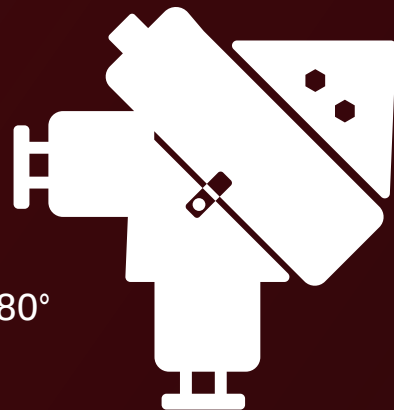


08

FOUK-TG

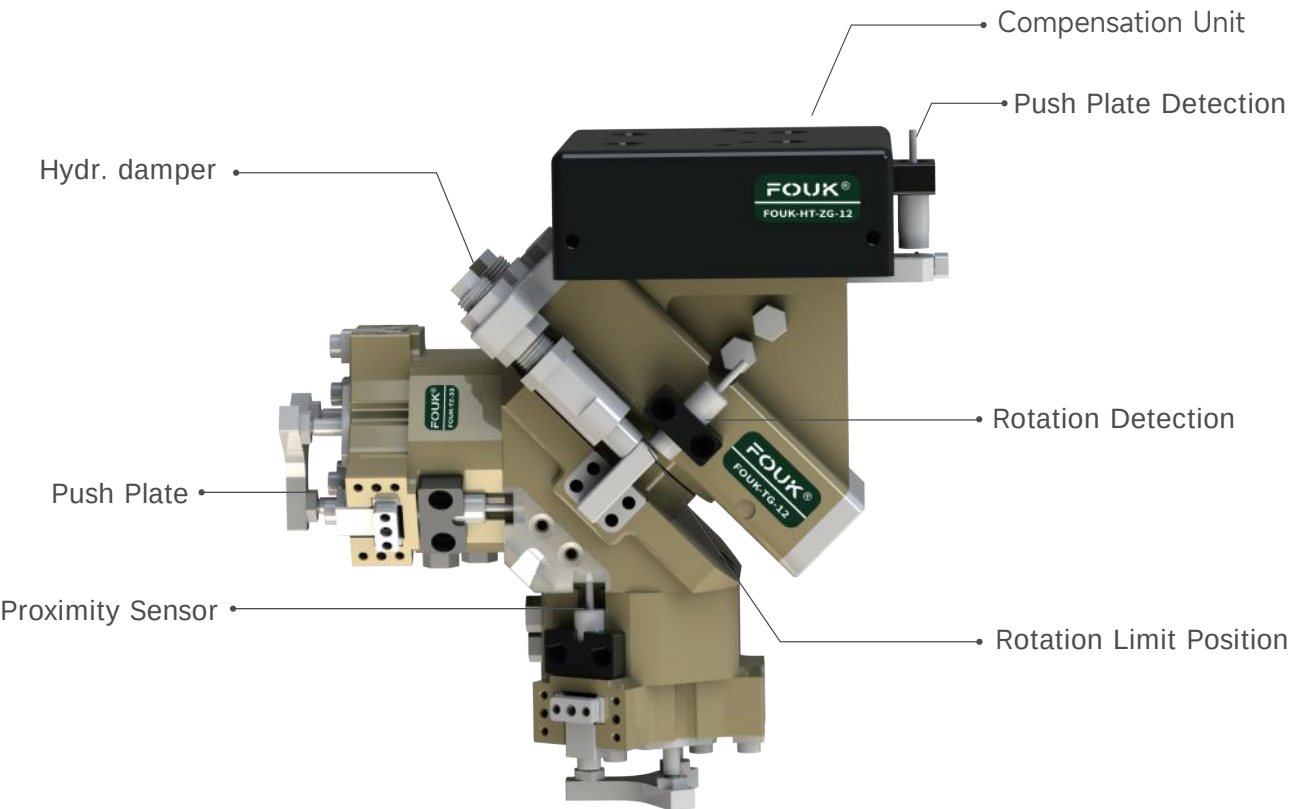
SWIVEL UNITSON TRUSS SYSTEM-180°



■ Technical Parameter

Products Name	Actual Torque(N.m)	Single Floor Load(kg)	Shock Absorber	Page
TG12	0.13xP	0.8	M10	123
TG25	0.96xP	1.7	M14	127
TG32	2.1xP	3	M20	131
TG40	3.7xP	6.5	M20	135
TG50	7.07XP	9	M33	139

P: Air Pressure [bar]



Note: The standard model of the product does not include the sensor and compensation unit, which are options.

■ TG12 Technical parameter

Product properties	Parameter value	Unit
Actual torque	0.13xP	N·m
Single floor load	0.8	kg
Single maximum load	1	kg
Weight	1.4	kg
Turning time	0.3~0.8	sec
Shock absorber	M10	
Repetition accuracy	±0.05	mm
Air pressure	3~6	bar
Fitting size	M5	
Ambient temperature	-5~60	°C
IP grade	65	

■ TZ33-60 Technical parameter

Product properties	Parameter value	Unit
Single stroke	6	mm
Weight	0.3	kg
Max. length attach	60	mm
Fitting size	M5	
Girpping force: Open/Close	72*P/66*P	N
Workpiece weight	1.5	kg

Product properties	Parameter value	Unit
Continuation usage amount	45	cpm
Repeat accuracy	±0.02	mm
Air pressure	3~7	bar
Ambient temperature	0~60	°C
IP grade	45	

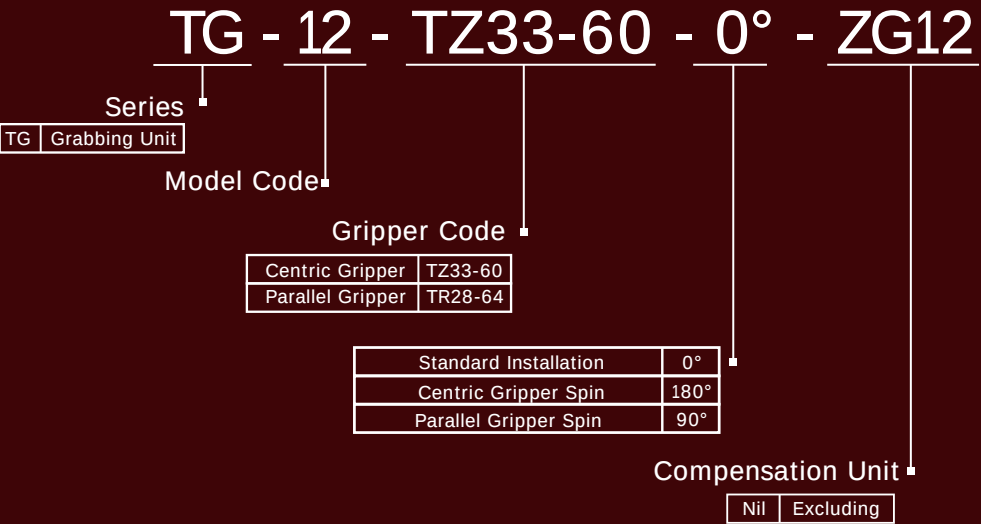
P: Air Pressure [bar]

■ TR28-64 Technical parameter

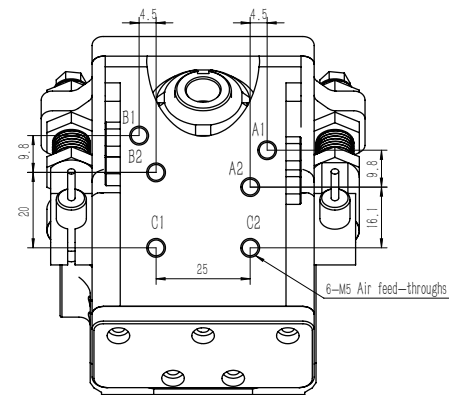
Product properties	Parameter value	Unit
Single stroke	6	mm
Weight	0.3	kg
Max. length attach	75	mm
Fitting size	M5	
Girpping force: open/close	52*P/48*P	N
Workpiece weight	1.4	kg

Product properties	Parameter value	Unit
Continuation usage amount	45	cpm
Repeat accuracy	±0.02	mm
Air pressure	4~7	bar
Ambient temperature	0~60	°C
IP grade	45	

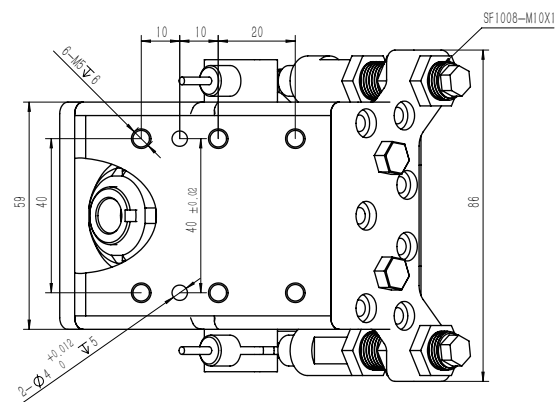
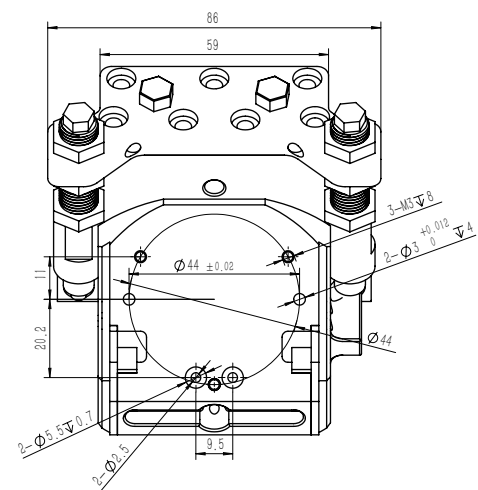
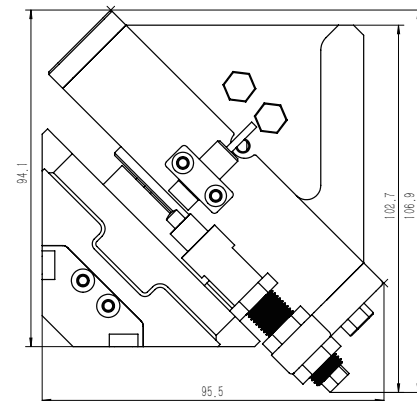
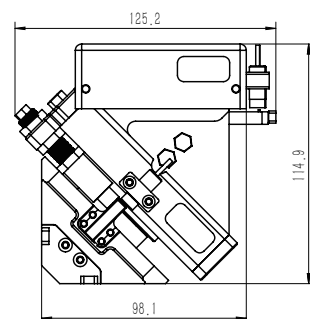
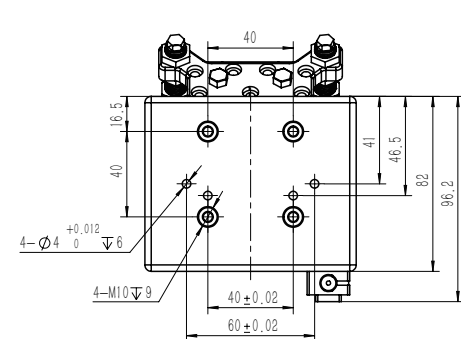
P: Air Pressure [bar]



TG12



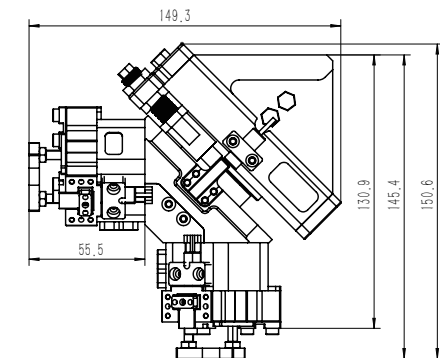
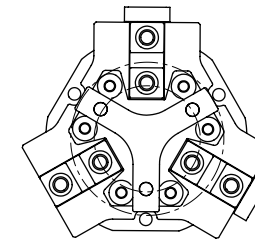
Gripper Air Port: A、B
Swivel Unit Air Port: C

**TG12-ZG12**

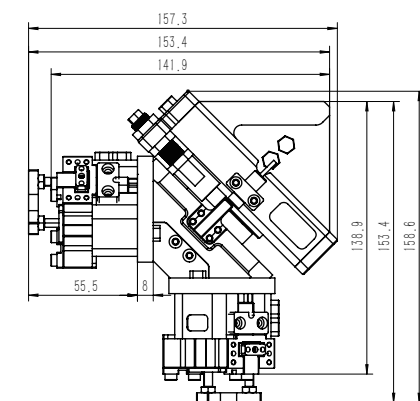
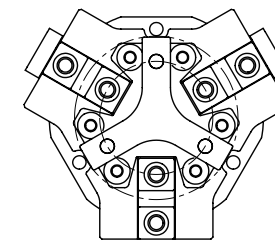
Accessory description:

ZG12 compensation unit, optionally installed in the gripping unit of the truss system, equipped with a push detection device, provides flexible compensation for the device when the clamping workpiece is skewed, reduces the rigid impact on the workpiece and provides a certain thrust.

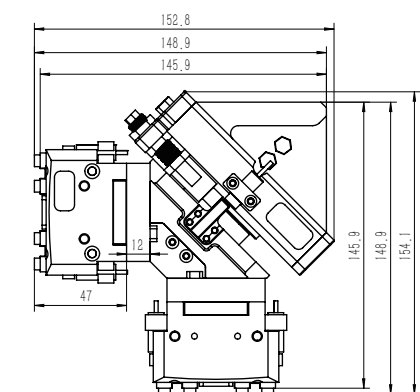
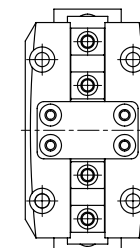
TG12-TZ33-60-0° Standard Installation



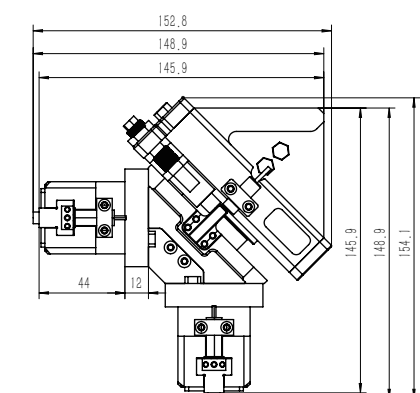
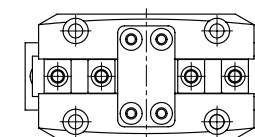
TG12-TZ33-60-180° Gripper spin



TG12-TR28-64-0° Standard Installation



TG12-TR28-64-90° Gripper spin



■ TG25 Technical parameter

Product properties	Parameter value	Unit
Actual torque	0.96xP	N·m
Single floor load	1.7	kg
Single maximum load	2	kg
Weight	2.8	kg
Turning time	0.4~1.1	sec
Shock absorber	M14	
Repetition accuracy	±0.05	mm
Air pressure	3~6	bar
Fitting size	M5	
Ambient temperature	-5~60	°C
IP grade	65	

■ TZ42-76 Technical parameter

Product properties	Parameter value	Unit
Single stroke	6	mm
Weight	0.5	kg
Max. length attach	75	mm
Fitting size	M5	
Girpping force: Open/Close	120*P/108*P	N
Workpiece weight	3	kg

Product properties	Parameter value	Unit
Continuation usage amount	40	cpm
Repeat accuracy	±0.02	mm
Air pressure	3~7	bar
Ambient temperature	0~60	°C
IP grade	45	

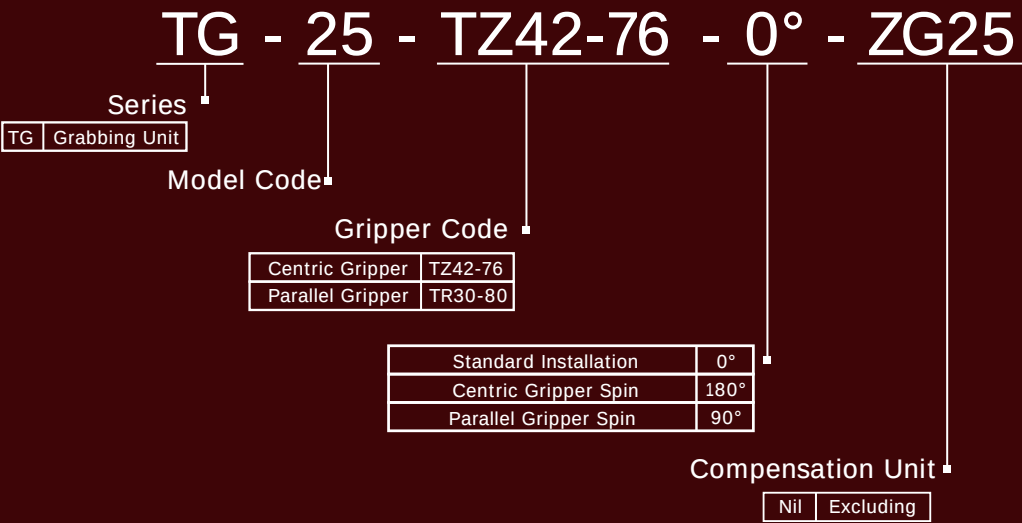
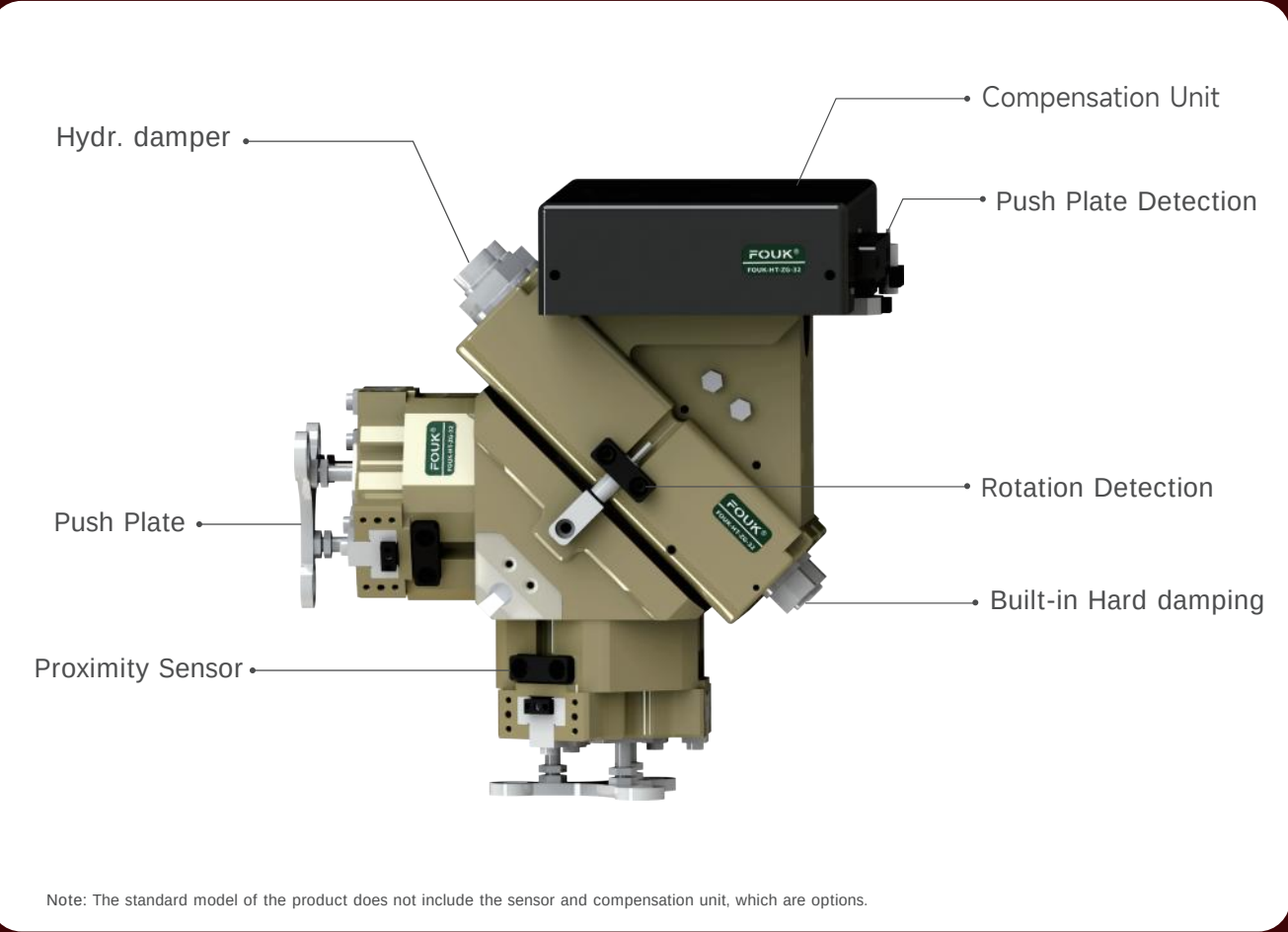
P: Air Pressure [bar]

■ TR30-80 Technical parameter

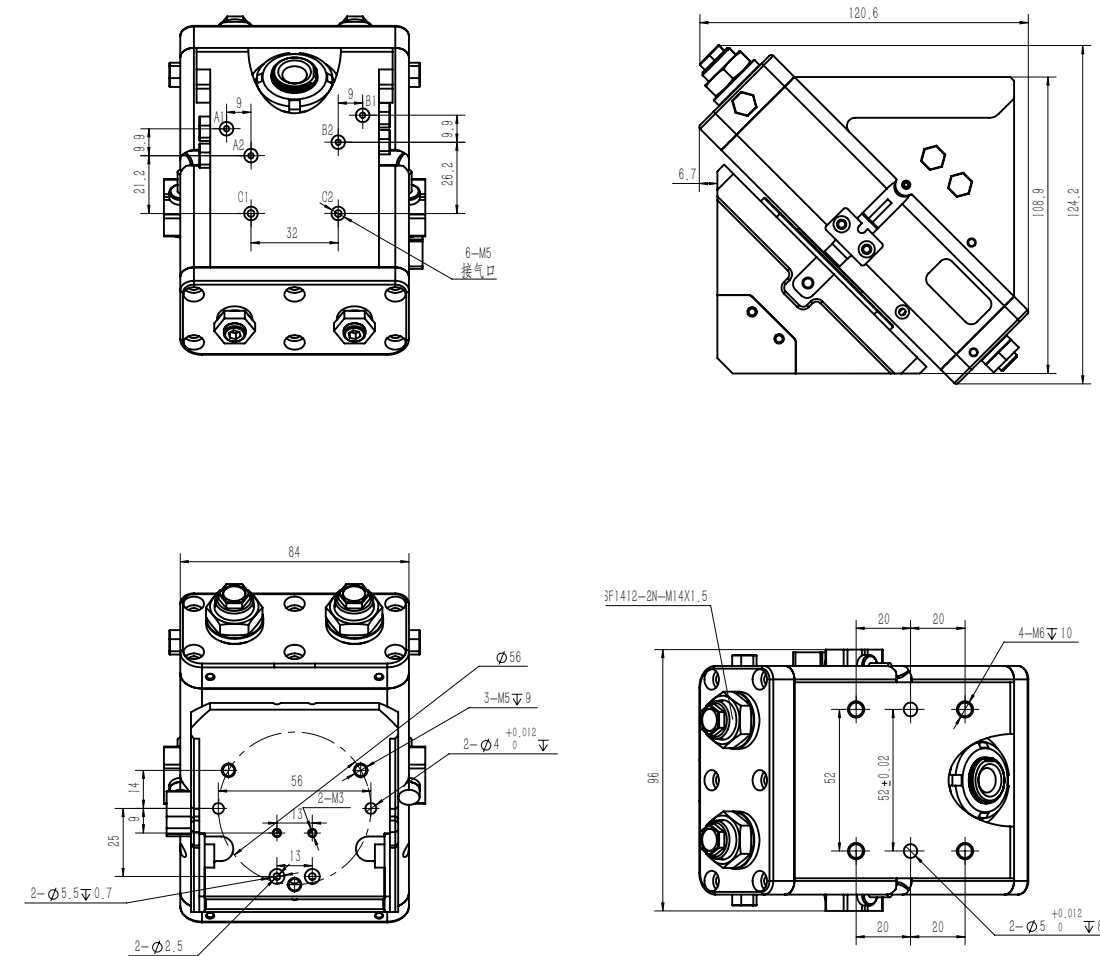
Product properties	Parameter value	Unit
Single stroke	8	mm
Weight	0.5	kg
Max. length attach	80	mm
Fitting size	M5	
Girpping force: open/close	62*P/55*P	N
Workpiece weight	2.2	kg

Product properties	Parameter value	Unit
Continuation usage amount	45	cpm
Repeat accuracy	±0.02	mm
Air pressure	4~7	bar
Ambient temperature	-5~60	°C
IP grade	45	

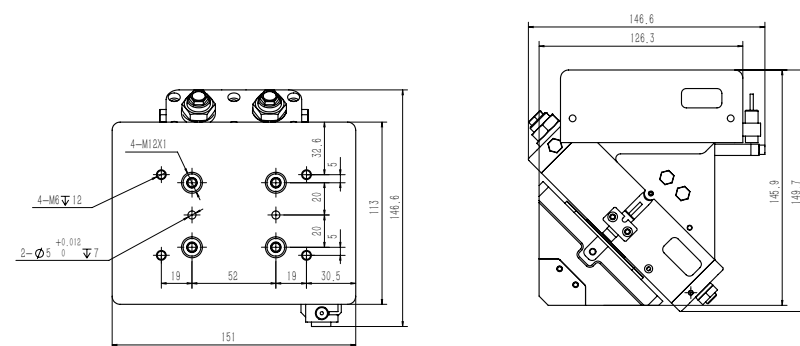
P: Air Pressure [bar]



TG25



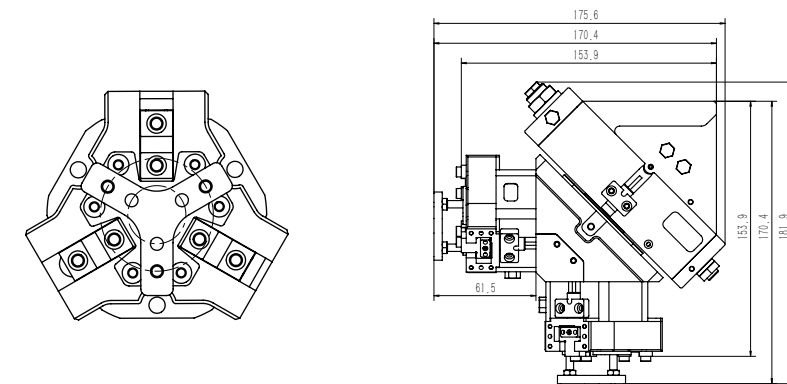
TG25-ZG25



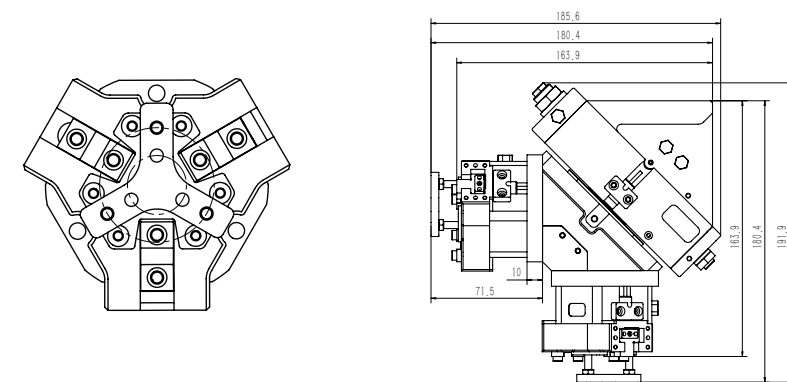
Accessory description:

ZG25 compensation unit, optionally installed in the gripping unit of the truss system, equipped with a push detection device, provides compensation for the device when the clamping workpiece is skewed, reduces the rigid impact on the workpiece and provides a certain thrust.

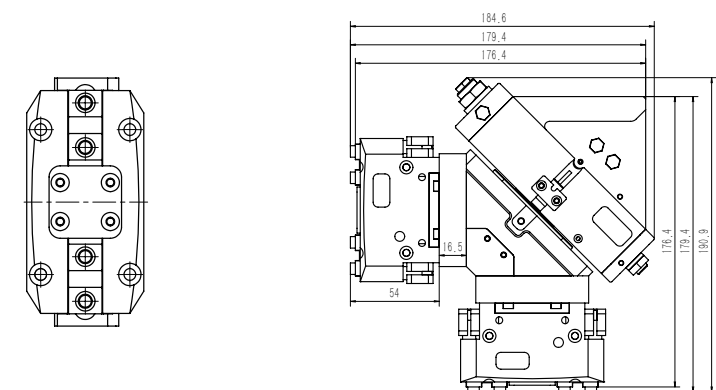
TG25-TZ42-76-0° Standard Installation



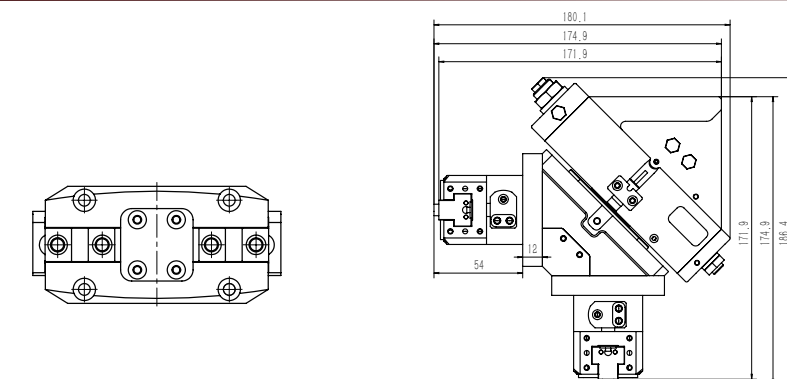
TG25-TZ42-76-180° Gripper spin

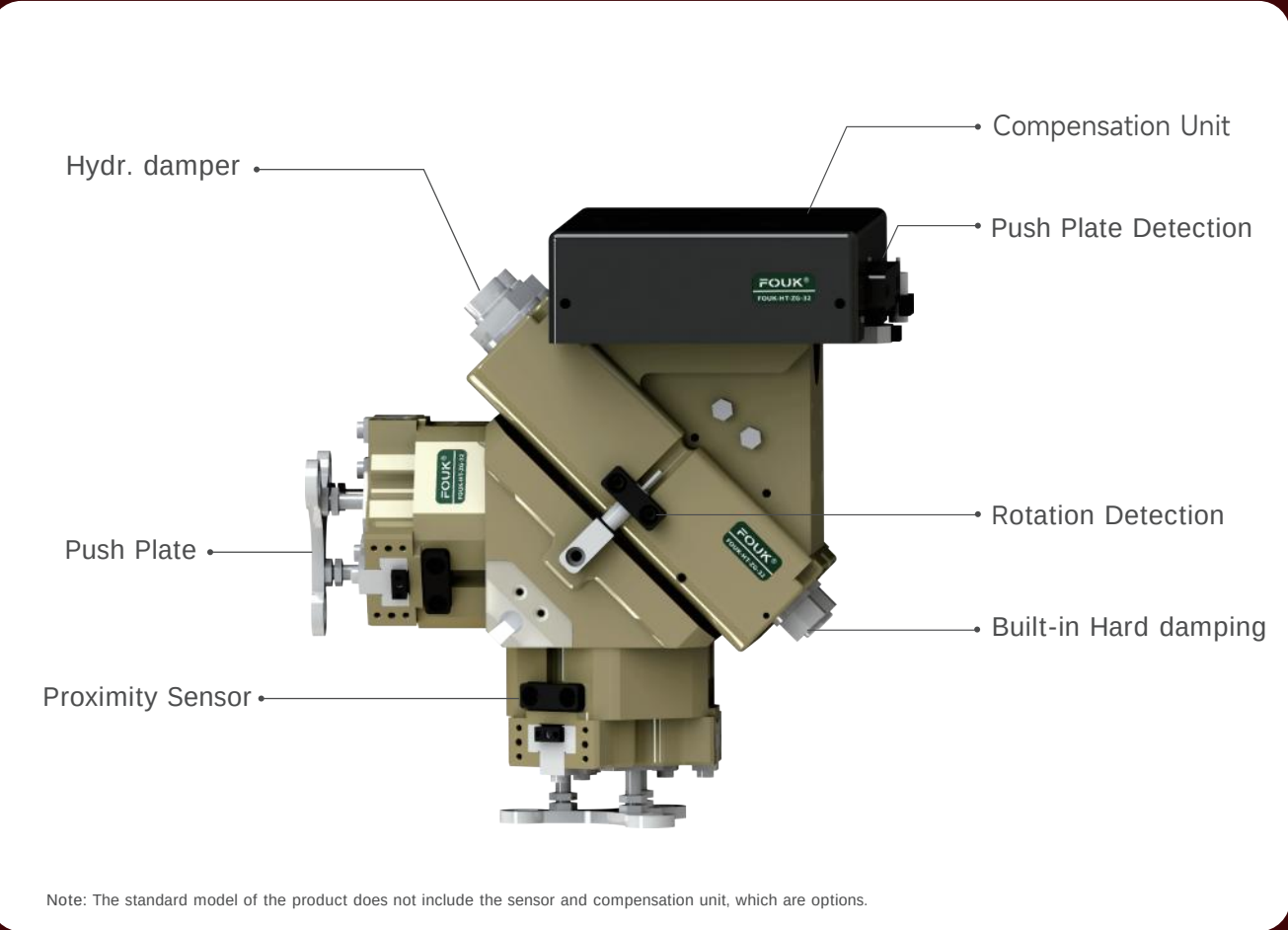


TG25-TR30-80-0° Standard Installation



TG25-TR30-80-90° Gripper spin





■ TG32 Technical parameter

Product properties	Parameter value	Unit
Actual torque	2.1xP	N·m
Single floor load	3	kg
Single maximum load	4	kg
Weight	4.8	kg
Turning time	0.5~1.2	sec
Shock absorber	M20	
Repetition accuracy	±0.05	mm
Air pressure	3~6	bar
Fitting size	G1/8+M5	
Ambient temperature	-5~60	°C
IP grade	65	

■ TZ55-94 Technical parameter

Product properties	Parameter value	Unit
Single stroke	8	mm
Weight	0.85	kg
Max. length attach	120	mm
Fitting size	M5	
Girpping force: Open/Close	200*P/186*P	N
Workpiece weight	5	kg

Product properties	Parameter value	Unit
Continuation usage amount	35	cpm
Repeat accuracy	±0.02	mm
Air pressure	3~7	bar
Ambient temperature	-5~60	°C
IP grade	45	

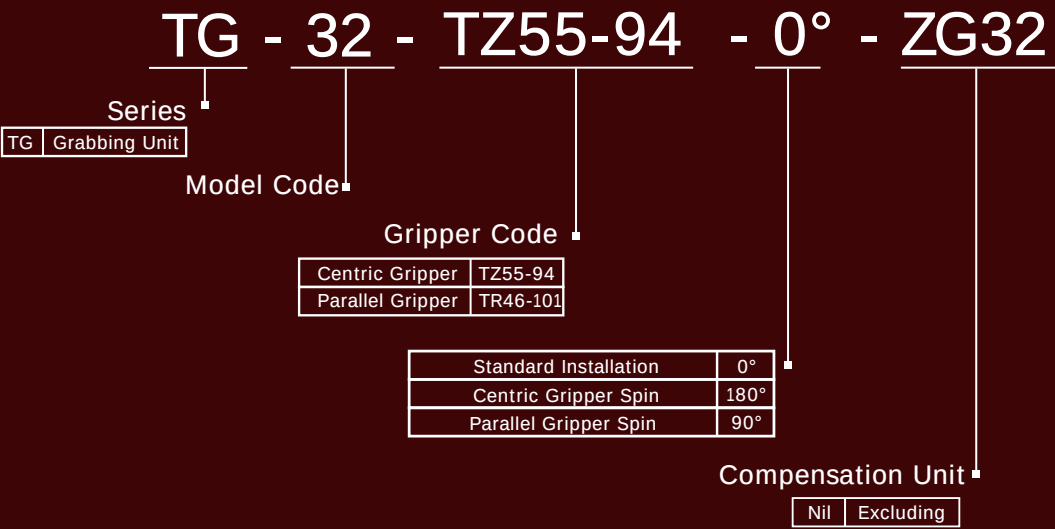
P: Air Pressure [bar]

■ TR46-101 Technical parameter

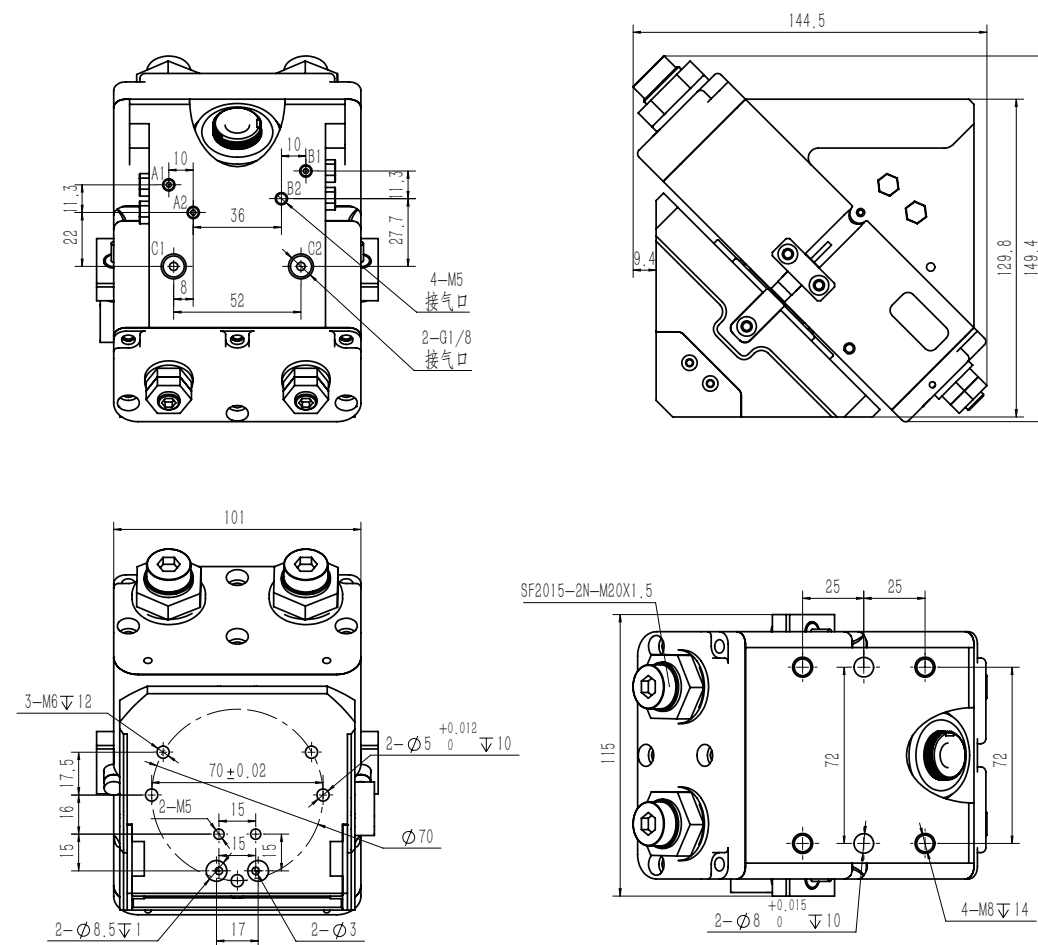
Product properties	Parameter value	Unit
Single stroke	10	mm
Weight	0.79	kg
Max. length attach	120	mm
Fitting size	M5	
Girpping force: open/close	140*P/124*P	N
Workpiece weight	4	kg

Product properties	Parameter value	Unit
Continuation usage amount	40	cpm
Repeat accuracy	±0.02	mm
Air pressure	3~7	bar
Ambient temperature	-5~60	°C
IP grade	45	

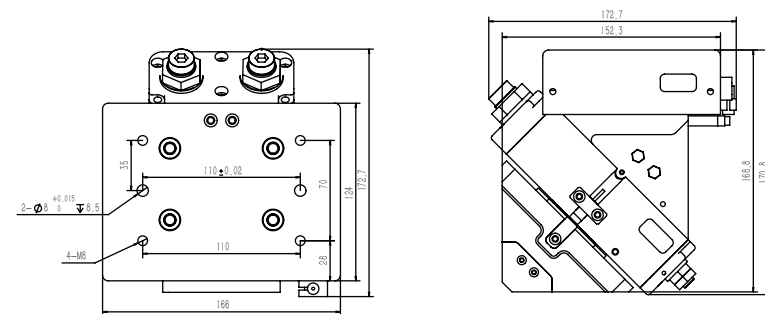
P: Air Pressure [bar]



TG32



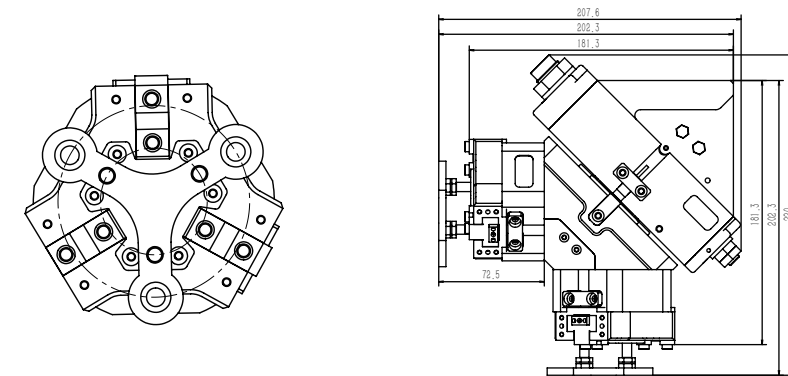
TG32-ZG32



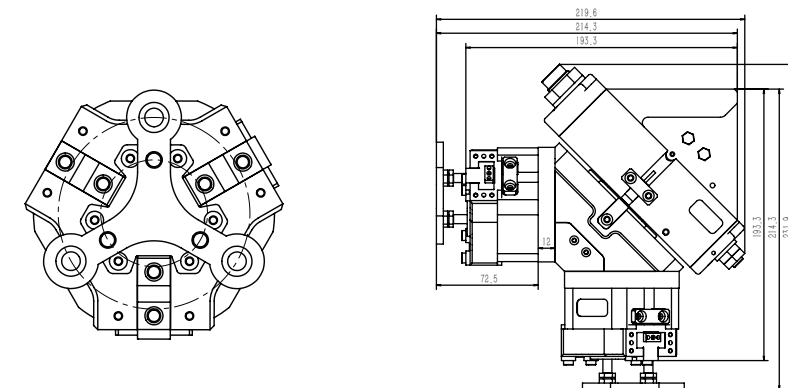
Accessory description:

ZG32 compensation unit, optionally installed in the gripping unit of the truss system, equipped with a push detection device, provides compensation for the device when the clamping workpiece is skewed, reduces the rigid impact on the workpiece and provides a certain thrust.

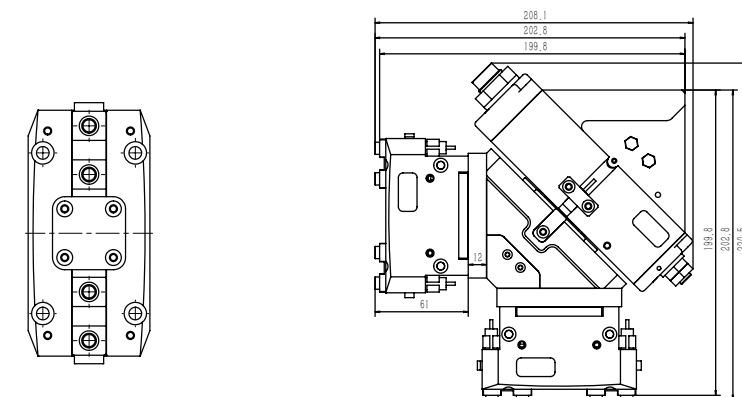
TG32-TZ55-94-0° Standard Installation



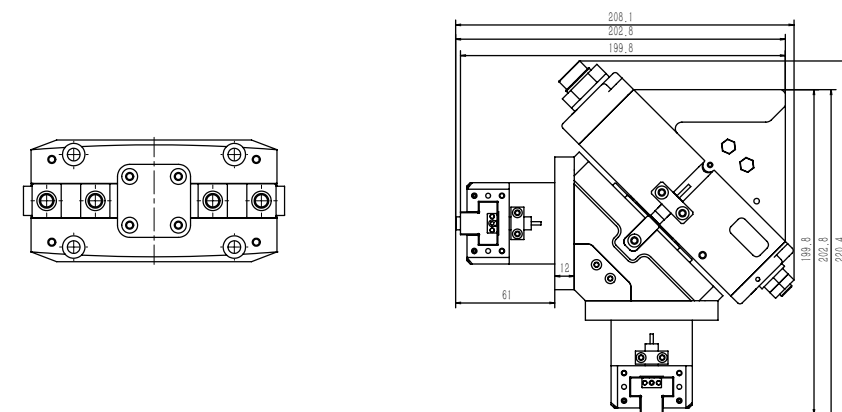
TG32-TZ55-94-180° Gripper spin

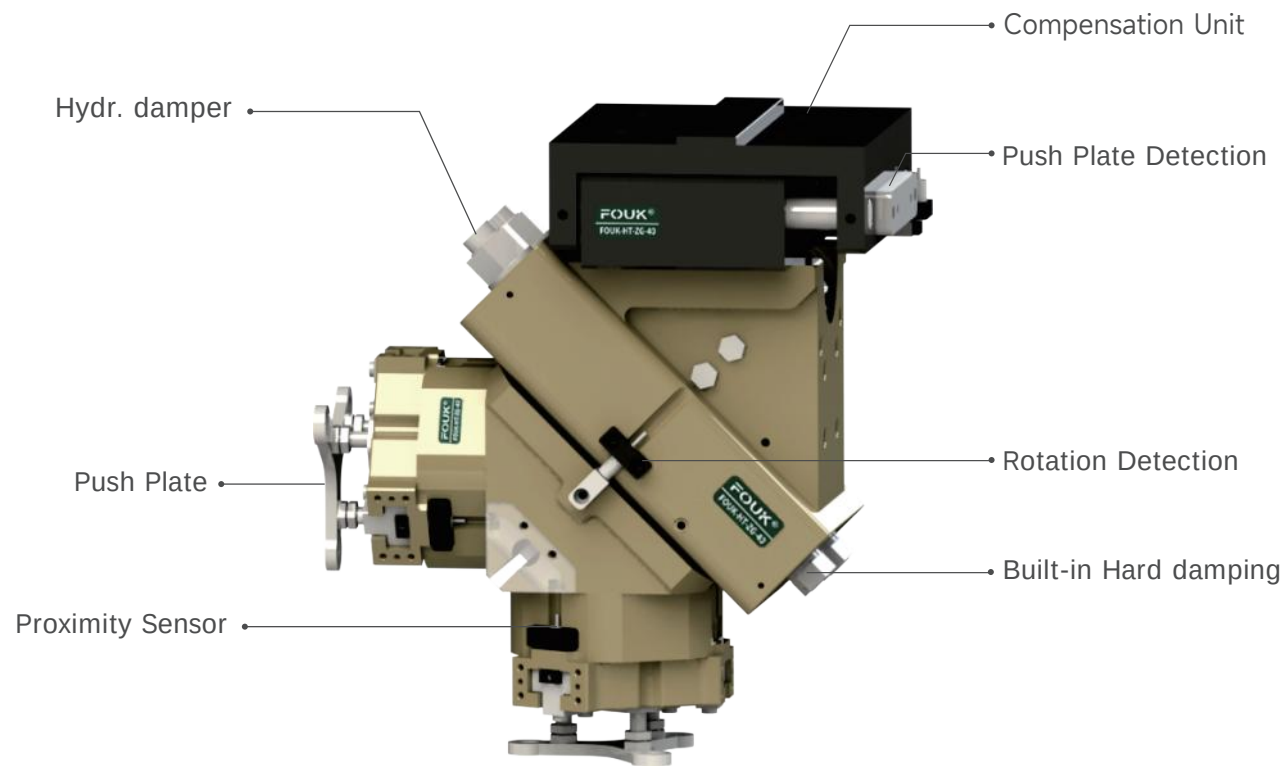


TG32-TR46-101-0° Standard Installation



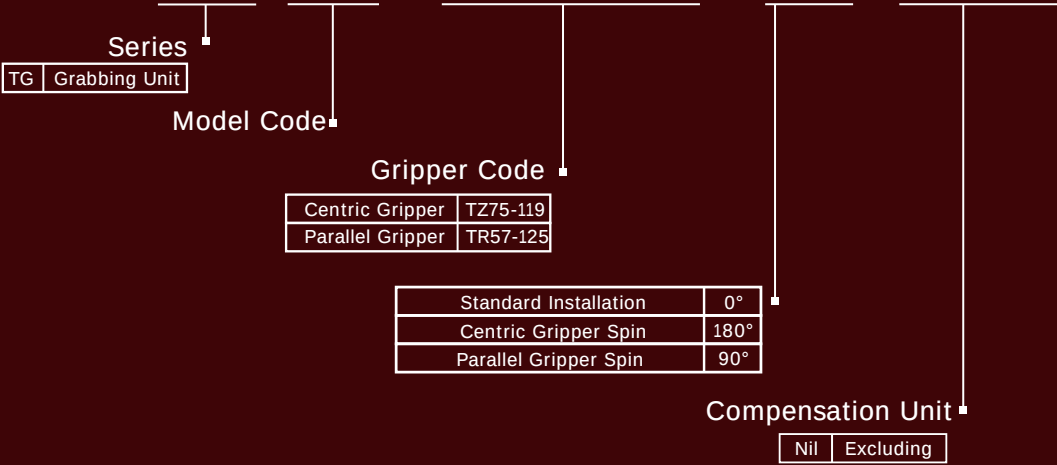
TG32-TR46-101-90° Gripper spin





Note: The standard model of the product does not include the sensor and compensation unit, which are options.

TG - 40 - TZ75-119 - 0° - ZG40



■ TG40 Technical parameter

Product properties	Parameter value	Unit
Actual torque	3.7xP	N·m
Single floor load	6.5	kg
Single maximum load	8	kg
Weight	9.9	kg
Turning time	1~1.5	sec
Shock absorber	M20	
Repetition accuracy	±0.05	mm
Air pressure	3~6	bar
Fitting size	G1/8	
Ambient temperature	-5~60	°C
IP grade	65	

■ TZ75-119 Technical parameter

Product properties	Parameter value	Unit
Single stroke	10	mm
Weight	1.6	kg
Max. length attach	140	mm
Fitting size	G1/8	
Girpping force: Open/Close	386*P/370*P	N
Workpiece weight	9	kg

Product properties	Parameter value	Unit
Continuation usage amount	30	cpm
Repeat accuracy	±0.03	mm
Air pressure	3~7	bar
Ambient temperature	-5~60	°C
IP grade	45	

P: Air Pressure [bar]

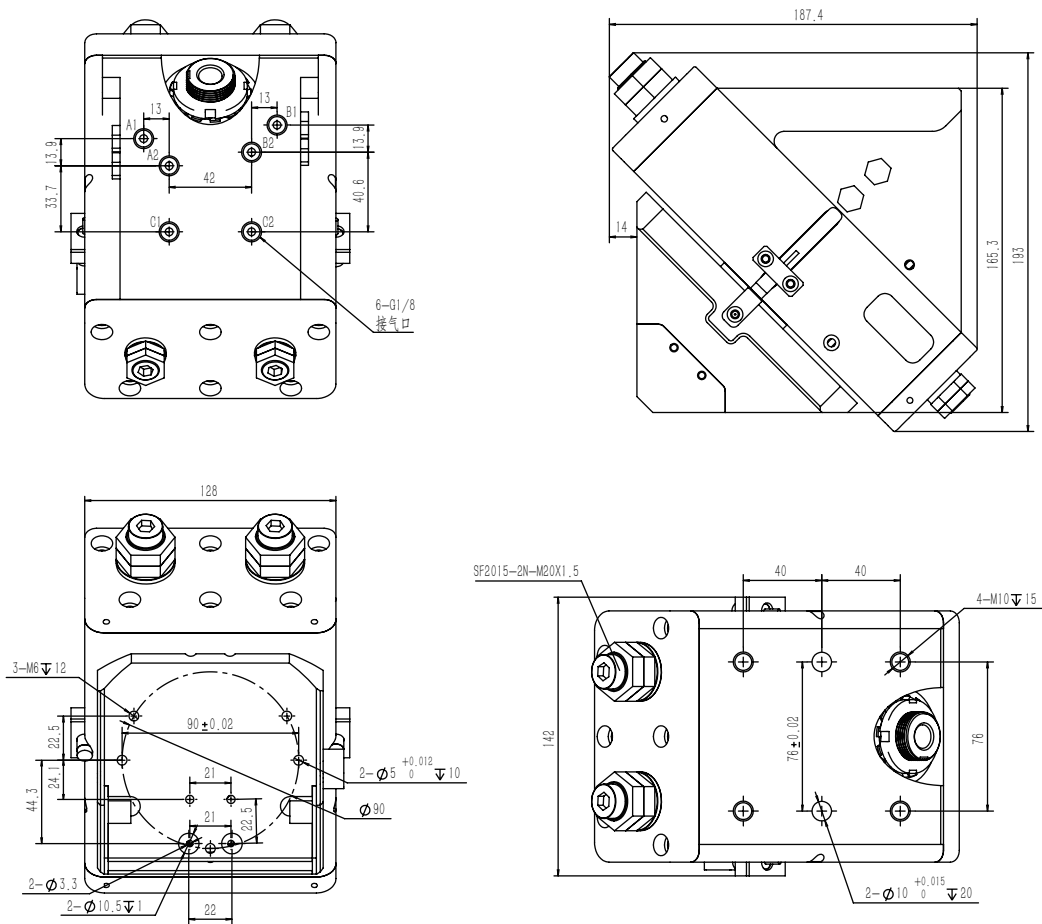
■ TR57-125 Technical parameter

Product properties	Parameter value	Unit
Single stroke	13	mm
Weight	1.35	kg
Max. length attach	140	mm
Fitting size	G1/8	
Girpping force: open/close	224*P/206*P	N
Workpiece weight	6	kg

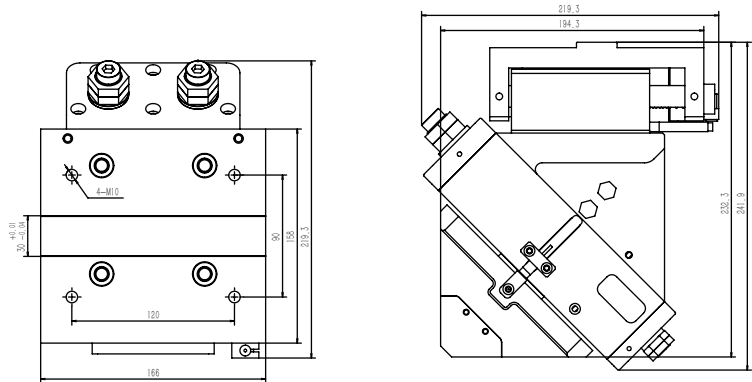
Product properties	Parameter value	Unit
Continuation usage amount	40	cpm
Repeat accuracy	±0.02	mm
Air pressure	3~7	bar
Ambient temperature	-5~60	°C
IP grade	45	

P: Air Pressure [bar]

TG40



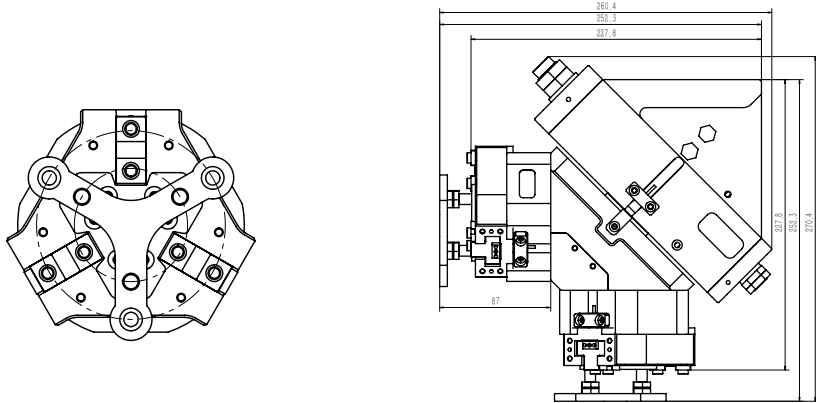
TG40-ZG40



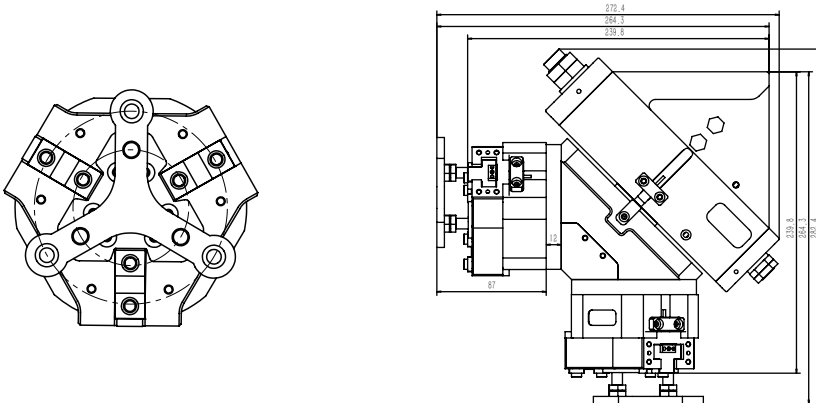
Accessory description:

ZG40 compensation unit, option ally installed in the gripping unit of the truss system, equipped with a push detection device, provides compensation for the device when the clamping workpiece is skewed, reduces the rigid impact on the workpiece and provides a certain thrust.

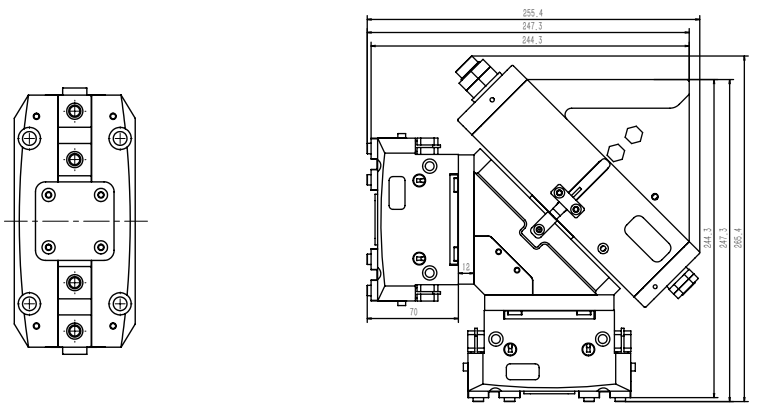
TG40-TZ75-119-0° Standard Installation



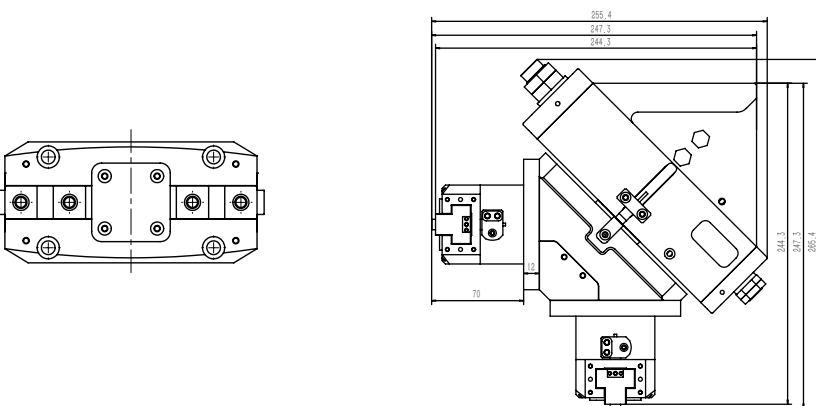
TG40-TZ75-119-180° Gripper spin

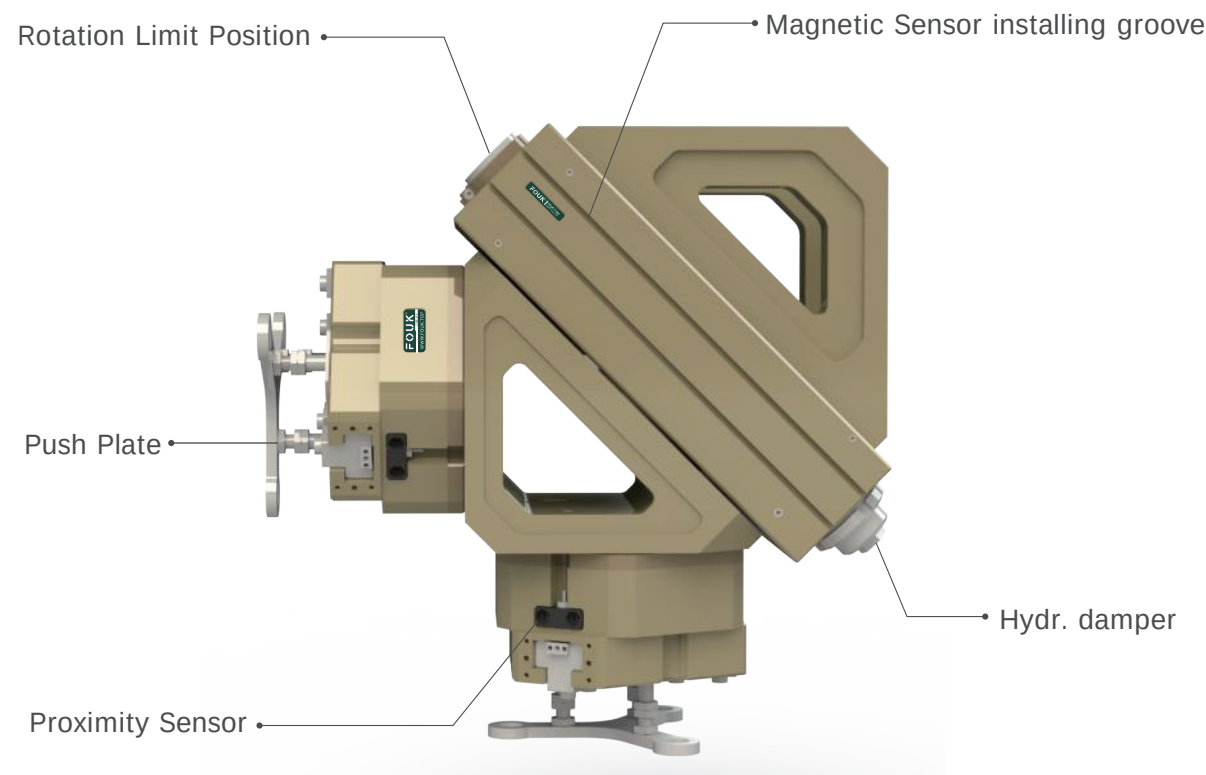


TG40-TR57-125-0° Standard Installation

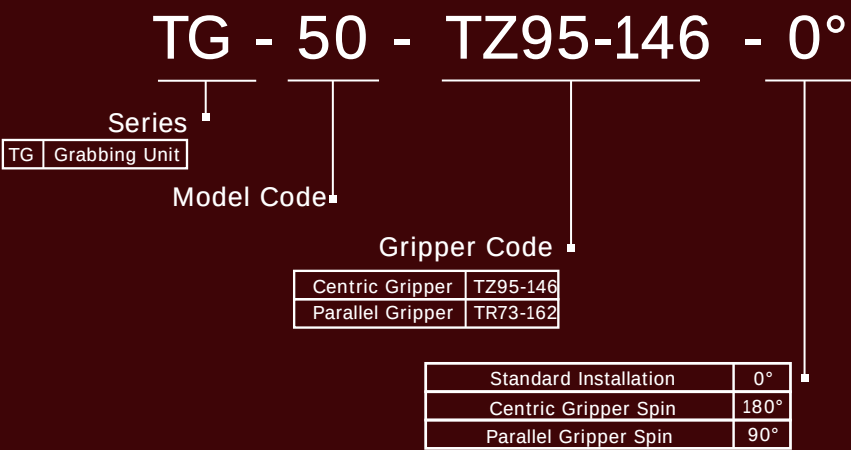


TG40-TR57-125-90° Gripper spin





Note: The standard model of the product does not include the sensor and compensation unit, which are options.



■ TG40 Technical parameter

Product properties	Parameter value	Unit
Actual torque	7.07xP	N·m
Single floor load	9	kg
Single maximum load	12	kg
Weight	15.2	kg
Turning time	1.5~4	sec
Shock absorber	M33	
Repetition accuracy	±0.05	mm
Air pressure	3~6	bar
Fitting size	G1/4	
Ambient temperature	-5~60	°C
IP grade	65	

■ TZ75-119 Technical parameter

Product properties	Parameter value	Unit
Single stroke	13	mm
Weight	2.9	kg
Max. length attach	180	mm
Fitting size	G1/8	
Girpping force: Open/Close	620*P/590*P	N
Workpiece weight	14	kg

Product properties	Parameter value	Unit
Continuation usage amount	20	cpm
Repeat accuracy	±0.03	mm
Air pressure	3~7	bar
Ambient temperature	-5~60	°C
IP grade	45	

P: Air Pressure [bar]

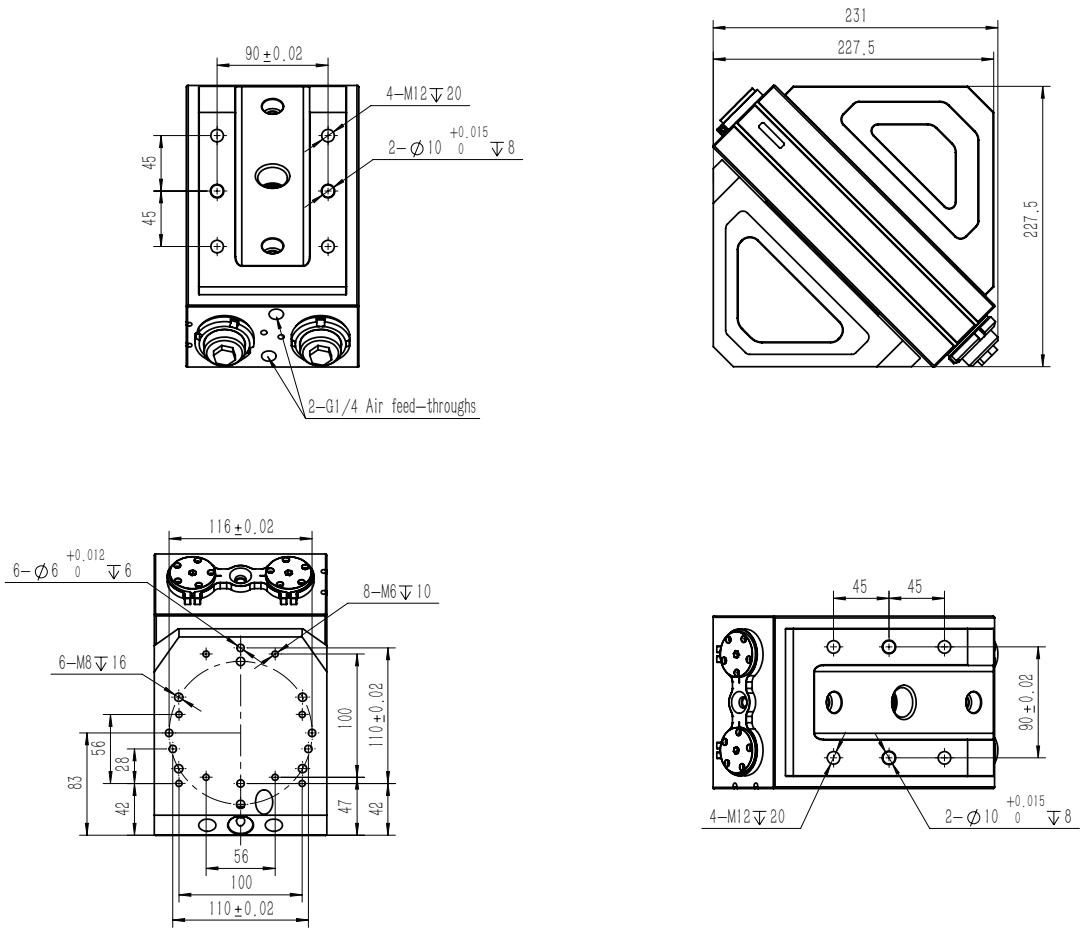
■ TR57-125 Technical parameter

Product properties	Parameter value	Unit
Single stroke	16	mm
Weight	2.6	kg
Max. length attach	180	mm
Fitting size	G1/8	
Girpping force: open/close	360*P/330*P	N
Workpiece weight	10	kg

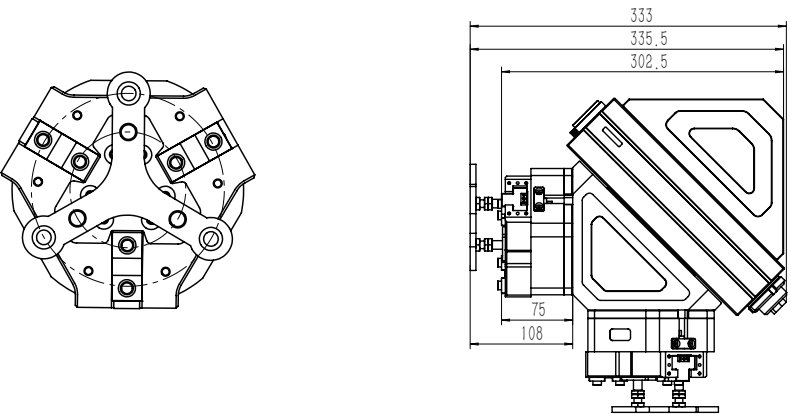
Product properties	Parameter value	Unit
Continuation usage amount	25	cpm
Repeat accuracy	±0.03	mm
Air pressure	3~7	bar
Ambient temperature	-5~60	°C
IP grade	45	

P: Air Pressure [bar]

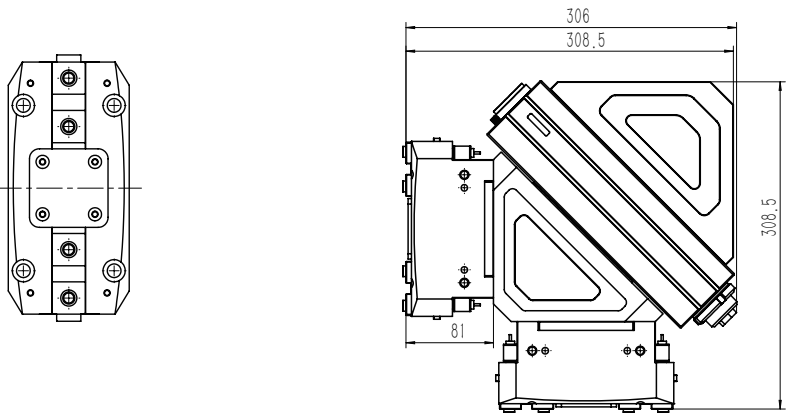
TG50



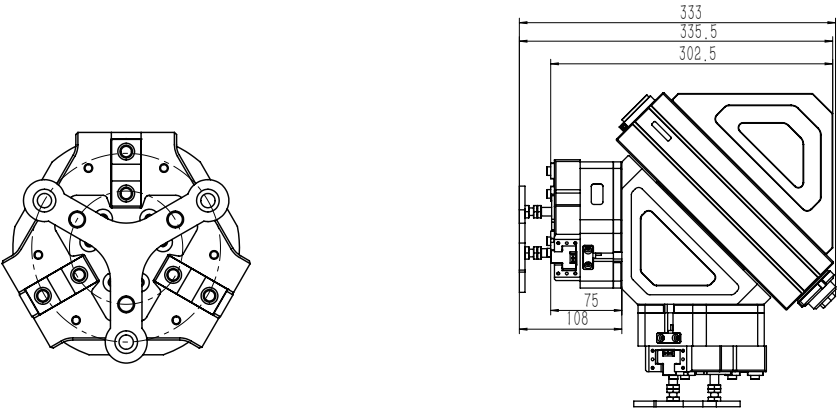
TG50-TZ95-146-180° Gripper spin



TG50-TR73-162-0° Standard Installation



TG50-TZ95-146-0° Standard Installation



TG50-TR73-162-90° Gripper spin

