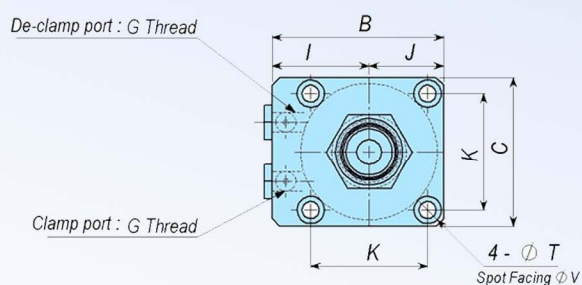


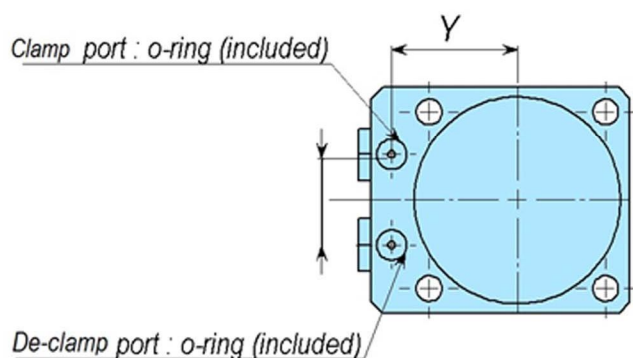
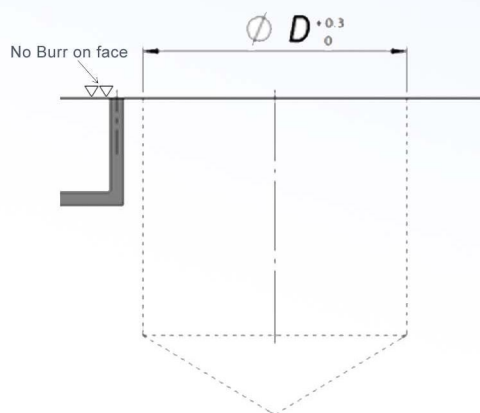
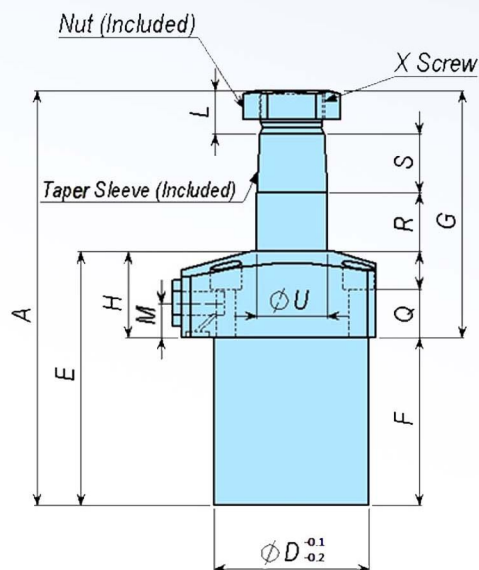
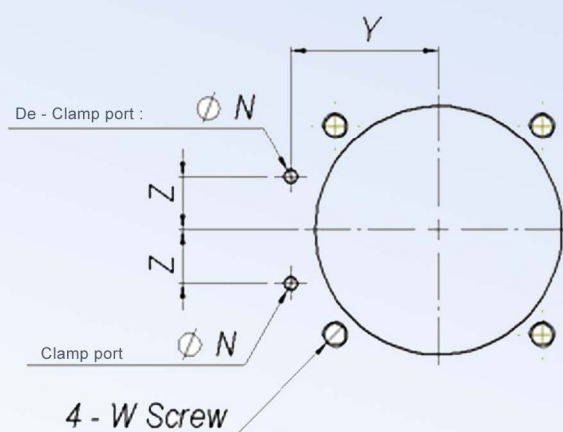


- ★ Min/max Operating pressure 10 / 70 bar
- ★ Large clamping range
- ★ Cylinder swing direction available clockwise (RH) and counter clockwise (LH)
- ★ Double action range
- ★ 360° adjustable arm location
- ★ Arm swing will be $90^{\circ} \pm 1^{\circ}$

★ 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** **0** **M** **L** **90**

1 2 3 4 5 6

Dimension Table

Model No.	HST0360 M L R 90	HST0400 M L R 90	HST0480 M L R 90	HST0550 M L R 90	HST0650 M L R 90	HST0750 M L R 90	HST0900 M L R 90	HST1050 M L R 90
A	104	115	128.5	145.5	156	181	203	240
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
G	64.5	68.5	77.5	86.5	93	110	129	152
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
L	11	12	14	15	16	16	18	19
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
R	15.5	16.5	17.5	20.5	22	26	28	34
S	13	15	18	21	24	30	37	43
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 10 X 1	M 12 X 1.5	M 16 X 1.5	M 16 X 1.5	M 20 X 1.5	M 30 X 1.5	M 36 X 1.5	M 45 X 1.5
Y	23.5	26	30	33.5	39.5	45	52.5	60
Z	16	18	22	24	30	32	37	45
Clamp Port/	M- option	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	G1/4	G1/4	G3/8	G3/8
Taper angle	6	6	6	6	6	6	11	11
O-Ring	1BP5	1BP5	1BP5	1BP5	1BP7	1BP7	1BP7	1BP7
Bore	Ø26	Ø28	Ø36	Ø44	Ø50	Ø63	Ø72	Ø80

Specification Table

Model No.	HST0360 M L R 90	HST0400 M L R 90	HST0480 M L R 90	HST0550 M L R 90	HST0650 M L R 90	HST0750 M L R 90	HST0900 M L R 90	HST1050 M L R 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. opreating pressure (MPa)	7							
Min opreating 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.	HST0360 M L R 90	HST0400 M L R 90	HST0480 M L R 90	HST0550 M L R 90	HST0650 M L R 90	HST0750 M L R 90	HST0900 M L R 90	HST1050 M L R 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