

SCREW CAM CLAMP (Universal type)

SCC 0.5 ~ 6 · 1W · 3W

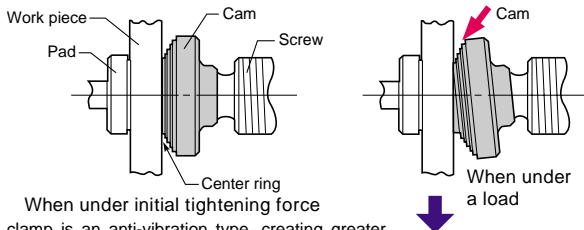
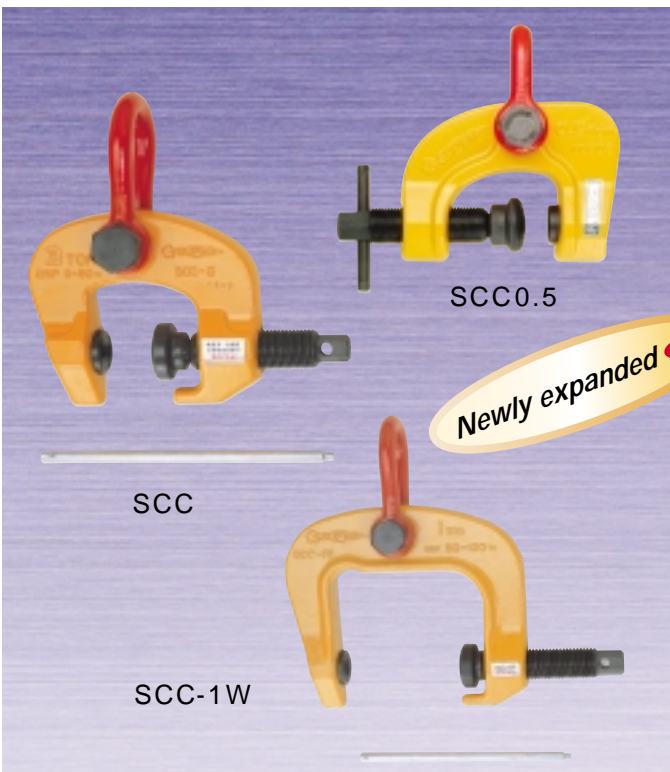
Universal clamp for lifting of a large variety of different shaped steel, ranging from steel plates and structured steel to curved and spherical shaped steels.

FEATURES

- This omni - directional clamp can lift, hang, turn over, and pull steel structures.
- This clamp is equipped with a screw cam (spherical universal designed), which provides an extra powerful clamping force on the work piece at no load and even when vibrations occur during operation.
- The clamping force increases in proportion to the weight of the load.
- The main body is made from the die-forging of special alloy steels in one piece, which is optimally tempered for maximum strength and durability.
- High-frequency quenching of special alloy steels gives greater durability to the cam.
- The main body is a baked-on finished.
- The cam and the pad can be easily replaced.

SPECIFICATIONS

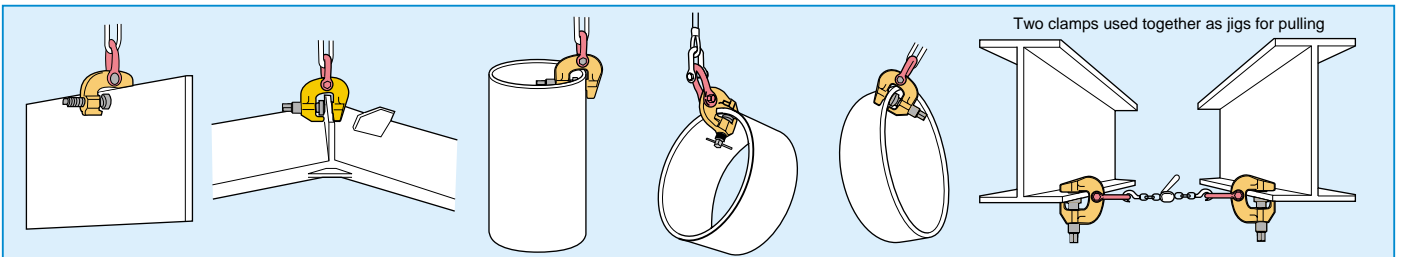
Item No.	Rated capacity (ton)	Jaw opening (mm)	Weight (kg)	Remarks
SCC 0.5	0.5	0 ~ 28	0.8	
SCC 0.75	0.75	0 ~ 22	3	
SCC 1W	1	50 ~ 100	6	
SCC 1.5	1.5	0 ~ 32	4	
SCC 3	3	0 ~ 50	6	
SCC 3W N	3	25 ~ 75	7.8	
SCC 6	6	0 ~ 75	18	



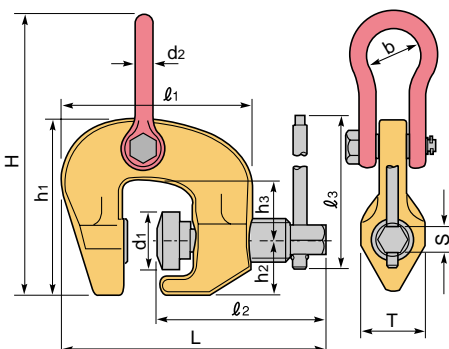
When under initial tightening force
The clamp is an anti-vibration type, creating greater clamping force in proportion to the weight of the load.

- To clamp the work piece, set the clamp as shown in the drawing on the left so that the cam is positioned flat against the work piece and pad. Next, firmly tighten the screw.
- When the clamp is under a load, the cam will tilt in accordance with the weight of the load. This tilting of the cam will increase the clamping force and cause the teeth of the cam and pad to bite harder into the work piece.
- While using the handle supplied with the clamp, tighten the screw to the sufficient values (over 5N·m for SCC-0.5 and over 35N·m for SCC-0.75 ~ 6 & 1W). When lifting thick and heavy steel plates, make the initial tightening force of the screw higher.

EXAMPLES OF USE



⚠ Always lift work pieces at 2 or more points for safety.



DIMENSIONS TABLE

(Unit:mm)

Item No.	L (MIN.)	l ₁	l ₂	l ₃	H	h ₁	h ₂	h ₃	d ₁	d ₂	b	T	S
SCC 0.5	156	104	89	60	113	76	16	27	26	10	17	30	14
SCC 0.75	167	135	120	200	201	125	38	44	42	12	38	46	21
SCC 1W	258	225	155	200	273	190	38	88	42	16	45	46	21
SCC 1.5	187	154	135	200	229	143	39	52	42	16	45	46	21
SCC 3	224	190	165	250	265	165	45	60	49	19	50	54	21
SCC 3W N	250	215	165	240	291	191	45	76	49	19	50	54	21
SCC 6	291	255	215	250	365	214	54	76	63	31.5	80	69	21