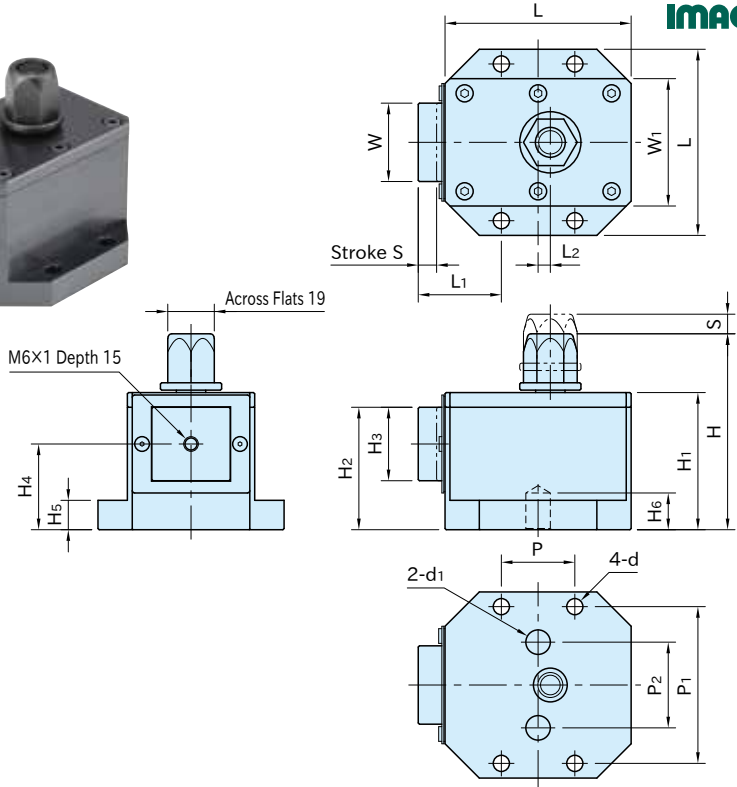


# PTSC1

# NUTRUNNER SIDE CLAMPS



★ **Key Point**  
 Easy operation with hex head on top

Body/Jaw/Wedge	Hex. Head/Clamping Screw	Cover Plate
SCM440 steel Quenched and tempered Black oxide finished	SCM435 steel Quenched and tempered Black oxide finished	S45C steel Quenched and tempered Black oxide finished

Part Number	S	W	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	L <sub>1</sub>	L	H <sub>5</sub>	d	P	P <sub>1</sub>	H	H <sub>1</sub>	W <sub>1</sub>
<b>PTSC1-12</b>	8	32	50	30	35	34	76	12	6.6	30	64	80	56	52
<b>PTSC1-16</b>	11	42	65	40	45	44.5	100	15	9	40	85	97	73	68

Part Number	d <sub>1</sub>	H <sub>6</sub>	P <sub>2</sub>	L <sub>2</sub>	Clamping Force (kN)*	Allowable Tightening Torque (N·m)*	Weight (kg)
<b>PTSC1-12</b>	10	15	35	5	6	27	1.8
<b>PTSC1-16</b>	16	16	45	8	10	55	4

\*) To operate with an impact wrench, use less than 50% of the clamping force and allowable tightening torque.  
 If this product is operated with a nut runner and the nut is turned to the stop on the unclamping side, the tightening torque should be 50% or less of the allowable tightening torque.

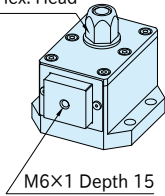
### Supplied With

- PTSC1-12]: 2 of parallel pin  $\phi 10$ (h7)×30L
- PTSC1-16]: 2 of parallel pin  $\phi 16$ (h7)×30L

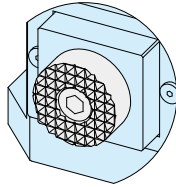
## Feature

- Hex. head for operation is located on the top for easy access of nut runners.
- Grippers can be mounted in the M6 tapped hole on the jaw.

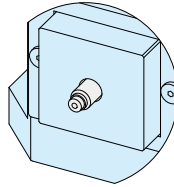
Hex. Head



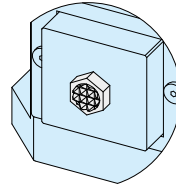
M6×1 Depth 15



C'Bored Gripper



Screw Gripper



Hex. Head Gripper

## Reference

The following grippers are applicable to this product.

### ■ C'Bored Gripper

· **HS-C** ROUND GRIPPERS, C'Bored

· **HS-C** SQUARE GRIPPERS, C'Bored

### ■ Screw Gripper

· **PCS** POINTED TIP SCREWS

· **RCS** ROUND TIP SCREWS

### ■ Hex. Head Gripper

· **CT** ROUND GRIPPERS

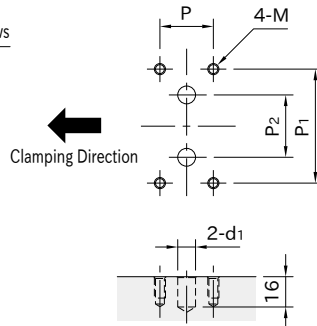
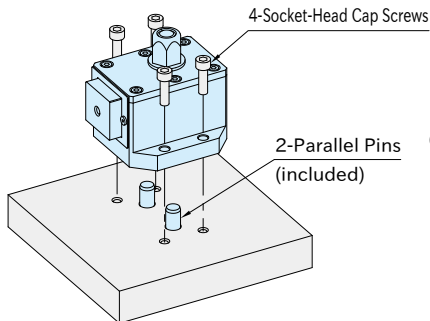
## Note

This clamp can be operated with an impact wrench.  
Use an impact wrench that can set the tightening torque.

## How To Use

- Ideal for use with a nut runner for automated production line.
- This clamp can be also tightened manually.

## ■ Mounting Hole Dimension



Part Number	M	P	P <sub>1</sub>	d <sub>1</sub> ( <sup>+0.3</sup> / <sub>+0.1</sub> )	P <sub>2</sub> (±0.1)
<b>PTSC1-12</b>	M6×1	30	64	10	35
<b>PTSC1-16</b>	M8×1.25	40	85	16	45