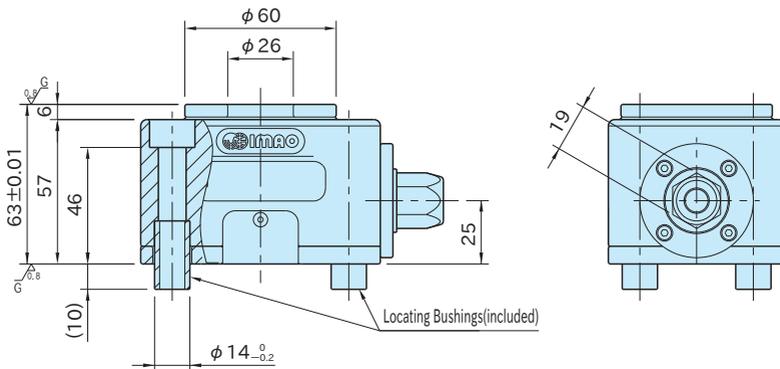
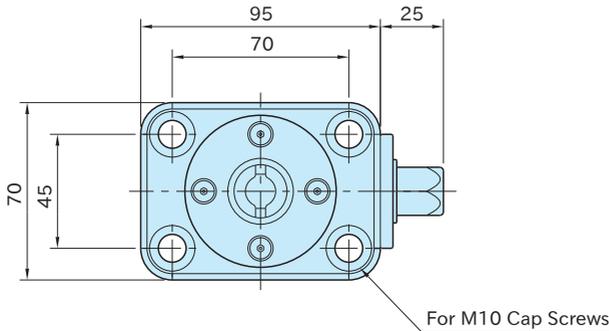




Body	Contact Pad	Locating Bushing
S45C steel Black oxide finish	SCM440 steel Quenched and tempered Black oxide finish	SCM435 steel Quenched and tempered Black oxide finish



Part Number	Weight (kg)
PTPD12	2.3

Options of Operating Tool	Clamping Force (kN)	Allowable Screw Torque(N·m)
Spanner or Socket Wrench	12	40
Nut Runner (for robotization)		
Impact Wrench	6	20

Note

Do not use applying a greater torque than allowable for a long period of time, to avoid damage. When an impact wrench is used, the torque-settable type is recommended.

Related Product

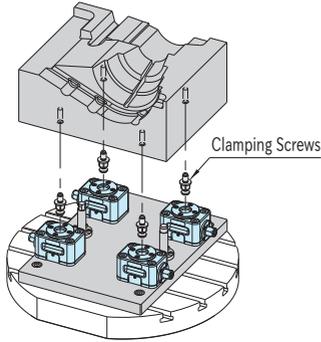
[PTPD-M](#) Clamping Screws

Feature

Clamp the workpiece from bottom.

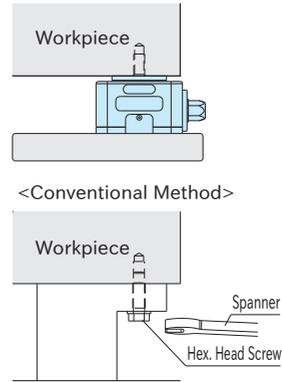
■ Ideal for 5-Axis Machining

Block Pull Clamps mount under a workpiece making its surfaces to be machined fully open for the cutting tool. This allows completing multiple machining processes at a time.



■ Better Workability

Block Pull Clamps allow fastening a workpiece easily, unlike the conventional method of fastening with hexagon head screws from below.



How To Use

In addition to tightening with wrench, this clamp can be operated with nut runner for automation and impact wrench for lower workload.

■ Spacing Between Two Clamping-Screw Holes

Recommended Tolerance : ± 0.3
(Tapped Hole)

Locating repeatability in using Block Pull Clamps alone is ± 0.3 .

Note: Install locating pins for better accuracy, as shown above.

*) To remove metal chips in the mechanism, take off the side covers and blow air from above.