
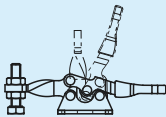

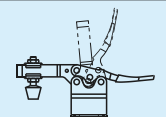

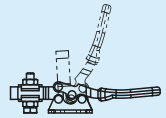

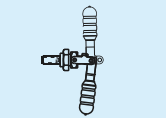

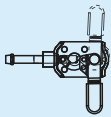

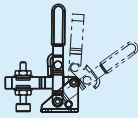

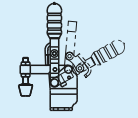

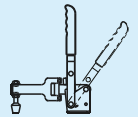

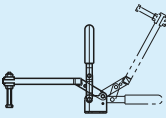

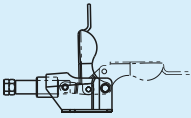

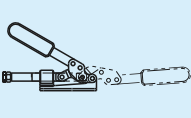

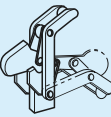


Toggle Clamps - Overview

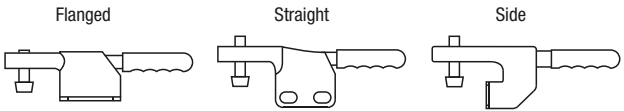
MISUMI toggle clamps are offered in a wide variety of shapes such as Hold Down Types (Vertical / Horizontal Handle) and Side Push Types.
Suitable for inspection, welding, assembly and machining fixtures.

Selection Table

For Clamping Force (Force to Hold Down), Distance to the Workpiece (Stroke, Arm Height and Length) and Material (Steel, Stainless Steel), refer to the information below and see each product page.

Configurations		Appearance	When Clamped (Solid Line) / When Unclamped (Dotted Line)	Features	Mount Type *
Hold Down Horizontal Handle	Standard Handle			<ul style="list-style-type: none">Low Profile DesignSelectable from Flange, Straight and Side Mount Types according to the installation space and the shape.	Flanged Straight Side
	Standard Handle High Arm Type			<ul style="list-style-type: none">High Arm TypeArm positions higher than those of the conventional clamps eliminate the need for risers for taller workpieces.	Flanged
	Long Handle			<ul style="list-style-type: none">Longer handles provide more safety resulting in improved operability.	Flanged
Push-Pull Free Mounting Direction				<ul style="list-style-type: none">Handles are mountable at any desired positions and angles.	- (Mounted with a bracket held by a hex nut and a threaded sleeve.)
Horizontal				<ul style="list-style-type: none">Small clamps for light-duty operations.Horizontally-moving handles are effective when there is an obstacle above.	Flanged
Hold Down Vertical Handle	Standard			<ul style="list-style-type: none">Most widely used in inspection and welding fixtures for automotive and aerospace industries.90° or more arm open-close angle* secures enough space to remove workpieces when unclamped.* Except MC04-6 series.Selectable from Flange and Straight Types according to the installation space and the shape.	Flanged Straight
	High Arm Type			<ul style="list-style-type: none">High Arm TypeArm positions higher than those of the conventional clamps eliminate the need for risers for taller workpieces.	Flanged
	Two-Pronged Clamp Arms			<ul style="list-style-type: none">Two clamping positions at a time enhance operability and save space.	Flanged
	Long Arm			<ul style="list-style-type: none">Long ArmSuitable for clamping a workpiece from a distance.	Flanged Straight
Side Push	Standard			<ul style="list-style-type: none">Suitable for clamping a workpiece from the side.Available in a wide range of clamping forces, strokes and mounting types including compact and lightweight types.	Flanged
	Stroke Smooth			<ul style="list-style-type: none">Suitable for clamping a workpiece from the side.Built-in Oil Free Bushing requires no lubrication, and enables smooth strokes.	Flanged
Weld-On				<ul style="list-style-type: none">Assembly-required Clamps.Suitable for various purposes since arms and handles can be welded in desired angles.	Flanged Straight

* Mounted Views



Tightening Force (N)	Hold Down		Side Push		Material		Part Number	Page
	Arm Length	Arm Height (from Mounting Surface)	Stroke	Shaft Height (from Mounting Surface)	Main Body			
					Steel	Stainless Steel		
196~5000	17.6~108.3	7.7~50	-	-	○	○	MC01-□□	P.1795~1797 P.1799, 1800
900~2270	56.9~71.65	41.6~54.1	-	-	○	-	MC01H-□□	P.1796
264~882	21~57	7.7~25	-	-	○	-	MC01L-□□	P.1798
900~3138	-	-	20.34~66.7	-	○	○	MC02-□□	P.1801
450~500	-	-	16~17	10~12.7	○	○	MC03-□□	P.1801
294~4000	24~120	16~97	-	-	○	○	MC04-□□	P.1802, 1803 P.1804~1808
910	34.5	42.2	-	-	○	-	MC04H-2	P.1808
800~1500	150	50	-	-	○	-	MC05-1	P.1809
186~3700	51~264	16~88	-	-	○	-	MC04-□L MC04-□LS MC06-1 LN2BS	P.1804, 1805, 1809
490~16000	-	-	10~80	14~60	○	○	MC07-□□	P.1810~1813
1960	-	-	30	20	○	-	MC08-1	P.1813
1960~9800	-	-	-	-	○	-	MC09-□□	P.1814