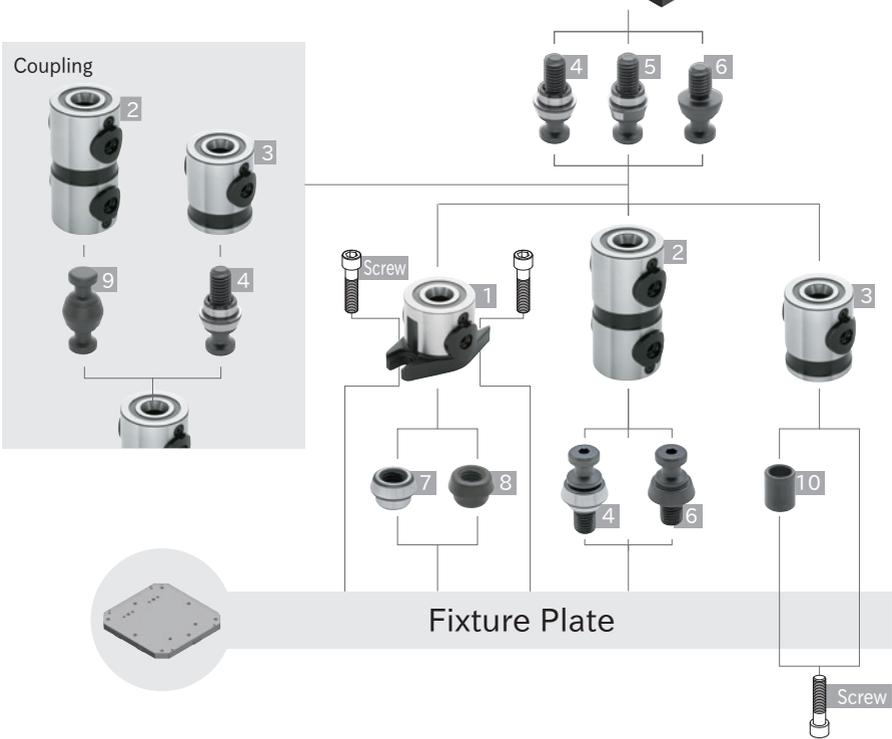


How To Use Modular Pull Clamping System

Assembly Chart

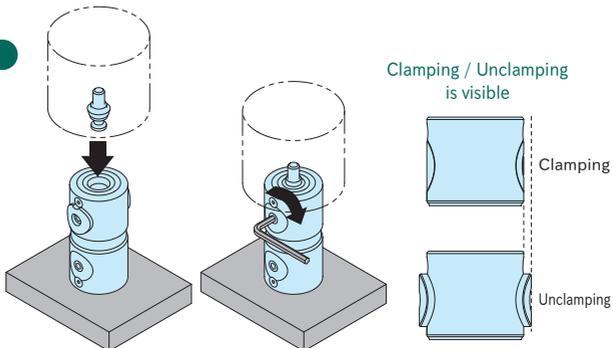
The system consists of 10 kinds of components. Please refer to the table on the next page for details of each component.



Fixture Plate

Operation

Install clamping screw on the workpiece and mount it on clamping module. Tighten the locking screws on the side of clamping module.



Clamping Modules



Part Number	Diameter (mm)	Height (mm)	Clamping Force (kN)
CP150-06025	30	25	5
CP150-08040	40	40	8
CP150-12063	60	63	15
CP150-16080	80	80	25

Part Number	Diameter (mm)	Height (mm)	Clamping Force (kN)
CP151-06050	30	50	5
CP151-08080	40	80	8
CP151-12125	60	125	15
CP151-16160	80	160	25

Part Number	Diameter (mm)	Height (mm)	Clamping Force (kN)
CP152-06032	30	32	5
CP152-08050	40	50	8
CP152-12080	60	80	15
CP152-16100	80	100	25

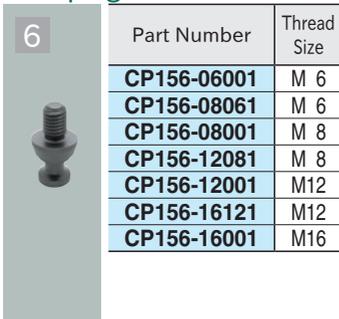
Tapered Clamping Screws



Part Number	Thread Size	Workpiece Locating Repeatability
CP155-06001L	M 6	5μm
CP155-08061L	M 6	
CP155-08001L	M 8	
CP155-12081L	M 8	
CP155-12001L	M12	
CP155-16121L	M12	
CP155-16001L	M16	

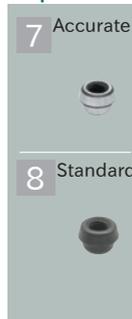
Part Number	Thread Size	Workpiece Locating Repeatability
CP155-08061D	M 6	5μm (Should be used with round type.)
CP155-08001D	M 8	
CP155-12081D	M 8	
CP155-12001D	M12	
CP155-16121D	M12	
CP155-16001D	M16	

Clamping Screws



Part Number	Thread Size
CP156-06001	M 6
CP156-08061	M 6
CP156-08001	M 8
CP156-12081	M 8
CP156-12001	M12
CP156-16121	M12
CP156-16001	M16

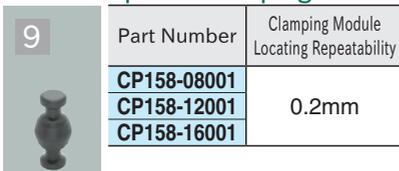
Tapered Bushings



Part Number	Clamping Module Locating Repeatability
CP157-06001L	5μm
CP157-08001L	
CP157-12001L	
CP157-16001L	

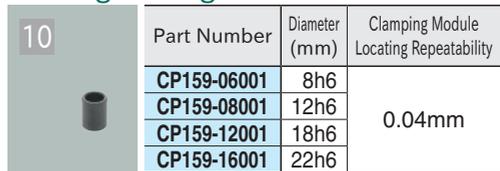
Part Number	Clamping Module Locating Repeatability
CP157-06001S	0.1mm
CP157-08001S	
CP157-12001S	
CP157-16001S	

Double Tapered Clamping Pins



Part Number	Clamping Module Locating Repeatability
CP158-08001	0.2mm
CP158-12001	
CP158-16001	

Locating Bushings



Part Number	Diameter (mm)	Clamping Module Locating Repeatability
CP159-06001	8h6	0.04mm
CP159-08001	12h6	
CP159-12001	18h6	
CP159-16001	22h6	