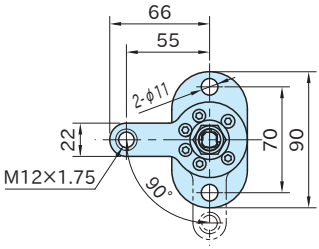
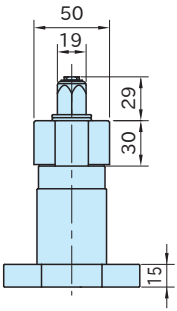
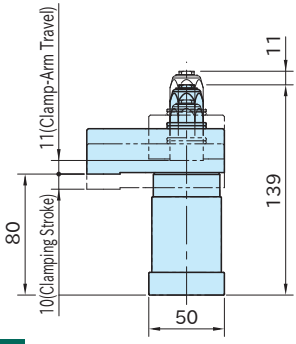
PTSW1 SWING CLAMPS (Quick-Acting)

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

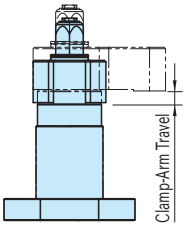






Feature

・The clamp arm swings in swift response to the turning speed of an impact wrench, for quick clamping.
・A short clamp-arm travel allows quick clamping.



Note:For robotized production lines, use Spiral-Acting Swing Clamps.

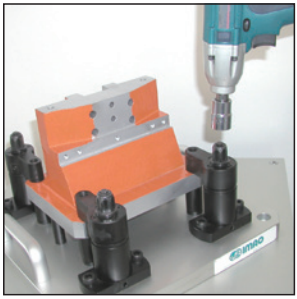
■With Clamp Arm

Part Number	Clamping Force(kN)	Allowable Screw Torque (N・m)	Clamping Direction	Weight (kg)
PTSW1-12R	6	28	CW	1.6

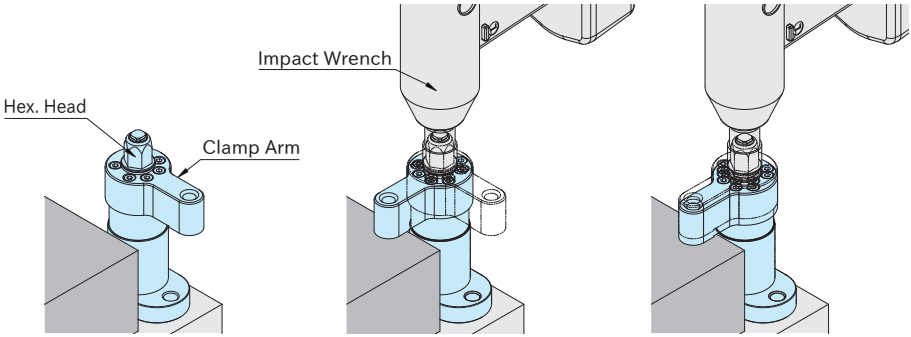
■Without Clamp Arm

Part Number	Clamping Force(kN)	Allowable Screw Torque (N・m)	Clamping Direction	Weight (kg)
PTSW1-12NR	6	28	CW	1.2

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



1. Unclamped Mode
Load a workpiece.

2. Ready-To-Clamp Mode
When the hex. head is turned by an impact wrench, the clamp arm swings fast to the clamping position.

3. Clamping Mode
The clamp arm moves down for clamping. Using an impact wrench allows completing positive clamping in a few seconds.

Note

・Do not use applying higher torque than allowable for a long period of time, to avoid damage. Using a torque-settable impact wrench is recommended.
・Use PTSW2 in robotized production lines.