

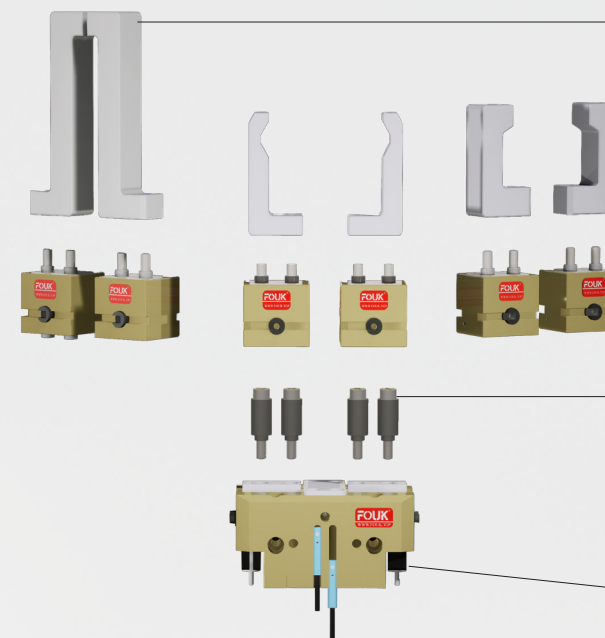


Quick-Change Finger

Quick-Change Finger Series

FOUK-ZM

The FOUK quick-change finger is a fast tool change device designed for parallel pneumatic grippers. It features dual-positioning adapter pins that enable high-precision alignment and installation with the gripper fingers. By pressing the locking mechanism, the fixture can be quickly secured or released, enabling rapid replacement of automated handling tools. When the original pneumatic gripper has insufficient gripping stroke or effective finger reach, installing this quick-change finger effectively extends the gripping arm length and broadens the gripper's clamping range.



Finger

Replaceable with different shapes and materials for the gripper, it can be adapted to various sizes of irregular workpieces for grasping. With one-click quick change of the tooling, the versatility of the equipment is significantly enhanced, and it is suitable for flexible production of multiple categories.

Quick-Change Base

By pressing the locking device, the finger base can be easily pulled out, enabling quick replacement of the fingers. The operation is simple and fast. It can effectively extend the length of the clamping arm and broaden the clamping range of the gripper.

Adapter Pin

The high-strength double positioning pin design ensures precise installation alignment and stable repeated positioning of the clamping fingers. It supports the use of multiple sets of clamping fingers together, eliminating the need for repeated purchases of multiple types of fixtures, effectively reducing the equipment investment cost.

Adaptive Gripper

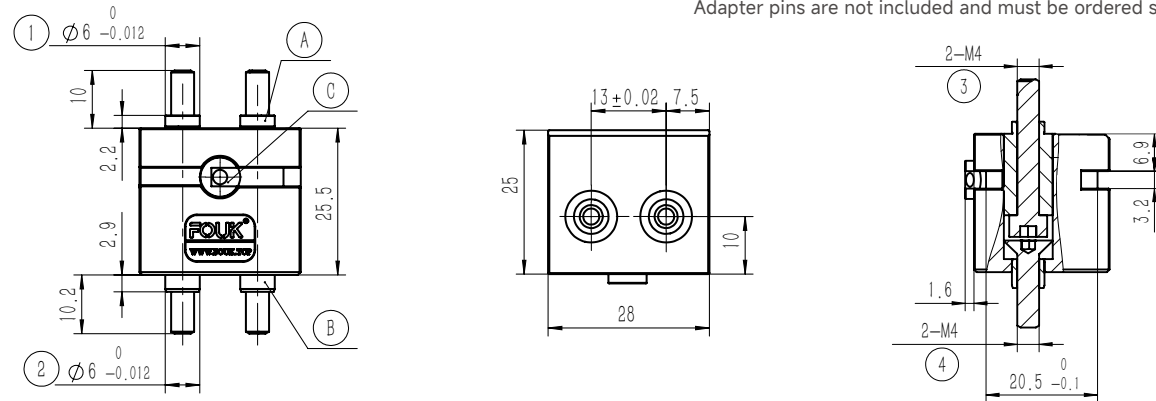
It adopts a three-tooth track structure and 7075 aviation aluminum, featuring high hardness and high precision.

Quick-Change Finger quickly	Model	Weight / kg	Max. Allowable Load Torque / N·m	Max. Allowable Force / N	Operating Temperature Range / °C	Compatible Gripper
	FK-ZM-13	0.1	27	450	5~60	FR28-76、FZ42-78
	FK-ZM-16	0.1	54	900	5~60	FR 36-96、FZ55-100
	FK-ZM-20	0.15	90	1710	5~60	FR45-120、FZ70-125
	FK-ZM-24	0.45	207	2520	5~60	FR57-151、FZ90-155
	FK-ZM-32	0.65	270	4770	5~60	FR72-192、FZ125-200
	FK-ZM-40	1.1	450	5400	5~60	FR99-234、FZ160-250
	FK-ZM-44	1.6	720	8100	5~60	FR117-270、FZ185-292
	FK-ZM-46	2.05	1080	10800	5~60	FR136-320、FZ220-352

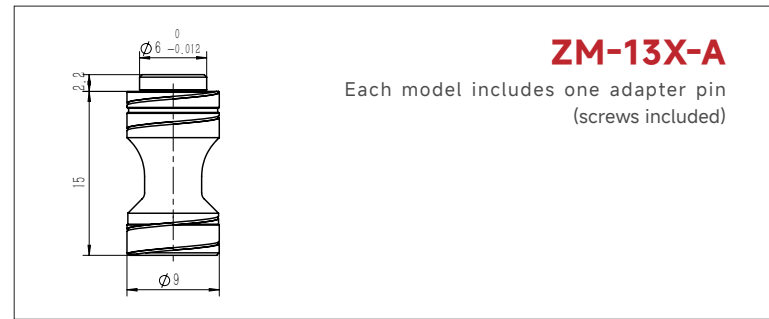
Adapter Pin	Model	Applicable Products
	ZM-13X-A	FK-ZM-13
	ZM-16X-A	FK-ZM-16
	ZM-20X-A	FK-ZM-20
	ZM-24X-A	FK-ZM-24
	ZM-32X-A	FK-ZM-32
	ZM-40X-A	FK-ZM-40
	ZM-44X-A	FK-ZM-44
	ZM-46X-A	FK-ZM-46

FK-ZM-13

Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.

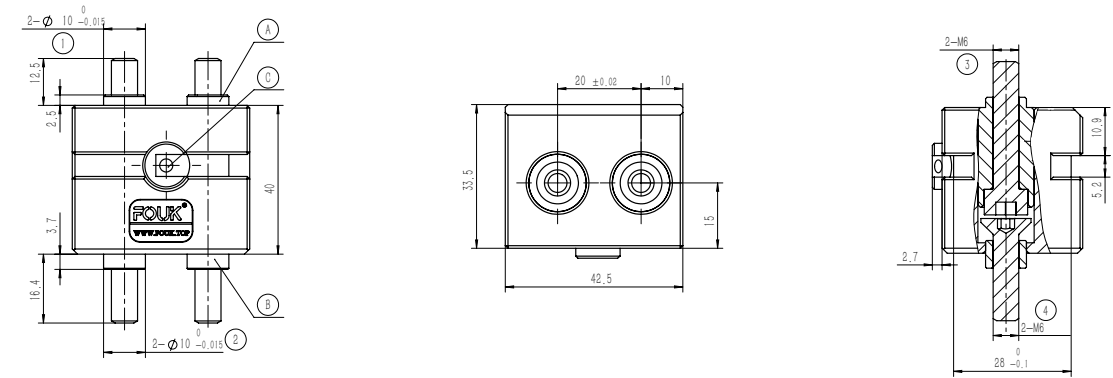


- ① Gripper Positioning
- ② Finger Positioning
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Gripper Adapter Locating Pin
- B Gripper Finger Locating Pin Bushing
- C Locking Pin

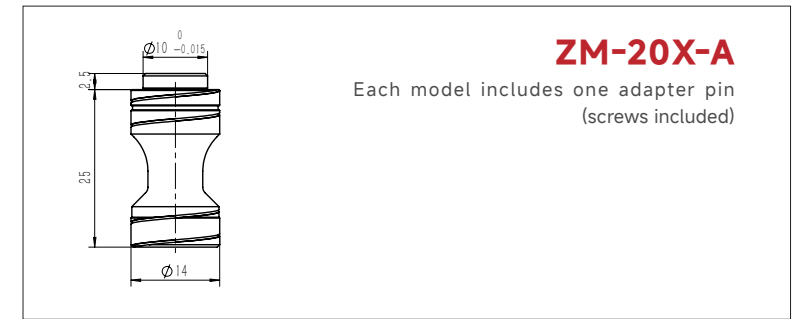


FK-ZM-20

Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.

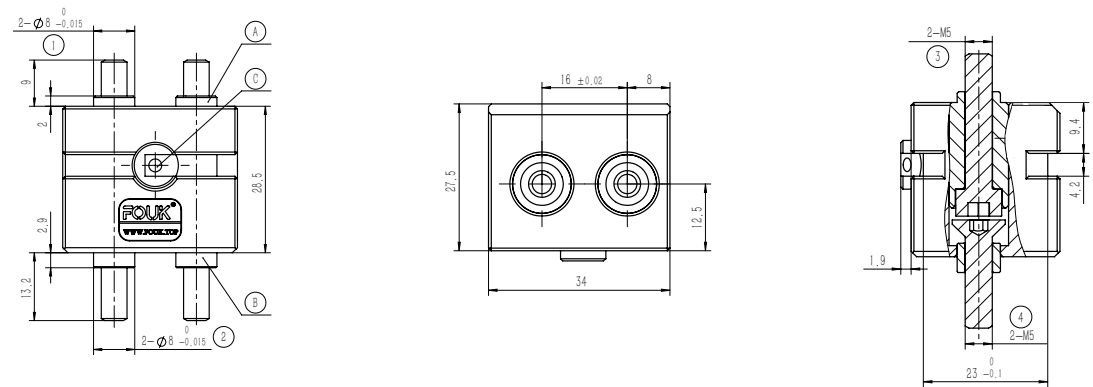


- ① Gripper Locating
- ② Finger Locating
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Gripper Adapter Locating Pin
- B Gripping Finger Locating Pin Bushing
- C Locking Pin

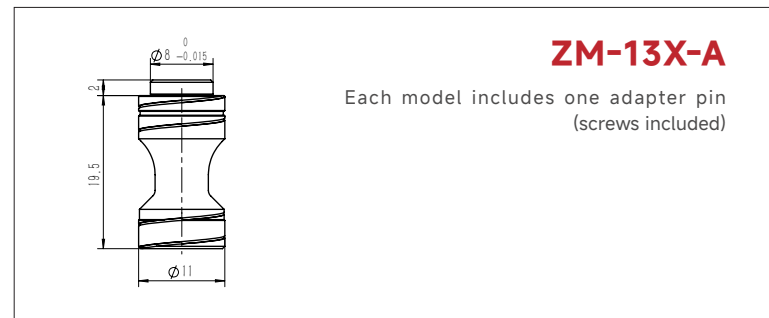


FK-ZM-16

Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.

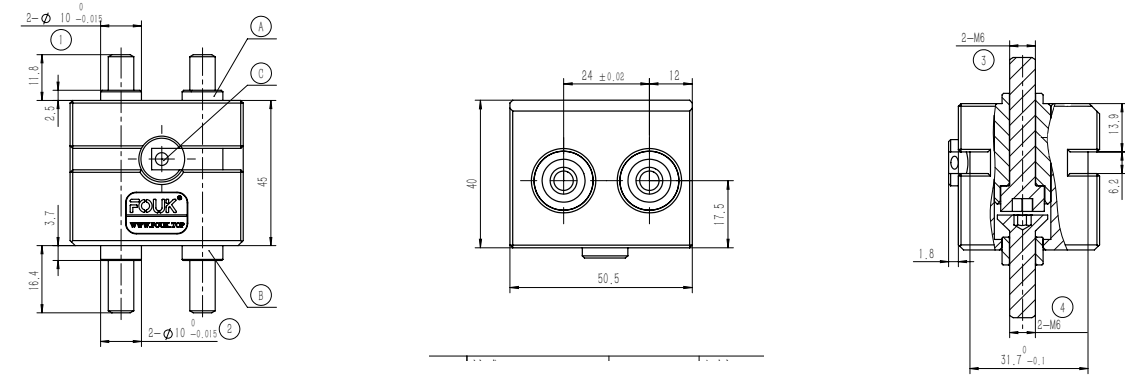


- ① Gripper Locating
- ② Finger Locating
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Compatible Gripper Locating Pin
- B Gripping Finger Locating Pin
- C Locking Pin

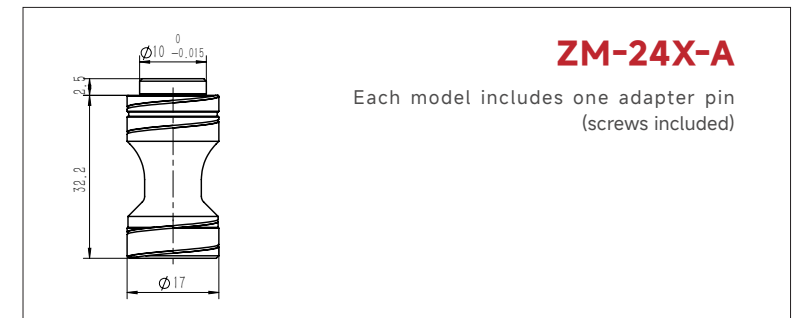


FK-ZM-24

Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.

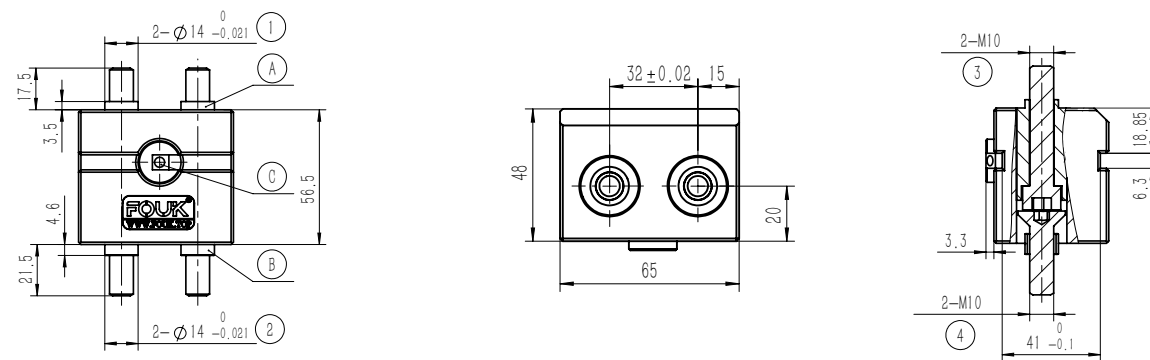


- ① Gripper Locating
- ② Finger Locating
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Gripper Adapter Locating Pin
- B Gripping Finger Locating Pin Bushing
- C Locking Pin



FK-ZM-32

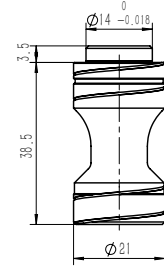
Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.



- ① Gripper Locating
- ② Finger Locating
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Compatible Gripper Locating Pin
- B Gripping Finger Locating Pin
- C Locking Pin

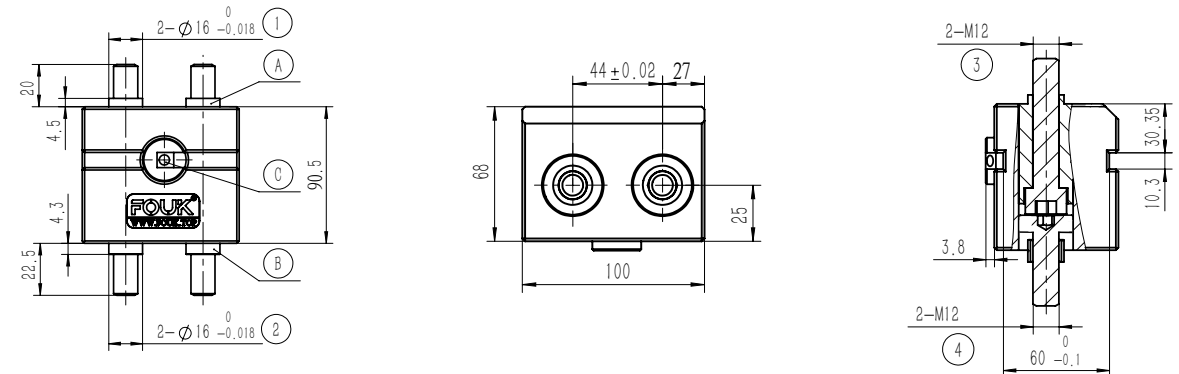
ZM-32X-A

Each model includes one adapter pin
(screws included)



FK-ZM-44

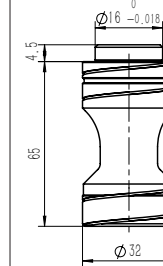
Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.



- ① Gripper Locating
- ② Finger Locating
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Gripper Adapter Locating Pin
- B Gripping Finger Locating Pin Bushing
- C Locking Pin

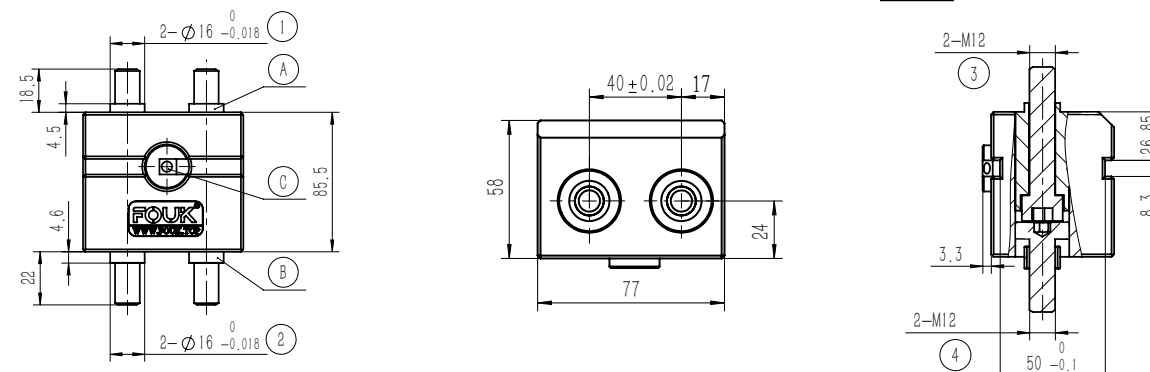
ZM-44X-A

Each model includes one adapter pin
(screws included)



FK-ZM-40

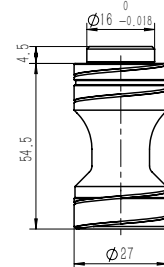
Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.



- ① Gripper Locating
- ② Finger Locating
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Gripper Adapter Locating Pin
- B Gripping Finger Locating Pin Bushing
- C Locking Pin

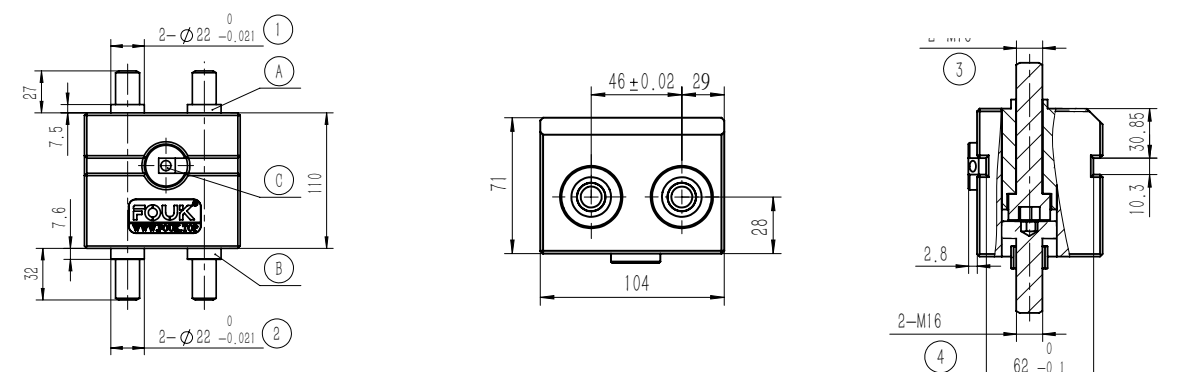
ZM-40X-A

Each model includes one adapter pin
(screws included)



FK-ZM-46

Each model includes one quick-change finger.
Adapter pins are not included and must be ordered separately.



- ① Gripper Locating
- ② Finger Locating
- ③ Gripper Mounting Screw (Standard)
- ④ Finger Mounting Screw (Standard)
- A Gripper Adapter Locating Pin
- B Gripping Finger Locating Pin Bushing
- C Locking Pin

ZM-46X-A

Each model includes one adapter pin
(screws included)

