CP152

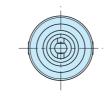
CLAMPING MODULES (Single)

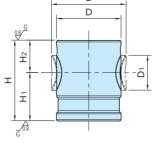
R##S

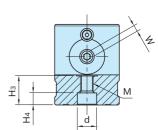




CP152 -06032







CP152 -08050, 12080, 16100

Body	Clamping Nut	Locking Screw
SCM440 steel Induction hardene Black oxide finishe Precision ground	() anched and tempered	SCM435 steel Quenched and tempered Black oxide finished

Part Number	D	H (±0.01)	D ₁	L	H ₁	H ₂	Нз	d (H7)	H ₄	М	W
CP152-06032	30	32	15	34.5	19.5	12.5	11.5	8	5	M 6×1	3
CP152-08050	40	50	22	46	30	20	18	12	7.5	M 8×1.25	4
CP152-12080	60	80	32	69	50	30	25	18	10.5	M12×1.75	6
CP152-16100	80	100	44	91	60	40	31	22	12.5	M16×2	8

Part Number Clamping Force (kN)		Allowable Screw Torque (N·m)	Weight (kg)	
CP152-06032	5	4	0.2	
CP152-08050	8	8	0.5	
CP152-12080	15	22	1.6	
CP152-16100	25	50	3.8	

Related Product

- · CP150 Clamping Modules (Flanged)
- · CP151 Clamping Modules (Double)
- · CP155-L Tapered Clamping Screws (Round)
- · CP155-D Tapered Clamping Screws (Diamond)
- · CP156 Clamping Screws
- · CP159 Locating Bushings

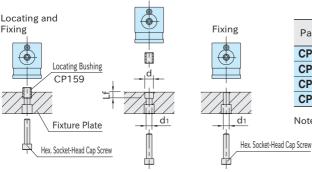
Technical Information

Allowable Cutting Force & Workpiece Weight of CLAMPING MODULES

How To Use

- ·Use CP159 Locating Bushing for precise locating.
- ·Use only hex. socket-head cap screw just for fixing.

■Mounting-Hole Dimension



Part Number	d (H7)	Lf	d ₁	
CP152-06032	8	6.5	6	
CP152-08050	12	8.5	8	
CP152-12080	18	12.5	12	
CP152-16100	22	16.5	16	

Note:Only c'bored hole is required just for fixing.

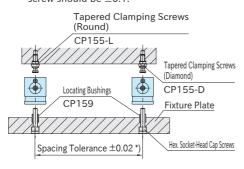
■Spacing Tolerance

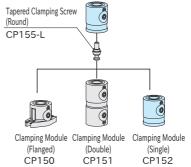
Spacing tolerance for CP159 Locating Bushings should be $\pm 0.02. \label{eq:cp159}$

*) Spacing tolerance for hex. socket-head cap screw should be ± 0.1 .

■ Coupling with Other Clamping Modules

Can be coupled with each Clamping Module. $\langle \text{Locating Repeatability is 5 } \mu \text{m} \rangle$





■Tightening Order

Tighten the locking screws in order of 1(Round Tapered Clamping Screw)→ 2(Diamond Tapered Clamping Screw)→3(Clamping Screw)→4(Clamping Screw). Note: For CP152 -06032, use 2 pieces of Round Tapered Clamping Screw.

Tighten these 2 screws in the same order to maintain the locating repeatability.

