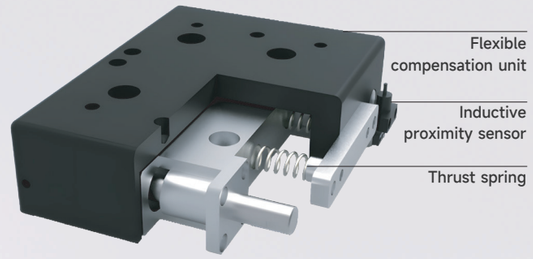
FOUK®

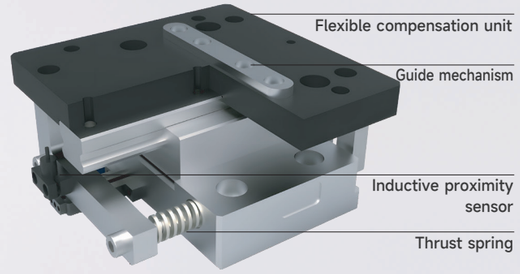
Truss System Disc-type Gripping Unit

It has the core competitiveness of the industry and has irreplaceable advantages in the machine tool scene.

HT-ZG



HT-HE



Portable mounting mode

No flange is required, and it can be directly connected with TG and TE products

Built-in double pusher spring

The built-in spring provides linear thrust, and it is provided with a quick spring change mechanism

High-accuracy guide structure

Use of linear bearing/linear guide rail as high-accuracy guidance

S
Stroke
6..12mm

m
Product weight
0.65..4.6kg

Specification
Quantity：5

HT flexible compensation unit series

FOUK-HT

The TG/TE series high-accuracy pusher module assists the TG and TE series to push materials in the machine tool, and has the function of pushing material detection. It has the alarm function in case of incorrect material. The HT-ZG series assists the TG series, and the HT-HE series assists the TE series.

Usage Video of HT Series Products

Product Code	Supporting products	Weight	Page
HT-ZG12	TG12-TZ33/TG12-TR28	0.65	138
HT-ZG25	TG25-TZ42/TG25-TR30	1.85	138
HT-ZG32	TG32-TZ55/TG32-TR46	2.3	140
HT-ZG40	TG40-TZ75/TG40-TR57	4.3	140
HT-HE40	TE40-TR30-80	2.9	141
HT-HE50	TE50-TR46-101	4.6	141

P: Compressed air pressure [bar]
Gas consumption: volume of gas consumed at normal pressure (0.5MPa)

Flexible compensation unit series FOUK-HT

ZG12

HT - ZG12

Serial No. Specific model

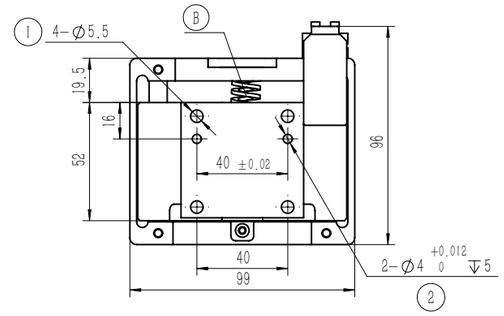
HT	Flexible unit compensation

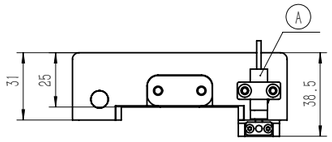
Inductive proximity sensor

IPSD-2NS-0823-L3	Inductive, NPN, 3-core3m
IPSD-2PS-0823-L3	Inductive, PNP, 3-core3m

Product attributes	HT-ZG12	HT-ZG25	HT-ZG32	HT-ZG40	HT-HE40	HT-HE50	Unit
Supporting products	TG12-FZ34/FR28	TG25-FZ42/FR36	TG32-FZ55/FR45	TG40-FZ70/FR57	TE40-FR36-96	TE50-FR45-120	
Guide pattern	Linear bearing	Linear bearing	Linear bearing	Linear bearing	Linear slide rail	Linear slide rail	
Weight	0.65	1.85	2.3	4.3	2.9	4.6	kg
Sensing stroke range	6~9	7~11	7~11	8~12	7~10	8~12	mm
Spring thrust range	3~8	5~14	8~20	10~25	6~16	8~20	kgf
Spring type	Rectangular/ circularsection	Rectangular/ circularsection	Rectangular/ circularsection	Rectangular/ circularsection	Rectangular/ circularsection	Rectangular/ circularsection	

HT-ZG12





1 Through hole for mounting gripper

2 Positioning for mounting gripper

3 Threaded hole for mounting truss

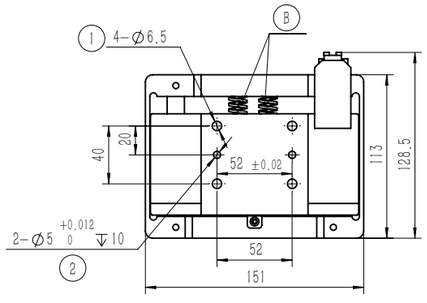
4 Positioning for mounting truss

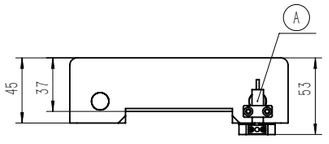
A Pushing test

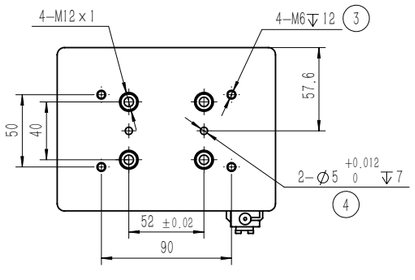
B Thrust spring

Note: The standard version of the product does not include the sensor,which is an optional item.

HT-ZG25







1 Through hole for mounting gripper

2 Positioning for mounting gripper

3 Threaded hole for mounting truss

4 Positioning for mounting truss

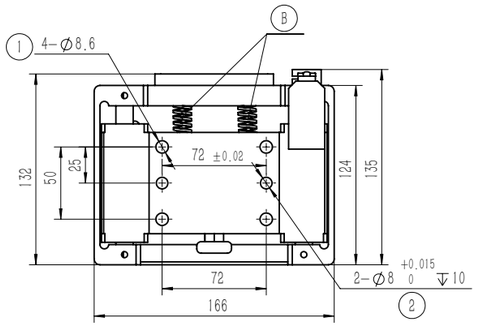
A Pushing test

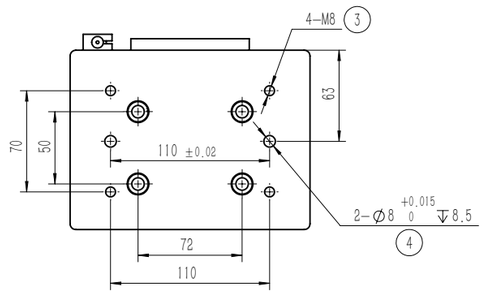
B Thrust spring

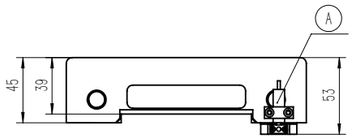
Note: The standard version of the product does not include the sensor,which is an optional item.

Flexible compensation unit series FOUK-HT

HT-ZG32







1 Through hole for mounting gripper

2 Positioning for mounting gripper

3 Threaded hole for mounting truss

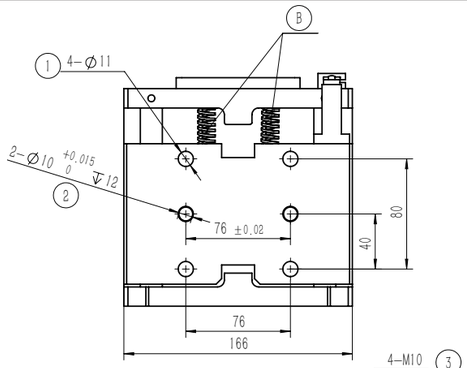
4 Positioning for mounting truss

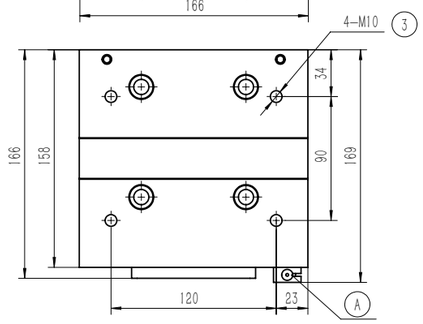
A Pushing test

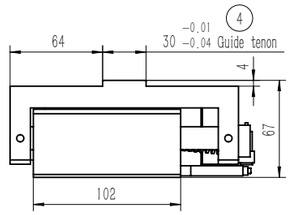
B Thrust spring

Note: The standard version of the product does not include the sensor,which is an optional item.

HT-ZG40







1 Through hole for mounting gripper

2 Positioning for mounting gripper

3 Threaded hole for mounting truss

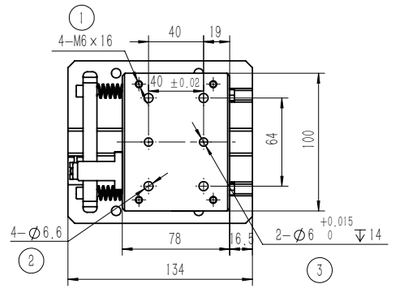
4 Positioning for mounting truss

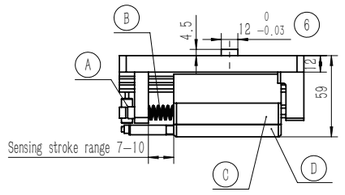
A Pushing test

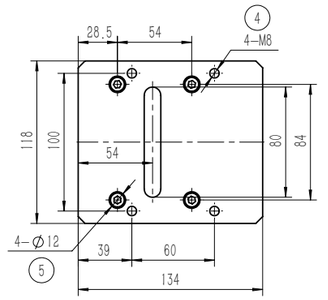
B Thrust spring

Note: The standard version of the product does not include the sensor,which is an optional item.

HT-HE40







Mounting steps of gripper:
1.First remove (1) through (5) .
2.Position on the gripper with the cylindrical locating pin through (3) .
3.Fix (D) on the corresponding gripper with the hexagon socket head cap screw through (2) .
4.Finally, install and fix the two plates of (C) and (D) with (1) through (5) .

1 Hexagon socket head cap screw (standard)

2 Through hole for mounting gripper

3 Positioning for mounting gripper

4 Threaded hole for mounting truss

5 Avoidance hole

6 Positioning guide strip

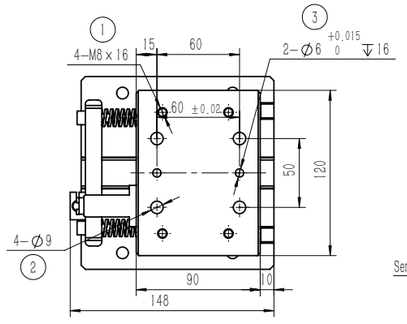
A Pushing test

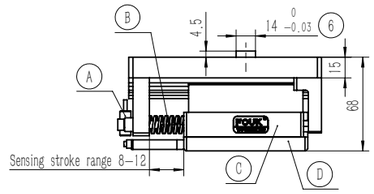
B Pushing spring

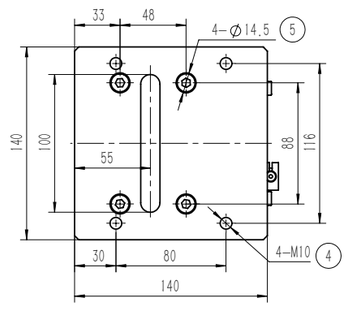
C Slider assembly

D Rotary connecting plate

HT-HE50







Mounting steps of gripper:
1.First remove (1) through (5) .
2.Position on the gripper with the cylindrical locating pin through (3) .
3.Fix (D) on the corresponding gripper with the hexagon socket head cap screw through (2) .
4.Finally, install and fix the two plates of (C) and (D) with (1) through (5) .

1 Hexagon socket head cap screw (standard)

2 Through hole for mounting gripper

3 Positioning for mounting gripper

4 Threaded hole for mounting truss

5 Avoidance hole

6 Positioning guide strip

A Pushing test

B Pushing spring

C Slider assembly

D Rotary connecting plate