



## 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

**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.

| Part Code       | Code     | WLL ton | Jaw width mm | S mm | T mm | U mm | V mm | W mm | X mm | Y mm | Weight kg | Delivery time |
|-----------------|----------|---------|--------------|------|------|------|------|------|------|------|-----------|---------------|
| 502100080130600 | 0.75 TSU | 0.75    | 0-13         | 47   | 30   | 203  | 100  | 37   | 37   | 10   | 1.8       | 10            |
| 502100100250600 | 1 TSEU   | 1       | 0-25         | 56   | 50   | 292  | 141  | 37   | 47   | 15   | 3.8       | 10            |
| 502100200350600 | 2 TSEU*  | 2       | 0-35         | 78   | 70   | 372  | 183  | 56   | 56   | 16   | 8         | 10            |
| 502100300350600 | 3 TSEU*  | 3       | 0-35         | 78   | 70   | 372  | 183  | 56   | 56   | 16   | 8         | 10            |
| 502100450250600 | 4.5 TSU  | 4.5     | 0-25         | 85   | 70   | 429  | 203  | 60   | 77   | 20   | 16        | 10            |
| 502100450450600 | 4.5 TSEU | 4.5     | 0-45         | 85   | 70   | 431  | 228  | 60   | 78   | 20   | 16.5      | 10            |

|                 |          |     |        |     |     |     |     |     |     |    |       |    |
|-----------------|----------|-----|--------|-----|-----|-----|-----|-----|-----|----|-------|----|
| 502100600320600 | 6 TSU    | 6   | 0-32   | 114 | 78  | 528 | 225 | 78  | 78  | 32 | 22    | 10 |
| 502100600900600 | 6 STSU   | 6   | 40-90  | 114 | 78  | 523 | 275 | 70  | 78  | 32 | 24    | 10 |
| 502100600500600 | 6 TSEU   | 6   | 0-50   | 114 | 78  | 527 | 259 | 82  | 78  | 32 | 24    | 10 |
| 502100750400600 | 7.5 TSU  | 7.5 | 0-40   | 111 | 78  | 567 | 246 | 76  | 82  | 32 | 27    | 10 |
| 502100750550600 | 7.5 TSEU | 7.5 | 0-55   | 111 | 78  | 560 | 267 | 70  | 86  | 32 | 28    | 10 |
| 502100751000600 | 7.5 STSU | 7.5 | 50-100 | 111 | 78  | 560 | 312 | 70  | 86  | 32 | 30    | 10 |
| 502100900550600 | 9 TSU    | 9   | 0-55   | 111 | 78  | 560 | 267 | 70  | 86  | 32 | 29    | 10 |
| 502100901000600 | 9 STSU   | 9   | 50-100 | 111 | 78  | 560 | 312 | 70  | 86  | 32 | 31    | 10 |
| 502101200520600 | 12 TSU   | 12  | 0-52   | 148 | 85  | 648 | 295 | 100 | 94  | 48 | 41    | 10 |
| 502101201000600 | 12 STSU  | 12  | 50-100 | 152 | 85  | 644 | 344 | 100 | 94  | 48 | 45    | 10 |
| 502101500760600 | 15 TSU   | 15  | 0-76   | 209 | 85  | 816 | 373 | 136 | 106 | 48 | 73    | 10 |
| 502101501500600 | 15 STSU  | 15  | 80-150 | 224 | 85  | 808 | 450 | 136 | 106 | 48 | 78    | 10 |
| 502101700760600 | 17 TSU   | 17  | 0-76   | 209 | 85  | 816 | 373 | 136 | 106 | 48 | 74    | 10 |
| 502102000800600 | 20 TSU   | 20  | 0-80   | 250 | 100 | 948 | 563 | 153 | 140 | 71 | 160   | 10 |
| 502102001500600 | 20 STSU  | 20  | 80-150 | 249 | 100 | 940 | 640 | 153 | 140 | 71 | 171   | 10 |
| 502102500850600 | 25 TSU   | 25  | 5-85   | 250 | 100 | 948 | 563 | 148 | 140 | 71 | 160   | 10 |
| 502102501500600 | 25 STSU  | 25  | 80-150 | 249 | 100 | 940 | 640 | 153 | 140 | 71 | 171   | 10 |
| 502103000900600 | 30 TSU   | 30  | 10-90  | 250 | 100 | 944 | 568 | 153 | 142 | 71 | 167   | 10 |
| 502103001500600 | 30 STSU  | 30  | 80-150 | 249 | 100 | 946 | 645 | 156 | 142 | 71 | 176.5 | 10 |

# Blueprint

