Toggle Clamps / Two-Pronged Fittings

Hold Down, Vertical Handle, Two-Pronged (Flange Base) / Long Arm (Flange Base)

Hold Down, Vertical Handle, Two-Pronged (Flange Base)

Clamp Condition

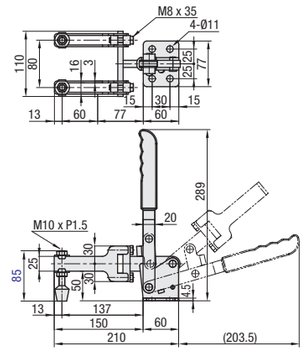
Part Number	MC05-1
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	Trivalent Chromate
Tightening Force (N)	800–1500
Weight (g)	2000
Right and Left Travel Distance (mm)	40–80
Back and Forth Travel Distance (mm)	60
Open-Close Angle of Arm	150°
Open-Close Angle of Handle	78°
Accessories	Bolt with Rubber Material: NBR Nitrile Rubber Hardness: Shore A70

Two-Pronged Fittings

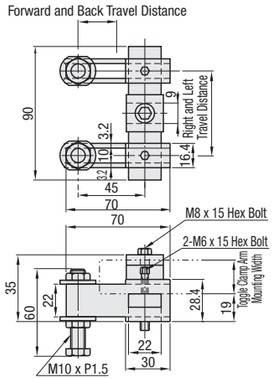
RoHS 10

Part Number	FTK
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	Trivalent Chromate
Weight (g)	550
Toggle Clamps Arm Mounting Width	Max. 22 Min. 16
Right and Left Travel Distance (mm)	40–70
Back and Forth Travel Distance (mm)	17

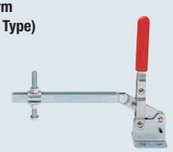
MC05-1 1N=0.101972kgf



FTK 1N=0.101972kgf



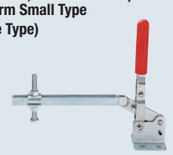
Toggle Clamps (Hold Down, Vertical Handle) – Long Arm (Flange Type)



Clamp Condition

Part Number	MC06-1
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	Trivalent Chromate
Tightening Force (N)	1000–3700
Weight (g)	1500
Open-Close Angle of Arm	119°
Open-Close Angle of Handle	91°
Accessories	Steel Bolt

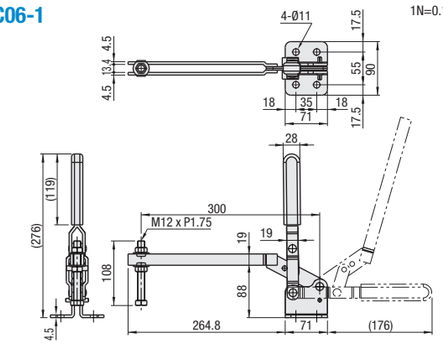
Toggle Clamps (Hold Down, Vertical Handle) – Long Arm Small Type (Flange Type)



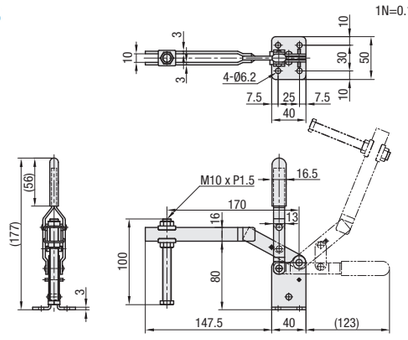
Clamp Condition

Part Number	LN2BS
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	Bright Chromate Plating
Tightening Force (N)	294–980
Weight (g)	500
Open-Close Angle of Arm	140°
Open-Close Angle of Handle	90°
Accessories	Steel Bolt

MC06-1 1N=0.101972kgf



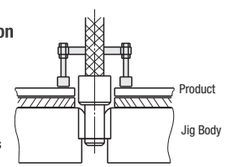
LN2BS 1N=0.101972kgf



Part Number Example

Part Number
MC06-1 FTK

Application Example



It can hold both sides of a slot pin.

Toggle Clamps

Side Push (Flange Base)

Features: MC07-S3 is Stainless Type of MC07-3.

Side Push (Flange Base)

Clamp Condition
*Shaft: Nickel Plating

Part Number	MC07-1
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	*Trivalent Chromate
Stroke (mm)	13.6
Tightening Force (N)	490
Handle Open-Close Angle	91°
Weight (g)	70
Accessories	Steel Bolt

Side Push (Flange Base)

Clamp Condition
*Shaft: Nickel Plating

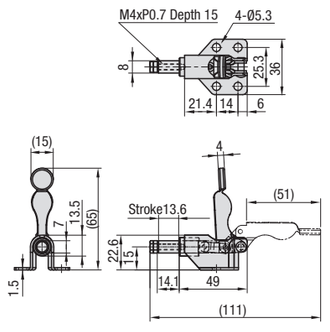
Part Number	MC07-2
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	*Trivalent Chromate
Stroke (mm)	10
Tightening Force (N)	500
Handle Open-Close Angle	66°
Weight (g)	100
Accessories	Steel Bolt

Side Push (Flange Base)

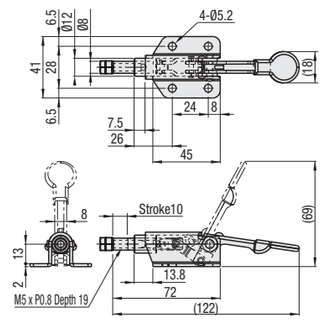
Clamp Condition
*Shaft: Nickel Plating

Part Number	MC07-3	MC07-S3
Body Material	1018 Carbon Steel or Equivalent	304 Stainless Steel
Surface Treatment	*Trivalent Chromate	—
Stroke (mm)	30	
Tightening Force (N)	1960	
Handle Open-Close Angle	147°	
Weight (g)	370	
Accessories	Steel Bolt	Stainless Steel Bolt

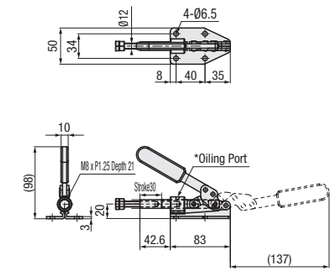
MC07-1 1N=0.101972kgf



MC07-2 1N=0.101972kgf



MC07-3 **MC07-S3 Stainless Steel** 1N=0.101972kgf



* Stainless Steel Type has no oiling port.

Side Push (Flange Base)

Clamp Condition
*Shaft: Nickel Plating

Part Number	MC07-4
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	*Trivalent Chromate
Stroke (mm)	12
Tightening Force (N)	1568
Handle Open-Close Angle	44°
Weight (g)	460
Accessories	Steel Bolt

Side Push (Flange Base)

Clamp Condition
*Shaft: Nickel Plating

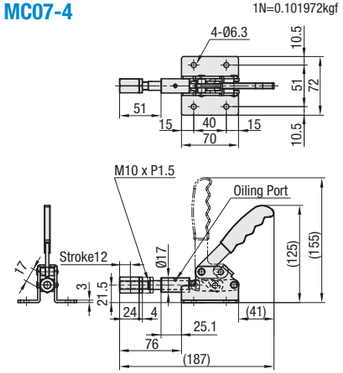
Part Number	MC07-5
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	*Trivalent Chromate
Stroke (mm)	12
Tightening Force (N)	1600
Handle Open-Close Angle	42°
Weight (g)	450
Accessories	Steel Bolt

Side Push (Flange Base)

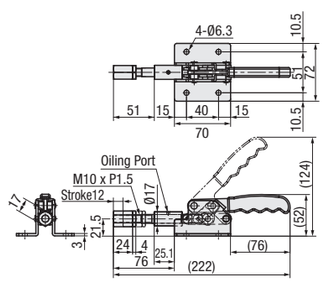
Clamp Condition
*Shaft: Nickel Plating

Part Number	MC07-6
Body Material	1018 Carbon Steel or Equivalent
Surface Treatment	*Trivalent Chromate
Stroke (mm)	30
Tightening Force (N)	1960
Handle Open-Close Angle	183°
Weight (g)	390
Accessories	Steel Bolt

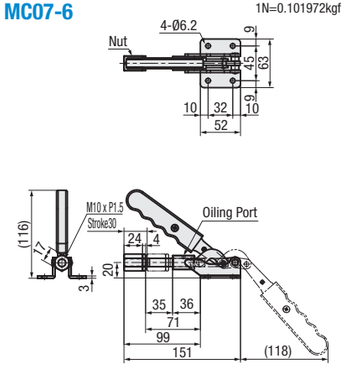
MC07-4 1N=0.101972kgf



MC07-5 1N=0.101972kgf



MC07-6 1N=0.101972kgf



Part Number Example

Part Number
MC07-3