Model SBB

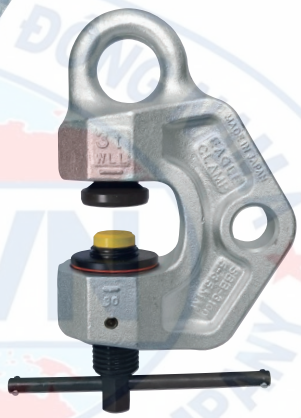
Twin shackle for all-direction pulling, handy for shifting irregular-shaped objects

● Clamp screw can be tightened using a ratchet wrench

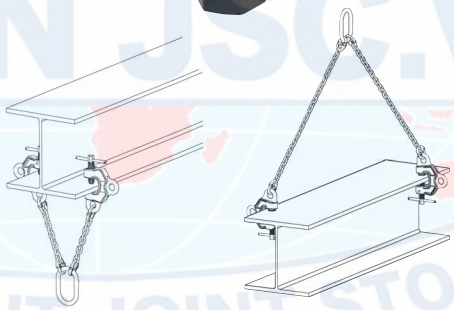


※A version with knurled teeth that leave imperceptible bite marks is also available.

Clamps for steel Screw clamps for all-direction lifting



SBB-3t, 5t



■Application

Lifting, transporting, suspending, turning, welding, assembling, erecting, loading, pressing, bending, lifting pieces and pulling pieces

■Materials that can be handled

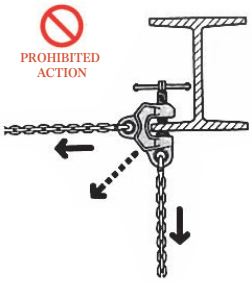
Steel plates, shaped-steel, flat steel, steel joists, bridges, steel structures, steel frames, steel sheet pilings, columns, formed heads, pipes, transverse members for shipbuilding, etc.

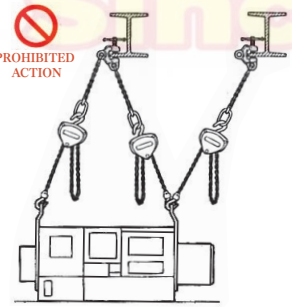
■Features

- ●Our proprietary swivel jaw clamping mechanism (all-direction) A swivel jaw grips the load firmly / The grip is proportional to the weight of the load
- ●Double safety design consisting of a screw type vise and a swivel jaw clamping mechanism
- ●Twin shackle that can be used for lifting in multiple directions
- ●Clamping confirmation line that allows the clamp' s tightness to be checked at a glance
- ●Edge pad type clamp screw(Cir clip type) that eliminates any gap between the stable clamping force on the pad for objects to be lifted and the clamping position, reducing wear on the teeth tips
- ●Conical spring for attitude control that keeps the swivel jaw in good contact and allows reliable installation of the clamp
- ●Clamp screw and swivel jaw are made of an induction-hardened special steel alloy
- ●Precisely forged special steel alloy body
- ●Galvanized finish

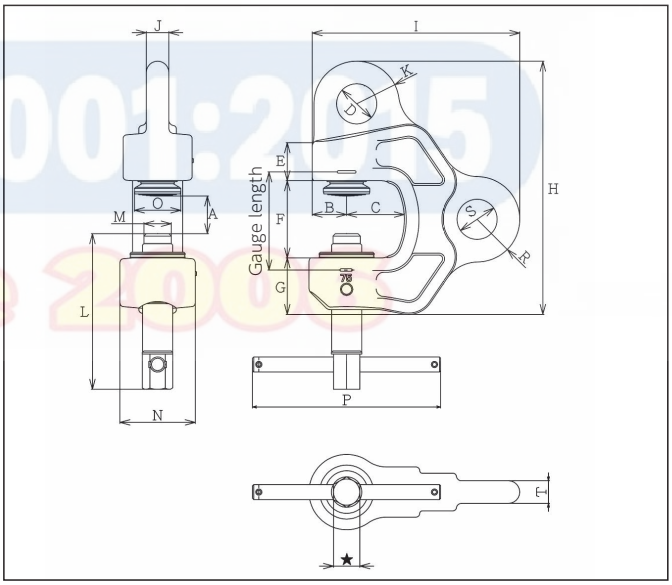
■Precautions for use

- ●Make sure to retighten the clamp screw when using the clamp repeatedly with a load attached.(More than the specified minimum tightening torque)
- ●Never use clamps that have welding spatter, arc strikes or notching.
- ●Never use two holes on a single clamp simultaneously.(Refer to the following illustrations.)





Specifications



■Table of Dimensions (Model : SBB)

★The width across flats on the hexagonal head of the clamp screw is 21 mm.

Code No.	Model	W.L.L. Min~Max (kg)	Effective thickness A (mm)	Dimensions (mm)																				Product weight (kg)
				B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q*	R	S	T		
27000250	SBB-500(1-25)	100~500	1~25	23	25	ϕ27	22	41	29	140	112	15	24	96	ϕ20	46	ϕ27.5	150	ϕ15	24	ϕ27	15		1.8
27010400	SBB-1 (1-40)	200~1000	1~40	27.5	45	ϕ32	31	61	46	203	165.5	18	34	124	ϕ24	55	ϕ37	150	ϕ22	34	ϕ32	18		4.0
27020400	SBB-2 (1-40)	400~2000	1~40	35	43	ϕ36	44	66	45.5	218	183	25	38.5	134	ϕ32	74	ϕ43	150	ϕ25	36	ϕ32	25		7.6
27030360	SBB-3 (5-35)	600~3000	5~35	40	47.5	ϕ45	42	64	61.5	245	170	30	42.5	137.5	ϕ36	80	ϕ50	200	ϕ30	30	ϕ31	38		8.9
27050410	SBB-5 (10-40)	1000~5000	10~40	48	55	ϕ50	52	75.5	66.5	276	213	35	47	150.5	ϕ40	96	ϕ60	200	ϕ35	45	ϕ37	44		15.2

* Q: Bearing diameter

○The specifications, dimensions and paint colors are subject to change without prior notice.