

PTSW2

SWING CLAMPS (Spiral-Acting)

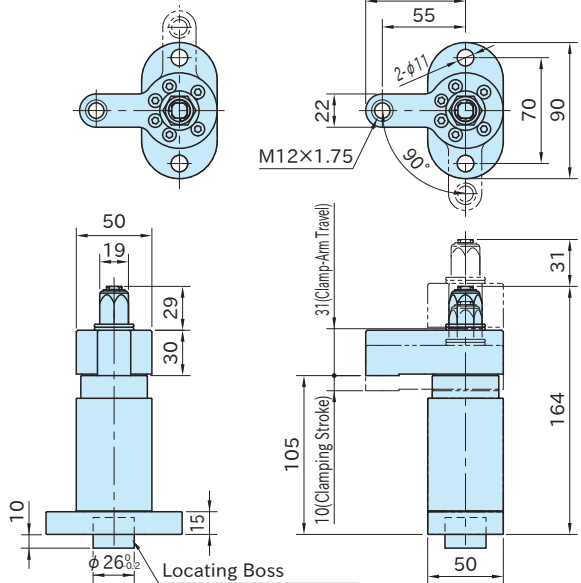


Without Clamp Arm

Body / Clamp-Arm Holder / Hex. Head	Clamp Arm
SCM440 steel Quenched and tempered Black oxide finish	S45C steel Quenched and tempered Black oxide finish

Counterclockwise Clamping

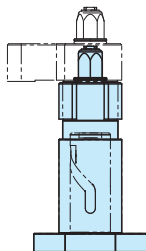
Clockwise Clamping



Note: Use when locating clamps is required in the robotized production line.

Feature

The inside spiral groove allows the clamp arm to swing positively.



■ With Clamp Arm

Part Number	Clamping Force (kN)	Allowable Screw Torque (N·m)	Clamping Direction	Weight (kg)
PTSW2-12R	6	28	CW	2
PTSW2-12L			CCW	

■ Without Clamp Arm

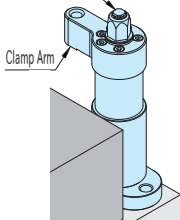
Part Number	Clamping Force (kN)	Allowable Screw Torque (N·m)	Clamping Direction	Weight (kg)
PTSW2-12NR	6	28	CW	1.6
PTSW2-12NL			CCW	

Note: If you prepare a custom clamp arm, contact us for the dimensional information on its mounting section. Note that custom clamp arms made by yourselves may cause clamping force to be increased or decreased.

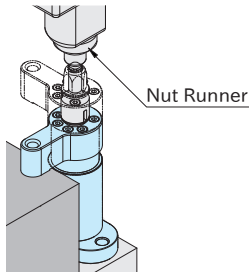


How To Use

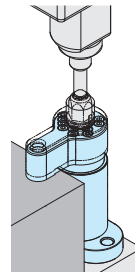
Hex. Head



1. Unclamped Mode
Load or unload a workpiece.



2. Ready-To-Clamp Mode
When the hex. head is turned by a nut runner, the clamp arm swings fast to the clamping position.



3. Clamping Mode
The clamp arm moves down for clamping. Using a nut runner allows completing positive clamping in a few seconds.

Note

A torque-settable impact wrench may also be used to operate these clamps.