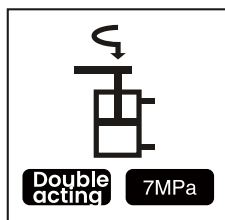


JCTU UPPER FLANGE
SWIVEL CYLINDERS

The durability is dramatically improved and high speed clamping is achieved.

ORDER INDICATION

JCTU	06	R	P	
Upper Flange Swivel Cylinders	Size : 01 02 04 06 10 16 25	Direction of rotation: L: Left turn R: Right turn	Special specification mark※1: Unmarked: Standard E: Double head rod specifications P: Top pin specification A: Pressure detector specification N□: Rotation Angle 30°、45°、60° S□: Long stroke specification(refer to P259)	Clamping arm type: Unmarked: no clamping arm T1: T1 clamping arm T2: T2 clamping arm TS: Conical sleeve (Please fit the clamping arm order together)

※1: Please refer to other materials for special specifications (models) not recorded in the product catalog.

FEATURE

Model	JCTU01	JCTU02	JCTU04	JCTU06	JCTU10	JCTU16	JCTU25
Cylinder capacity (when oil pressure is 7MPa (kN))	2.4	2.8	4.4	6.3	9.9	16.3	25.8
Clamping force※1	Oil pressure is 7MPa (kN)	2.0	2.4	3.8	5.3	8.3	13.5
	Clamping arm length (LH)(mm)	30	35	40	50	60	70
Bore (mm)	25	29	36	42	52	65	82
Main rod diameter (mm)	14	18	22.4	25	30	35.5	45
Area (clamping) (cm ²)	3.4	4.1	6.2	8.9	14.2	23.3	36.9
Rotation Angle	90 ± 3°						
Positioning pin slot position accuracy	± 1°						
Clamping repeat positioning accuracy	± 0.5°						
Total stroke (mm)	16	18	20.5	23.5	26.5	28.5	36
Rotating stroke (mm)	8	10	12.5	13.5	16.5	18.5	23
Clamping stroke (mm)	8	8	8	10	10	10	13
Maximum rotational torque※2 (N · m)	0.6	0.7	1.6	1.8	3.4	5.6	9.3
Capacity	Clamping (cm ³)	5.4	7.3	12.8	21.0	37.5	66.4
	Releasing (cm ³)	7.9	11.9	20.9	32.6	56.3	94.6
Weight (kg)	0.31	0.9	1.3	1.7	2.8	4.7	9.9

Oil pressure range: 1-7MPa Guaranteed pressure: 10.5MPa Ambient temperature: 0-70 °C
Fluid: Common mineral oil based hydraulic oil (equivalent to ISO-VG32)

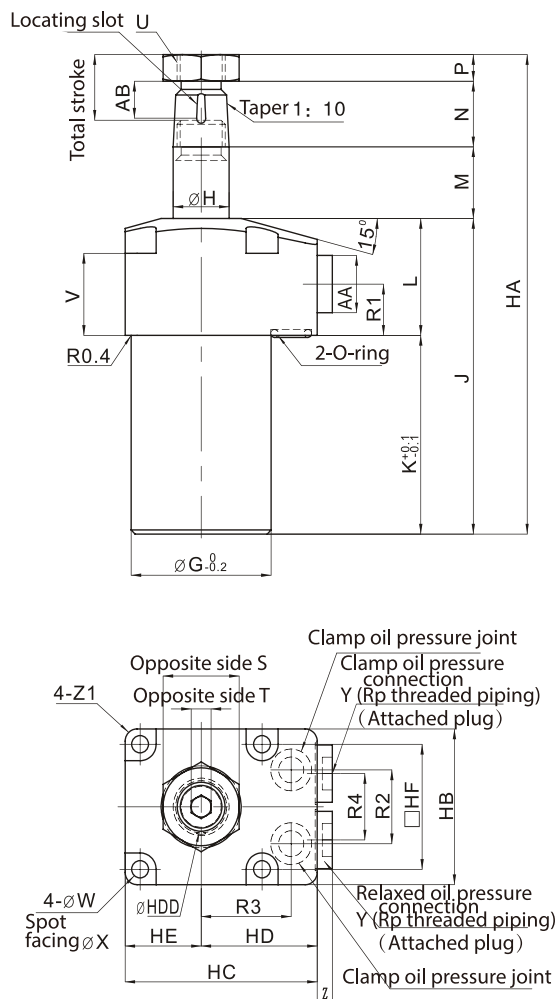
※1: Clamping force varies with clamping arm length.

※2: When horizontal installation, the limit value of the clamping arm can be raised with a pressure of 1MPa.

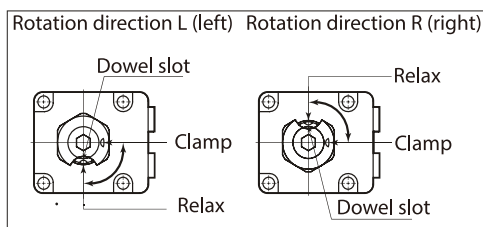
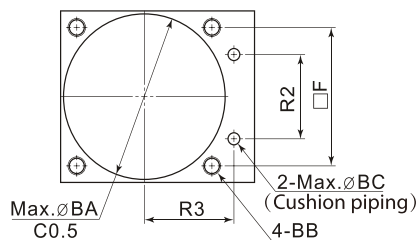
Tie-rod
Hydraulic
CylinderMold
Hydraulic
CylindersSwivel &
Clamp
Hydraulic
CylindersBooster
Cylinders
&
Unclamping
cylindersISO
Specifications
CylindersRound
Hydraulic
CylindersSpecific
Hydraulic
CylindersSystems
&
Fittings

EXTERNAL DIMENSIONS

● JCTU:Basic

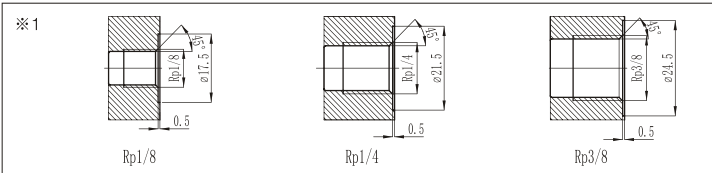


MACHINING OF MOUNTING HOLE



(mm)

Model	JCTU01-L _R	JCTU02-L _R	JCTU04-L _R	JCTU06-L _R	JCTU10-L _R	JCTU16-L _R	JCTU25-L _R
HA	117.1	131.1	148.6	158.6	178.6	201.6	244.1
HB	38	45	50	57	70	86	108
HC	48	55	60	66	82	96	120
HD	29	32.5	35	37.5	47	53	66
HE	19	22.5	25	28.5	35	43	54
HF	30.6	35.1	40.1	46.1	56.1	68.1	88.1
G	35	39	47	53	63	78	100
H	14 f7	18 f7	22.4 f7	25 f7	30 f7	35.5 f7	45 f7
J	77	83	92	99	113	124.5	148.5
K	48.5	54	61	66	77	84	97
L	28.5	29	31	33	36	40.5	51.5
M	17.5	20	22.5	25.5	28.5	30	37.5
N (Clamping arm thickness)	16	20	25	25	27	35	45
P (Nut thickness)	6.5	8	9	9	10	12	13
R1	12.5	12.5	12.5	12.5	14	14	21
R2	18	22	24	28	36	45	50
R3	22.5	25	28	30.5	36	42	57
R4	16.2	20	22	26	30	38	50
S (Nut width to side)	19	22	27	30	36	46	55
T (Hexagon socket)	5	6	6	8	8	10	14
U (Push tight torque)	M12×1.5 (12 N·m)	M14×1.5 (26 N·m)	M18×1.5 (51 N·m)	M20×1.5 (60 N·m)	M24×1.5 (86 N·m)	M30×1.5 (120 N·m)	M39×1.5 (180 N·m)
V	20	19.5	20	20	19.5	20	26
W	4.3	5.5	5.5	6.8	9	11	14
X	8	9.5	9.5	11	14	17.5	20
Y ※1	Rp 1/8	Rp 1/8	Rp 1/8	Rp 1/8	Rp 1/4	Rp 1/4	Rp 3/8
Z	3.8	3.8	3.8	3.8	4.8	4.8	4.8
Z1	R3	R3	R3	R5	R6	R7	R10
O-ring ※2	6.8×1.9	6.8×1.9	6.8×1.9	6.8×1.9	7.8×1.9	7.8×1.9	9.8×1.9
AA	14	14	14	14	19	19	22
AB	9	10.5	10.5	10.5	12.5	12.5	14.5
BA	36	40	48	54	64	79	101
BB	M4	M5	M5	M6	M8	M10	M12
BC	4	4	4	4	6	6	8
HDD	3 ^{+0.014} ₀	4 ^{+0.018} ₀	4 ^{+0.018} ₀	5 ^{+0.018} ₀	6 ^{+0.018} ₀	6 ^{+0.018} ₀	6 ^{+0.018} ₀
Locating pin	$\phi 3(h8) \times 8$	$\phi 4(h8) \times 10$	$\phi 4(h8) \times 10$	$\phi 5(h8) \times 10$	$\phi 6(h8) \times 12$	$\phi 6(h8) \times 12$	$\phi 6(h8) \times 14$

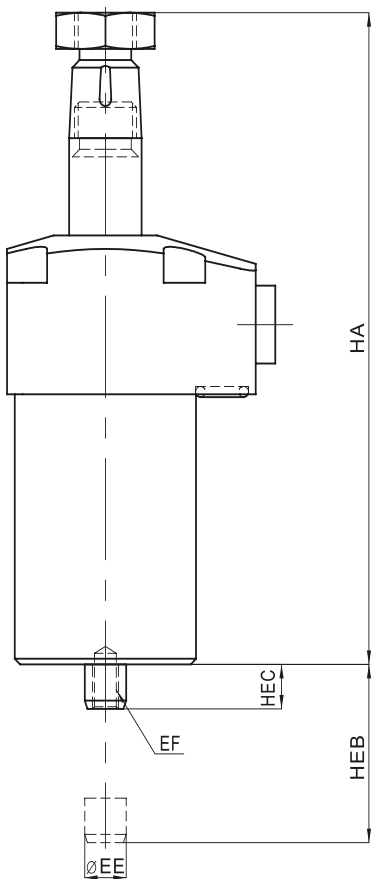


Note:

1. This figure represents a relaxed state in the rotation direction L (left turn). When clamping, the positioning pin slot faces the hydraulic interface side. Refer to the left figure for the relationship between the rotation direction and the positioning pin slot.
2. The maximum surface roughness of the mounting surface should be machined below Rz6.3.
3. Positioning pins and mounting bolts are not included.

EXTERNAL DIMENSIONS

● JCTU:E:Double head rod

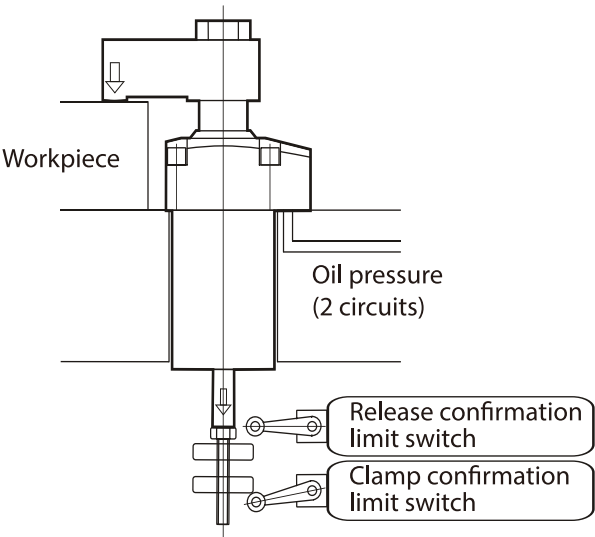


(mm)

Model	JCTU01- ^L _R E	JCTU02- ^L _R E	JCTU04- ^L _R E	JCTU06- ^L _R E	JCTU10- ^L _R E	JCTU16- ^L _R E	JCTU25- ^L _R E
Capacity (releasing)	7.0 cm ³	11.0 cm ³	19.3 cm ³	30.7 cm ³	53.3 cm ³	91.3 cm ³	182.9 cm ³
HA	117.1	131.1	148.6	158.6	178.6	201.6	244.1
HEB	24	26	28.5	31.5	34.5	36.5	44
HEC	8	8	8	8	8	8	8
EE	8	8	10	10	12	12	16
EF	M5 × 0.8 Deep 8	M5 × 0.8 Deep 8	M6 × 1 Deep 11	M6 × 1 Deep 11	M8 × 1.25 Deep 15	M8 × 1.25 Deep 15	M10 × 1.5 Deep 18
Quality	0.35 kg	0.9 kg	1.3 kg	1.7 kg	2.8 kg	4.7 kg	9.9 kg

Note1.Indicates a relaxed state in the rotation direction
L (left turn).When clamping, the positioning pin
slot faces the hydraulic interface side.

USE CASE



Tie-rod
Hydraulic
Cylinder

Mold
Hydraulic
Cylinders

Swivel &
Clamp
Hydraulic
Cylinders

Booster
Cylinders
&
Unclamping
cylinders

ISO
Specifications
Cylinders

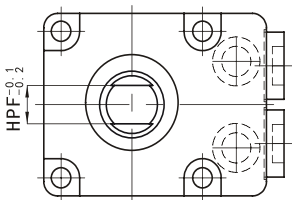
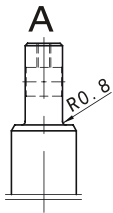
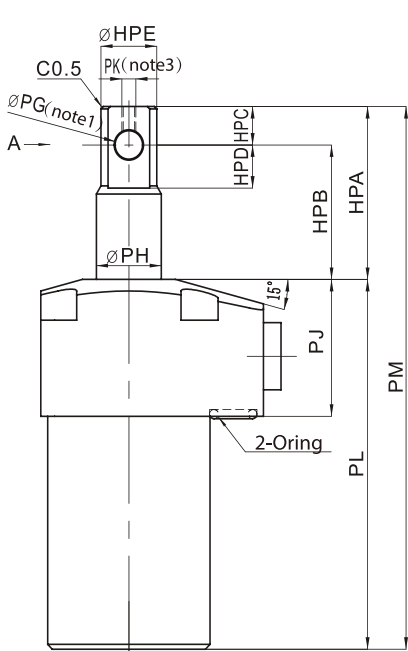
Round
Hydraulic
Cylinders

Specific
Hydraulic
Cylinders

Systems
&
Fittings

EXTERNAL DIMENSIONS

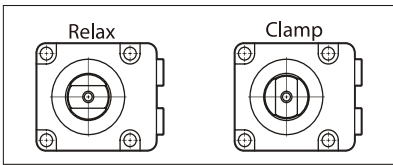
● JCTU:P:End pin



(mm)

Model	JCTU01- $\frac{1}{4}$ P	JCTU02- $\frac{1}{4}$ P	JCTU04- $\frac{1}{4}$ P	JCTU06- $\frac{1}{4}$ P	JCTU10- $\frac{1}{4}$ P	JCTU16- $\frac{1}{4}$ E	JCTU25- $\frac{1}{4}$ P
HPA	36	38.5	45	52	59	70.5	88
HPB	28	30.5	35	40	45	51.5	64
HPC	8	8	10	12	14	19	24
HPD	9	9	11	13	15	20	25
HPE	12	16	20.4	23	28	33.5	43
HPF	8	8	10	12	16	18	22
PG	6 $^{+0.018}_{0}$	6 $^{+0.018}_{0}$	8 $^{+0.022}_{0}$	10 $^{+0.022}_{0}$	12 $^{+0.027}_{0}$	16 $^{+0.027}_{0}$	20 $^{+0.033}_{0}$
PH	14 f7	18 f7	22.4 f7	25 f7	30 f7	35.5 f7	45 f7
PJ	28.5	29	31	33	36	40.5	51.5
PK	M3×0.5	M3×0.5	M4×0.7	M5×0.8	M6×1	M6×1	M8×1.25
PL	77	83	92	99	113	124.5	148.5
PM	113.1	121.6	137.1	151.1	172.1	195.1	236.6
Quality	0.30 kg	0.9 kg	1.3 kg	1.8 kg	3.0 kg	4.9 kg	9.5 kg

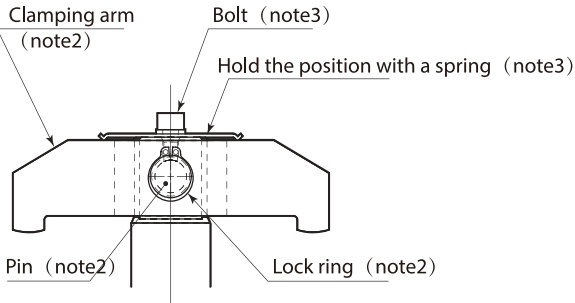
Note1.Indicates a relaxed state. When clamping, the positioning pin holes face the oil pressure interface side.



2. No clamping arm, pin, locking ring. Please bring your own.

3. If you need to maintain the position of the clamping arm, please use the rod end spiral hole.
No bolts and holding springs are included.

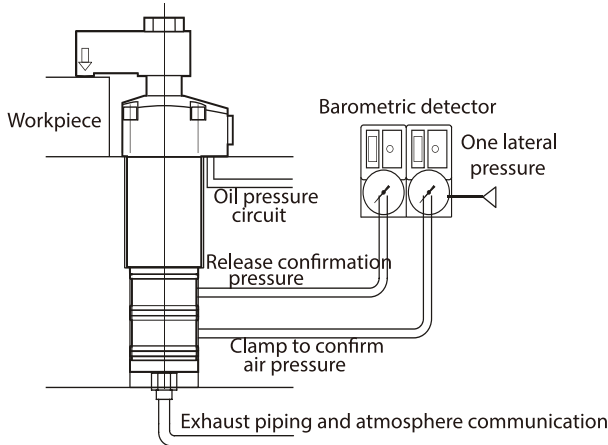
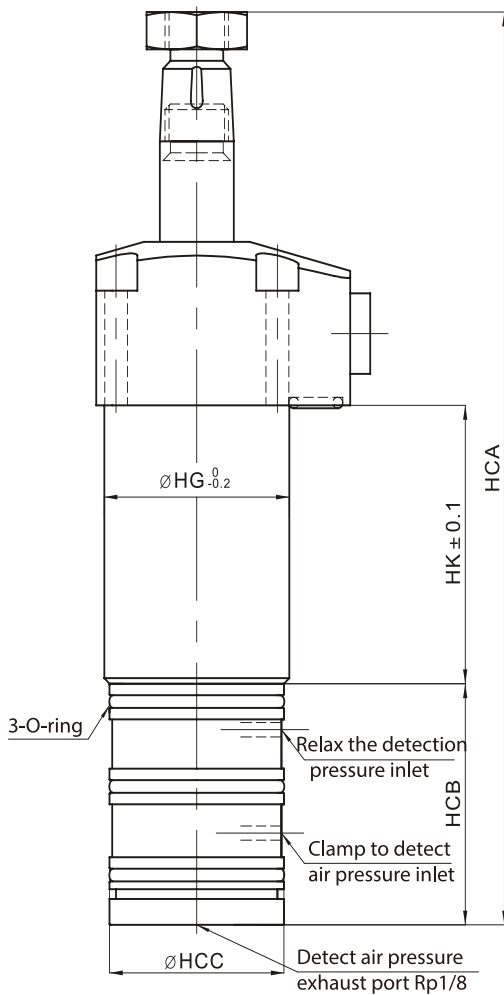
USE CASE



EXTERNAL DIMENSIONS

● JCTU:A:Pressure detector

USE CASE



- Denotes a relaxed state in the rotation direction L (counterclockwise). When clamping, the positioning pin slot faces the hydraulic interface side.
- Please connect the exhaust port to the atmosphere. When the detector part is embedded in the fixture, process the exhaust pipe interface. In addition, when cutting oil, chips, etc. are likely to enter, please carry out piping. G threaded fittings, please use SMC quick fittings. (Please check the manufacturer's catalog for details.)
- For specifications and dimensions other than those in this drawing, please refer to Specifications, Dimensions (JUTC: Standard).

FEATURE

Model	JCTU01-□A	JCTU02-□A	JCTU04-□A	JCTU06-□A	JCTU10-□A	JCTU16-□A	JCTU25-□A
Capacity (releasing)	7.0 cm ³	11.0 cm ³	19.3 cm ³	30.7 cm ³	53.3 cm ³	91.3 cm ³	182.9 cm ³
HCA	159	175	197.5	210.5	233.5	258.5	311.5
HCB	42	44	49	52	55	57	67.5
HCC	33 ^{-0.025 -0.050}	38 ^{-0.025 -0.050}	42 ^{-0.025 -0.050}	42 ^{-0.025 -0.050}	45 ^{-0.025 -0.050}	45 ^{-0.030 -0.050}	52 ^{-0.030 -0.060}
HG	35	39	47	53	63	78	100
HK	48.5	54	61	66	77	84	97
O-ring (Fluorine rubber hardness Hs70)	29.87×1.78	34.65×1.78	37.82×1.78	37.82×1.78	41×1.78	41×1.78	47.35×1.78
Weight	0.8kg	1.0kg	1.6kg	2.0kg	3.2kg	5.2kg	10.1kg

Tie-rod Hydraulic Cylinder

Mold Hydraulic Cylinders

Swivel & Clamp Hydraulic Cylinders

Booster Cylinders & Unclamping cylinders

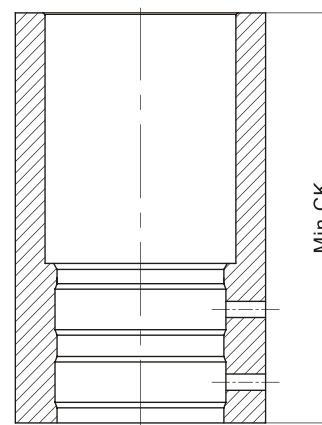
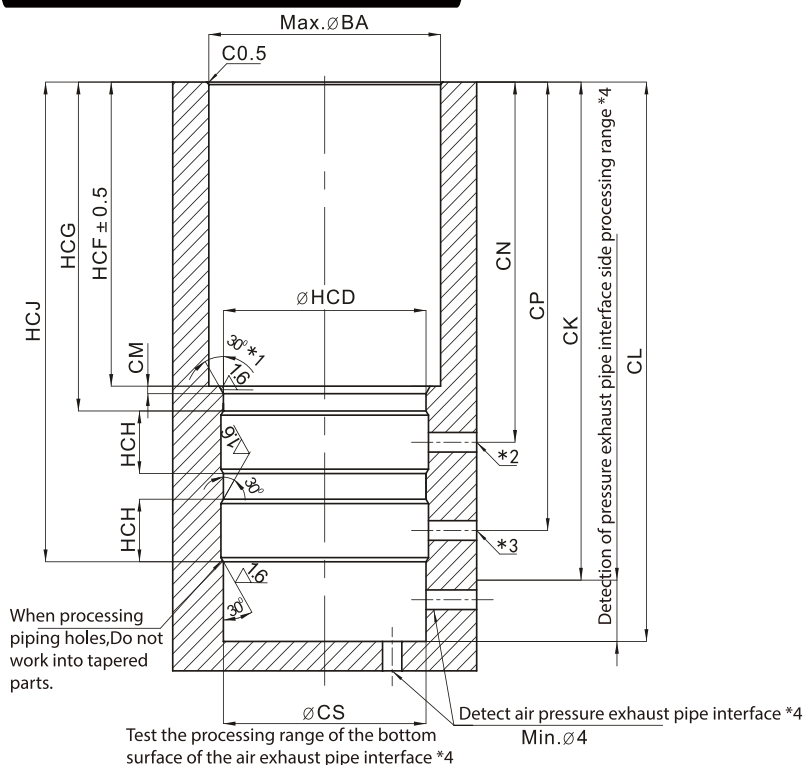
ISO Specifications Cylinders

Round Hydraulic Cylinders

Specific Hydraulic Cylinders

Systems & Fittings

MACHINING OF MOUNTING HOLE



- Through-hole installation

- Blind hole installation

- ※1:Only JCTU01-□ A and JCTU02-□ A are 15°
- ※2:Only detect air pressure piping interfaces (relax)Ø4~Ø6、JCTU01-□Type A is Ø4~Ø5
- ※3:Only detect air pressure piping interfaces (clamp)Ø4~ Ø6、 JCTU01-□Type A is Ø4~Ø 5
- ※4:The air pressure exhaust pipe interface should be arranged on the side or bottom surface.

- When installing, apply appropriate grease to the mounting holes and chamfer. If too much grease is applied, it may block the pipe holes and lead to false detection.
- In order to prevent damage to the O-ring, it is necessary to implement a 30° cone Angle machining. In addition, do not process the tapered part of the mounting hole for reasons such as bit shaking during the processing of the air pressure piping hole. It could damage the O ring.

Model	JCTU01—□A	JCTU02—□A	JCTU04—□A	JCTU06—□A	JCTU10—□A	JCTU16—□A	JCTU25—□A
øHCD	33 ^{+0.039} ₀	38 ^{+0.039} ₀	42 ^{+0.039} ₀	42 ^{+0.039} ₀	45 ^{+0.039} ₀	45 ^{+0.039} ₀	52 ^{+0.046} ₀
øHCE	33.6	38.6	42.6	42.6	45.6	45.6	52.6
HCF	49.5	55	62	67	78	85	98
HCG	56 ^{+0.5} ₀	61.5 ^{+0.5} ₀	68.5 ⁺¹ ₀	73.5 ⁺¹ ₀	84.5 ⁺¹ ₀	91.5 ⁺¹ ₀	104.5 ⁺¹ ₀
HCH	8	8.5	10	10	10	10	10
HCJ	77 ⁰ _{-0.5}	84.5 ⁰ _{-0.5}	95.5 ⁰ ₋₁	101 ⁰ ₋₁	116.5 ⁰ ₋₁	123.5 ⁰ ₋₁	144.5 ⁰ ₋₁
CK	84	91.5	101.5	106.5	123.5	130.5	156
CL	94.5	102	114	122	136	145	168.5
CM	1	1	1.5	1.5	1.5	1.5	1.5
CN	60	66	73.5	78.5	89.5	96.5	109.5
CP	73	80	90.5	96	111.5	118.5	139.5
øCS	33	38	42	42	45	45	52
øBA	36	40	48	54	64	79	101

FEATURE

● JCTU:N□:Rotation Angle:30°、45°、60°

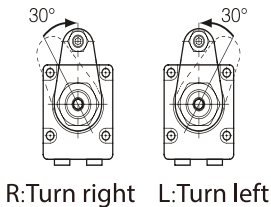
(mm)

Model		JCTU01- ^{N30} _{L-R} ^{N45} _{N60}			JCTU02- ^{N30} _{L-R} ^{N45} _{N60}			JCTU04- ^{N30} _{L-R} ^{N45} _{N60}			JCTU06- ^{N30} _{L-R} ^{N45} _{N60}		
Rotation Angle		30°±3°	45°±3°	60°±3°	30°±3°	45°±3°	60°±3°	30°±3°	45°±3°	60°±3°	30°±3°	45°±3°	60°±3°
Total run (mm)		11.8	12.7	13.7	13.0	14.3	15.5	14.3	15.8	17.4	16.8	18.4	20.1
Rotating stroke (mm)		3.8	4.7	5.7	5.0	6.3	7.5	6.3	7.8	9.4	6.8	8.4	10.1
Clamping stroke (mm)		8			8			8			10		
Capacity	Clamping (cm³)	4.0	4.3	4.6	5.3	5.8	6.3	8.9	9.9	10.8	15.0	16.5	18.0
	Releasing (cm³)	5.8	6.2	6.7	8.6	9.4	10.2	14.5	16.1	17.7	23.3	25.5	27.9

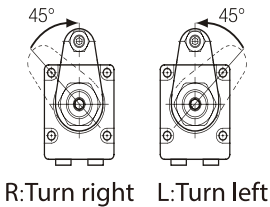
Model		JCTU10- ^{N30} _{L-R} ^{N45} _{N60}			JCTU16- ^{N30} _{L-R} ^{N45} _{N60}			JCTU25- ^{N30} _{L-R} ^{N45} _{N60}		
Rotation Angle		30°±3°	45°±3°	60°±3°	30°±3°	45°±3°	60°±3°	30°±3°	45°±3°	60°±3°
Total run (mm)		18.3	20.3	22.4	19.3	21.6	23.9	24.5	27.4	30.3
Rotating stroke (mm)		8.3	10.3	12.4	9.3	11.6	13.9	11.5	14.4	17.3
Clamping stroke (mm)		10			10			13		
Capacity	Clamping (cm³)	25.9	28.8	31.7	44.8	50.2	55.6	90.4	101.0	111.6
	Releasing (cm³)	38.8	43.1	47.5	63.9	71.5	79.2	129.4	144.6	159.8

ROTATION ANGLE (CLAMPING)

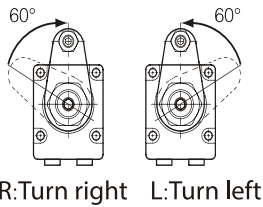
JCTU□-^L_RN30
Rotation Angle 30°



JCTU□-^L_RN45
Rotation Angle 45°

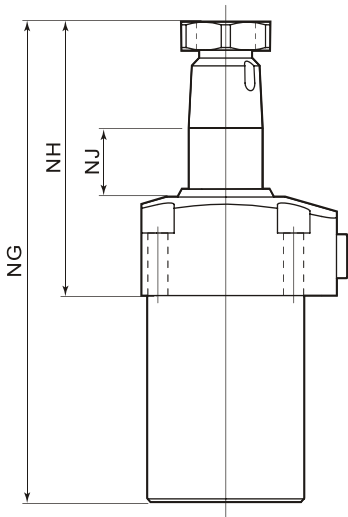


JCTU□-^L_RN60
Rotation Angle 60°

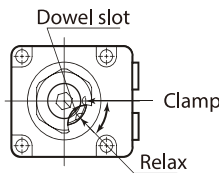


EXTERNAL DIMENSIONS

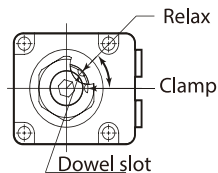
JCTU 01
02
04
06 - L N30
10 - R N45
16 N60
25



Rotation direction L (left)



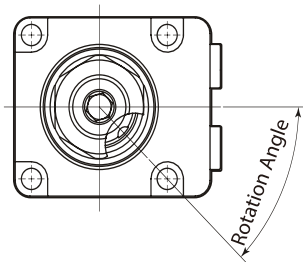
Rotation direction R (right turn)



Note1. Indicates a relaxed state in the rotation direction L (left turn).

When clamping, the positioning pin slot faces the hydraulic interface side.

Refer to the figure above for the position of the dowel slot when relaxed.



(mm)

Model	JCTU01-L N30 R N45 N60			JCTU02-L N30 R N45 N60			JCTU04-L N30 R N45 N60			JCTU06-L N30 R N45 N60		
Rotation Angle	30° ± 3°	45° ± 3°	60° ± 3°	30° ± 3°	45° ± 3°	60° ± 3°	30° ± 3°	45° ± 3°	60° ± 3°	30° ± 3°	45° ± 3°	60° ± 3°
NG	112.9	113.8	114.8	126.1	127.4	128.6	142.4	143.9	145.5	151.9	153.5	155.2
NH	64.3	65.2	66.2	72.0	73.3	74.5	81.3	82.8	84.4	85.8	87.4	89.1
NJ	13.3	14.2	15.2	15.0	16.3	17.5	16.3	17.8	19.4	18.8	20.4	22.1

(mm)

Model	JCTU10-L N30 R N45 N60			JCTU16-L N30 R N45 N60			JCTU25-L N30 R N45 N60		
Rotation Angle	30° ± 3°	45° ± 3°	60° ± 3°	30° ± 3°	45° ± 3°	60° ± 3°	30° ± 3°	45° ± 3°	60° ± 3°
NG	170.4	172.4	174.5	192.4	194.7	197	232.6	235.5	238.4
NH	93.3	95.3	97.4	108.3	110.6	112.9	135.5	138.4	141.3
NJ	20.3	22.3	24.4	20.8	23.1	25.4	26.0	28.9	31.8

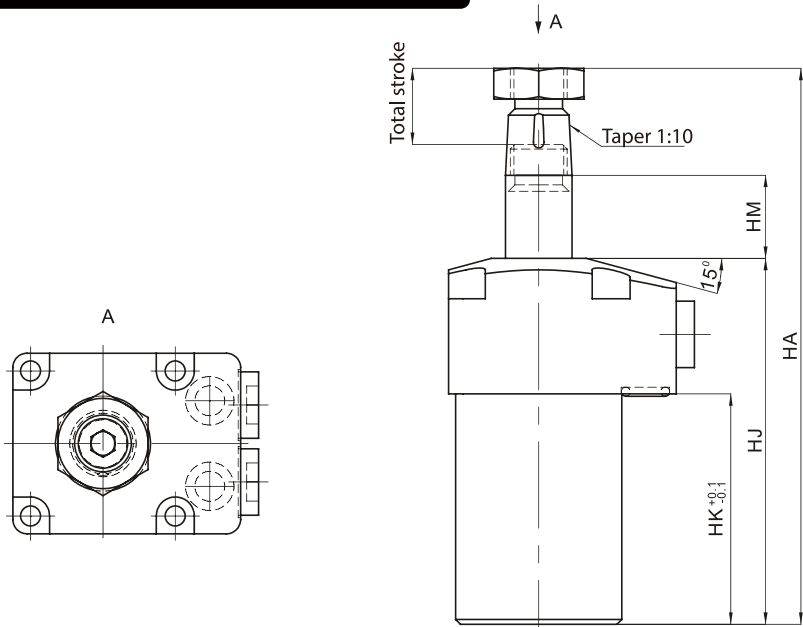
● JCTU:S□:Long run

Model	Size	Direction of rotation (clamping)	Clamping run
JCTU	01	L: Turn left	(S16):Clamping run16mm
	02		
	04		
	06	R: Turn right	(S20):Clamping run20mm
	10		
	16		
	25		(S30):Clamping run30mm

FEATURE

Model	JCTU01-L-RS16	JCTU02-L-RS16	JCTU04-L-RS16	JCTU06-L-RS20	JCTU10-L-RS20	JCTU16-L-RS20	JCTU25-L-RS30
Total run (mm)	24	26	28.5	33.5	36.5	38.5	53
Clamping stroke (mm)	16	16	16	20	20	20	30
Capacity	Clamping (cm³)	8.1	10.6	17.8	30.0	51.7	195.6
	Releasing (cm³)	11.8	17.2	29.0	46.4	77.5	279.9
Weight (kg)	0.35	1.1	1.6	2.1	3.4	5.5	11.7

EXTERNAL DIMENSIONS



(mm)

Model	JCTU01-L-RS16	JCTU02-L-RS16	JCTU04-L-RS16	JCTU06-L-RS20	JCTU10-L-RS20	JCTU16-L-RS20	JCTU25-L-RS30
HA	141.1	155.1	172.6	188.6	208.6	231.6	295.1
HJ	93	99	108	119	133	144.5	182.5
HK	64.5	70	77	86	97	104	131
HM	25.5	28	30.5	35.5	38.5	40	54.5

Tie-rod
Hydraulic
Cylinder

Mold
Hydraulic
Cylinders

Swivel &
Clamp
Hydraulic
Cylinders

Booster
Cylinders
&
Unclamping
cylinders

ISO
Specifications
Cylinders

Round
Hydraulic
Cylinders

Specific
Hydraulic
Cylinders

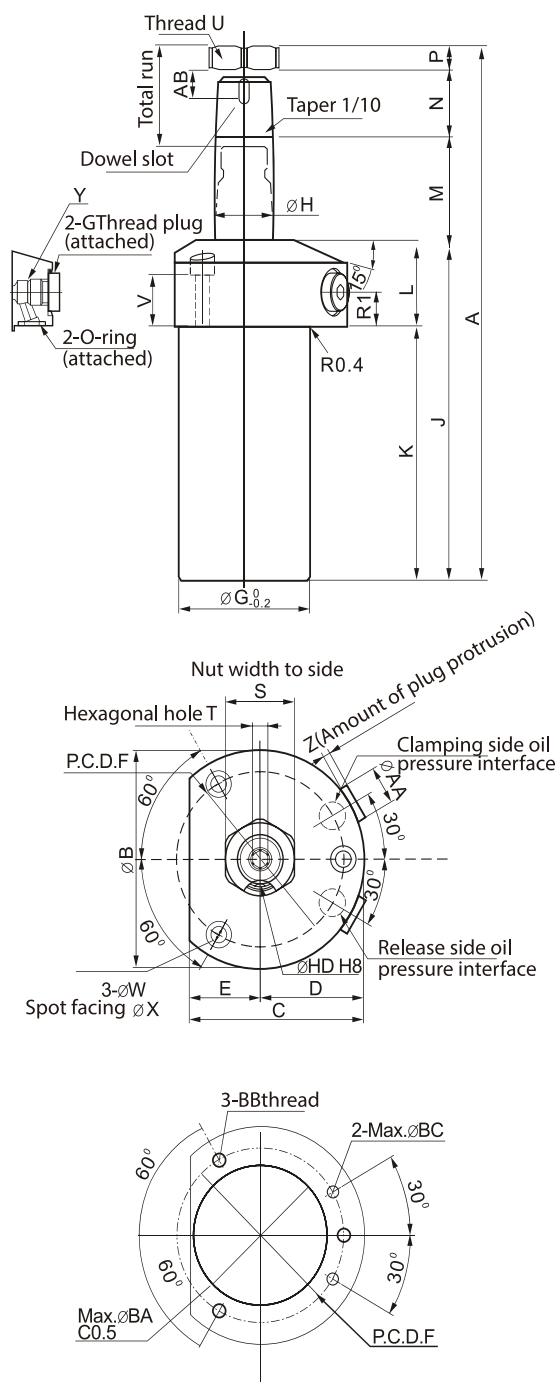
Systems
&
Fittings

● JCTU:S□:Long run

Model	Size	Direction of rotation (clamping)	Clamping run
JCTU	04	L: Turn left	(S25):Clamping run25mm
	06		(S30):Clamping run30mm
	10	R: Turn right	(S30):Clamping run30mm (S50):Clamping run50mm
	16		(S30):Clamping run30mm (S50):Clamping run50mm

EXTERNAL DIMENSIONS

(mm)

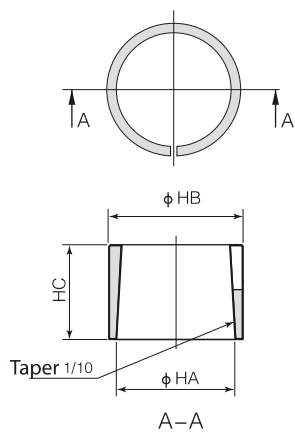


Model	JCTU04- $\frac{1}{2}$ S25	JCTU06- $\frac{1}{2}$ S30	JCTU10- $\frac{1}{2}$ S30	JCTU10- $\frac{1}{2}$ S50	JCTU16- $\frac{1}{2}$ S30	JCTU16- $\frac{1}{2}$ S50
Total run	37.5	43.5	46.5	66.5	48.5	68.5
Clamping stroke	25	30	30	50	30	50
Capacity	※1 23.4CM ³ ※2 38.2CM ³	38.9CM ³ 60.3CM ³	65.9CM ³ 98.8CM ³	94.2CM ³ 141.2CM ³	112.9CM ³ 160.9CM ³	159.5CM ³ 227.3CM ³
Weight	2.3kg	3.1kg	5.0kg	6.0kg	7.5kg	8.7kg
A	199.6	218.6	238.6	298.6	261.6	321.6
B	81	89	112	112	125	125
C	67.5	75	92.5	92.5	105.5	105.5
D	40.5	44.5	56	56	62.5	62.5
E	27	30.5	36.5	36.5	43	43
F	65±0.1	73±0.1	88±0.1	88±0.1	101±0.1	101±0.1
G	51	58	70	70	83	83
H	22.4f7	25f7	30f7	30f7	35.5f7	35.5f7
J	126	139	153	193	164.5	204.5
K	95	106	117	157	124	164
L	31	33	36	36	40.5	40.5
M	39.5	45.5	48.5	68.5	50	70
N (Clamping arm thickness)	25	25	27	27	35	35
P (Nut thickness)	9	9	10	10	12	12
R1	12.5	12.5	14	14	14	14
S (Nut width to side)	27	30	36	36	46	46
T (Hexagon socket)	6	8	8	8	10	10
U (Recommended tightening torque)	M18X1.5 (51N.m)	M20X1.5 (60N.m)	M24X1.5 (86N.m)	M24X1.5 (86N.m)	M30X1.5 (120N.m)	M30X1.5 (120N.m)
V	19	19.5	19	19	20	20
W	5.5	6.8	9	9	11	11
X	9.5	11	14	14	17.5	17.5
Y	Rp1/8	Rp1/8	Rp1/4	Rp1/4	Rp1/4	Rp1/4
Z	2.8	2.8	3.8	3.8	3.8	3.8
O-ring※3	6.8×1.9	6.8×1.9	7.8×1.9	7.8×1.9	7.8×1.9	7.8×1.9
AA	14	14	19	19	19	19
AB	10.5	10.5	12.5	12.5	12.5	12.5
BA	52	59	71	71	84	84
BB	M5	M6	M8	M8	M10	M10
BC	4	4	6	6	6	6
HD	4 ^{+0.018} ₀	5 ^{+0.018} ₀	6 ^{+0.018} ₀	6 ^{+0.018} ₀	6 ^{+0.018} ₀	6 ^{+0.018} ₀
Locating pin	Ø4(h8)X10	Ø5(h8)X10	Ø6(h8)X12	Ø6(h8)X12	Ø6(h8)X12	Ø6(h8)X12

※1:Clamping

※2:Releasing

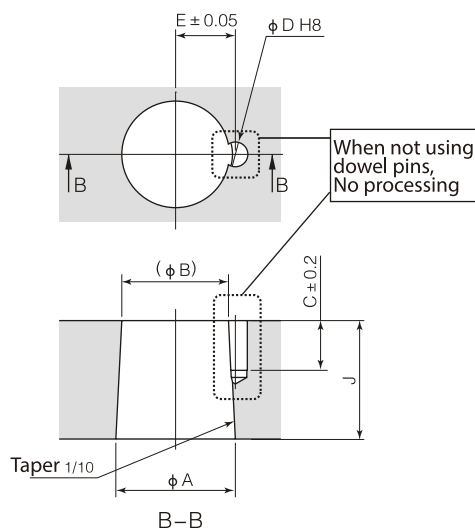
● JCTU:TS:Conical sleeve



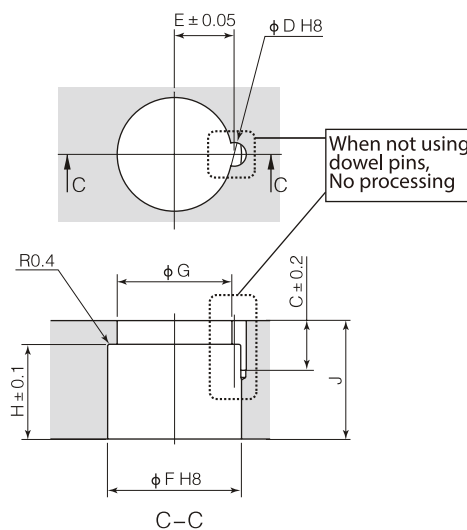
Model	JCTU01	JCTU02	JCTU04	JCTU06	JCTU10	JCTU16	JCTU25
HA	14	18	22.4	25	30	35.5	45
HB	16	20	25	28	34	40	49
HC	13	16	21	20	22	29	38

MACHINING OF CLAMPING ARM

When not using a tapered sleeve



When using a tapered sleeve



Applicable model	JCTU01	JCTU02	JCTU04	JCTU06	JCTU10	JCTU16	JCTU25
A	14 ^{+0.016} _{-0.034}	18 ^{+0.016} _{-0.034}	22.4 ^{+0.020} _{-0.041}	25 ^{+0.020} _{-0.041}	30 ^{+0.020} _{-0.041}	35.5 ^{+0.025} _{-0.050}	45 ^{+0.025} _{-0.050}
B	12.4	16	19.9	22.5	27.3	32	40.5
C	9	10.5	10.5	10.5	12.5	12.5	14.5
D	3 ^{+0.018} ₀	4 ^{+0.018} ₀	4 ^{+0.018} ₀	5 ^{+0.018} ₀	6 ^{+0.018} ₀	6 ^{+0.018} ₀	6 ^{+0.018} ₀
E	7.55	9.1	11.1	12.6	15.1	18.1	22.6
F	16 ^{+0.033} ₀	20 ^{+0.033} ₀	25 ^{+0.033} ₀	28 ^{+0.033} ₀	34 ^{+0.039} ₀	40 ^{+0.039} ₀	49 ^{+0.039} ₀
G	13	17	21	24	28.5	34	42
H	13	16	21	20	22	29	38
J	16	20	25	25	27	35	45
Locating pin	$\phi 3(h8) \times 10$	$\phi 4(h8) \times 10$	$\phi 4(h8) \times 10$	$\phi 5(h8) \times 10$	$\phi 6(h8) \times 12$	$\phi 6(h8) \times 12$	$\phi 6(h8) \times 14$

Tie-rod
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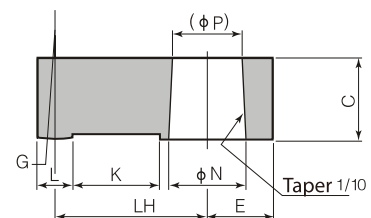
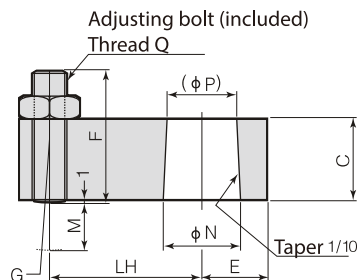
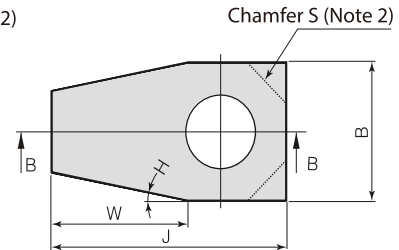
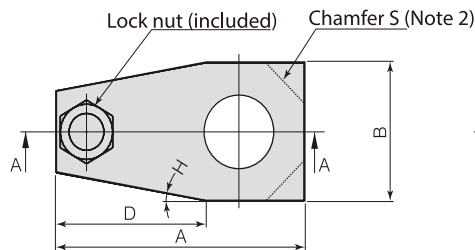
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● JCTU:Clamping arm

T1 CLAMPING ARM

T2 CLAMPING ARM



A-A

B-B

(mm)

Applicable model Clamp size	JCTU02	JCTU04	JCTU06	JCTU10	JCTU16	JCTU25
A	55	65	80	96	114	153
B	28	34	40	52	60	80
C	20	25	25	27	35	45
D	34	43	50	60	69	80
E	14	17	20	25	30	45
F	33	38	38	48	57	77
G	R20	R30	R30	R40	R50	R75
H	10°	10°	10°	10°	10°	20°
J	52	61	75	91	108	145
K	20	20	25	30	40	45
L	6	8	10	12	16	20
LH	35	40	50	60	70	90
M(Regulating quantity)	12	12	12	20	21	31
N	18 ^{-0.016 -0.034}	22.4 ^{-0.020 -0.041}	25 ^{-0.020 -0.041}	30 ^{-0.020 -0.041}	35.5 ^{-0.025 -0.050}	45 ^{-0.025 -0.050}
P	16	19.9	22.5	27.3	32	40.5
Q	M6 × 1	M8 × 1.25	M10 × 1.5	M12 × 1.75	M16 × 2	
S(Chamfer)	—	—	—	—	16	25
W	31	39	45	55	63	72
Weight	T1	0.2 kg	0.3 kg	0.5 kg	0.8 kg	1.4 kg
	T2	0.2 kg	0.3 kg	0.4 kg	0.7 kg	1.2 kg
Moment of inertia	T1	$9.1 \times 10^{-5} \text{ kg} \cdot \text{m}^2$	$2.2 \times 10^{-4} \text{ kg} \cdot \text{m}^2$	$5.2 \times 10^{-4} \text{ kg} \cdot \text{m}^2$	$1.3 \times 10^{-3} \text{ kg} \cdot \text{m}^2$	$3.0 \times 10^{-3} \text{ kg} \cdot \text{m}^2$
	T2	$6.9 \times 10^{-5} \text{ kg} \cdot \text{m}^2$	$1.6 \times 10^{-4} \text{ kg} \cdot \text{m}^2$	$4.0 \times 10^{-4} \text{ kg} \cdot \text{m}^2$	$9.6 \times 10^{-4} \text{ kg} \cdot \text{m}^2$	$2.3 \times 10^{-3} \text{ kg} \cdot \text{m}^2$

Note1. When making the clamping arm, consider the strength of the clamping arm.

(Depending on the length of the clamping arm and the oil pressure used, if the same section size is used as the T1 and T2 types, sometimes the strength will be insufficient.)

2. Only JCTU16-T1, JCTU25-T1, JCTU16-T2, JCTU25-T2 are chamfered.

3. No locating pin holes are set.