

Quick arm change

for swing clamp



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Toolless Quick arm change

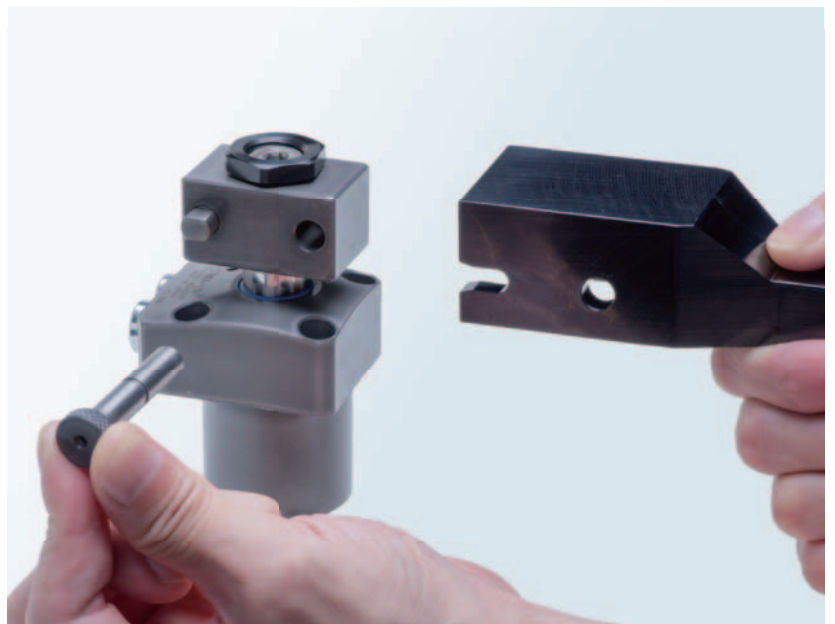


Quick arm change

Clamp arm is replaceable quickly.

Toolless

No specific tools are required to replace, simply place the arm and put the pin in.



Applicable clamp model for the arm

7MPa Swing clamp

4MPa Swing clamp Dual cylinder

7MPa Swing clamp

7MPa Swing clamp

model **CTM**

model **CTP**

model **CTU**

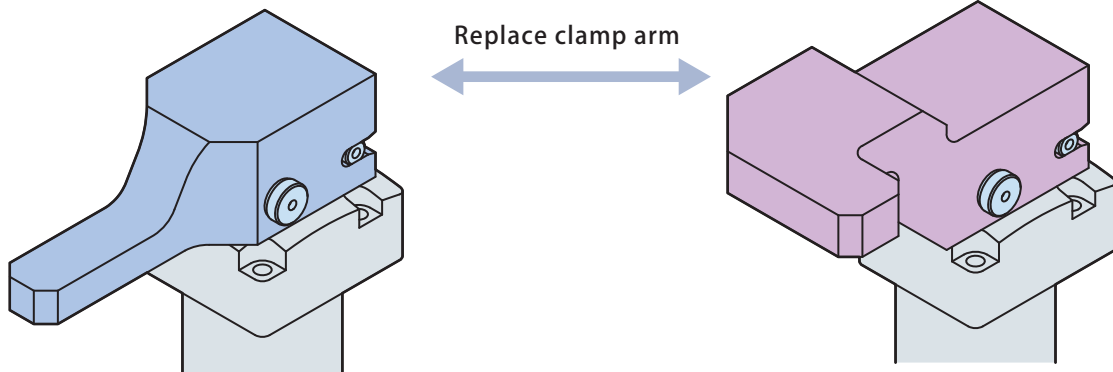
model **CTT**



Swing clamp
model CTM

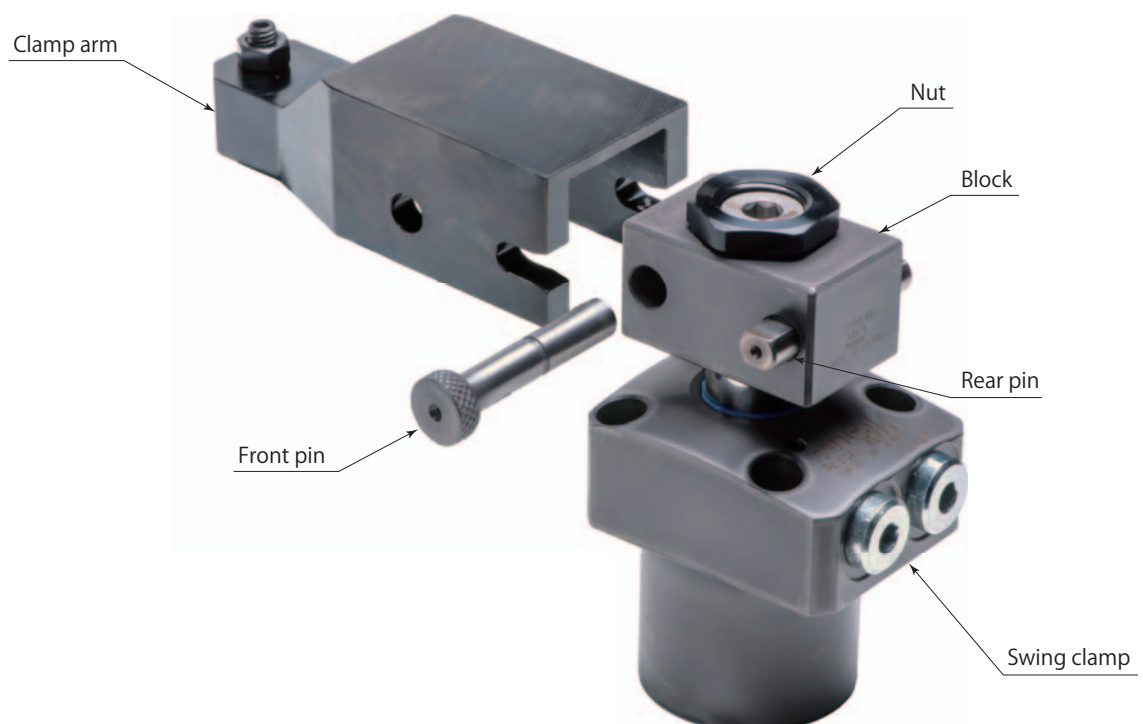
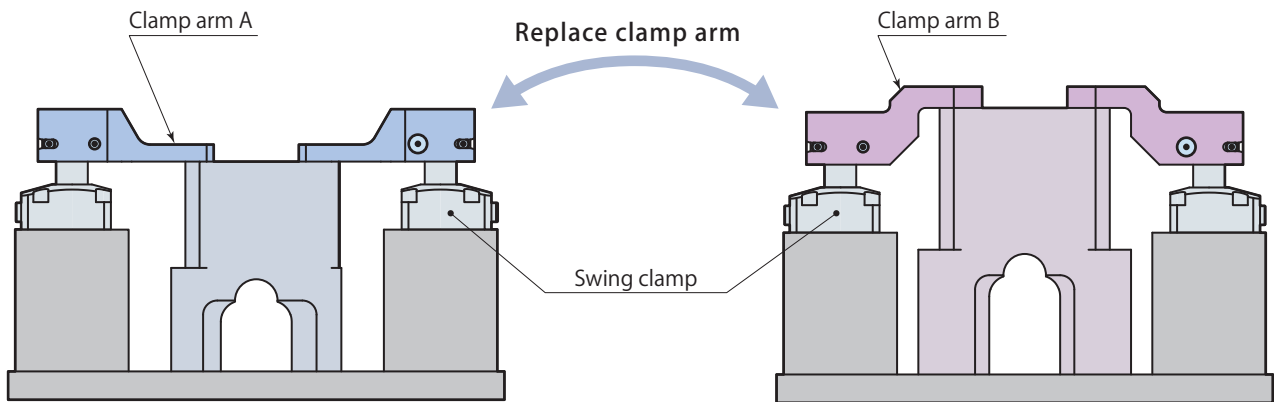
Jig cost is reduced

The introduction of the arm enable the jig to be exchanged very quick and to reduce the set-up time, which ends up the reduction of overall Jig cost.



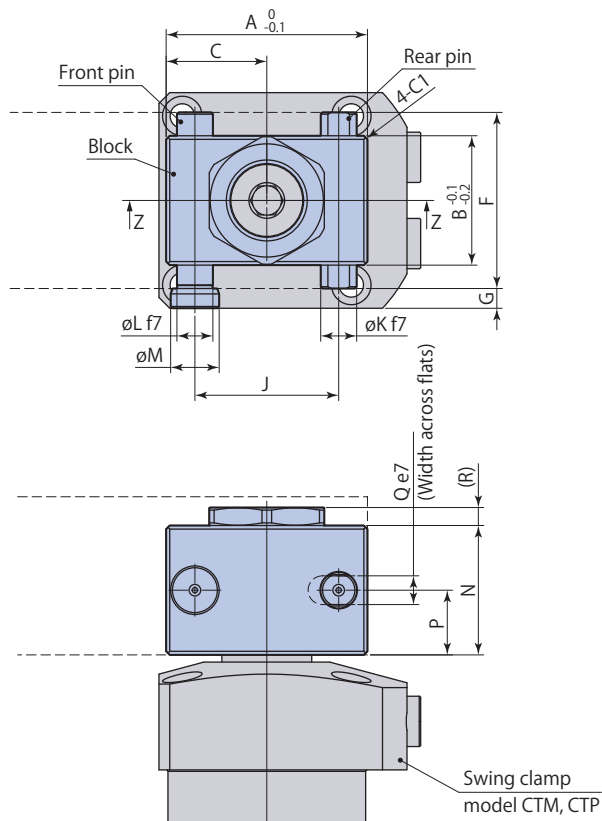
Productivity improved

The arm makes the clamp versatile for many kinds of the workpiece and productivity increases.



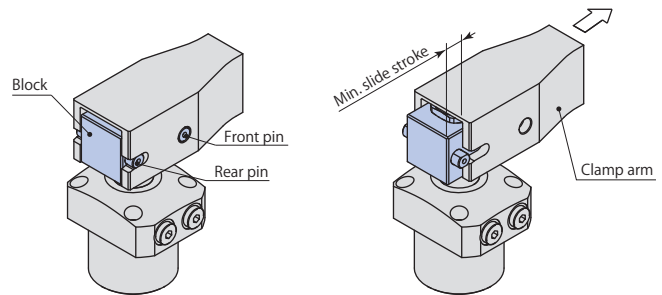
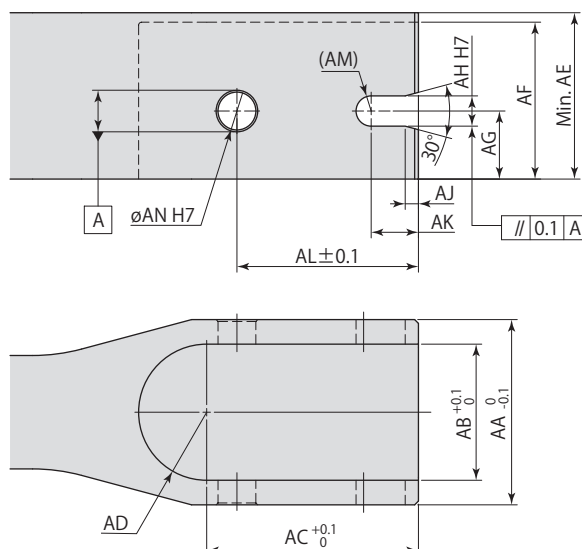
Size
04
05
06 — **BQ** : Quick arm
 (CTM, CTP)
10
16

Dimensions



Clamp arm mounting details

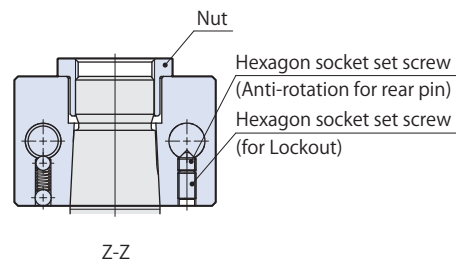
Recommended material: S45C (HB201-269)



Clamp arm mounting

Clamp arm dismounting

Pull the pin out and slide the clamp arm to the front of the clamp so the arm can be removed.



- Refer to the respective catalog for the details of technical specifications including dimensions that are not indicated in the diagram.
- Refer to the respective catalog for the relation between hydraulic force and clamp arm length.
- Model CTH-BQ includes a nut, block, front pin and a rear pin.
- The clamp arm should be prepared by the user.
- This product is made to order.

CTH□-BQ	Quick arm change (model CTM, CTP)	Option
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mm

Model	CTH04-BQ	CTH05-BQ	CTH06-BQ	CTH10-BQ	CTH16-BQ
Applicable swing clamp	CTM04 CTM04-□S CTP04	CTM05 CTM05-□S CPT05	CTM06 CTM06-□S CTP06	CTM10 CTM10-□S	CTM16-□S
A	42	48	56	67	80
B	27	33.5	36	45.5	50.5
C	21	24	28	33.5	40
F	40	45	49	59	72
G	5.5	5.5	5.5	5.5	9
J	29	34	40	50	56
øK	8 ^{-0.013} _{-0.028}	10 ^{-0.013} _{-0.028}	10 ^{-0.013} _{-0.028}	10 ^{-0.013} _{-0.028}	16 ^{-0.016} _{-0.034}
øL	8 ^{-0.013} _{-0.028}	10 ^{-0.013} _{-0.028}	10 ^{-0.013} _{-0.028}	10 ^{-0.013} _{-0.028}	16 ^{-0.016} _{-0.034}
øM	11.5	13.5	13.5	13.5	21
N	23	30	36	36	50
P	11.5	15	18	18	25
Q	6 ^{-0.020} _{-0.032}	8 ^{-0.025} _{-0.040}	8 ^{-0.025} _{-0.040}	8 ^{-0.025} _{-0.040}	14 ^{-0.032} _{-0.050}
R	5	5	5	5	7
Min. slide stroke	10.5	12	13	13.5	20

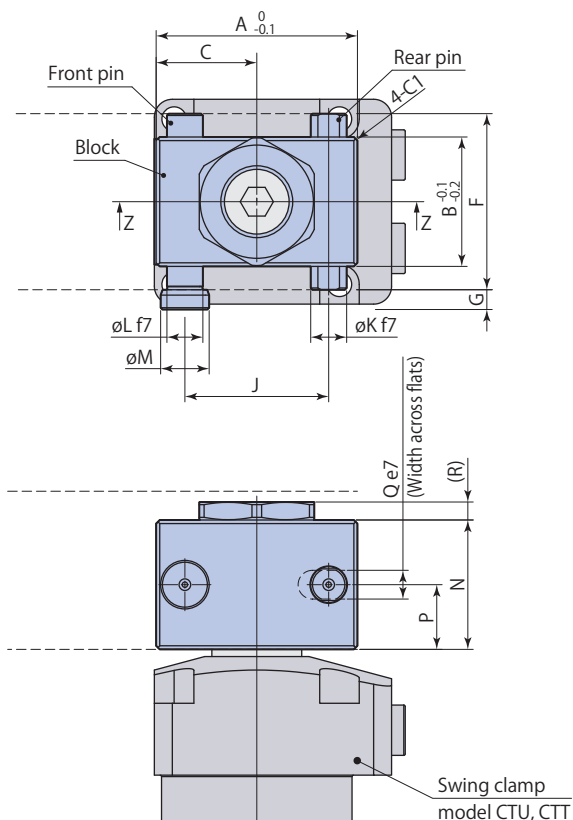
mm

Model	CTH04-BQ	CTH05-BQ	CTH06-BQ	CTH10-BQ	CTH16-BQ
Applicable swing clamp	CTM04 CTM04-□S CTP04	CTM05 CTM05-□S CPT05	CTM06 CTM06-□S CTP06	CTM10 CTM10-□S	CTM16-□S
AA	40	45	49	59	72
AB	27	33.5	36	45.5	50.5
AC	42	48	56	67	80
AD	R13.5	R16.75	R18	R22.75	R25.25
AE	32	39	44	44	62
AF	29	36	41.5	41.5	58
AG	11.5	15	18	18	25
AH	6 ^{+0.012} ₀	8 ^{+0.015} ₀	8 ^{+0.015} ₀	8 ^{+0.015} ₀	14 ^{+0.018} ₀
AJ	2.5	3	3.5	4	6
AK	9.5	10.5	11.5	12	16.5
AL	35.5	41	48	58.5	68
AM	R3	R4	R4	R4	R7
øAN	8 ^{+0.015} ₀	10 ^{+0.015} ₀	10 ^{+0.015} ₀	10 ^{+0.015} ₀	16 ^{+0.018} ₀

CTH□-CQ	Quick arm change (model CTU, CTT)	Option
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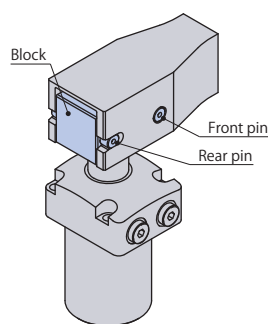
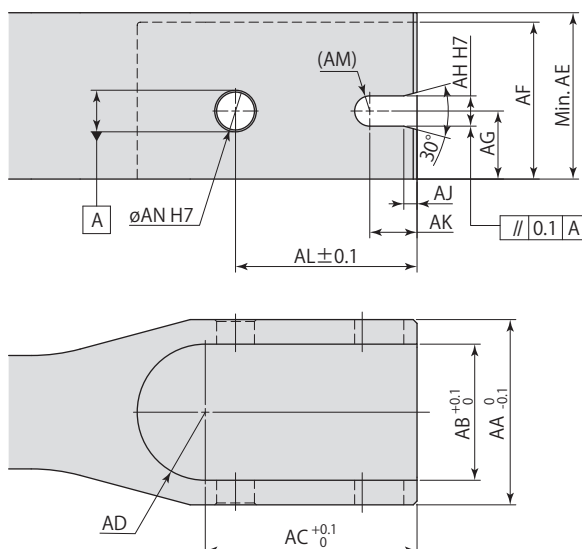
Size	
02	CTH □ - CQ : Quick arm (CTU, CTT)
04	
06	
10	
16	

Dimensions

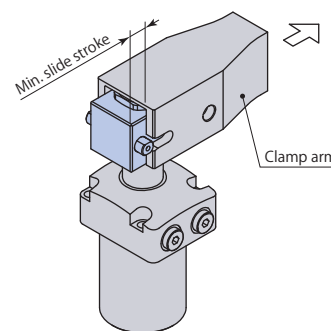


Clamp arm mounting details

Recommended material: S45C (HB201-269)

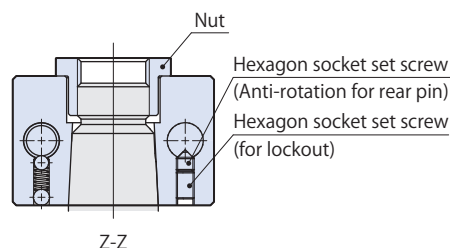


Clamp arm mounting



Clamp arm dismounting

Pull the pin out and slide the clamp arm to the front of the clamp so the arm can be removed.



- Refer to the respective catalog for the details of technical specifications including dimensions that are not indicated in the diagram.
- Refer to the respective catalog for the relation between hydraulic force and clamp arm length.
- Model CTH-CQ includes a nut, block, front pin and a rear pin.
- The clamp arm should be prepared by the user.
- This product is made to order.

CTH□-CQ	Quick arm change (model CTU, CTT)	Option
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mm

Model	CTH02-CQ	CTH04-CQ	CTH06-CQ	CTH10-CQ	CTH16-CQ
Applicable swing clamp	CTU02 CTT02	CTU04 CTT04	CTU06 CTT06	CTU10 CTT10	CTU16 CTT16
A	45	54	57	66	76
B	25	30.5	33.5	40.5	51.5
C	22.5	27	28.5	33	38
F	35	42	46	55.5	70
G	5.5	5.5	5.5	7.5	9
J	32	38	38	46	56
øK	6 ^{-0.011 -0.022}	8 ^{-0.013 -0.028}	10 ^{-0.013 -0.028}	12 ^{-0.016 -0.034}	14 ^{-0.016 -0.034}
øL	6 ^{-0.011 -0.022}	8 ^{-0.013 -0.028}	10 ^{-0.013 -0.028}	12 ^{-0.016 -0.034}	14 ^{-0.016 -0.034}
øM	9.5	11.5	13.5	16	18
N	22	29	32	36	40
P	11	14.5	16	18	20
Q	5 ^{-0.020 -0.032}	6 ^{-0.020 -0.032}	8 ^{-0.025 -0.040}	10 ^{-0.025 -0.040}	12 ^{-0.032 -0.050}
R	6	5	5	7	7
Min. slide stroke	9.5	12	14.5	16	17

mm

Model	CTH02-CQ	CTH04-CQ	CTH06-CQ	CTH10-CQ	CTH16-CQ
Applicable swing clamp	CTU02 CTT02	CTU04 CTT04	CTU06 CTT06	CTU10 CTT10	CTU16 CTT16
AA	35	42	46	55.5	70
AB	25	30.5	33.5	40.5	51.5
AC	45	54	57	66	76
AD	R12.5	R15.25	R16.75	R20.25	R25.75
AE	33	39	42	48	52
AF	29	35	38	44	48
AG	11	14.5	16	18	20
AH	5 ^{+0.012 0}	6 ^{+0.012 0}	8 ^{+0.015 0}	10 ^{+0.015 0}	12 ^{+0.018 0}
AJ	2.5	3	3.5	5	5
AK	8.5	11	13	14	14
AL	38.5	46	47.5	56	66
AM	R2.5	R3	R4	R5	R6
øAN	6 ^{+0.012 0}	8 ^{+0.015 0}	10 ^{+0.015 0}	12 ^{+0.018 0}	14 ^{+0.018 0}

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