

HOLD DOWN SNAP CLAMPS - MINIATURE



Clamped Position

Unclamped Position

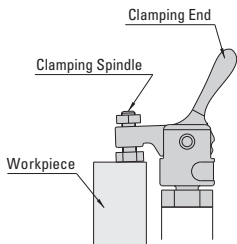
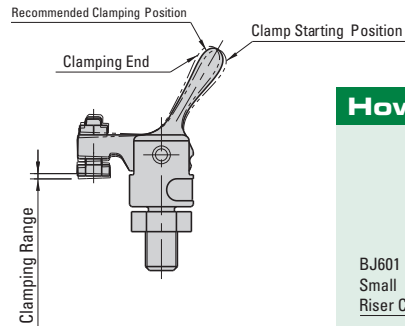
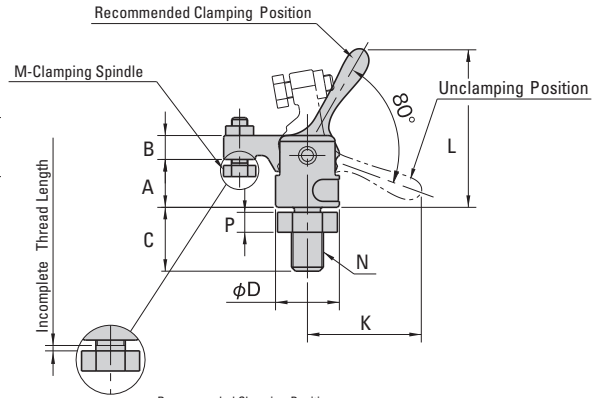
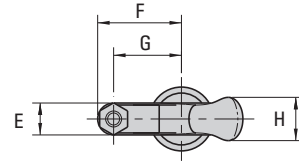


Fig. 1

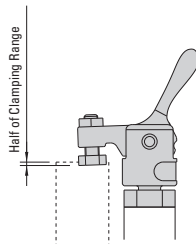
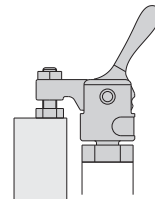


Fig. 2



Setting Completed

To set the handle for recommended clamping position, move the handle to the clamping position and then set the spindle to contact the work piece. (Fig. 1)
 Adjust the spindle by about half of the clamping range and then tighten the nuts on the spindle for locking. (Fig. 2)

How To Use

BJ601
Small
Riser Cylinder

Use a BJ601 Small Riser Cylinder to raise these clamps.

These snap clamps use a unique snap-on system to provide uniform and positive clamping in one smooth operation. As the handle is moved upward, the internal mechanism works to build tension. At a specified point, the tension is released and transformed into clamping force. This allows uniform clamping force with every cycle. The one piece body offers excellent durability and will not become weak or unstable after repeated use like traditional toggle clamps. They are ideal for small part clamping and where space is limited. They are designed for fingertip handle operation. Supplied with steel spindle. Urethane tip style spindles are available. The body is made from SAE-1045 alloy steel with black oxide finish. The clamping arm and handle are made from SAE-4140 alloy steel with black finish. The stated clamping forces and handle operating loads can vary by +/-20%. When the reaction force exceeds the stated clamping force, the clamp will release.

Part #	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	M mm	N mm	P mm
QLSNDM08-01	12	6	16	16	8	21	17	11	15	28.5	39.5	M4 X 35L	M8x1.25	5
QLSNDM12-01	17	8	24	22	10	27	22	13	18.5	38	53.5	M5 X 15L	M12x1.75	7
QLSNDM12-03	17	8	24	22	10	27	22	13	18.5	38	53.5	M5 X 15L	M12x1.75	7

Part #	Clamping Range mm	Handle Operating Load lbs	Clamping Force lbs
QLSNDM08-01	1	1.1	2
QLSNDM12-01	1.5	2.9	2
QLSNDM12-03	1.5	2.9	6