

KZS-P



APPLICATION

Optimally suited for the rational clamping in automated work sequences.

TYPE

Pneumatically actuated centering vice available in standard version. 2-jaw version.

CUSTOMER BENEFITS

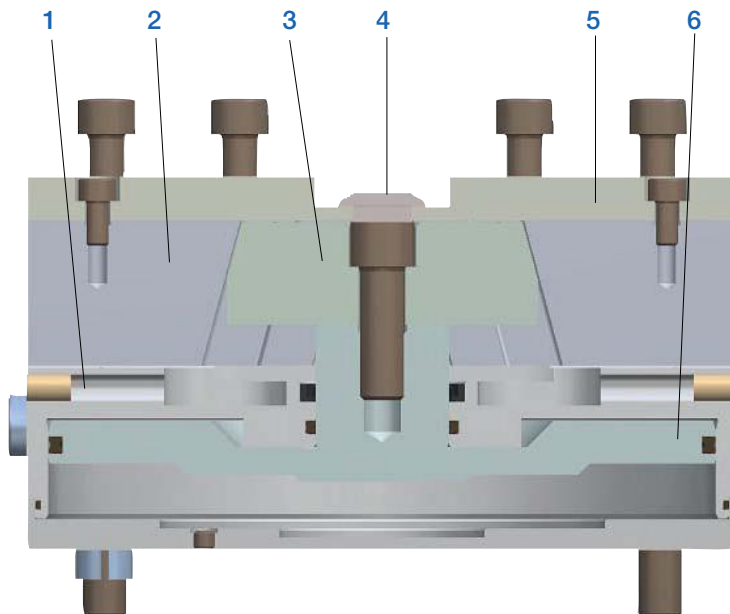
- ⊕ Compact design for best possible work area utilization
- ⊕ Flexible use thanks to lateral accessibility
- ⊕ High repeatability thanks to sturdy, low-backlash jaw guides and constant clamping force at same pressure
- ⊕ Centric clamping of round and angular workpieces possible by using different clamping jaws
- ⊕ Suitable for internal and external clamping

TECHNICAL FEATURES

- Wedge hook principle with integrated pneumatic actuation
- Clamping force can be regulated by changing the pressure

Note:

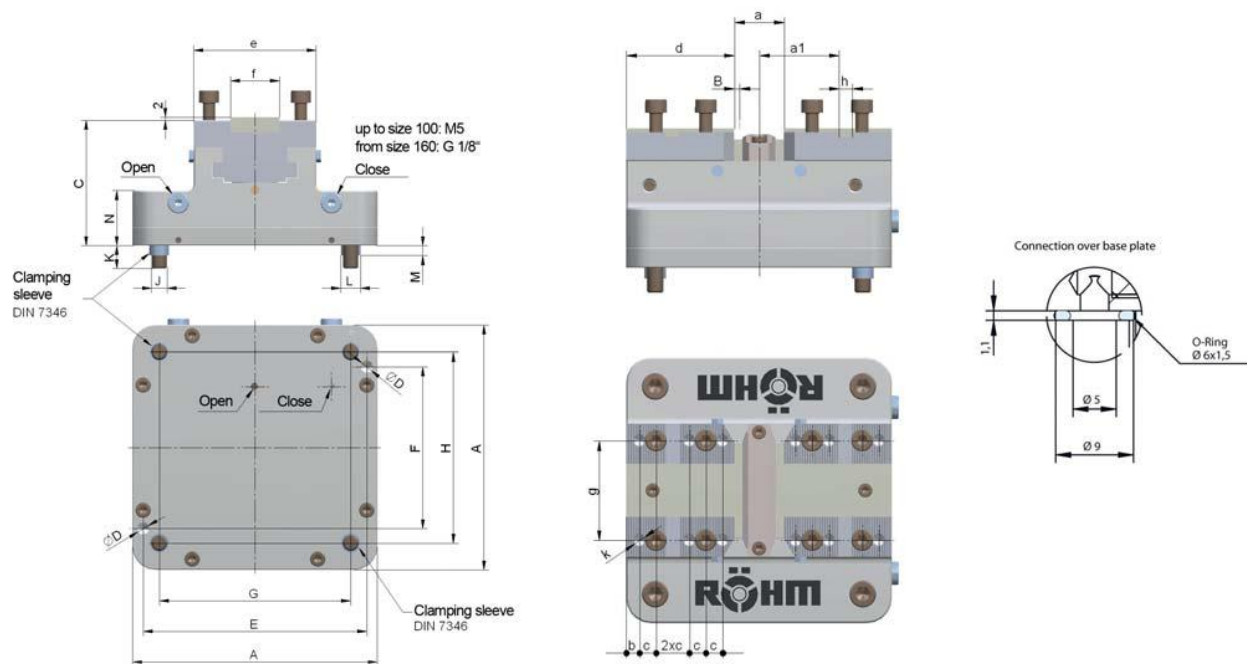
Hydraulic actuation on request



Components:

1. Body
2. Base jaw
3. Piston
4. Cover bridge
5. Guiding rail
6. Piston plate

KZS-P



C 15

Air-operated centering vices KZS-P, base jaws with serration 1,5 x 60° and tongue and groove connection

Item no.	165092	165093	165094	165455 ▲	165095 ▲
Size	64	100	160	200	250
A mm	64	100	160	200	250
Jaw travel B mm	2,2	2,5	3,2	3,5	4
C mm	50,5	69	82	90	98
Ø D mm	4	6	8	8	10
E±0,01 mm	18 from center	90	146	184	230
F±0,01 mm	56	64	106	146	154
G±0,04 mm	50	80	125	160	200
H±0,04 mm	50	80	125	160	200
J (4x)	M6	M8	M10	M10	M12
K mm	8	12	15	15	18
Ø L Clamping sleeve mm	8	11	13	13	16
M mm	2,5	4,5	6,5	6,5	6
N mm	28	35	36	42	52
O mm	17	32	40	50	64
P mm	17	29,5	50	65	75
a min.	12	20	23,6	25	28
a max.	16,4	25	30	32	36
a 1 min.	13	25,5	44,8	54,5	57
a 1 max.	15,2	28	48	58	61
b mm	4	5	8	8	11
c mm	5	7	10	10	12
d mm	23	37,5	65	84	107
e mm	34	55	80	100	125
f g6 mm	14	20	32	40	50
g mm	24	35	60	80	90
h H7 mm	4	6	8	8	10
k	4xM4/6	4xM6/8	5xM8/13	6xM8/13	8xM10/16
Piston area cm ²	22	62	175	250	370
Max. operating pressure bar	6	9	9	6	6
Max. total clamping force kN	2,5	13	35	35	50
Weight kg	1	3	9	19	29,5
Air consumption/Double stroke cm ³	31	126	420	650	1300

Power-operated centering vices KZS-P

Jaws KZS-P

C 21

Soft top jaws, 2-jaw set, can be hardened serration 60° - material: 16 MnCr 5



Item no.	Chuck Size	Jaw length mm	Jaw height mm	Jaw width mm
166138	64	25	20	34
166140	100	42	25	55
166142	160	60	40	80
166144	200	75	45	100
166146	250	90	50	125

C 21

Soft top jaws, 2-jaw set tongue and groove, high design, material: 16 MnCr 5



Item no.	Chuck Size	Jaw length mm	Jaw height mm	Jaw width mm
166126	64	28,5	35	34
166128	100	47	48	55
166130	160	76	77,5	80
166132	200	96	85	100
166134	250	120	100	125