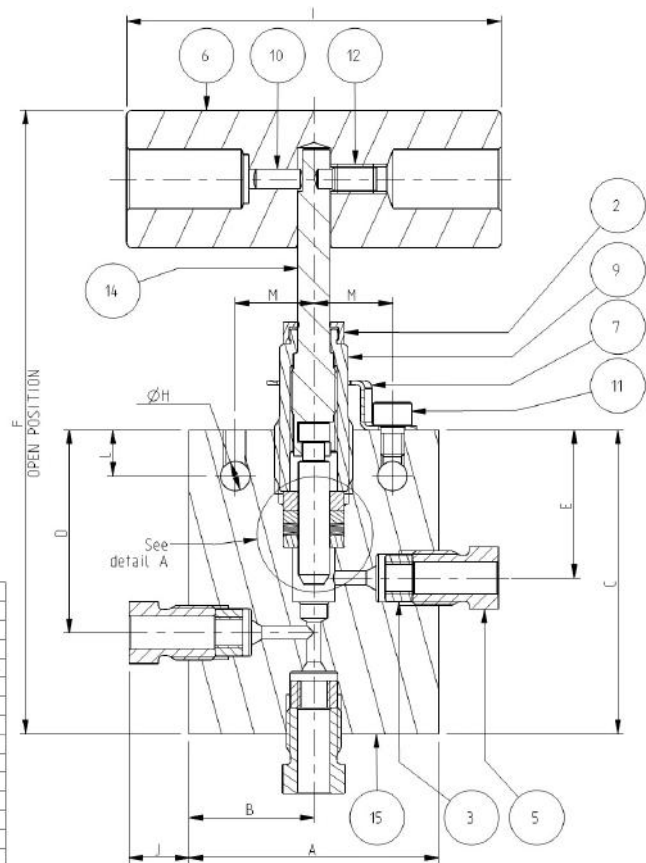
* = on request, minimum quantity may be requested

Needle Valves 20kpsi

Three Way Needle Valves - Two Pressure Connections - 20,000 psi



No	DESCRIPTION	MATERIAL	Q.TY
1	Anti-extrusion ring	AISI 316L	1
2	Blue cap	HYTREL BLU	1
3	Collar	AISI 316L	3
4	Gasket	Glass filled PTFE (Virgin PTFE for 1" NPT)	2 / 3
5	Gland	AISI 316L	3
6	Handle	Anodized aluminum EN AW-6060 T6	1
7	Locking device	AISI 316L	1
8	Lower stem	ASTM A564 T630	1
9	Packing gland	CuAl11Fe6Ni6	1
10	Locking pin	A4 - AISI 316	1
11	Socket head cap screw	A4 - AISI 316L	1
12	Socket set screw	A4 - AISI 316L	1
13	Top packing washer	AISI 316L (CuAl11Fe6Ni6 for 1" NPT)	1
14	Upper stem	AISI 316L	1
15	Valve body	AISI 316L	1

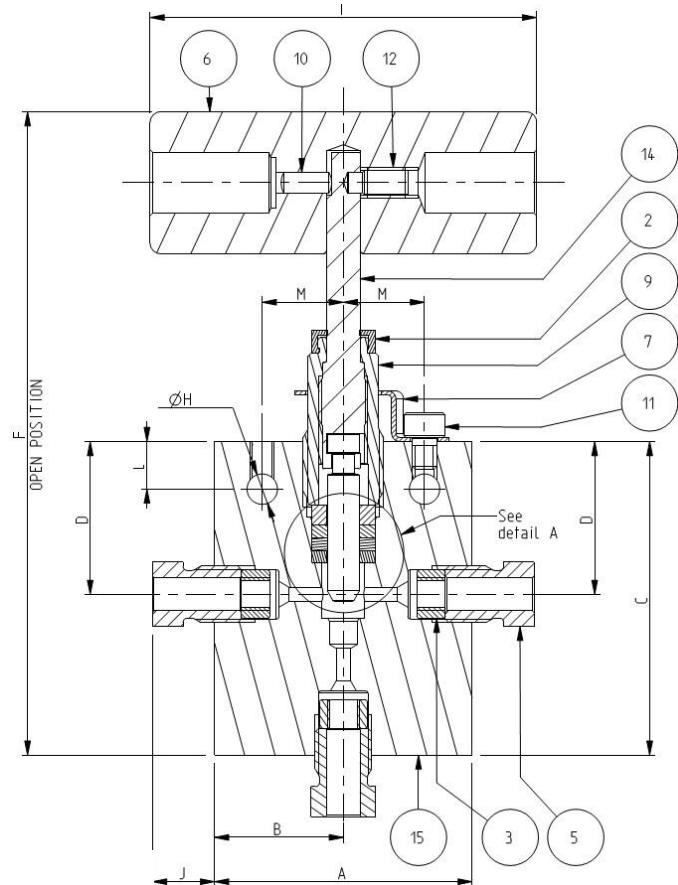
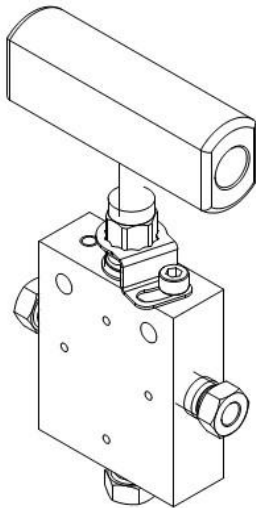


Order code	In/Out	A mm (Inch)	B mm (Inch)	C mm (Inch)	D mm (Inch)	F mm (Inch)	H mm (Inch)	I mm (Inch)	J mm (Inch)	L mm (Inch)	M mm (Inch)	SP mm (Inch)	ORIFICE mm (Inch)
S20V03T01A *	1/4 " O.D.	50.80 (2.00)	25.40 (1.00)	61.90 (2.44)	41.30 (1.63)	127.00 (5.00)	6.00 (0.24)	76.20 (3.0)	12.20 (0.50)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V03T02A *	3/8 " O.D.	50.80 (2.00)	25.40 (1.00)	66.68 (2.63)	41.30 (1.63)	131.80 (5.20)	6.00 (0.24)	76.20 (3.0)	14.30 (0.60)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V03T03A *	9/16 O.D.	63.50 (2.50)	31.75 (1.25)	88.90 (3.50)	57.30 (2.26)	158.60 (6.20)	9.00 (0.35)	76.20 (3.0)	18.60 (0.70)	9.40 (0.37)	17.50 (0.69)	25.40 (1.00)	8.00 (0.31)
S20V03T04A *	3/4 " O.D.	76.20 (3.00)	38.10 (1.50)	117.48 (4.63)	76.20 (3.00)	207.00 (8.10)	11.50 (0.45)	232.70 (9.20)	18.80 (0.70)	16.00 (0.63)	22.35 (0.88)	34.90 (1.37)	11.10 (0.44)
S20V03T05A *	1 " O.D.	104.78 (4.13)	52.39 (2.06)	152.40 (6.00)	71.20 (2.80)	264.10 (10.40)	14.00 (0.55)	232.70 (9.20)	21.30 (0.80)	17.40 (0.69)	35.00 (1.38)	44.45 (1.75)	14.30 (0.56)

* = on request, minimum quantity may be requested

Needle Valves 20kpsi

Three Way Needle Valves - One Pressure Connection - 20,000 psi



No	DESCRIPTION	MATERIAL	Q.TY
1	Anti-extrusion ring	AISI 316L	1
2	Blue cap	HYTREL BLU	1
3	Collar	AISI 316L	3
4	Gasket	Glass filled PTFE (Virgin PTFE for 1" NPT)	2 / 3
5	Gland	AISI 316L	3
6	Handle	Anodized aluminum EN AW-6060 T6	1
7	Locking device	AISI 316L	1
8	Lower stem	ASTM A564 T630	1
9	Packing gland	CuAl11FeNi6	1
10	Locking pin	A4 - AISI 316	1
11	Socket head cap screw	A4 - AISI 316L	1
12	Socket set screw	A4 - AISI 316L	1
13	Top packing washer	AISI 316L (CuAl11FeNi6 for 1" NPT)	1
14	Upper stem	AISI 316L	1
15	Valve body	AISI 316L	1

Order code	In/Out	A mm (Inch)	B mm (Inch)	C mm (Inch)	D mm (Inch)	F mm (Inch)	H mm (Inch)	I mm (Inch)	J mm (Inch)	L mm (Inch)	M mm (Inch)	SP mm (Inch)	ORIFICE mm (Inch)
S20V04T01A*	1/4 " O.D.	50.80 (2.00)	25.40 (1.00)	61.90 (2.44)	30.20 (1.19)	127.00 (5.00)	6.00 (0.24)	76.20 (3.0)	12.20 (0.50)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V04T02A*	3/8 " O.D.	50.80 (2.00)	25.40 (1.00)	61.90 (2.44)	30.20 (1.19)	127.00 (5.00)	6.00 (0.24)	76.20 (3.0)	14.30 (0.60)	9.40 (0.37)	16.00 (0.63)	19.05 (0.75)	5.50 (0.22)
S20V04T03A*	9/16 O.D.	63.50 (2.50)	31.75 (1.25)	85.73 (3.38)	41.43 (1.63)	155.40 (6.10)	9.00 (0.35)	76.20 (3.0)	18.60 (0.70)	9.40 (0.37)	17.50 (0.69)	25.40 (1.00)	8.00 (0.31)
S20V04T04A*	3/4 " O.D.	76.20 (3.00)	38.10 (1.50)	107.95 (4.25)	57.15 (2.25)	197.50 (7.80)	11.50 (0.45)	232.70 (9.20)	18.80 (0.70)	16.00 (0.63)	22.35 (0.88)	34.90 (1.37)	11.10 (0.44)
S20V04T05A*	1 " O.D.	104.78 (4.13)	52.39 (2.06)	130.18 (5.13)	71.19 (2.80)	241.80 (9.50)	14.00 (0.55)	232.70 (9.20)	21.30 (0.80)	17.40 (0.69)	35.00 (1.38)	44.45 (1.75)	14.30 (0.56)

* = on request, minimum quantity may be requested