

Pin Clamp Cylinder **U series**

CKQ_PU/CLKQ_PU Series

How to Order



Built-in standard magnet C KQG U A 50 - 177 R A L Z - P3DWASC

Built-in strong magnet C KQP U A 50 - 198 R A L - P79WSE

With lock on the clamp side

Nil	Without lock
L	With lock

Mounting surface (viewed from top)

Symbol	Port location
A	
B	

Bore size

50	50 mm
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Port thread type

Nil	Rc
TN	NPT
TF	G

Guide pin diameter

* For guide pin diameter, refer to Table 1 below.

Guide pin shape

R	Round type
D	Diamond type*

* Diamond type guide pin diameter is ø17.5 or more.

Number of auto switches

Nil	2 pcs.
S	1 pc. (Unclamp side)

* The D-P7 type is different-surface mounting. (Refer to page 518.)

Auto switch type

Nil	Without auto switch (Built-in magnet)
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* For applicable auto switch models, refer to page 507.
* Auto switches are included, (but not assembled).

Shim


Nil	Without shims
S	With 3 mm shims*

* When a model includes shims, two 1 mm shims and two 0.5 mm shims are attached.

Clamping height (Refer to the below figure.)

L	LOW type (40 mm)
H	HIGH type (70 mm)

LOW type **HIGH type**



Clamping height

Clamp arm position (clockwise viewed from top)

A	Same direction as port
B	90° from port
C	180° from port
D	270° from port

Body shape



Symbol	Dimension	Mounting hole (tap, pin hole) arrangement	Mounting	Mounting surface (viewed from top)
U	□66	 : Mounting tap ○ : Pin hole	Mounting tap: 2 x M10 x 1.5 Pin hole: 2 x øH7	

Table 1. Guide Pin Diameter

Symbol	125	127	128	129	130	145	147	148	149	150	155	157	158	159	160
Guide pin diameter	12.5	12.7	12.8	12.9	13.0	14.5	14.7	14.8	14.9	15.0	15.5	15.7	15.8	15.9	16.0
Applicable hole diameter of workpiece	For ø13					For ø15					For ø16				
Guide pin shape	Round type														

Symbol	175	177	178	179	180	195	197	198	199	200	245	247	248	249	250	295	297	298	299	300
Guide pin diameter	17.5	17.7	17.8	17.9	18.0	19.5	19.7	19.8	19.9	20.0	24.5	24.7	24.8	24.9	25.0	29.5	29.7	29.8	29.9	30.0
Applicable hole diameter of workpiece	For ø18					For ø20					For ø25					For ø30				
Guide pin shape	Round type, Diamond type																			