

SPIR STAR needle valves are made to the highest quality standards and thus achieve high safety and a long service life even when used in difficult operating conditions.

The valves can be used with both gaseous and liquid media and can be opened and/or closed in 4 ½ turns.

In this connection, we would like to emphasize that SPIR STAR AG can also offer quick-opening needle valves for which a mere 1 ¾ turns are needed for opening and/or closing.

In addition, all SPIR STAR needle valves allow flow in all directions.

Their innovative design reduces vibrations, which eliminates the necessity of an external clamp to fasten the stem.

The valves are also provided with relief holes.

The marking on the valves allows them to be traced at any time.

In addition, the SPIR STAR needle valves are supplied including collar + gland nut.

Besides hand-operated needle valves SPIR STAR AG also offers pneumatically operated needle valves.

Technical data:

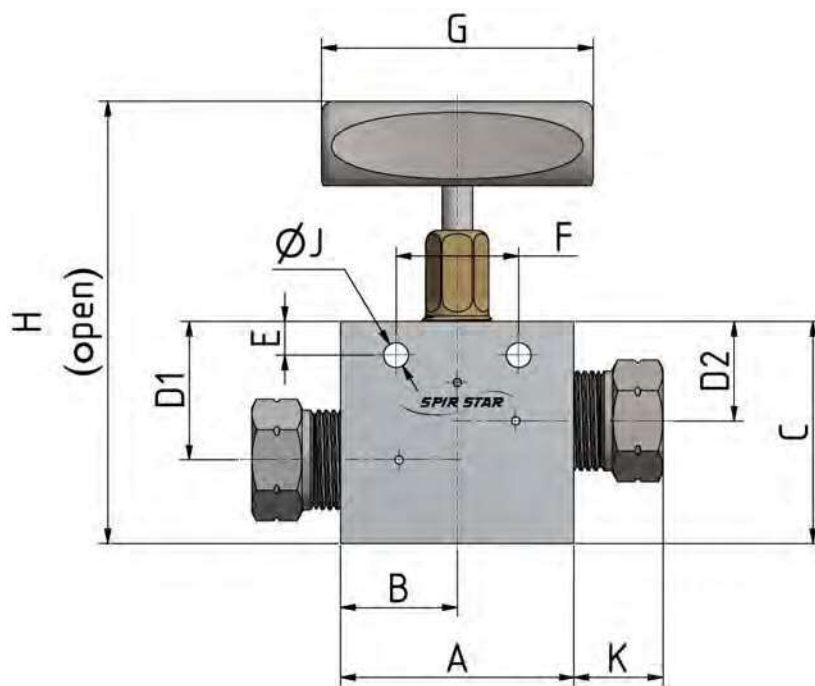
Thread Types:	High-Pressure, Medium-Pressure and NPT
Valve Types:	2-Way Straight Valves, 2-Way Angle Valves, 3-Way Valves (Two inlets under pressure / one inlet under pressure), 3-Way/2-Stem Valves Valves with replaceable seat
Material:	Body: 316 Stainless Steel Stem: 17-4PH Sealing: Glas filled Teflon
Max. Working Pressure:	4.140 bar // 60.000 psi
Temperature:	NPT : -18°C to +204°C HP/MP: -17°C to +315°C

Specials:

- extreme temperatures
- ultra high pressure valves up to 100.000 psi
- special materials
- pneumatic valves

2-Way-Straight-Needle Valve

High-Pressure

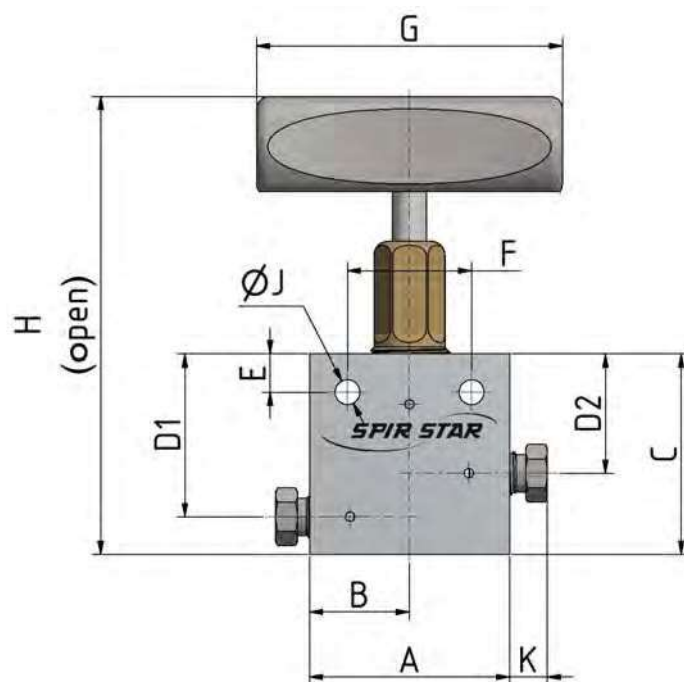


Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-30K	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093	RK-NV-30K	TU-HP4-60K
SS-NVHF6-30K	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125	RK-NV-30K	TU-HP6-60K
SS-NVHF9-30K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125	RK-NV-30K	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-60K	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062	RK-NV-60K	TU-HP4-60K
SS-NVHF6-60K	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062	RK-NV-60K	TU-HP6-60K
SS-NVHF9-60K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062	RK-NV-60K	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-30K	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	76,20	120,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	3,00	4,74	-	0,28	0,59	1,00
SS-NVHF4-60K	mm	50,80	25,40	53,85	42,93	33,27	9,65	35,05	76,20	124,21	-	7,11	14,99	25,40
	inch	2,00	1,00	2,12	1,69	1,31	0,38	1,38	3,00	4,89	-	0,28	0,59	1,00
SS-NVHF6-30K	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	76,20	120,40	-	7,11	18,29	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	3,00	4,74	-	0,28	0,72	1,00
SS-NVHF6-60K	mm	50,80	25,40	57,15	42,93	33,27	9,65	35,05	76,20	127,51	-	7,11	18,29	25,40
	inch	2,00	1,00	2,25	1,69	1,31	0,38	1,38	3,00	5,02	-	0,28	0,72	1,00
SS-NVHF9-30K	mm	66,55	33,27	62,00	39,62	28,45	9,65	35,05	76,20	131,60	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	1,56	1,12	0,38	1,38	3,00	5,18	-	0,28	1,00	1,50
SS-NVHF9-60K	mm	66,55	33,27	63,50	44,45	33,27	9,65	35,05	76,20	133,86	-	7,11	25,40	38,10
	inch	2,62	1,31	2,50	1,75	1,31	0,38	1,38	3,00	5,27	-	0,28	1,00	1,50

2-Way-Straight-Needle Valve

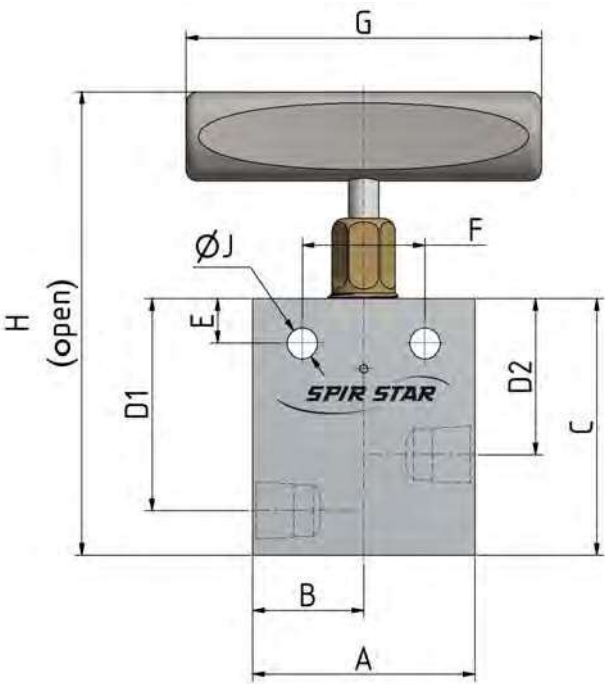
Medium-Pressure



Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-20K	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4	TU-MP4-20K
SS-NVMF6-20K	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4	TU-MP6-20K
SS-NVMF9-20K	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVNF8/NF6/MF9	TU-MP9-20K
SS-NVMF12-20K	MF12	3/4"x16UNF LH	3/4"x14NPSM	11,125	0,438	RK-NV12	TU-MP12-20K
SS-NVMF16-20K	MF16	1"x14UNF LH	1-3/8"x12UNF	14,275	0,562	RK-NV16	TU-MP16-20K

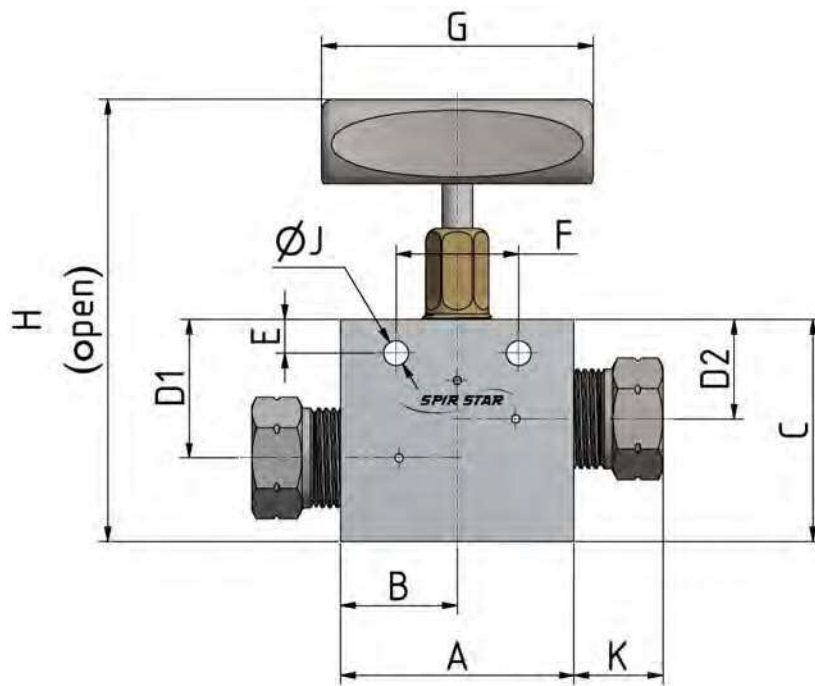
Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-20K	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	76,20	122,94	-	6,35	9,65	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	3,00	4,84	-	0,25	0,38	1,00
SS-NVMF6-20K	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	76,20	122,94	-	6,35	12,19	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	3,00	4,84	-	0,25	0,48	1,00
SS-NVMF9-20K	mm	63,50	31,75	73,15	60,45	44,45	12,70	35,05	102,00	138,68	-	8,64	17,27	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	4,02	5,46	-	0,34	0,68	1,00
SS-NVMF12-20K	mm	76,20	38,10	95,25	76,20	57,15	15,75	44,45	204,98	179,58	-	11,18	14,99	35,05
	inch	3,00	1,50	3,75	3,00	2,25	0,62	1,75	8,07	7,07	-	0,44	0,59	1,38
SS-NVMF16-20K	mm	104,65	52,32	120,65	95,25	71,63	28,45	63,50	261,37	227,58	-	14,22	18,80	44,45
	inch	4,12	2,06	4,75	3,75	2,82	1,12	2,50	10,29	8,96	-	0,56	0,74	1,75

NPT



Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-15K	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4	
SS-NVNF6-15K	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9	
SS-NVNF8-15K	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-15K	mm	50,80	25,40	50,80	41,28	30,20	9,70	31,50	76,20	123,00	-	6,40	-	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	3,00	4,84	-	0,25	-	1,00
SS-NVNF6-15K	mm	63,50	31,80	73,20	60,40	44,50	12,70	35,00	102,00	139,00	-	8,70	-	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	4,02	5,47	-	0,34	-	1,00
SS-NVNF8-15K	mm	63,50	31,80	76,20	60,40	44,50	12,70	35,00	102,00	142,00	-	8,70	-	31,60
	inch	2,50	1,25	3,00	2,38	1,75	0,50	1,38	4,02	5,59	-	0,34	-	1,24

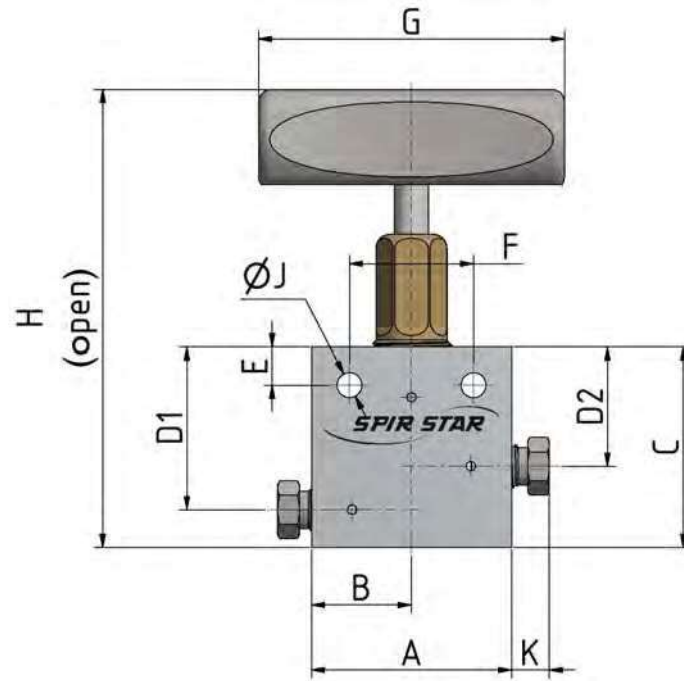


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-30K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093	RK-NV-30K-QT	TU-HP4-60K
SS-NVHF6-30K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125	RK-NV-30K-QT	TU-HP6-60K
SS-NVHF9-30K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125	RK-NV-30K-QT	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-60K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	1,600	0,063	RK-NV-60K-QT	TU-HP4-60K
SS-NVHF6-60K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	1,600	0,063	RK-NV-60K-QT	TU-HP6-60K
SS-NVHF9-60K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,600	0,063	RK-NV-60K-QT	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-30K-QT	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	76,20	120,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	3,00	4,74	-	0,28	0,59	1,00
SS-NVHF4-60K-QT	mm	50,80	25,40	53,85	42,93	33,27	9,65	35,05	76,20	124,21	-	7,11	14,99	25,40
	inch	2,00	1,00	2,12	1,69	1,31	0,38	1,38	3,00	4,89	-	0,28	0,59	1,00
SS-NVHF6-30K-QT	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	76,20	120,40	-	7,11	18,29	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	3,00	4,74	-	0,28	0,72	1,00
SS-NVHF6-60K-QT	mm	50,80	25,40	57,15	42,93	33,27	9,65	35,05	76,20	127,51	-	7,11	18,29	25,40
	inch	2,00	1,00	2,25	1,69	1,31	0,38	1,38	3,00	5,02	-	0,28	0,72	1,00
SS-NVHF9-30K-QT	mm	66,55	33,27	62,00	39,62	28,45	9,65	35,05	76,20	131,60	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	1,56	1,12	0,38	1,38	3,00	5,18	-	0,28	1,00	1,50
SS-NVHF9-60K-QT	mm	66,55	33,27	63,50	44,45	33,27	9,65	35,05	76,20	133,86	-	7,11	25,40	38,10
	inch	2,62	1,31	2,50	1,75	1,31	0,38	1,38	3,00	5,27	-	0,28	1,00	1,50

Quick Open 2-Way-Straight-Needle Valve

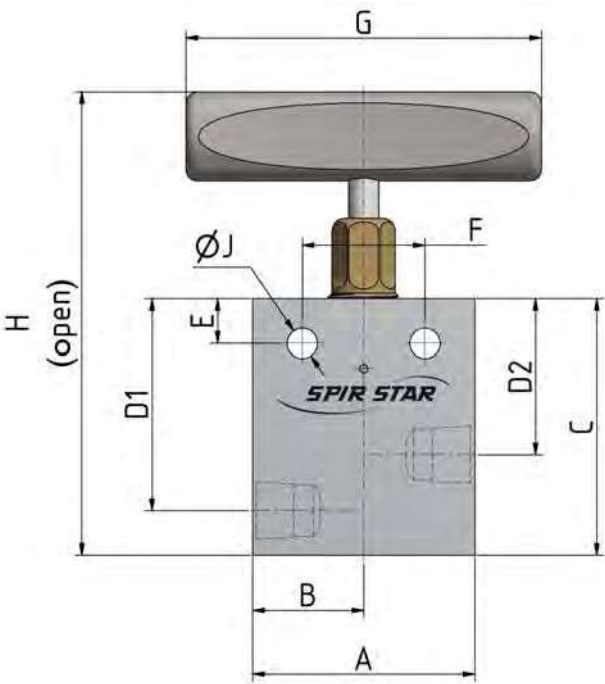
Medium-Pressure



Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-20K-QT	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4-QT	TU-MP4-20K
SS-NVMF6-20K-QT	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4-QT	TU-MP6-20K
SS-NVMF9-20K-QT	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVMF8/NF6/MF9-QT	TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-20K-QT	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	76,20	122,94	-	6,35	9,65	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	3,00	4,84	-	0,25	0,38	1,00
SS-NVMF6-20K-QT	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	76,20	122,94	-	6,35	12,19	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	3,00	4,84	-	0,25	0,48	1,00
SS-NVMF9-20K-QT	mm	63,50	31,75	73,15	60,45	44,45	12,70	35,05	102,00	138,68	-	8,64	17,27	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	4,02	5,46	-	0,34	0,68	1,00

NPT

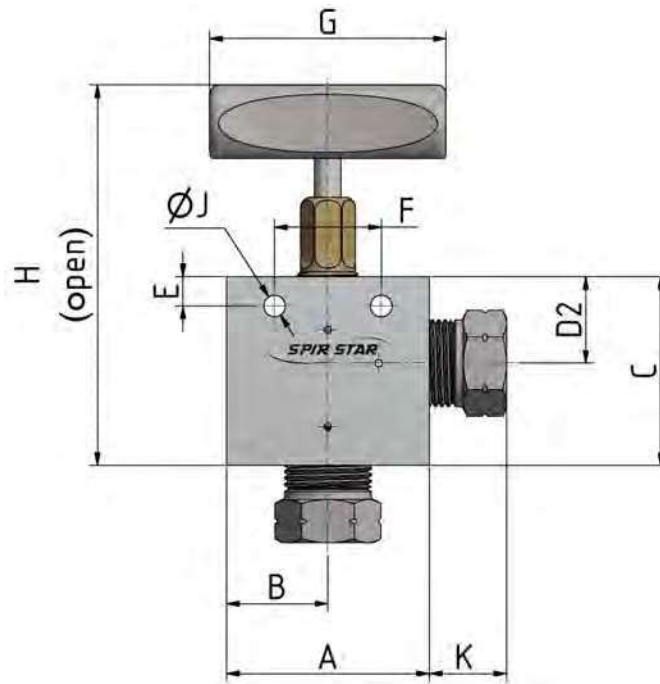


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-I5K-QT	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4-QT	
SS-NVNF6-I5K-QT	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	
SS-NVNF8-I5K-QT	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-I5K-QT	mm	50,80	25,40	50,80	41,28	30,20	9,70	31,50	76,20	123,00	-	6,40	-	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	3,00	4,84	-	0,25	-	1,00
SS-NVNF6-I5K-QT	mm	63,50	31,80	73,20	60,40	44,50	12,70	35,00	102,00	139,00	-	8,70	-	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	4,02	5,47	-	0,34	-	1,00
SS-NVNF8-I5K-QT	mm	63,50	31,80	76,20	60,40	44,50	12,70	35,00	102,00	142,00	-	8,70	-	31,60
	inch	2,50	1,25	3,00	2,38	1,75	0,50	1,38	4,02	5,59	-	0,34	-	1,24

2-Way-Angle-Needle Valve

High-Pressure

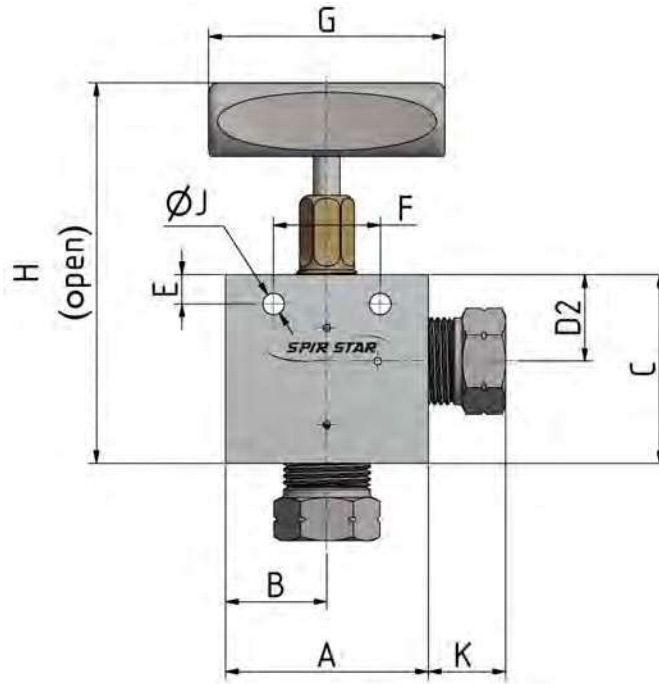


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-12-30K	HF4	1/4"x28UNF LH	9/16"x18UNF	2,400	0,094	RK-NV-30K	TU-HP4-60K
SS-NVHF6-12-30K	HF6	3/8"x24UNF LH	3/4"-16UNF	3,200	0,126	RK-NV-30K	TU-HP6-60K
SS-NVHF9-12-30K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,200	0,126	RK-NV-30K	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-12-60K	HF4	1/4"x28UNF LH	9/16"x18UNF	1,600	0,063	RK-NV-60K	TU-HP4-60K
SS-NVHF6-12-60K	HF6	3/8"x24UNF LH	3/4"-16UNF	1,600	0,063	RK-NV-60K	TU-HP6-60K
SS-NVHF9-12-60K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,600	0,063	RK-NV-60K	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-12-30K	mm	50,80	25,40	50,80	-	28,45	9,65	35,05	76,20	120,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	-	1,12	0,38	1,38	3,00	4,74	-	0,28	0,59	1,00
SS-NVHF4-12-60K	mm	50,80	25,40	60,45	-	33,27	9,65	35,05	76,20	130,81	-	7,11	14,99	25,40
	inch	2,00	1,00	2,38	-	1,31	0,38	1,38	3,00	5,15	-	0,28	0,59	1,00
SS-NVHF6-12-30K	mm	50,80	25,40	53,85	-	28,45	9,65	35,05	76,20	123,44	-	7,11	18,29	25,40
	inch	2,00	1,00	2,12	-	1,12	0,38	1,38	3,00	4,86	-	0,28	0,72	1,00
SS-NVHF6-12-60K	mm	50,80	25,40	66,55	-	33,27	9,65	35,05	76,20	136,91	-	7,11	18,29	25,40
	inch	2,00	1,00	2,62	-	1,31	0,38	1,38	3,00	5,39	-	0,28	0,72	1,00
SS-NVHF9-12-30K	mm	66,55	33,27	61,98	-	28,45	9,65	35,05	76,20	131,57	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	-	1,12	0,38	1,38	3,00	5,18	-	0,28	1,00	1,50
SS-NVHF9-12-60K	mm	66,55	33,27	71,37	-	33,27	9,65	35,05	76,20	141,73	-	7,11	25,40	38,10
	inch	2,62	1,31	2,81	-	1,31	0,38	1,38	3,00	5,58	-	0,28	1,00	1,50

2-Way-Angle-Needle Valve

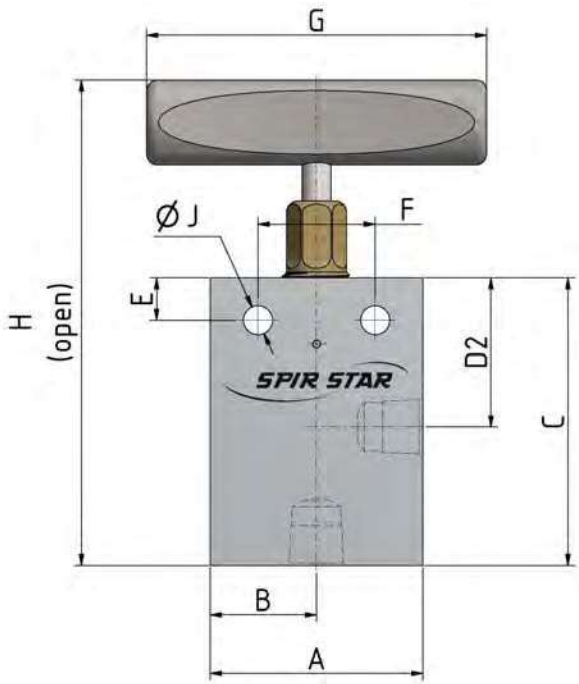
Medium-Pressure



Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-12-20K	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4	TU-MP4-20K
SS-NVMF6-12-20K	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4	TU-MP6-20K
SS-NVMF9-12-20K	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVNF8/NF6/MF9	TU-MP9-20K
SS-NVMF12-12-20K	MF12	3/4"x16UNF LH	3/4"x14NPSM	11,125	0,438	RK-NV12	TU-MP12-20K
SS-NVMF16-12-20K	MF16	1"x14UNF LH	1-3/8"x12UNF	14,275	0,562	RK-NV16	TU-MP16-20K

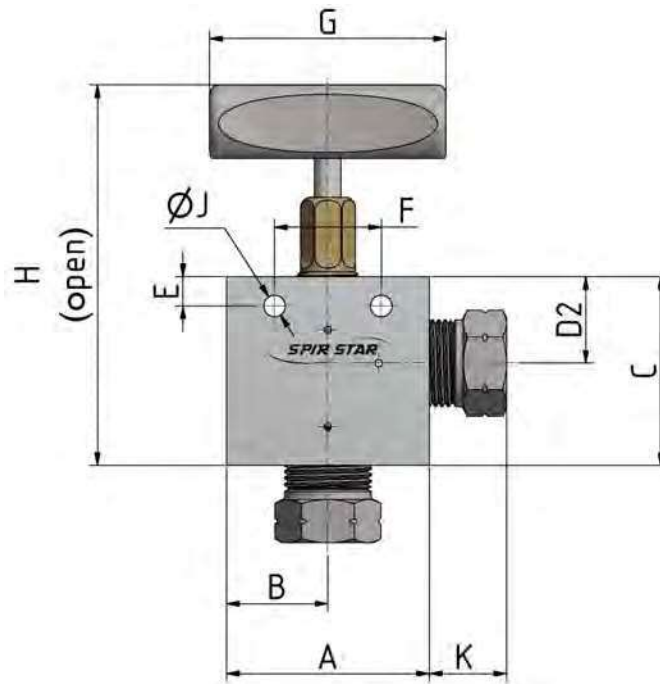
Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-12-20K	mm	50,80	25,40	61,98	-	30,23	9,65	31,50	76,20	134,11	-	6,35	9,65	25,40
	inch	2,00	1,00	2,44	-	1,19	0,38	1,24	3,00	5,28	-	0,25	0,38	1,00
SS-NVMF6-12-20K	mm	50,80	25,40	61,98	-	30,23	9,65	31,50	76,20	134,11	-	6,35	12,19	25,40
	inch	2,00	1,00	2,44	-	1,19	0,38	1,24	3,00	5,28	-	0,25	0,48	1,00
SS-NVMF9-12-20K	mm	63,50	31,75	85,85	-	44,45	12,70	35,05	102,00	151,38	-	8,64	17,27	25,40
	inch	2,50	1,25	3,38	-	1,75	0,50	1,38	4,02	5,96	-	0,34	0,68	1,00
SS-NVMF12-12-20K	mm	76,20	38,10	107,95	-	57,15	15,75	44,45	204,98	192,02	-	11,18	14,99	35,05
	inch	3,00	1,50	4,25	-	2,25	0,62	1,75	8,07	7,56	-	0,44	0,59	1,38
SS-NVMF16-12-20K	mm	104,65	52,32	130,30	-	71,63	28,45	63,50	261,37	240,03	-	14,22	18,80	44,45
	inch	4,12	2,06	5,13	-	2,82	1,12	2,50	10,29	9,45	-	0,56	0,74	1,75

NPT



Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-12-I5K	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4	
SS-NVNF6-12-I5K	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9	
SS-NVNF8-12-I5K	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-12-I5K	mm	50,80	25,40	62,00	-	30,20	9,70	31,50	76,20	134,10	-	6,40	-	25,40
	inch	2,00	1,00	2,44	-	1,19	0,38	1,24	3,00	5,28	-	0,25	-	1,00
SS-NVNF6-12-I5K	mm	63,50	31,80	85,90	-	44,50	12,70	35,00	102,00	152,00	-	8,70	-	25,40
	inch	2,50	1,25	3,38	-	1,75	0,50	1,38	4,02	5,98	-	0,34	-	1,00
SS-NVNF8-12-I5K	mm	63,50	31,80	85,90	-	44,50	12,70	35,00	102,00	152,00	-	8,70	-	31,60
	inch	2,50	1,25	3,38	-	1,75	0,50	1,38	4,02	5,98	-	0,34	-	1,24

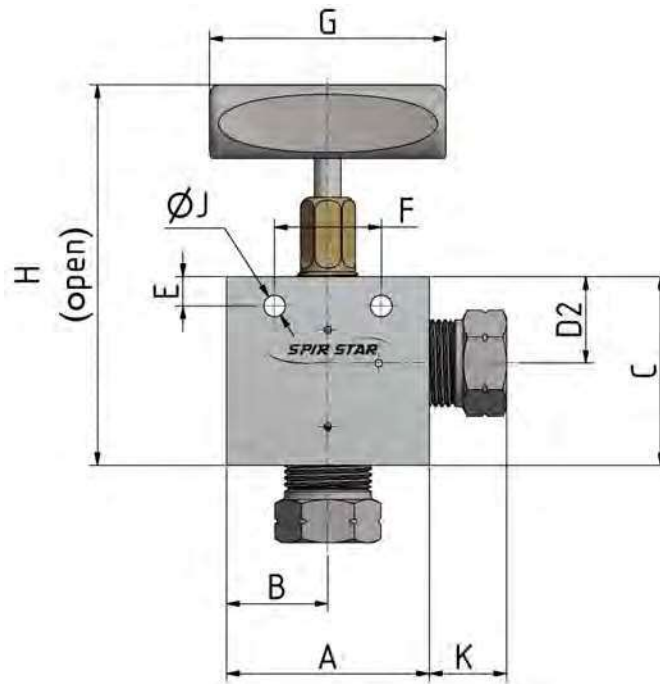


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-12-30K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093	RK-NV-30K-QT	TU-HP4-60K
SS-NVHF6-12-30K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125	RK-NV-30K-QT	TU-HP6-60K
SS-NVHF9-12-30K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125	RK-NV-30K-QT	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-12-60K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	1,600	0,063	RK-NV-60K-QT	TU-HP4-60K
SS-NVHF6-12-60K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	1,600	0,063	RK-NV-60K-QT	TU-HP6-60K
SS-NVHF9-12-60K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,600	0,063	RK-NV-60K-QT	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-I2-30K-QT	mm	50,80	25,40	50,80	-	28,45	9,65	35,05	76,20	120,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	-	1,12	0,38	1,38	3,00	4,74	-	0,28	0,59	1,00
SS-NVHF4-I2-60K-QT	mm	50,80	25,40	60,45	-	33,27	9,65	35,05	76,20	130,81	-	7,11	14,99	25,40
	inch	2,00	1,00	2,38	-	1,31	0,38	1,38	3,00	5,15	-	0,28	0,59	1,00
SS-NVHF6-I2-30K-QT	mm	50,80	25,40	53,85	-	28,45	9,65	35,05	76,20	123,44	-	7,11	18,29	25,40
	inch	2,00	1,00	2,12	-	1,12	0,38	1,38	3,00	4,86	-	0,28	0,72	1,00
SS-NVHF6-I2-60K-QT	mm	50,80	25,40	66,55	-	33,27	9,65	35,05	76,20	136,91	-	7,11	18,29	25,40
	inch	2,00	1,00	2,62	-	1,31	0,38	1,38	3,00	5,39	-	0,28	0,72	1,00
SS-NVHF9-I2-30K-QT	mm	66,55	33,27	61,98	-	28,45	9,65	35,05	76,20	131,57	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	-	1,12	0,38	1,38	3,00	5,18	-	0,28	1,00	1,50
SS-NVHF9-I2-60K-QT	mm	66,55	33,27	71,37	-	33,27	9,65	35,05	76,20	141,73	-	7,11	25,40	38,10
	inch	2,62	1,31	2,81	-	1,31	0,38	1,38	3,00	5,58	-	0,28	1,00	1,50

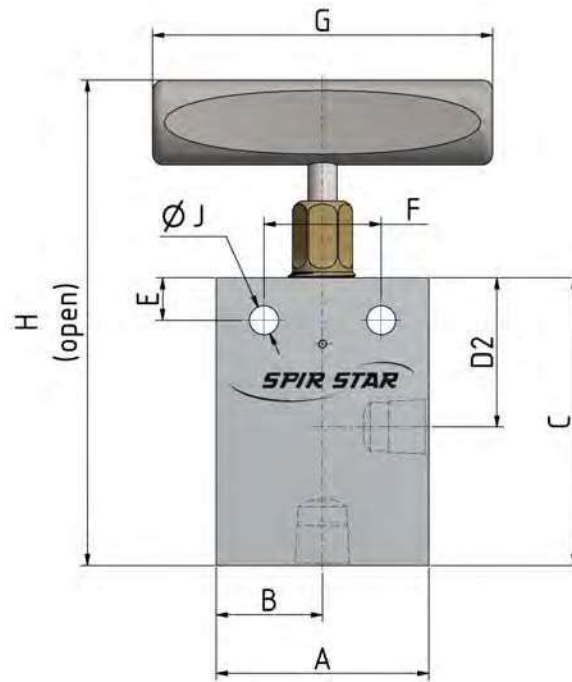
Quick Open 2-Way-Angle-Needle Valve

Medium-Pressure



Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-I2-20K-QT	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4-QT	TU-MP4-20K
SS-NVMF6-I2-20K-QT	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4-QT	TU-MP6-20K
SS-NVMF9-I2-20K-QT	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVNF8/NF6/MF9-QT	TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-I2-20K-QT	mm	50,80	25,40	61,98	-	30,23	9,65	31,50	76,20	134,11	-	6,35	9,65	25,40
	inch	2,00	1,00	2,44	-	1,19	0,38	1,24	3,00	5,28	-	0,25	0,38	1,00
SS-NVMF6-I2-20K-QT	mm	50,80	25,40	61,98	-	30,23	9,65	31,50	76,20	134,11	-	6,35	12,19	25,40
	inch	2,00	1,00	2,44	-	1,19	0,38	1,24	3,00	5,28	-	0,25	0,48	1,00
SS-NVMF9-I2-20K-QT	mm	63,50	31,75	85,85	-	44,45	12,70	35,05	102,00	151,38	-	8,64	17,27	25,40
	inch	2,50	1,25	3,38	-	1,75	0,50	1,38	4,02	5,96	-	0,34	0,68	1,00

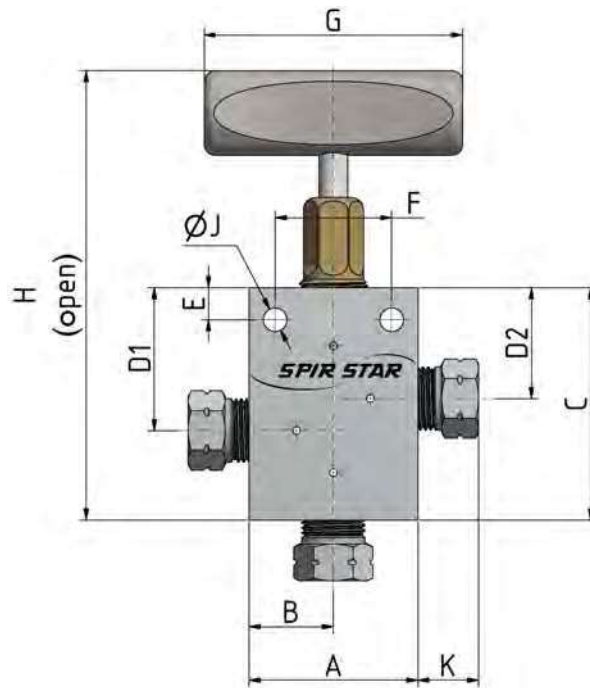


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-12-15K-QT	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4-QT	
SS-NVNF6-12-15K-QT	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	
SS-NVNF8-12-15K-QT	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-12-15K-QT	mm	50,80	25,40	62,00	-	30,20	9,70	31,50	76,20	134,10	-	6,40	-	25,40
	inch	2,00	1,00	2,44	-	1,19	0,38	1,24	3,00	5,28	-	0,25	-	1,00
SS-NVNF6-12-15K-QT	mm	63,50	31,80	85,90	-	44,50	12,70	35,00	102,00	152,00	-	8,70	-	25,40
	inch	2,50	1,25	3,38	-	1,75	0,50	1,38	4,02	5,98	-	0,34	-	1,00
SS-NVNF8-12-15K-QT	mm	63,50	31,80	85,90	-	44,50	12,70	35,00	102,00	152,00	-	8,70	-	31,60
	inch	2,50	1,25	3,38	-	1,75	0,50	1,38	4,02	5,98	-	0,34	-	1,24

3-Way-Needle Valve

High-Pressure (2x IN / 1x OUT)

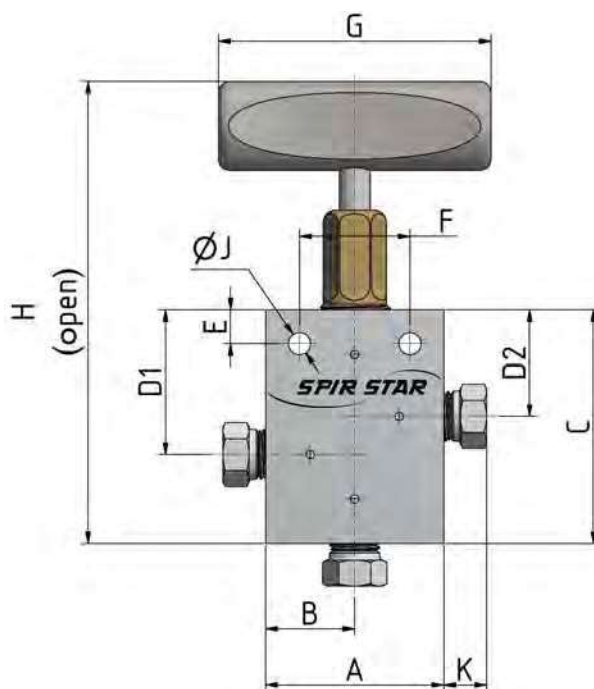


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-I3-30K	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093	RK-NV-30K	TU-HP4-60K
SS-NVHF6-I3-30K	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125	RK-NV-30K	TU-HP6-60K
SS-NVHF9-I3-30K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125	RK-NV-30K	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-I3-60K	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062	RK-NV-60K	TU-HP4-60K
SS-NVHF6-I3-60K	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062	RK-NV-60K	TU-HP6-60K
SS-NVHF9-I3-60K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062	RK-NV-60K	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-13-30K	mm	50,80	25,40	53,80	38,10	28,45	9,65	35,05	76,20	123,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,12	1,50	1,12	0,38	1,38	3,00	4,86	-	0,28	0,59	1,00
SS-NVHF4-13-60K	mm	50,80	25,40	60,50	42,90	33,30	9,65	35,05	76,20	130,80	-	7,11	14,99	25,40
	inch	2,00	1,00	2,38	1,69	1,31	0,38	1,38	3,00	5,15	-	0,28	0,59	1,00
SS-NVHF6-13-30K	mm	50,80	25,40	63,50	38,10	28,45	9,65	35,05	76,20	133,10	-	7,11	18,29	25,40
	inch	2,00	1,00	2,50	1,50	1,12	0,38	1,38	3,00	5,24	-	0,28	0,72	1,00
SS-NVHF6-13-60K	mm	50,80	25,40	69,90	42,90	33,30	9,65	35,05	76,20	140,20	-	7,11	18,29	25,40
	inch	2,00	1,00	2,75	1,69	1,31	0,38	1,38	3,00	5,52	-	0,28	0,72	1,00
SS-NVHF9-13-30K	mm	66,55	33,27	73,20	39,62	28,45	9,65	35,05	76,20	142,70	-	7,11	25,40	38,10
	inch	2,62	1,31	2,88	1,56	1,12	0,38	1,38	3,00	5,62	-	0,28	1,00	1,50
SS-NVHF9-13-60K	mm	66,55	33,27	77,00	44,50	33,30	9,65	35,05	76,20	147,80	-	7,11	25,40	38,10
	inch	2,62	1,31	3,03	1,75	1,31	0,38	1,38	3,00	5,82	-	0,28	1,00	1,50

3-Way-Needle Valve

Medium-Pressure (2x IN / 1x OUT)



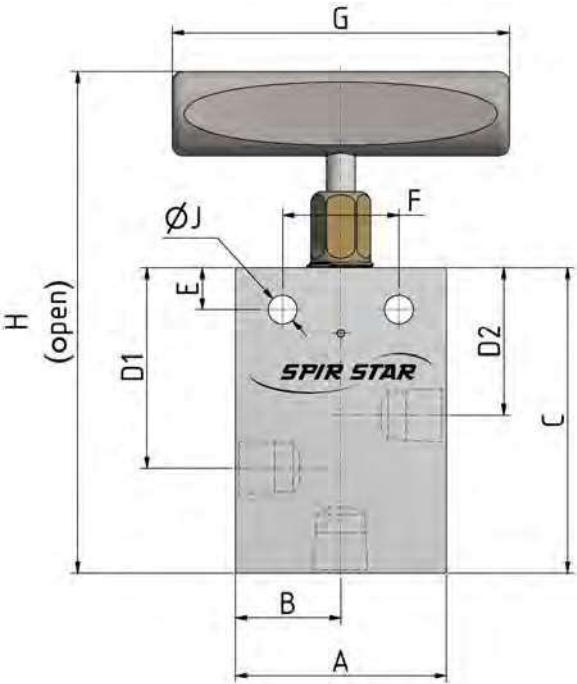
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-13-20K	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4	TU-MP4-20K
SS-NVMF6-13-20K	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4	TU-MP6-20K
SS-NVMF9-13-20K	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVNF8/NF6/MF9	TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-13-20K	mm	50,80	25,40	66,55	41,40	30,23	9,65	31,50	76,20	138,68	-	6,35	9,65	25,40
	inch	2,00	1,00	2,62	1,63	1,19	0,38	1,24	3,00	5,46	-	0,25	0,38	1,00
SS-NVMF6-13-20K	mm	50,80	25,40	66,55	41,40	30,23	9,65	31,50	76,20	138,68	-	6,35	12,19	25,40
	inch	2,00	1,00	2,62	1,63	1,19	0,38	1,24	3,00	5,46	-	0,25	0,48	1,00
SS-NVMF9-13-20K	mm	63,50	31,75	92,20	44,50	44,50	12,70	35,05	102,00	157,70	-	8,64	17,27	25,40
	inch	2,50	1,25	3,63	1,75	1,75	0,50	1,38	4,02	6,21	-	0,34	0,68	1,00

3-Way-Needle Valve



NPT (2x IN / 1x OUT)



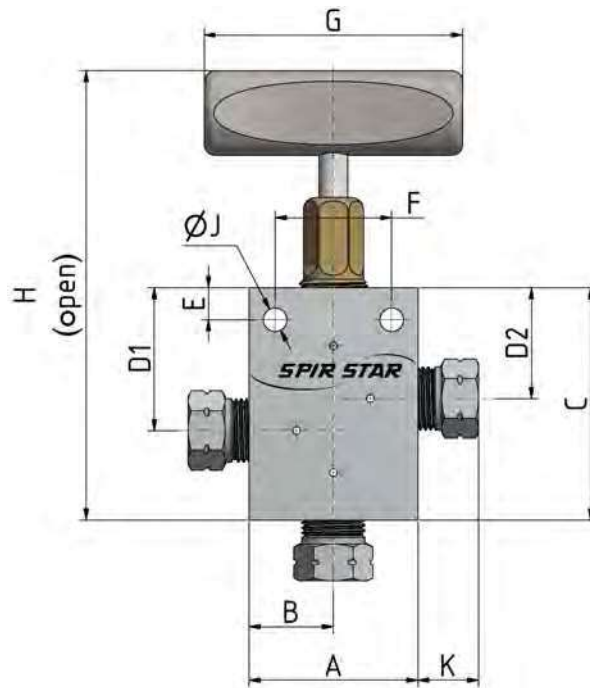
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-13-I5K	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4	
SS-NVNF6-13-I5K	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9	
SS-NVNF8-13-I5K	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-13-I5K	mm	50,80	25,40	66,50	41,30	30,20	9,70	31,50	76,20	139,00	-	6,40	-	25,40
	inch	2,00	1,00	2,62	1,63	1,19	0,38	1,24	3,00	5,47	-	0,25	-	1,00
SS-NVNF6-13-I5K	mm	63,50	31,80	85,90	60,40	44,50	12,70	35,00	102,00	157,50	-	8,70	-	25,40
	inch	2,50	1,25	3,38	2,38	1,75	0,50	1,38	4,02	6,20	-	0,34	-	1,00
SS-NVNF8-13-I5K	mm	63,50	31,80	85,90	60,40	44,50	12,70	35,00	102,00	157,50	-	8,70	-	31,60
	inch	2,50	1,25	3,38	2,38	1,75	0,50	1,38	4,02	6,20	-	0,34	-	1,24

Quick Open 3-Way-Needle Valve



High-Pressure (2x IN / 1x OUT)

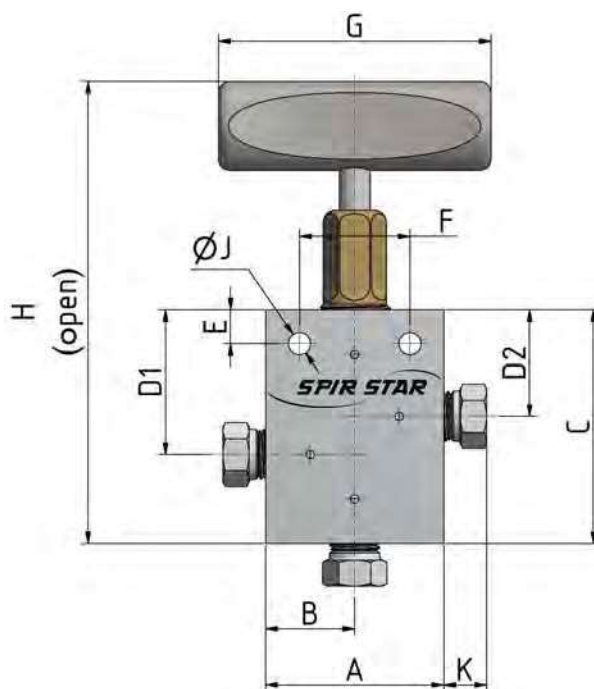


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-I3-30K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093	RK-NV-30K-QT	TU-HP4-60K
SS-NVHF6-I3-30K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125	RK-NV-30K-QT	TU-HP6-60K
SS-NVHF9-I3-30K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125	RK-NV-30K-QT	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-I3-60K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062	RK-NV-60K-QT	TU-HP4-60K
SS-NVHF6-I3-60K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062	RK-NV-60K-QT	TU-HP6-60K
SS-NVHF9-I3-60K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062	RK-NV-60K-QT	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-I3-30K-QT	mm	50,80	25,40	53,80	38,10	28,45	9,65	35,05	76,20	123,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,12	1,50	1,12	0,38	1,38	3,00	4,86	-	0,28	0,59	1,00
SS-NVHF4-I3-60K-QT	mm	50,80	25,40	60,50	42,90	33,30	9,65	35,05	76,20	130,80	-	7,11	14,99	25,40
	inch	2,00	1,00	2,38	1,69	1,31	0,38	1,38	3,00	5,15	-	0,28	0,59	1,00
SS-NVHF6-I3-30K-QT	mm	50,80	25,40	63,50	38,10	28,45	9,65	35,05	76,20	133,10	-	7,11	18,29	25,40
	inch	2,00	1,00	2,50	1,50	1,12	0,38	1,38	3,00	5,24	-	0,28	0,72	1,00
SS-NVHF6-I3-60K-QT	mm	50,80	25,40	69,90	42,90	33,30	9,65	35,05	76,20	140,20	-	7,11	18,29	25,40
	inch	2,00	1,00	2,75	1,69	1,31	0,38	1,38	3,00	5,52	-	0,28	0,72	1,00
SS-NVHF9-I3-30K-QT	mm	66,55	33,27	73,20	39,62	28,45	9,65	35,05	76,20	142,70	-	7,11	25,40	38,10
	inch	2,62	1,31	2,88	1,56	1,12	0,38	1,38	3,00	5,62	-	0,28	1,00	1,50
SS-NVHF9-I3-60K-QT	mm	66,55	33,27	77,00	44,50	33,30	9,65	35,05	76,20	147,80	-	7,11	25,40	38,10
	inch	2,62	1,31	3,03	1,75	1,31	0,38	1,38	3,00	5,82	-	0,28	1,00	1,50

Quick Open 3-Way-Needle Valve

Medium-Pressure (2x IN / 1x OUT)



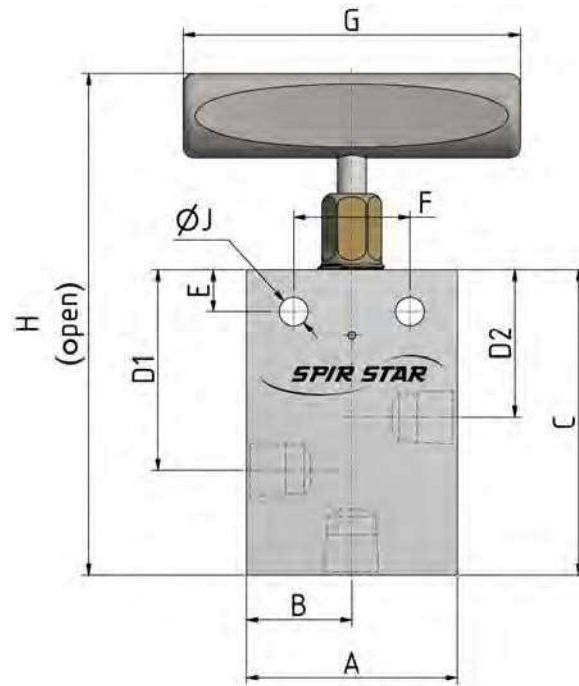
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-I3-20K-QT	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4-QT	TU-MP4-20K
SS-NVMF6-I3-20K-QT	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4-QT	TU-MP6-20K
SS-NVMF9-I3-20K-QT	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVNFB/NF6/MF9-QT	TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-I3-20K-QT	mm	50,80	25,40	66,55	41,40	30,23	9,65	31,50	76,20	138,68	-	6,35	9,65	25,40
	inch	2,00	1,00	2,62	1,63	1,19	0,38	1,24	3,00	5,46	-	0,25	0,38	1,00
SS-NVMF6-I3-20K-QT	mm	50,80	25,40	66,55	41,40	30,23	9,65	31,50	76,20	138,68	-	6,35	12,19	25,40
	inch	2,00	1,00	2,62	1,63	1,19	0,38	1,24	3,00	5,46	-	0,25	0,48	1,00
SS-NVMF9-I3-20K-QT	mm	63,50	31,75	73,15	60,45	44,45	12,70	35,05	101,60	138,68	-	8,64	17,27	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	4,00	5,46	-	0,34	0,68	1,00

Quick Open 3-Way-Needle Valve



NPT - (2x IN / 1x OUT)

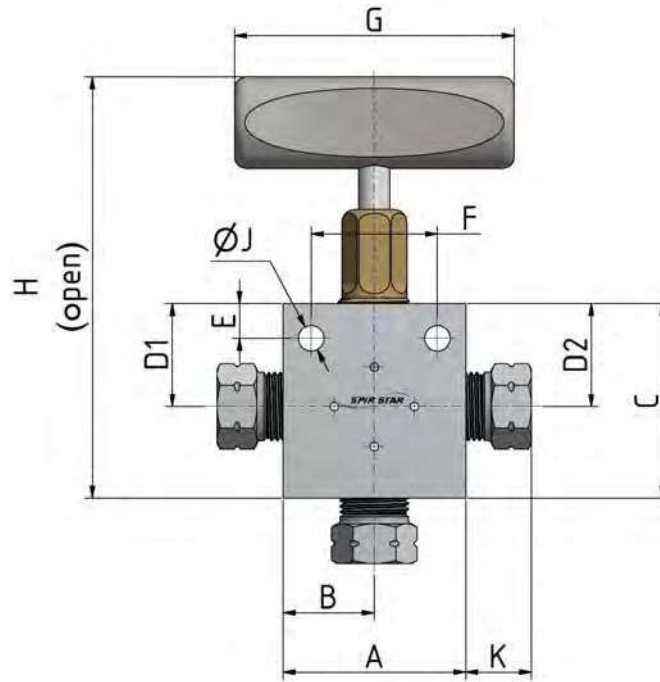


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-13-15K-QT	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4-QT	
SS-NVNF6-13-15K-QT	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	
SS-NVNF8-13-15K-QT	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-13-15K-QT	mm	50,80	25,40	66,50	41,30	30,20	9,70	31,50	76,20	139,00	-	6,40	-	25,40
	inch	2,00	1,00	2,62	1,63	1,19	0,38	1,24	3,00	5,47	-	0,25	-	1,00
SS-NVNF6-13-15K-QT	mm	63,50	31,80	85,90	60,40	44,50	12,70	35,00	102,00	157,50	-	8,70	-	25,40
	inch	2,50	1,25	3,38	2,38	1,75	0,50	1,38	4,02	6,20	-	0,34	-	1,00
SS-NVNF8-13-15K-QT	mm	63,50	31,80	85,90	60,40	44,50	12,70	35,00	102,00	157,50	-	8,70	-	31,60
	inch	2,50	1,25	3,38	2,38	1,75	0,50	1,38	4,02	6,20	-	0,34	-	1,24

3-Way-Needle Valve

High-Pressure (1x IN / 2x OUT)



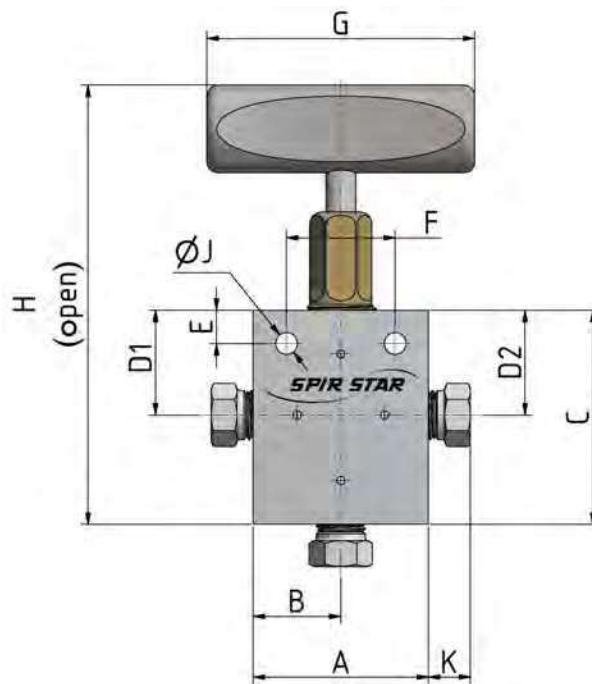
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-14-30K	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093	RK-NV-30K	TU-HP4-60K
SS-NVHF6-14-30K	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125	RK-NV-30K	TU-HP6-60K
SS-NVHF9-14-30K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125	RK-NV-30K	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-14-60K	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062	RK-NV-60K	TU-HP4-60K
SS-NVHF6-14-60K	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062	RK-NV-60K	TU-HP6-60K
SS-NVHF9-14-60K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062	RK-NV-60K	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-14-30K	mm	50,80	25,40	50,80	28,50	28,45	9,65	35,05	76,20	120,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	1,12	1,12	0,38	1,38	3,00	4,74	-	0,28	0,59	1,00
SS-NVHF4-14-60K	mm	50,80	25,40	60,50	33,30	33,27	9,65	35,05	76,20	130,80	-	7,11	14,99	25,40
	inch	2,00	1,00	2,38	1,31	1,31	0,38	1,38	3,00	5,15	-	0,28	0,59	1,00
SS-NVHF6-14-30K	mm	50,80	25,40	53,80	28,50	28,45	9,65	35,05	76,20	123,40	-	7,11	18,29	25,40
	inch	2,00	1,00	2,12	1,12	1,12	0,38	1,38	3,00	4,86	-	0,28	0,72	1,00
SS-NVHF6-14-60K	mm	50,80	25,40	66,50	33,30	33,27	9,65	35,05	76,20	136,90	-	7,11	18,29	25,40
	inch	2,00	1,00	2,62	1,31	1,31	0,38	1,38	3,00	5,39	-	0,28	0,72	1,00
SS-NVHF9-14-30K	mm	66,55	33,27	61,98	28,50	28,45	9,65	35,05	76,20	131,57	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	1,12	1,12	0,38	1,38	3,00	5,18	-	0,28	1,00	1,50
SS-NVHF9-14-60K	mm	66,55	33,27	71,40	33,30	33,27	9,65	38,10	76,20	141,70	-	7,11	25,40	38,10
	inch	2,62	1,31	2,81	1,31	1,31	0,38	1,50	3,00	5,58	-	0,28	1,00	1,50

3-Way-Needle Valve



Medium-Pressure (1x IN / 2x OUT)



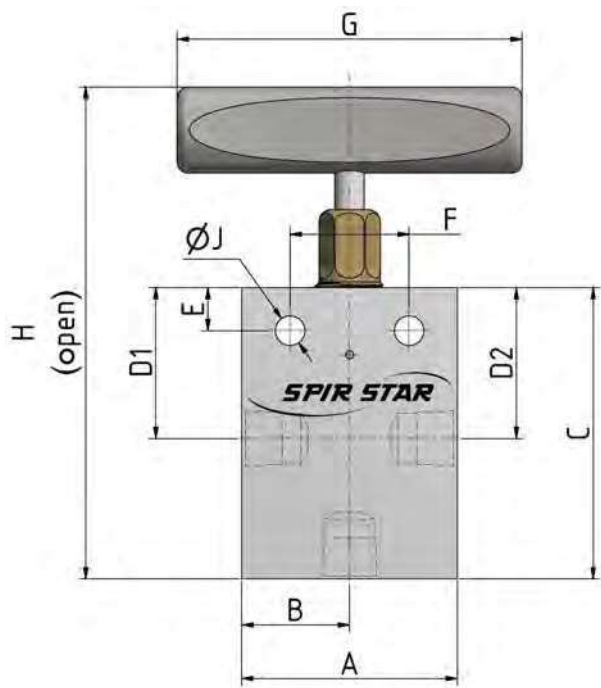
Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-14-20K	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4	TU-MP4-20K
SS-NVMF6-14-20K	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4	TU-MP6-20K
SS-NVMF9-14-20K	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVNF8/NF6/MF9	TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-14-20K	mm	50,80	25,40	62,00	30,20	30,23	9,65	31,50	76,20	134,10	-	6,35	9,65	25,40
	inch	2,00	1,00	2,44	1,19	1,19	0,38	1,24	3,00	5,28	-	0,25	0,38	1,00
SS-NVMF6-14-20K	mm	50,80	25,40	62,00	30,20	30,23	9,65	31,50	76,20	134,10	-	6,35	12,19	25,40
	inch	2,00	1,00	2,44	1,19	1,19	0,38	1,24	3,00	5,28	-	0,25	0,48	1,00
SS-NVMF9-14-20K	mm	63,50	31,75	85,90	44,50	44,45	12,70	35,05	102,00	151,40	-	8,64	17,27	25,40
	inch	2,50	1,25	3,38	1,75	1,75	0,50	1,38	4,02	5,96	-	0,34	0,68	1,00

3-Way-Needle Valve



NPT (1x IN / 2x OUT)



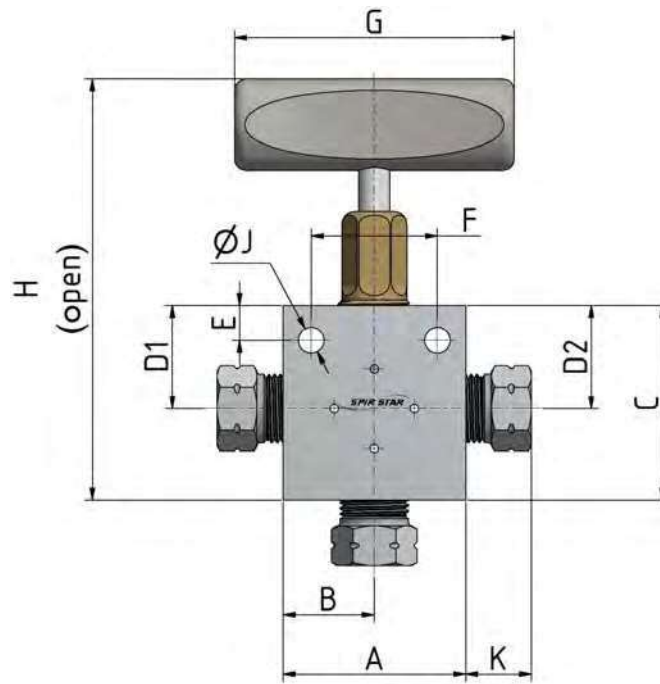
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-14-I5K	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4	
SS-NVNF6-14-I5K	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9	
SS-NVNF8-14-I5K	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-14-I5K	mm	50,80	25,40	62,00	30,20	-	9,70	31,50	76,20	134,10	-	6,40	-	25,40
	inch	2,00	1,00	2,44	1,19	-	0,38	1,24	3,00	5,28	-	0,25	-	1,00
SS-NVNF6-14-I5K	mm	63,50	31,80	85,90	44,50	-	12,70	35,00	102,00	152,00	-	8,70	-	25,40
	inch	2,50	1,25	3,38	1,75	-	0,50	1,38	4,02	5,98	-	0,34	-	1,00
SS-NVNF8-14-I5K	mm	63,50	31,80	85,90	44,50	-	12,70	35,00	102,00	152,00	-	8,70	-	31,60
	inch	2,50	1,25	3,38	1,75	-	0,50	1,38	4,02	5,98	-	0,34	-	1,24

Quick Open 3-Way-Needle Valve



High-Pressure (1x IN / 2x OUT)

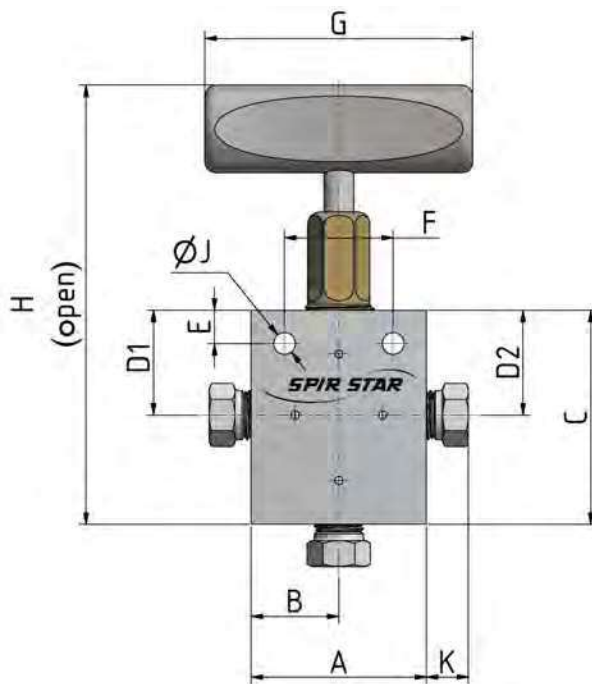


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-14-30K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093	RK-NV-30K-QT	TU-HP4-60K
SS-NVHF6-14-30K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125	RK-NV-30K-QT	TU-HP6-60K
SS-NVHF9-14-30K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125	RK-NV-60K-QT	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-14-60K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062	RK-NV-60K-QT	TU-HP4-60K
SS-NVHF6-14-60K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062	RK-NV-60K-QT	TU-HP6-60K
SS-NVHF9-14-60K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062	RK-NV-60K-QT	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-I4-30K-QT	mm	50,80	25,40	50,80	28,50	28,45	9,65	35,05	76,20	120,40	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	1,12	1,12	0,38	1,38	3,00	4,74	-	0,28	0,59	1,00
SS-NVHF4-I4-60K-QT	mm	50,80	25,40	60,50	33,30	33,27	9,65	35,05	76,20	130,80	-	7,11	14,99	25,40
	inch	2,00	1,00	2,38	1,31	1,31	0,38	1,38	3,00	5,15	-	0,28	0,59	1,00
SS-NVHF6-I4-30K-QT	mm	50,80	25,40	53,80	28,50	28,45	9,65	35,05	76,20	123,40	-	7,11	18,29	25,40
	inch	2,00	1,00	2,12	1,12	1,12	0,38	1,38	3,00	4,86	-	0,28	0,72	1,00
SS-NVHF6-I4-60K-QT	mm	50,80	25,40	66,50	33,30	33,27	9,65	35,05	76,20	136,90	-	7,11	18,29	25,40
	inch	2,00	1,00	2,62	1,31	1,31	0,38	1,38	3,00	5,39	-	0,28	0,72	1,00
SS-NVHF9-I4-30K-QT	mm	66,55	33,27	61,98	28,50	28,45	9,65	35,05	76,20	131,57	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	1,12	1,12	0,38	1,38	3,00	5,18	-	0,28	1,00	1,50
SS-NVHF9-I4-60K-QT	mm	66,55	33,27	71,40	33,30	33,27	9,65	38,10	76,20	141,70	-	7,11	25,40	38,10
	inch	2,62	1,31	2,81	1,31	1,31	0,38	1,50	3,00	5,58	-	0,28	1,00	1,50

Quick Open 3-Way-Needle Valve

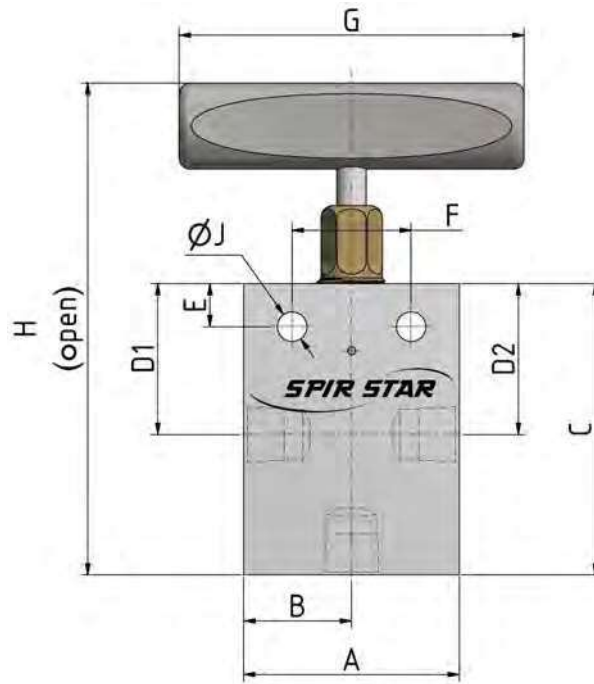
Medium-Pressure (1x IN / 2x OUT)



Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-I4-20K-QT	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125	RK-NVMF4/MF6/NF4-QT	TU-MP4-20K
SS-NVMF6-I4-20K-QT	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200	RK-NVMF4/MF6/NF4-QT	TU-MP6-20K
SS-NVMF9-I4-20K-QT	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312	RK-NVNF8/NF6/MF9-QT	TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-I4-20K- QT	mm	50,80	25,40	62,00	30,20	30,23	9,65	31,50	76,20	134,10	-	6,35	9,65	25,40
	inch	2,00	1,00	2,44	1,19	1,19	0,38	1,24	3,00	5,28	-	0,25	0,38	1,00
SS-NVMF6-I4-20K- QT	mm	50,80	25,40	62,00	30,20	30,23	9,65	31,50	76,20	134,10	-	6,35	12,19	25,40
	inch	2,00	1,00	2,44	1,19	1,19	0,38	1,24	3,00	5,28	-	0,25	0,48	1,00
SS-NVMF9-I4-20K- QT	mm	63,50	31,75	85,90	44,50	44,45	12,70	35,05	102,00	151,40	-	8,64	17,27	25,40
	inch	2,50	1,25	3,38	1,75	1,75	0,50	1,38	4,02	5,96	-	0,34	0,68	1,00

NPT (1x IN / 2x OUT)

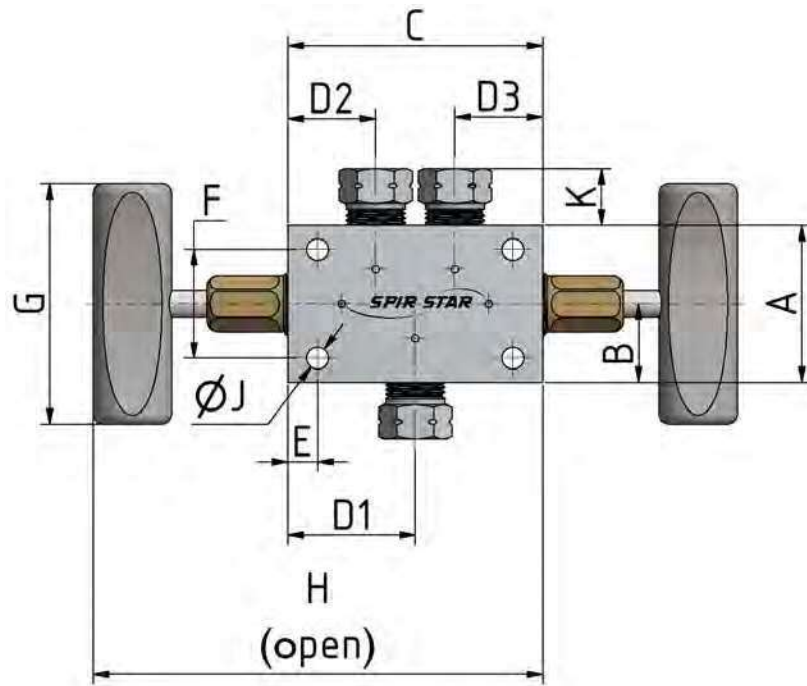


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-14-15K-QT	NF4		1/4"	6,400	0,252	RK-NVMF4/MF6/NF4-QT	
SS-NVNF6-14-15K-QT	NF6		3/8"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	
SS-NVNF8-14-15K-QT	NF8		1/2"	7,900	0,311	RK-NVNF8/NF6/MF9-QT	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-14-15K-QT	mm	50,80	25,40	62,00	30,20	-	9,70	31,50	76,20	134,10	-	6,40	-	25,40
	inch	2,00	1,00	2,44	1,19	-	0,38	1,24	3,00	5,28	-	0,25	-	1,00
SS-NVNF6-14-15K-QT	mm	63,50	31,80	85,90	44,50	-	12,70	35,00	102,00	152,00	-	8,70	-	25,40
	inch	2,50	1,25	3,38	1,75	-	0,50	1,38	4,02	5,98	-	0,34	-	1,00
SS-NVNF8-14-15K-QT	mm	63,50	31,80	85,90	44,50	-	12,70	35,00	102,00	152,00	-	8,70	-	31,60
	inch	2,50	1,25	3,38	1,75	-	0,50	1,38	4,02	5,98	-	0,34	-	1,24

3-Way/ 2-Stem Manifold -Needle Valve

High-Pressure

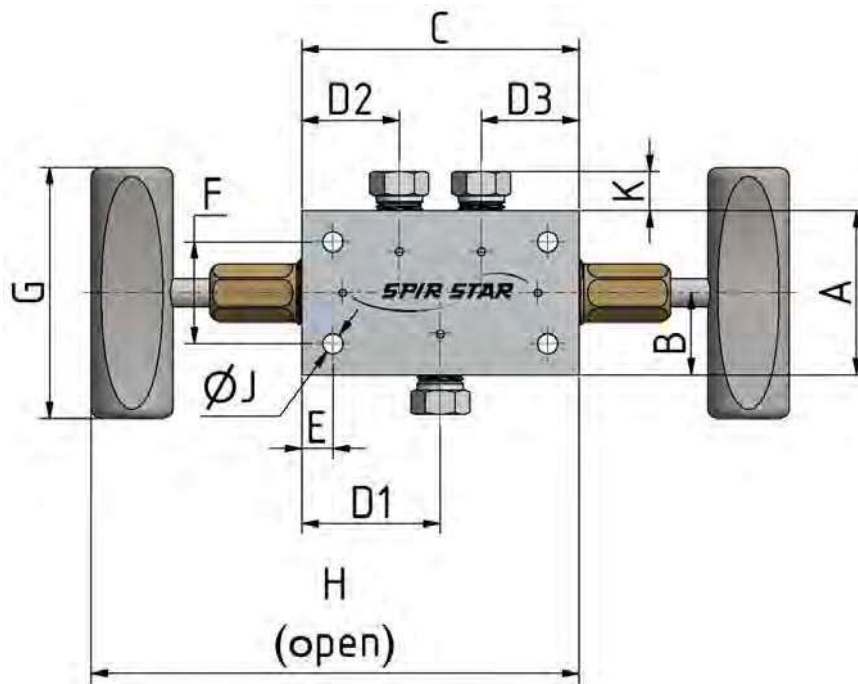


Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-15-30K	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093		TU-HP4-60K
SS-NVHF6-15-30K	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125		TU-HP6-60K
SS-NVHF9-15-30K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125		TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-15-60K	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062		TU-HP4-60K
SS-NVHF6-15-60K	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062		TU-HP6-60K
SS-NVHF9-15-60K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062		TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-15-30K	mm	50,80	25,40	77,72	38,86	28,45	9,65	35,05	76,20	216,92	-	7,11	15,00	25,40
	inch	2,00	1,00	3,06	1,53	1,12	0,38	1,38	3,00	8,54	-	0,28	0,59	1,00
SS-NVHF4-15-60K	mm	50,80	25,40	87,38	43,69	33,27	9,65	35,05	76,20	228,09	-	7,11	14,99	25,40
	inch	2,00	1,00	3,44	1,72	1,31	0,38	1,38	3,00	8,98	-	0,28	0,59	1,00
SS-NVHF6-15-30K	mm	50,80	25,40	82,55	41,15	28,45	9,65	35,05	76,20	221,74	-	7,11	18,29	25,40
	inch	2,00	1,00	3,25	1,62	1,12	0,38	1,38	3,00	8,73	-	0,28	0,72	1,00
SS-NVHF6-15-60K	mm	50,80	25,40	95,25	47,75	33,27	9,65	35,05	76,20	235,97	-	7,11	18,29	25,40
	inch	2,00	1,00	3,75	1,88	1,31	0,38	1,38	3,00	9,29	-	0,28	0,72	1,00
SS-NVHF9-15-30K	mm	66,55	33,27	95,25	47,75	28,45	9,65	35,05	76,20	234,44	-	7,11	25,40	38,10
	inch	2,62	1,31	3,75	1,88	1,12	0,38	1,38	3,00	9,23	-	0,28	1,00	1,50
SS-NVHF9-15-60K	mm	66,55	33,27	104,65	82,30	33,27	9,65	35,05	76,20	245,36	-	7,11	25,40	38,10
	inch	2,62	1,31	4,12	3,24	1,31	0,38	1,38	3,00	9,66	-	0,28	1,00	1,50

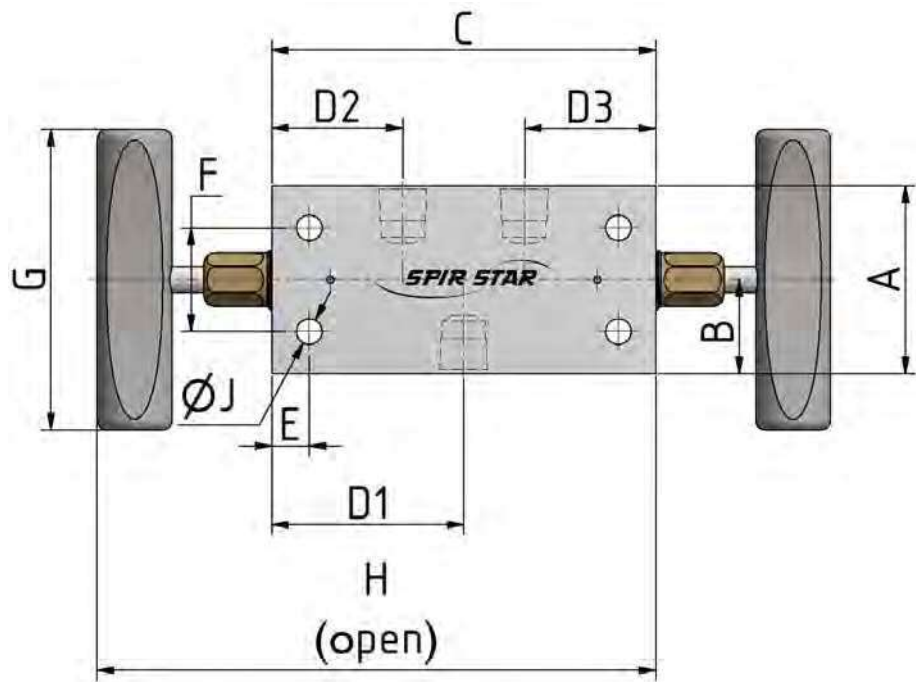
3-Way/ 2-Stem Manifold -Needle Valve

Medium-Pressure



Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-15-20K	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125		TU-MP4-20K
SS-NVMF6-15-20K	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200		TU-MP6-20K
SS-NVMF9-15-20K	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312		TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-15-20K	mm	50,80	25,40	85,85	42,93	30,23	9,65	31,50	76,20	230,12	-	6,35	9,65	25,40
	inch	2,00	1,00	3,38	1,69	1,19	0,38	1,24	3,00	9,06	-	0,25	0,38	1,00
SS-NVMF6-15-20K	mm	50,80	25,40	85,85	65,02	44,45	9,65	31,50	76,20	230,12	-	6,35	12,19	25,40
	inch	2,00	1,00	3,38	2,56	1,75	0,38	1,24	3,00	9,06	-	0,25	0,48	1,00
SS-NVMF9-15-20K	mm	63,50	31,75	130,05	65,02	44,45	12,70	35,05	102,00	261,11	-	8,64	17,27	25,40
	inch	2,50	1,25	5,12	2,56	1,75	0,50	1,38	4,02	10,28	-	0,34	0,68	1,00



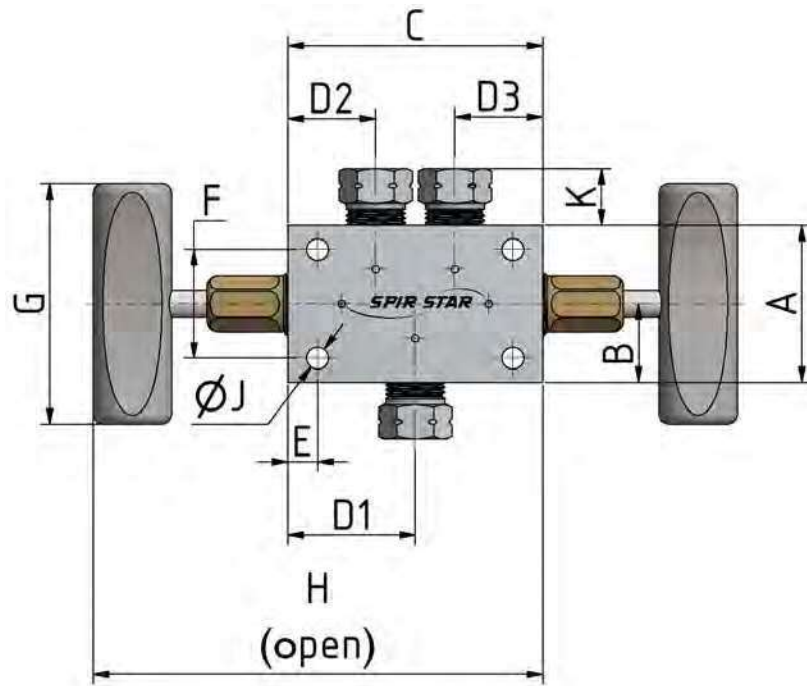
Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-15-15K	NF4		1/4"	6,350	0,250		
SS-NVNF6-15-15K	NF6		3/8"	7,925	0,312		
SS-NVNF8-15-15K	NF8		1/2"	7,925	0,312		

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-15-15K	mm	50,80	25,40	85,85	42,93	30,23	9,65	31,50	76,20	230,12	-	6,35	-	25,40
	inch	2,00	1,00	3,38	1,69	1,19	0,38	1,24	3,00	9,06	-	0,25	-	1,00
SS-NVNF6-15-15K	mm	63,50	31,75	130,05	65,02	44,45	12,70	35,05	102,00	261,11	-	8,70	-	25,40
	inch	2,50	1,25	5,12	2,56	1,75	0,50	1,38	4,02	10,28	-	0,34	-	1,00
SS-NVNF8-15-15K	mm	63,50	31,75	130,05	65,02	44,45	12,70	35,05	102,00	261,11	-	8,70	-	31,75
	inch	2,50	1,25	5,12	2,56	1,75	0,50	1,38	4,02	10,28	-	0,34	-	1,25

Quick Open 3-Way/ 2-Stem Manifold -Needle Valve

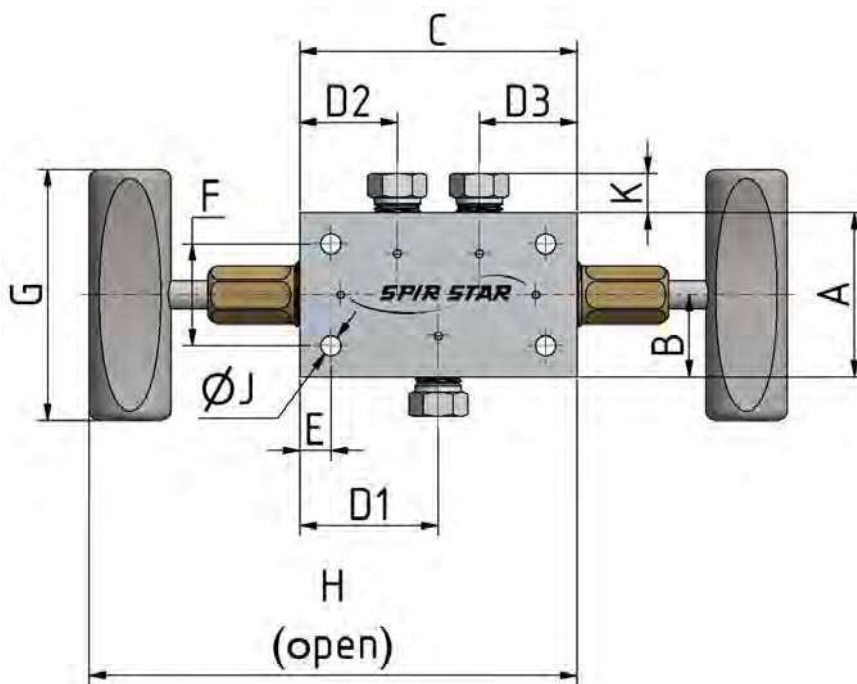


High-Pressure



Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-15-30K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093		TU-HP4-60K
SS-NVHF6-15-30K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125		TU-HP6-60K
SS-NVHF9-15-30K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125		TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-15-60K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062		TU-HP4-60K
SS-NVHF6-15-60K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062		TU-HP6-60K
SS-NVHF9-15-60K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062		TU-HP9-60K

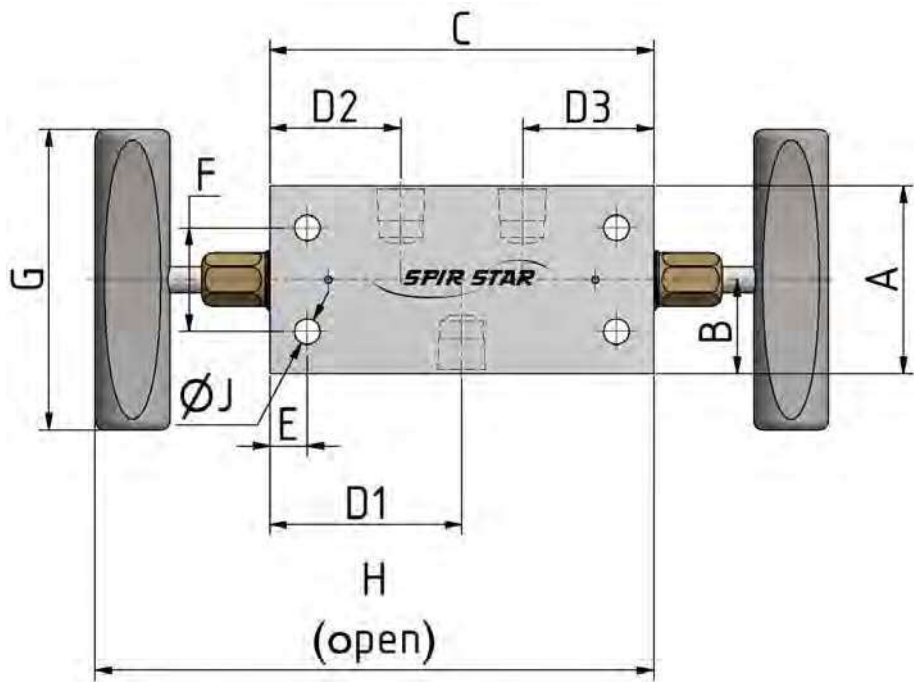
Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-I5-30K-QT	mm	50,80	25,40	87,38	43,69	33,27	9,65	35,05	76,20	228,09	-	7,11	14,99	25,40
	inch	2,00	1,00	3,44	1,72	1,31	0,38	1,38	3,00	8,98	-	0,28	0,59	1,00
SS-NVHF4-I5-60K-QT	mm	50,80	25,40	87,38	43,69	33,27	9,65	35,05	76,20	228,09	-	7,11	14,99	25,40
	inch	2,00	1,00	3,44	1,72	1,31	0,38	1,38	3,00	8,98	-	0,28	0,59	1,00
SS-NVHF6-I5-30K-QT	mm	50,80	25,40	95,25	47,75	33,27	9,65	35,05	76,20	235,97	-	7,11	18,29	25,40
	inch	2,00	1,00	3,75	1,88	1,31	0,38	1,38	3,00	9,29	-	0,28	0,72	1,00
SS-NVHF6-I5-60K-QT	mm	50,80	25,40	95,25	47,75	33,27	9,65	35,05	76,20	235,97	-	7,11	18,29	25,40
	inch	2,00	1,00	3,75	1,88	1,31	0,38	1,38	3,00	9,29	-	0,28	0,72	1,00
SS-NVHF9-I5-30K-QT	mm	66,55	33,27	104,65	52,32	33,27	9,65	35,05	76,20	245,36	-	7,11	25,40	38,10
	inch	2,62	1,31	4,12	2,06	1,31	0,38	1,38	3,00	9,66	-	0,28	1,00	1,50
SS-NVHF9-I5-60K-QT	mm	66,55	33,27	104,65	82,30	33,27	9,65	35,05	76,20	245,36	-	7,11	25,40	38,10
	inch	2,62	1,31	4,12	3,24	1,31	0,38	1,38	3,00	9,66	-	0,28	1,00	1,50



Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-I5-20K-QT	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125		TU-MP4-20K
SS-NVMF6-I5-20K-QT	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200		TU-MP6-20K
SS-NVMF9-I5-20K-QT	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312		TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-I5-20K-QT	mm	50,80	25,40	85,85	42,93	30,23	9,65	31,50	76,20	230,12	-	6,35	9,65	25,40
	inch	2,00	1,00	3,38	1,69	1,19	0,38	1,24	3,00	9,06	-	0,25	0,38	1,00
SS-NVMF6-I5-20K-QT	mm	50,80	25,40	85,85	65,02	44,45	9,65	31,50	76,20	230,12	-	6,35	12,19	25,40
	inch	2,00	1,00	3,38	2,56	1,75	0,38	1,24	3,00	9,06	-	0,25	0,48	1,00
SS-NVMF9-I5-20K-QT	mm	63,50	31,75	130,05	65,02	44,45	12,70	35,05	102,00	261,11	-	8,64	17,27	25,40
	inch	2,50	1,25	5,12	2,56	1,75	0,50	1,38	4,02	10,28	-	0,34	0,68	1,00

NPT

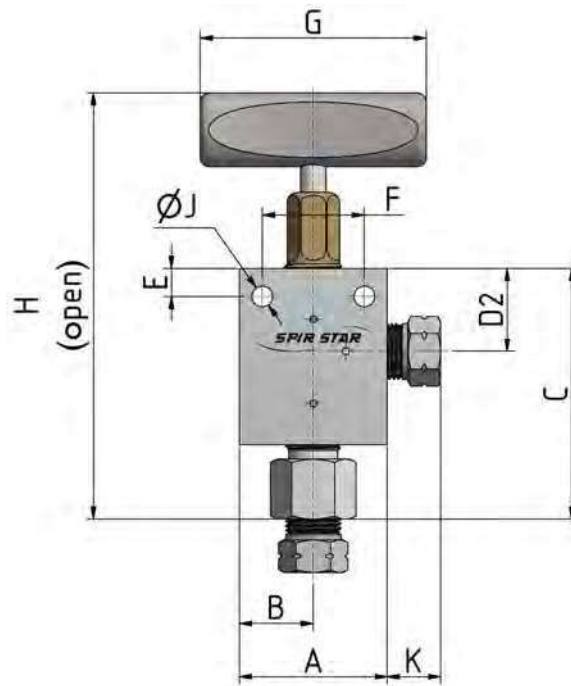


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-I5-I5K-QT	NF4		1/4"	6,350	0,250		
SS-NVNF6-I5-I5K-QT	NF6		3/8"	7,925	0,312		
SS-NVNF8-I5-I5K-QT	NF8		1/2"	7,925	0,312		

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-I5-I5K-QT	mm	50,80	25,40	85,85	42,93	30,23	9,65	31,50	76,20	230,12	-	6,35	-	25,40
	inch	2,00	1,00	3,38	1,69	1,19	0,38	1,24	3,00	9,06	-	0,25	-	1,00
SS-NVNF6-I5-I5K-QT	mm	63,50	31,75	130,05	65,02	44,45	12,70	35,05	102,00	261,11	-	8,70	-	25,40
	inch	2,50	1,25	5,12	2,56	1,75	0,50	1,38	4,02	10,28	-	0,34	-	1,00
SS-NVNF8-I5-I5K-QT	mm	63,50	31,75	130,05	65,02	44,45	12,70	35,05	102,00	261,11	-	8,70	-	31,75
	inch	2,50	1,25	5,12	2,56	1,75	0,50	1,38	4,02	10,28	-	0,34	-	1,25

2-Way-Angle-Needle Valve

High-Pressure (replaceable seat)



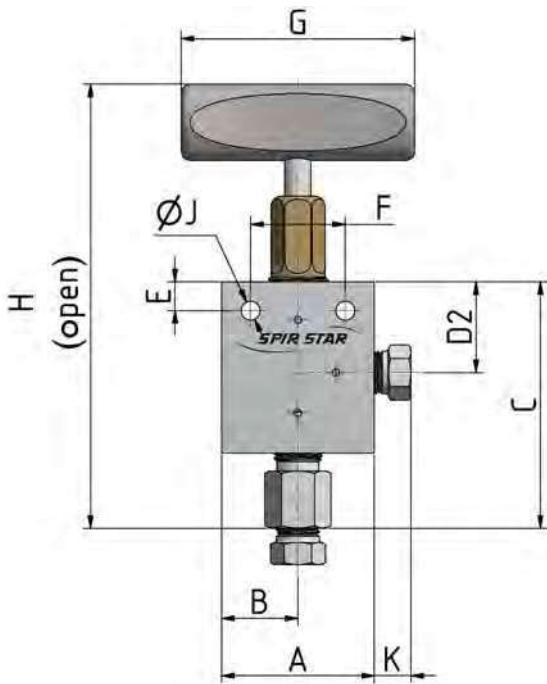
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-16-30K	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093		TU-HP4-60K
SS-NVHF6-16-30K	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125		TU-HP6-60K
SS-NVHF9-16-30K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125		TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-16-60K	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062		TU-HP4-60K
SS-NVHF6-16-60K	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062		TU-HP6-60K
SS-NVHF9-16-60K	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062		TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-16-30K	mm	50,80	25,40	79,25	-	28,45	9,65	35,05	76,20	148,08	-	7,11	14,99	25,40
	inch	2,00	1,00	3,12	-	1,12	0,38	1,38	3,00	5,83	-	0,28	0,59	1,00
SS-NVHF4-16-60K	mm	50,80	25,40	87,63	-	33,27	9,65	35,05	76,20	157,23	-	7,11	14,99	25,40
	inch	2,00	1,00	3,45	-	1,31	0,38	1,38	3,00	6,19	-	0,28	0,59	1,00
SS-NVHF6-16-30K	mm	50,80	25,40	86,11	-	28,45	9,65	35,05	76,20	154,69	-	7,11	18,29	25,40
	inch	2,00	1,00	3,39	-	1,12	0,38	1,38	3,00	6,09	-	0,28	0,72	1,00
SS-NVHF6-16-60K	mm	50,80	25,40	95,25	-	33,27	9,65	35,05	76,20	164,85	-	7,11	18,29	25,40
	inch	2,00	1,00	3,75	-	1,31	0,38	1,38	3,00	6,49	-	0,28	0,72	1,00
SS-NVHF9-16-30K	mm	66,55	33,27	97,03	-	30,23	9,65	35,05	76,20	165,61	-	7,11	25,40	38,10
	inch	2,62	1,31	3,82	-	1,19	0,38	1,38	3,00	6,52	-	0,28	1,00	1,50
SS-NVHF9-16-60K	mm	66,55	33,27	101,60	-	33,27	9,65	35,05	76,20	171,20	-	7,11	25,40	38,10
	inch	2,62	1,31	4,00	-	1,31	0,38	1,38	3,00	6,74	-	0,28	1,00	1,50

2-Way-Angle-Needle Valve



Medium-Pressure (replaceable seat)

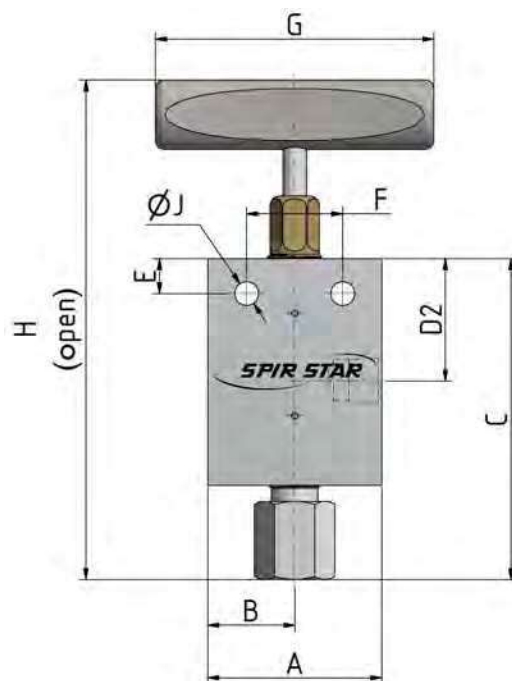


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-16-20K	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125		TU-MP4-20K
SS-NVMF6-16-20K	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200		TU-MP6-20K
SS-NVMF9-16-20K	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312		TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-16-20K	mm	50,80	25,40	83,82	-	30,23	9,65	31,50	76,20	153,42	-	6,35	9,65	25,40
	inch	2,00	1,00	3,30	-	1,19	0,38	1,24	3,00	6,04	-	0,25	0,38	1,00
SS-NVMF6-16-20K	mm	50,80	25,40	83,82	-	30,23	9,65	31,50	76,20	153,42	-	6,35	12,19	25,40
	inch	2,00	1,00	3,30	-	1,19	0,38	1,24	3,00	6,04	-	0,25	0,48	1,00
SS-NVMF9-16-20K	mm	63,50	31,75	117,60	-	44,45	12,70	35,05	102,00	183,13	-	8,64	17,27	25,40
	inch	2,50	1,25	4,63	-	1,75	0,50	1,38	4,02	7,21	-	0,34	0,68	1,00

2-Way-Angle-Needle Valve

NPT (replaceable seat)



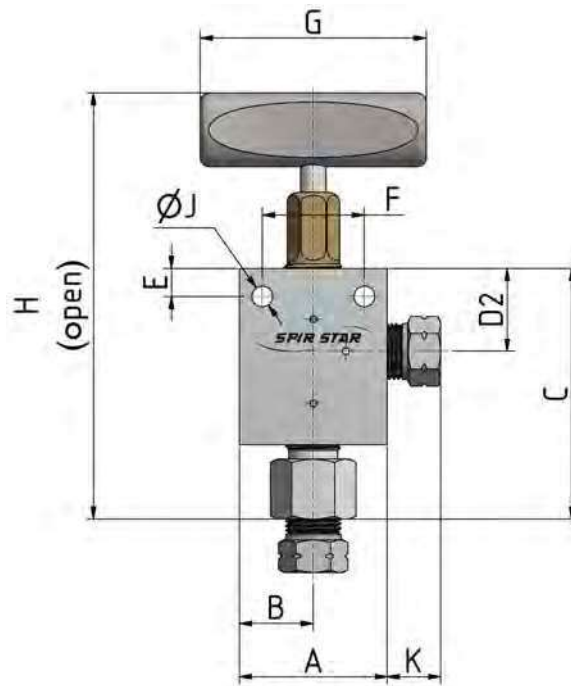
Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-16-15K	NF4		1/4"	6,350	0,250		
SS-NVNF6-16-15K	NF6		3/8"	7,925	0,312		
SS-NVNF8-16-15K	NF8		1/2"	7,925	0,312		

Part Number	Unit	Dimensions												
		A	B	C	DI	D2	E	F	G	H	I	J	K	L
SS-NVNF4-16-15K	mm	50,80	25,40	83,82	-	30,23	9,65	31,50	76,20	157,23	-	6,35	-	25,40
	inch	2,00	1,00	3,30	-	1,19	0,38	1,24	3,00	6,19	-	0,25	-	1,00
SS-NVNF6-16-15K	mm	63,50	31,75	114,55	-	44,45	12,70	35,05	102,00	180,09	-	8,70	-	25,40
	inch	2,50	1,25	4,51	-	1,75	0,50	1,38	4,02	7,09	-	0,34	-	1,00
SS-NVNF8-16-15K	mm	63,50	31,75	117,35	-	44,45	12,70	35,05	102,00	182,88	-	8,70	-	38,10
	inch	2,50	1,25	4,62	-	1,75	0,50	1,38	4,02	7,20	-	0,34	-	1,50

Quick Open 2-Way-Angle-Needle Valve



High-Pressure (replaceable seat)

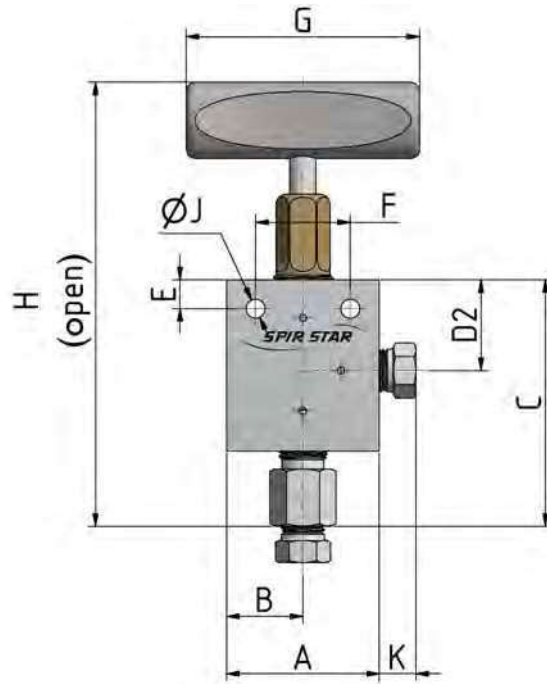


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-16-30K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	2,362	0,093		TU-HP4-60K
SS-NVHF6-16-30K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	3,175	0,125		TU-HP6-60K
SS-NVHF9-16-30K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	3,175	0,125		TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-16-60K-QT	HF4	1/4"x28UNF LH	9/16"x18UNF	1,575	0,062		TU-HP4-60K
SS-NVHF6-16-60K-QT	HF6	3/8"x24UNF LH	3/4"-16UNF	1,575	0,062		TU-HP6-60K
SS-NVHF9-16-60K-QT	HF9	9/16"x18UNF LH	1-1/8"x12UNF	1,575	0,062		TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-I6-30K-QT	mm	50,80	25,40	79,25	-	28,45	9,65	35,05	76,20	148,08	-	7,11	14,99	25,40
	inch	2,00	1,00	3,12	-	1,12	0,38	1,38	3,00	5,83	-	0,28	0,59	1,00
SS-NVHF4-I6-60K-QT	mm	50,80	25,40	87,63	-	33,27	9,65	35,05	76,20	157,23	-	7,11	14,99	25,40
	inch	2,00	1,00	3,45	-	1,31	0,38	1,38	3,00	6,19	-	0,28	0,59	1,00
SS-NVHF6-I6-30K-QT	mm	50,80	25,40	86,11	-	28,45	9,65	35,05	76,20	154,69	-	7,11	18,29	25,40
	inch	2,00	1,00	3,39	-	1,12	0,38	1,38	3,00	6,09	-	0,28	0,72	1,00
SS-NVHF6-I6-60K-QT	mm	50,80	25,40	95,25	-	33,27	9,65	35,05	76,20	164,85	-	7,11	18,29	25,40
	inch	2,00	1,00	3,75	-	1,31	0,38	1,38	3,00	6,49	-	0,28	0,72	1,00
SS-NVHF9-I6-30K-QT	mm	66,55	33,27	97,03	-	30,23	9,65	35,05	76,20	165,61	-	7,11	25,40	38,10
	inch	2,62	1,31	3,82	-	1,19	0,38	1,38	3,00	6,52	-	0,28	1,00	1,50
SS-NVHF9-I6-60K-QT	mm	66,55	33,27	101,60	-	33,27	9,65	35,05	76,20	171,20	-	7,11	25,40	38,10
	inch	2,62	1,31	4,00	-	1,31	0,38	1,38	3,00	6,74	-	0,28	1,00	1,50

Quick Open 2-Way-Angle-Needle Valve

Medium-Pressure (replaceable seat)

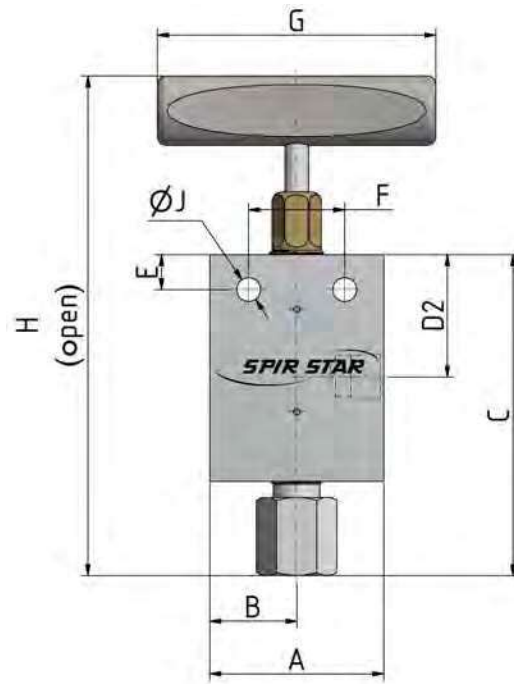


Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-16-20K-QT	MF4	1/4"x28UNF LH	7/16"-20UNF	3,175	0,125		TU-MP4-20K
SS-NVMF6-16-20K-QT	MF6	3/8"x24UNF LH	9/16"x18UNF	5,080	0,200		TU-MP6-20K
SS-NVMF9-16-20K-QT	MF9	9/16"x18UNF LH	13/16"-16UNF	7,925	0,312		TU-MP9-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-I6-20K-QT	mm	50,80	25,40	83,82	-	30,23	9,65	31,50	76,20	153,42	-	6,35	9,65	25,40
	inch	2,00	1,00	3,30	-	1,19	0,38	1,24	3,00	6,04	-	0,25	0,38	1,00
SS-NVMF6-I6-20K-QT	mm	50,80	25,40	83,82	-	30,23	9,65	31,50	76,20	153,42	-	6,35	12,19	25,40
	inch	2,00	1,00	3,30	-	1,19	0,38	1,24	3,00	6,04	-	0,25	0,48	1,00
SS-NVMF9-I6-20K-QT	mm	63,50	31,75	117,60	-	44,45	12,70	35,05	102,00	183,13	-	8,64	17,27	25,40
	inch	2,50	1,25	4,63	-	1,75	0,50	1,38	4,02	7,21	-	0,34	0,68	1,00

Quick Open 2-Way-Angle-Needle Valve

NPT (replaceable seat)



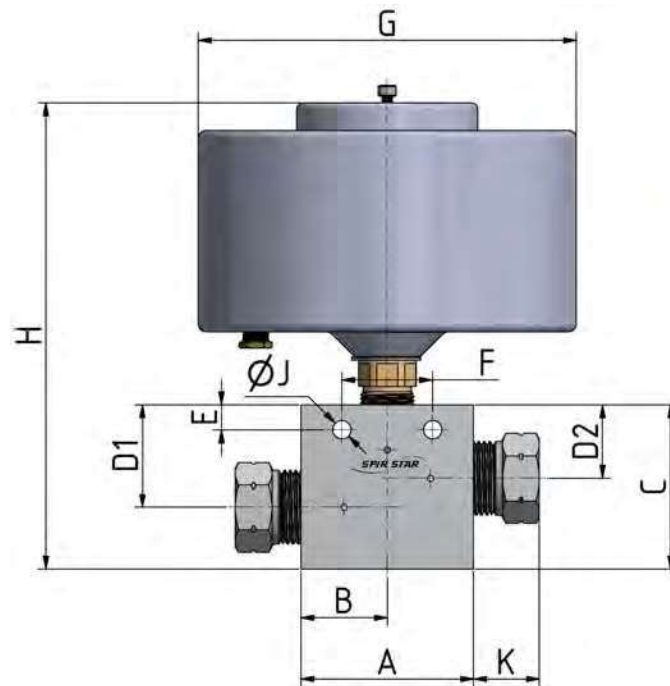
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-16-15K-QT	NF4		1/4"	6,350	0,250		
SS-NVNF6-16-15K-QT	NF6		3/8"	7,925	0,312		
SS-NVNF8-16-15K-QT	NF8		1/2"	7,925	0,312		

Part Number	Unit	Dimensions												
		A	B	C	DI	D2	E	F	G	H	I	J	K	L
SS-NVNF4-16-15K-QT	mm	50,80	25,40	83,82	-	30,23	9,65	31,50	76,20	157,23	-	6,35	-	25,40
	inch	2,00	1,00	3,30	-	1,19	0,38	1,24	3,00	6,19	-	0,25	-	1,00
SS-NVNF6-16-15K-QT	mm	63,50	31,75	114,55	-	44,45	12,70	35,05	102,00	180,09	-	8,70	-	25,40
	inch	2,50	1,25	4,51	-	1,75	0,50	1,38	4,02	7,09	-	0,34	-	1,00
SS-NVNF8-16-15K-QT	mm	63,50	31,75	117,35	-	44,45	12,70	35,05	102,00	182,88	-	8,70	-	38,10
	inch	2,50	1,25	4,62	-	1,75	0,50	1,38	4,02	7,20	-	0,34	-	1,50

Actuated 2-Way-Straight-Needle Valve



High-Pressure - Normally Open



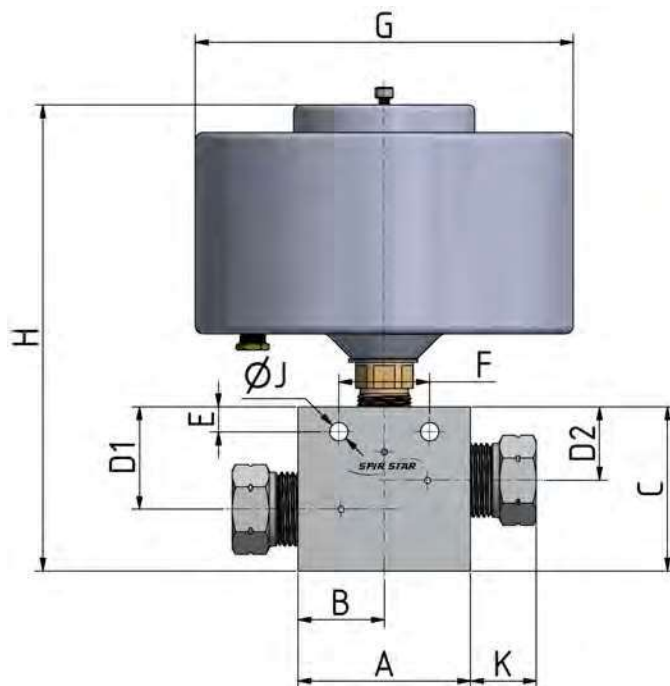
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-30K-NO5	HF4	1/4"x28UNF LH	9/16"x18UNF		-	RK-NV-30K-A	TU-HP4-60K
SS-NVHF6-30K-NO5	HF6	3/8"x24UNF LH	3/4"-16UNF		-	RK-NV-30K-A	TU-HP6-60K
SS-NVHF9-30K-NO5	HF9	9/16"x18UNF LH	1-1/8"x12UNF		-	RK-NV-30K-A	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-60K-NO5	HF4	1/4"x28UNF LH	9/16"x18UNF		-	RK-NV-60K-A	TU-HP4-60K
SS-NVHF6-60K-NO5	HF6	3/8"x24UNF LH	3/4"-16UNF		-	RK-NV-60K-A	TU-HP6-60K
SS-NVHF9-60K-NO5	HF9	9/16"x18UNF LH	1-1/8"x12UNF		-	RK-NV-60K-A	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-30K-NO5	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	-	-	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	-	-	-	0,28	0,59	1,00
SS-NVHF4-60K-NO5	mm	50,80	25,40	53,85	42,93	33,27	9,65	35,05	-	-	-	7,11	14,99	25,40
	inch	2,00	1,00	2,12	1,69	1,31	0,38	1,38	-	-	-	0,28	0,59	1,00
SS-NVHF6-30K-NO5	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	-	-	-	7,11	18,29	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	-	-	-	0,28	0,72	1,00
SS-NVHF6-60K-NO5	mm	50,80	25,40	57,15	42,93	33,27	9,65	35,05	-	-	-	7,11	18,29	25,40
	inch	2,00	1,00	2,25	1,69	1,31	0,38	1,38	-	-	-	0,28	0,72	1,00
SS-NVHF9-30K-NO5	mm	66,55	33,27	62,00	39,62	28,45	9,65	35,05	-	-	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	1,56	1,12	0,38	1,38	-	-	-	0,28	1,00	1,50
SS-NVHF9-60K-NO5	mm	66,55	33,27	63,50	44,45	33,27	9,65	35,05	-	-	-	7,11	25,40	38,10
	inch	2,62	1,31	2,50	1,75	1,31	0,38	1,38	-	-	-	0,28	1,00	1,50

Actuated 2-Way-Straight-Needle Valve



Medium-Pressure - Normally Open



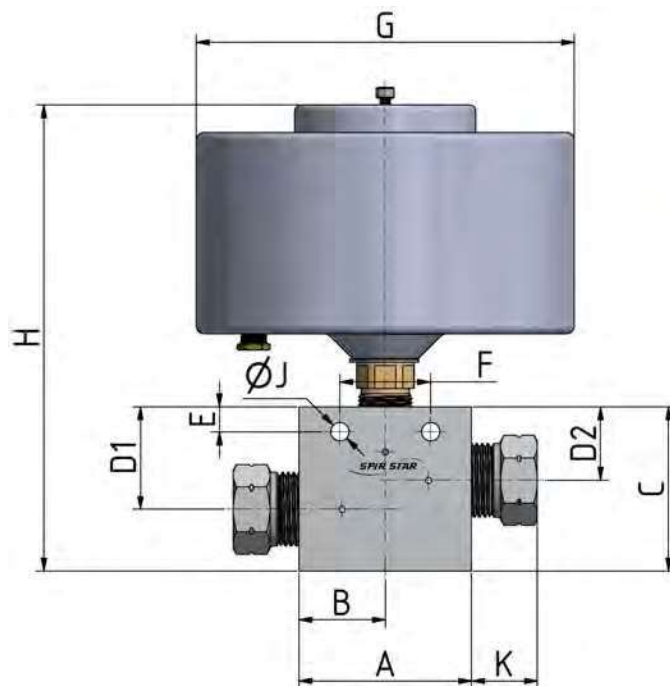
Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 690 bar / 10.000 psi							
SS-NVMF9-20K-NO5	MF9	9/16"x18UNF LH	13/16"-16UNF		-	RK-NVNF8/NF6/MF9-A	TU-MP9-20K
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-20K-NO5	MF4	1/4"x28UNF LH	7/16"-20UNF		-	RK-NVMF4/MF6/NF4-A	TU-MP4-20K
SS-NVMF6-20K-NO5	MF6	3/8"x24UNF LH	9/16"x18UNF		-	RK-NVMF4/MF6/NF4-A	TU-MP6-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-20K-NO5	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	-	-	-	6,35	9,65	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	0,38	1,00
SS-NVMF6-20K-NO5	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	-	-	-	6,35	12,19	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	0,48	1,00
SS-NVMF9-20K-NO5	mm	63,50	31,75	73,15	60,45	44,45	12,70	35,05	-	-	-	8,64	17,27	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	-	-	-	0,34	0,68	1,00

Actuated 2-Way-Straight-Needle Valve



NPT - Normally Open



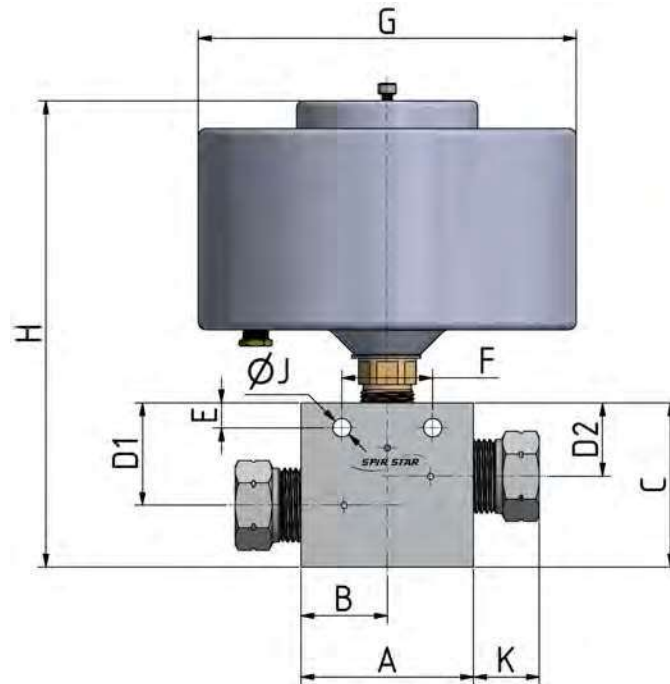
Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 690 bar / 10.000 psi							
SS-NVNF8-15K-NO5	NF8		1/2"		-	RK-NVNF8/NF6/MF9-A	
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-15K-NO5	NF4		1/4"		-	RK-NVMF4/MF6/NF4-A	
SS-NVNF6-15K-NO5	NF6		3/8"		-	RK-NVNF8/NF6/MF9-A	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-15K-NO5	mm	50,80	25,40	50,80	41,28	30,20	9,70	31,50	-	-	-	6,40	-	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	-	1,00
SS-NVNF6-15K-NO5	mm	63,50	31,80	73,20	60,40	44,50	12,70	35,00	-	-	-	8,70	-	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	-	-	-	0,34	-	1,00
SS-NVNF8-15K-NO5	mm	63,50	31,80	76,20	60,40	44,50	12,70	35,00	-	-	-	8,70	-	31,60
	inch	2,50	1,25	3,00	2,38	1,75	0,50	1,38	-	-	-	0,34	-	1,24

Actuated 2-Way-Straight-Needle Valve



High-Pressure - Normally Closed



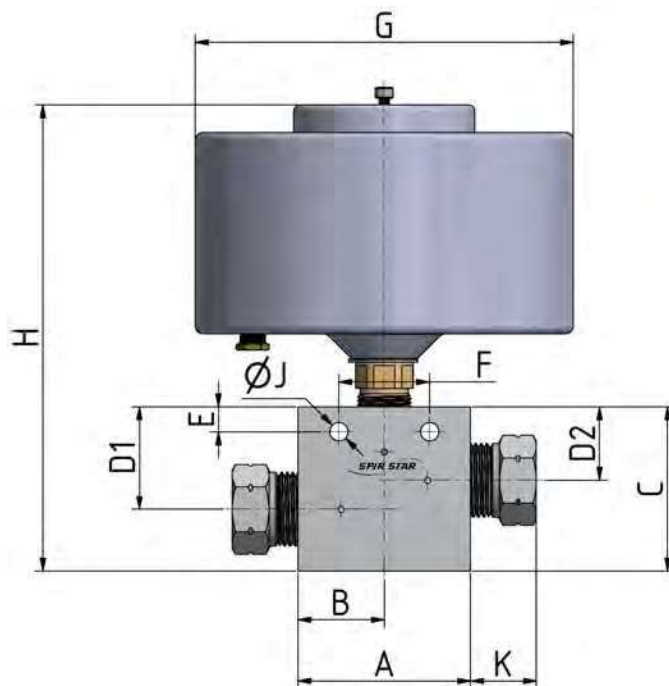
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-30K-NC5	HF4	1/4"x28UNF LH	9/16"x18UNF		-	RK-NV-30K-A	TU-HP4-60K
SS-NVHF6-30K-NC5	HF6	3/8"x24UNF LH	3/4"-16UNF		-	RK-NV-30K-A	TU-HP6-60K
SS-NVHF9-30K-NC5	HF9	9/16"x18UNF LH	1-1/8"x12UNF		-	RK-NV-30K-A	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-60K-NC5	HF4	1/4"x28UNF LH	9/16"x18UNF		-	RK-NV-60K-A	TU-HP4-60K
SS-NVHF6-60K-NC5	HF6	3/8"x24UNF LH	3/4"-16UNF		-	RK-NV-60K-A	TU-HP6-60K
SS-NVHF9-60K-NC5	HF9	9/16"x18UNF LH	1-1/8"x12UNF		-	RK-NV-60K-A	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-30K-NC5	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	-	-	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	-	-	-	0,28	0,59	1,00
SS-NVHF4-60K-NC5	mm	50,80	25,40	53,85	42,93	33,27	9,65	35,05	-	-	-	7,11	14,99	25,40
	inch	2,00	1,00	2,12	1,69	1,31	0,38	1,38	-	-	-	0,28	0,59	1,00
SS-NVHF6-30K-NC5	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	-	-	-	7,11	18,29	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	-	-	-	0,28	0,72	1,00
SS-NVHF6-60K-NC5	mm	50,80	25,40	57,15	42,93	33,27	9,65	35,05	-	-	-	7,11	18,29	25,40
	inch	2,00	1,00	2,25	1,69	1,31	0,38	1,38	-	-	-	0,28	0,72	1,00
SS-NVHF9-30K-NC5	mm	66,55	33,27	62,00	39,62	28,45	9,65	35,05	-	-	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	1,56	1,12	0,38	1,38	-	-	-	0,28	1,00	1,50
SS-NVHF9-60K-NC5	mm	66,55	33,27	63,50	44,45	33,27	9,65	35,05	-	-	-	7,11	25,40	38,10
	inch	2,62	1,31	2,50	1,75	1,31	0,38	1,38	-	-	-	0,28	1,00	1,50

Actuated 2-Way-Straight-Needle Valve



Medium-Pressure - Normally Closed



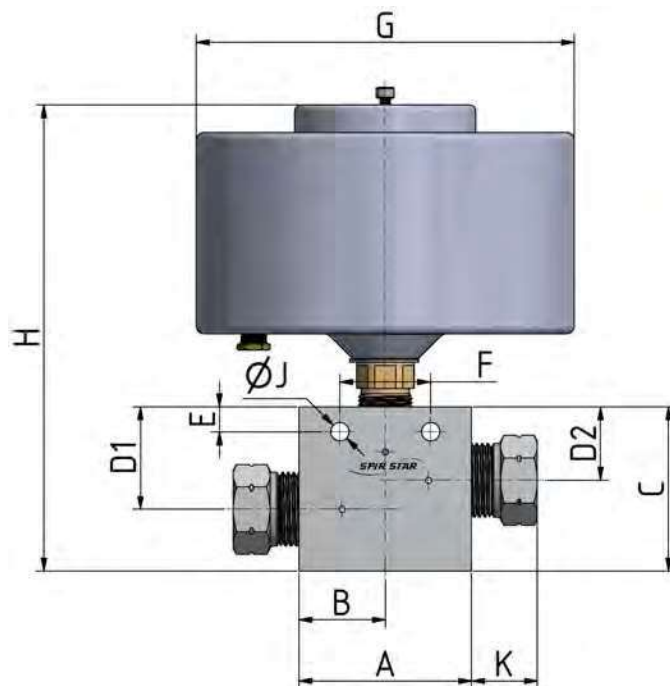
Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 690 bar / 10.000 psi							
SS-NVMF9-10K-NC5	MF9	9/16"x18UNF LH	13/16"-16UNF		-	RK-NVNF8/NF6/MF9-A	TU-MP9-20K
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-20K-NC5	MF4	1/4"x28UNF LH	7/16"-20UNF		-	RK-NVMF4/MF6/NF4-A	TU-MP4-20K
SS-NVMF6-20K-NC5	MF6	3/8"x24UNF LH	9/16"x18UNF		-	RK-NVMF4/MF6/NF4-A	TU-MP6-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-20K-NC5	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	-	-	-	6,35	9,65	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	0,38	1,00
SS-NVMF6-20K-NC5	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	-	-	-	6,35	12,19	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	0,48	1,00
SS-NVMF9-10K-NC5	mm	63,50	31,75	73,15	60,45	44,45	12,70	35,05	-	-	-	8,64	17,27	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	-	-	-	0,34	0,68	1,00

Actuated 2-Way-Straight-Needle Valve



NPT - Normally Closed



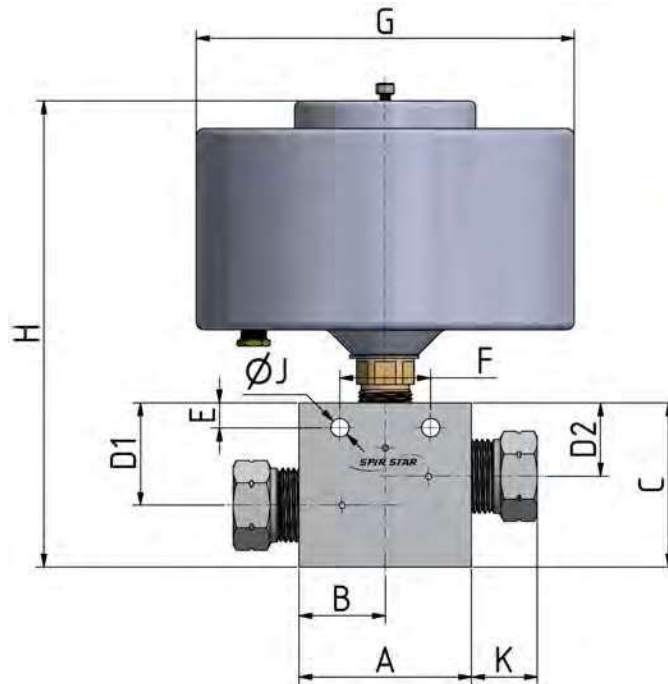
Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 690 bar / 10.000 psi							
SS-NVNF8-15K-NC5	NF8		1/2"		-	RK-NVNF8/NF6/MF9-A	
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-15K-NC5	NF4		1/4"		-	RK-NVMF4/MF6/NF4-A	
SS-NVNF6-15K-NC5	NF6		3/8"		-	RK-NVNF8/NF6/MF9-A	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-15K-NC5	mm	50,80	25,40	50,80	41,28	30,20	9,70	31,50	-	-	-	6,40	-	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	-	1,00
SS-NVNF6-15K-NC5	mm	63,50	31,80	73,20	60,40	44,50	12,70	35,00	-	-	-	8,70	-	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	-	-	-	0,34	-	1,00
SS-NVNF8-15K-NC5	mm	63,50	31,80	76,20	60,40	44,50	12,70	35,00	-	-	-	8,70	-	31,60
	inch	2,50	1,25	3,00	2,38	1,75	0,50	1,38	-	-	-	0,34	-	1,24

Actuated 2-Way-Straight-Needle Valve



High-Pressure - Double Acting



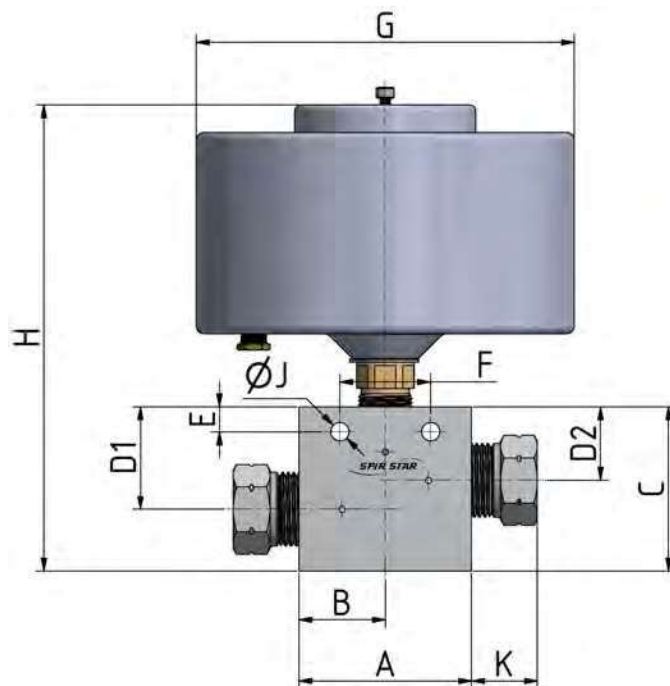
Part Number	Thread	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
	Description			mm	inch		
Working pressure 2.070 bar / 30.000 psi							
SS-NVHF4-30K-DA5	HF4	1/4"x28UNF LH	9/16"x18UNF		-	RK-NV-30K-A	TU-HP4-60K
SS-NVHF6-30K-DA5	HF6	3/8"x24UNF LH	3/4"-16UNF		-	RK-NV-30K-A	TU-HP6-60K
SS-NVHF9-30K-DA5	HF9	9/16"x18UNF LH	1-1/8"x12UNF		-	RK-NV-30K-A	TU-HP9-60K
Working pressure 4.140 bar / 60.000 psi							
SS-NVHF4-60K-DA5	HF4	1/4"x28UNF LH	9/16"x18UNF		-	RK-NV-60K-A	TU-HP4-60K
SS-NVHF6-60K-DA5	HF6	3/8"x24UNF LH	3/4"-16UNF		-	RK-NV-60K-A	TU-HP6-60K
SS-NVHF9-60K-DA5	HF9	9/16"x18UNF LH	1-1/8"x12UNF		-	RK-NV-60K-A	TU-HP9-60K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVHF4-30K-DA5	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	-	-	-	7,11	14,99	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	-	-	-	0,28	0,59	1,00
SS-NVHF4-60K-DA5	mm	50,80	25,40	53,85	42,93	33,27	9,65	35,05	-	-	-	7,11	14,99	25,40
	inch	2,00	1,00	2,12	1,69	1,31	0,38	1,38	-	-	-	0,28	0,59	1,00
SS-NVHF6-30K-DA5	mm	50,80	25,40	50,80	38,10	28,45	9,65	35,05	-	-	-	7,11	18,29	25,40
	inch	2,00	1,00	2,00	1,50	1,12	0,38	1,38	-	-	-	0,28	0,72	1,00
SS-NVHF6-60K-DA5	mm	50,80	25,40	57,15	42,93	33,27	9,65	35,05	-	-	-	7,11	18,29	25,40
	inch	2,00	1,00	2,25	1,69	1,31	0,38	1,38	-	-	-	0,28	0,72	1,00
SS-NVHF9-30K-DA5	mm	66,55	33,27	62,00	39,62	28,45	9,65	35,05	-	-	-	7,11	25,40	38,10
	inch	2,62	1,31	2,44	1,56	1,12	0,38	1,38	-	-	-	0,28	1,00	1,50
SS-NVHF9-60K-DA5	mm	66,55	33,27	63,50	44,45	33,27	9,65	35,05	-	-	-	7,11	25,40	38,10
	inch	2,62	1,31	2,50	1,75	1,31	0,38	1,38	-	-	-	0,28	1,00	1,50

Actuated 2-Way-Straight-Needle Valve

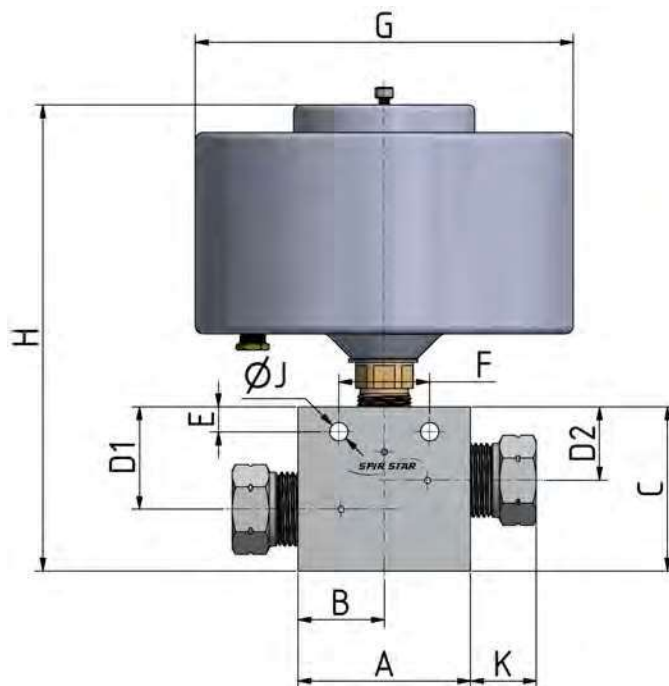


Medium-Pressure - Double Acting



Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 690 bar / 10.000 psi							
SS-NVMF9-20K-DA5	MF9	9/16"x18UNF LH	13/16"-16UNF		-	RK-NVNF8/NF6/MF9-A	TU-MP9-20K
Working pressure 1.380 bar / 20.000 psi							
SS-NVMF4-20K-DA5	MF4	1/4"x28UNF LH	7/16"-20UNF		-	RK-NVMF4/MF6/NF4-A	TU-MP4-20K
SS-NVMF6-20K-DA5	MF6	3/8"x24UNF LH	9/16"x18UNF		-	RK-NVMF4/MF6/NF4-A	TU-MP6-20K

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVMF4-20K-DA5	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	-	-	-	6,35	9,65	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	0,38	1,00
SS-NVMF6-20K-DA5	mm	50,80	25,40	50,80	41,40	30,23	9,65	31,50	-	-	-	6,35	12,19	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	0,48	1,00
SS-NVMF9-20K-DA5	mm	63,50	31,75	73,15	60,45	44,45	12,70	35,05	-	-	-	8,64	17,27	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	-	-	-	0,34	0,68	1,00



Part Number	Thread Description	Tube Thread	Screw-in Thread	Orifice		Repair Kit	Suitable Tubing
				mm	inch		
Working pressure 690 bar / 10.000 psi							
SS-NVNF8-I5K-DA5	NF8		1/2"		-	RK-NVNF8/NF6/MF9-A	
Working pressure 1.035 bar / 15.000 psi							
SS-NVNF4-I5K-DA5	NF4		1/4"		-	RK-NVMF4/MF6/NF4-A	
SS-NVNF6-I5K-DA5	NF6		3/8"		-	RK-NVNF8/NF6/MF9-A	

Part Number	Unit	Dimensions												
		A	B	C	D1	D2	E	F	G	H	I	J	K	L
SS-NVNF4-I5K-DA5	mm	50,80	25,40	50,80	41,28	30,20	9,70	31,50	-	-	-	6,40	-	25,40
	inch	2,00	1,00	2,00	1,63	1,19	0,38	1,24	-	-	-	0,25	-	1,00
SS-NVNF6-I5K-DA5	mm	63,50	31,80	73,20	60,40	44,50	12,70	35,00	-	-	-	8,70	-	25,40
	inch	2,50	1,25	2,88	2,38	1,75	0,50	1,38	-	-	-	0,34	-	1,00
SS-NVNF8-I5K-DA5	mm	63,50	31,80	76,20	60,40	44,50	12,70	35,00	-	-	-	8,70	-	31,60
	inch	2,50	1,25	3,00	2,38	1,75	0,50	1,38	-	-	-	0,34	-	1,24