

Model SBB

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

- Clamp screw can be tightened using a ratchet wrench

Clamps for steel Screw clamps for all-direction lifting



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



SBB-3t, 5t

■ Application

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

■ Materials that can be handled

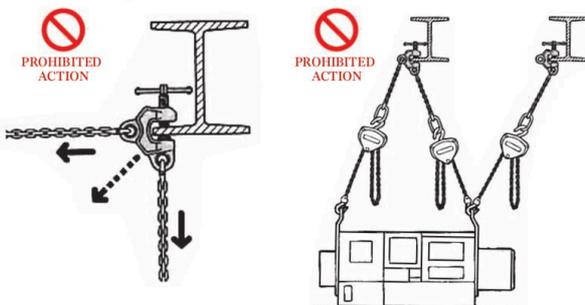
Steel plates, shaped-steel, flat steel, steel joists, bridges, steel structures, steel frames, steel sheet pilings, columns, formed heads, pipes, transverse members for shipbuilding, etc.

■ Features

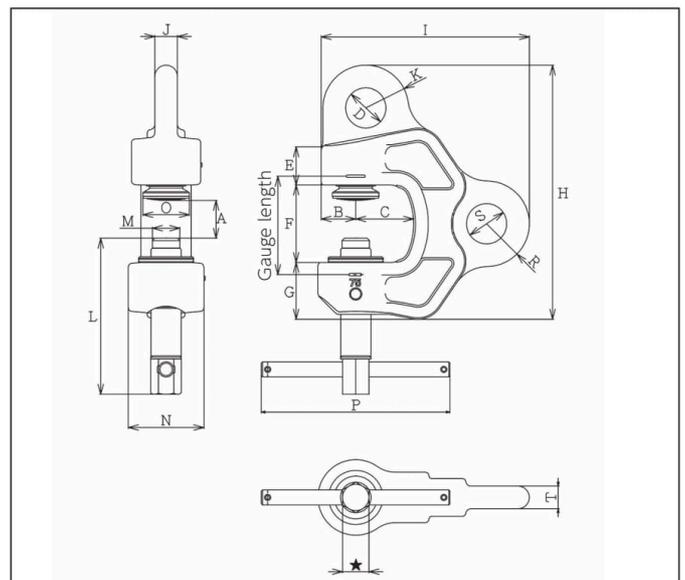
- Our proprietary swivel jaw clamping mechanism (all-direction)
A swivel jaw grips the load firmly / The grip is proportional to the weight of the load
- Double safety design consisting of a screw type vise and a swivel jaw clamping mechanism
- Twin shackle that can be used for lifting in multiple directions
- 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 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)

| 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.

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

