

## Vertical Lifting Clamp TSU/TSEU/STSU

### Product information



Clamp for vertical lifting, transporting and turning of all steel plates and structures from all positions. With articulated lifting shackle for universal lifting flexibility at various angles.

#### Features:

- The articulated lifting shackle guarantees a pressure grip in every position, even when side loading up to 90°. Note a lower load capacity when lifting in an angle higher than 45°. Please check the WLL reduction below
- Longer plates can be lifted without the use of a spreader beam when using two clamps on a two legged chain sling
- Always equipped with a safety mechanism, ensuring the clamp does not slip when VerticaL lifting force is applied and when load is being lowered
- Clamp is locked in closed as well as open position
- Lightweight, maintenance-friendly, heavy duty body

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**Marking:** According to standard, CE-marked, Type, serial number, WLL, Jaw opening.

**Temperature range:** - 40°C up to +100°C

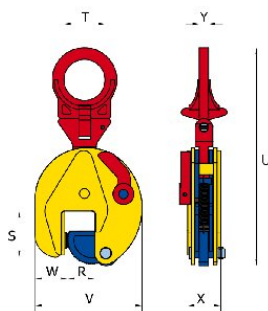
**Standard:** EN 13155

**Note:** Hardness level of the material surface may not exceed 37 Hrc (345 HB, 1166 N/mm<sup>2</sup>).

**Warning:** Min. load is 10% of max. WLL.

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Blueprint



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### Technical data

| Part code | Code     | WLL ton | Jaw width mm | S mm | T mm | U mm | V mm | W mm | X mm | Y mm | Weight kg |
|-----------|----------|---------|--------------|------|------|------|------|------|------|------|-----------|
| 44010065B | 0.75 TSU | 0.75    | 0-13         | 47   | 30   | 203  | 100  | 37   | 37   | 10   | 1.8       |
| 44010021B | 1 TSEU   | 1       | 0-25         | 56   | 50   | 292  | 141  | 37   | 47   | 15   | 3.8       |
| 44010022B | 2 TSEU*  | 2       | 0-35         | 78   | 70   | 372  | 183  | 56   | 56   | 16   | 8         |
| 44010106B | 3 TSEU*  | 3       | 0-35         | 78   | 70   | 372  | 183  | 56   | 56   | 16   | 8         |
| 44010104B | 4.5 TSU  | 4.5     | 0-25         | 85   | 70   | 429  | 203  | 60   | 77   | 20   | 16        |
| 44010163B | 4.5 TSEU | 4.5     | 0-45         | 85   | 70   | 431  | 228  | 60   | 78   | 20   | 16.5      |
| 44010245B | 6 TSU    | 6       | 0-32         | 114  | 78   | 528  | 225  | 78   | 78   | 32   | 22        |
| 44010157B | 6 STSU   | 6       | 40-90        | 114  | 78   | 523  | 275  | 70   | 78   | 32   | 24        |
| 44010112B | 6 TSEU   | 6       | 0-50         | 114  | 78   | 527  | 259  | 82   | 78   | 32   | 24        |
| 44010239B | 7.5 TSU  | 7.5     | 0-40         | 111  | 78   | 567  | 246  | 76   | 82   | 32   | 27        |
| 44010064B | 7.5 TSEU | 7.5     | 0-55         | 111  | 78   | 560  | 267  | 70   | 86   | 32   | 28        |
| 44010032B | 7.5 STSU | 7.5     | 50-100       | 111  | 78   | 560  | 312  | 70   | 86   | 32   | 30        |
| 44010246B | 9 TSU    | 9       | 0-55         | 111  | 78   | 560  | 267  | 70   | 86   | 32   | 29        |
| 44010156B | 9 STSU   | 9       | 50-100       | 111  | 78   | 560  | 312  | 70   | 86   | 32   | 31        |
| 44010241B | 12 TSU   | 12      | 0-52         | 148  | 85   | 648  | 295  | 100  | 94   | 48   | 41        |
| 44010151B | 12 STSU  | 12      | 50-100       | 152  | 85   | 644  | 344  | 100  | 94   | 48   | 45        |
| 44010056B | 15 TSU   | 15      | 0-76         | 209  | 85   | 816  | 373  | 136  | 106  | 48   | 73        |
| 44010152B | 15 STSU  | 15      | 80-150       | 224  | 85   | 808  | 450  | 136  | 106  | 48   | 78        |
| 44010242B | 17 TSU   | 17      | 0-76         | 209  | 85   | 816  | 373  | 136  | 106  | 48   | 74        |
| 44010243B | 20 TSU   | 20      | 0-80         | 250  | 100  | 948  | 563  | 153  | 140  | 71   | 160       |
| 44010153B | 20 STSU  | 20      | 80-150       | 249  | 100  | 940  | 640  | 153  | 140  | 71   | 171       |
| 44010244B | 25 TSU   | 25      | 5-85         | 250  | 100  | 948  | 563  | 148  | 140  | 71   | 160       |
| 44010154B | 25 STSU  | 25      | 80-150       | 249  | 100  | 940  | 640  | 153  | 140  | 71   | 171       |
| 44010240B | 30 TSU   | 30      | 10-90        | 250  | 100  | 944  | 568  | 153  | 142  | 71   | 167       |
| 44010155B | 30 STSU  | 30      | 80-150       | 249  | 100  | 946  | 645  | 156  | 142  | 71   | 176.5     |