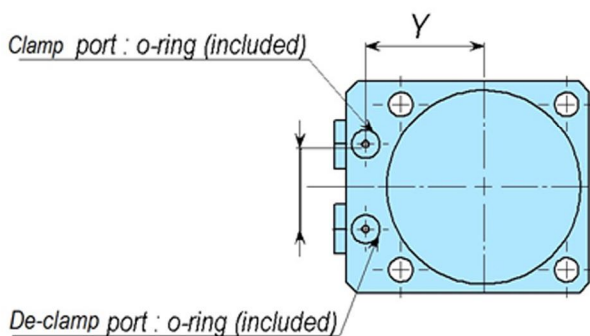
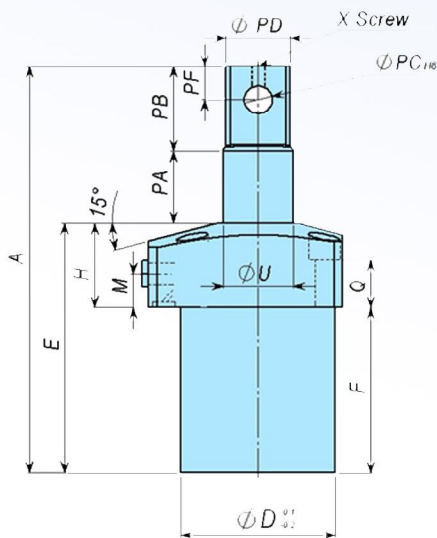
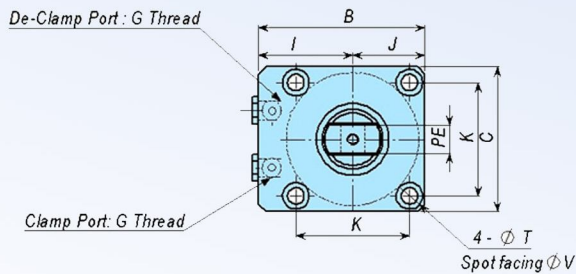




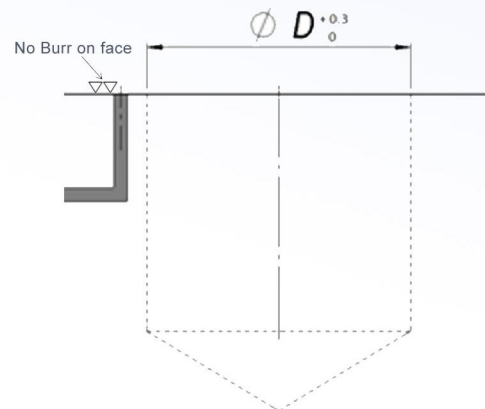
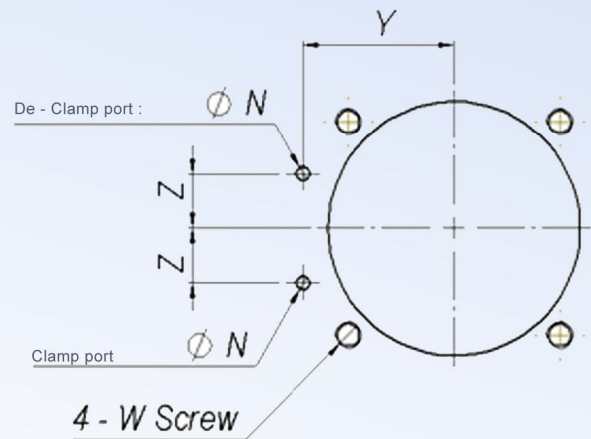
Features

- ✱ Min/max Operating pressure 10 / 70 bar
- ✱ Large clamping range
- ✱ Cylinder swing direction available clockwise (RH) and counter clockwise (LH)
- ✱ Double action range
- ✱ 360° adjustable arm location
- ✱ Arm swing will be $90^\circ \pm 1^\circ$

✱ Outline Dimension



✱ Machining Dimension



KNOW HOW TO ORDER

- 1** Top Mounting
- 2** Body Size
- 3** Type
- 4** Piping Method (M=Manifold type, P=Piping type)
- 5** Swing direction (L=Left, R=Right)
- 6** Angle for swing

HS **T** **048** **1** **MP** **LR** **90**

1 **2** **3** **4** **5** **6**

Dimension Table

Model No.	HST0361 MP LR 90	HST0401 MP LR 90	HST0481 MP LR 90	HST0551 MP LR 90	HST0651 MP LR 90	HST0751 MP LR 90	HST0901 MP LR 90	HST1051 MP LR 90
A	102	113	126.5	143.5	156	181	203	238
B	49	54	61	69	81	92	107	122
C	40	45	51	60	70	80	95	110
ØD	Ø36	Ø40	Ø48	Ø55	Ø65	Ø75	Ø90	Ø105
E	64.5	71.5	79	89	94	109	120	144
F	39.5	46.5	51	59	63	71	74	88
H	25	25	28	30	31	38	46	56
I	29	31.5	35.5	39	46	52	59.5	67
J	20	22.5	25.5	30	35	40	47.5	55
K	31.4	34	40	47	55	63	75	88
M	11	11	13	12	13	16	19	22
N	Ø3	Ø3	Ø3	Ø3	Ø5	Ø5	Ø5	Ø5
Q	16	15	17.5	17	17	21	25	32
T	Ø4.5	Ø5.5	Ø5.5	Ø6.8	Ø6.8	Ø9	Ø11	Ø14
ØU	Ø15	Ø18	Ø22	Ø25	Ø30	Ø35.5	Ø45	Ø55
V	Ø7.5	Ø9	Ø9	Ø11	Ø11	Ø14	Ø17.5	Ø20
X (Nominal x pitch)	M 3 X 0.5	M 3 X 0.5	M 4 X 0.7	M 5 X 0.8	M 6	M 6	M 8	M 8
Y	23.5	26	30	33.5	39.5	45	52.5	60
Z	16	18	22	24	30	32	37	45
PA	15.5	16.5	18.5	21.5	22	27	29	34
PB	22	25	29	33	40	45	54	60
PC	6	6	8	10	13	13	16	20
PD	13.5	16	20	23	28	33.5	43	53
PE	7	8	10	12	14	16	22	26
PF	9	11	12	12.5	16.5	19	23.5	25.5
Clamp Port / M- option	G1/8	G1/8	G1/8	G1/8	G1/4	G1/4	G3/8	G3/8
De-clamp Port P- option	G1/8	G1/8	G1/8	G1/8	G1/4	G1/4	G3/8	G3/8
O Ring	1BP5	1BP5	1BP5	1BP5	1BP7	1BP7	1BP7	1BP7
Bore	Ø26	Ø28	Ø36	Ø44	Ø50	Ø63	Ø72	Ø80

Specification Table

Model No.	HST0361 MP LR 90	HST0401 MP LR 90	HST0481 MP LR 90	HST0551 MP LR 90	HST0651 MP LR 90	HST0751 MP LR 90	HST0901 MP LR 90	HST1051 MP LR 90
CLAMPING FORCE (kN)	2.4	3.3	4.7	6.9	9	13.7	20	28
FULL STROKE	13.5	14.5	15.5	18.5	20	24	26	32
SWING STROKE (90°)	5.5	6.5	7.5	8.5	10	12	14	16
VERTICAL /LOCKING STROKE	8	8	8	10	10	12	12	16
Cyl.Volume Locking cm ³	2.6	2.36	7	13.2	25.2	42.3	102.6	151
Cyl. Volume Release cm ³	4.9	6.38	12.5	20.9	37.1	68.7	127.8	199.5
Max. opreting pressure (MPa)	7							
Min opreting pressure (MPa)	1.5							
Design pressure (Mpa)	10							
Temperatur °C	0-70							
Weight kg	0.8	1	1.3	1.8	2.7	4.2	5.5	9

Machining dimention table for mounting :

Model No.	HST0361 MP LR 90	HST0401 MP LR 90	HST0481 MP LR 90	HST0551 MP LR 90	HST0651 MP LR 90	HST0751 MP LR 90	HST0901 MP LR 90	HST1051 MP LR 90
Z	16	18	22	24	30	32	37	45
W (Nominal x pitch)	M4 X 0.7	M 5 X 0.8	M 5 X 0.8	M 6 X 1	M 6 X 1	M 8 X 1.25	M 10 X 1.5	M 12 X 1.75
N	Ø3	Ø3	Ø3	Ø3	Ø5	Ø5	Ø5	Ø5
K	31.4	34	40	47	55	63	75	88