# PTSC1 NUTRUNNER SIDE CLAMPS




★Key Point
Easy operation with hex head on top

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

| Part Number | S | W | $H_2$ | $H_3$ | $H_4$ | $L_1$ | L | $H_5$ | d | P | $P_1$ | H | $H_1$ | $W_1$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PTSC1-12** | 8 | 32 | 50 | 30 | 35 | 34 | 76 | 12 | 6.6 | 30 | 64 | 80 | 56 | 52 |
| **PTSC1-16** | 11 | 42 | 65 | 40 | 45 | 44.5 | 100 | 15 | 9 | 40 | 85 | 97 | 73 | 68 |

| Part Number | $d_1$ | $H_6$ | $P_2$ | $L_2$ | Clamping Force (kN) *) | Allowable Tightening Torque (N·m) *) | Weight (kg) |
|---|---|---|---|---|---|---|---|
| **PTSC1-12** | 10 | 15 | 35 | 5 | 6 | 27 | 1.8 |
| **PTSC1-16** | 16 | 16 | 45 | 8 | 10 | 55 | 4 |

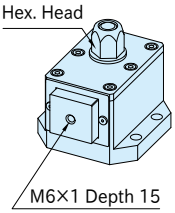
*) To operate with an impact wrench, use less than 50% of the clamping force and allowable tightening torque.

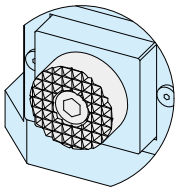
## Supplied With

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

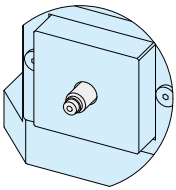
## Feature

・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.

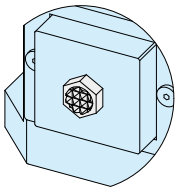


C'Bored Gripper



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

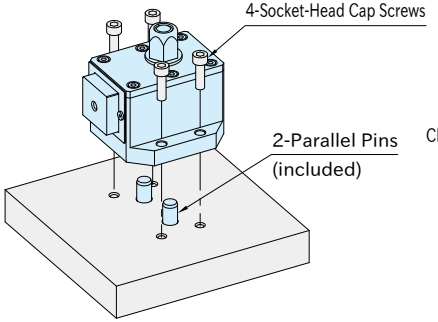
## Note

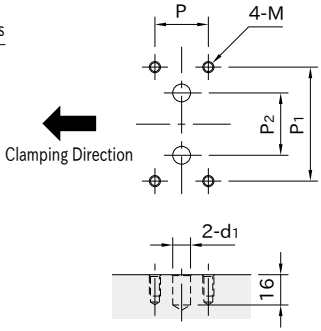
This clamp can be operated with an impact wrench. Use an impact wrench that can set the tightening torque.

## 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 | $P_1$ | $d_1$ $(^{+0.3}_{+0.1})$ | $P_2$ (±0.1) |
|---|---|---|---|---|---|
| **PTSC1-12** | M6×1 | 30 | 64 | 10 | 35 |
| **PTSC1-16** | M8×1.25 | 40 | 85 | 16 | 45 |