# 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 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

... *Read more*

**Marking:** According to standard, CE-mark, 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/mm2).
**Warning:** Min. load is 10% of max. WLL.

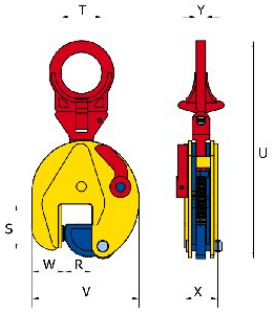
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## Blueprint




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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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 502100080130600 | 0.75 TSU | 0.75 | 0-13 | 47 | 30 | 203 | 100 | 37 | 37 | 10 | 1.8 |
| 502100100250600 | 1 TSEU | 1 | 0-25 | 56 | 50 | 292 | 141 | 37 | 47 | 15 | 3.8 |
| 502100200350600 | 2 TSEU* | 2 | 0-35 | 78 | 70 | 372 | 183 | 56 | 56 | 16 | 8 |
| 502100300350600 | 3 TSEU* | 3 | 0-35 | 78 | 70 | 372 | 183 | 56 | 56 | 16 | 8 |
| 502100450250600 | 4.5 TSU | 4.5 | 0-25 | 85 | 70 | 429 | 203 | 60 | 77 | 20 | 16 |
| 502100450450600 | 4.5 TSEU | 4.5 | 0-45 | 85 | 70 | 431 | 228 | 60 | 78 | 20 | 16.5 |
| 502100600320600 | 6 TSU | 6 | 0-32 | 114 | 78 | 528 | 225 | 78 | 78 | 32 | 22 |
| 502100600900600 | 6 STSU | 6 | 40-90 | 114 | 78 | 523 | 275 | 70 | 78 | 32 | 24 |
| 502100600500600 | 6 TSEU | 6 | 0-50 | 114 | 78 | 527 | 259 | 82 | 78 | 32 | 24 |
| 502100750400600 | 7.5 TSU | 7.5 | 0-40 | 111 | 78 | 567 | 246 | 76 | 82 | 32 | 27 |
| 502100750550600 | 7.5 TSEU | 7.5 | 0-55 | 111 | 78 | 560 | 267 | 70 | 86 | 32 | 28 |
| 502100751000600 | 7.5 STSU | 7.5 | 50-100 | 111 | 78 | 560 | 312 | 70 | 86 | 32 | 30 |
| 502100900550600 | 9 TSU | 9 | 0-55 | 111 | 78 | 560 | 267 | 70 | 86 | 32 | 29 |
| 502100901000600 | 9 STSU | 9 | 50-100 | 111 | 78 | 560 | 312 | 70 | 86 | 32 | 31 |
| 502101200520600 | 12 TSU | 12 | 0-52 | 148 | 85 | 648 | 295 | 100 | 94 | 48 | 41 |
| 502101201000600 | 12 STSU | 12 | 50-100 | 152 | 85 | 644 | 344 | 100 | 94 | 48 | 45 |
| 502101500760600 | 15 TSU | 15 | 0-76 | 209 | 85 | 816 | 373 | 136 | 106 | 48 | 73 |
| 502101501500600 | 15 STSU | 15 | 80-150 | 224 | 85 | 808 | 450 | 136 | 106 | 48 | 78 |
| 502101700760600 | 17 TSU | 17 | 0-76 | 209 | 85 | 816 | 373 | 136 | 106 | 48 | 74 |
| 502102000800600 | 20 TSU | 20 | 0-80 | 250 | 100 | 948 | 563 | 153 | 140 | 71 | 160 |
| 502102001500600 | 20 STSU | 20 | 80-150 | 249 | 100 | 940 | 640 | 153 | 140 | 71 | 171 |
| 502102500850600 | 25 TSU | 25 | 5-85 | 250 | 100 | 948 | 563 | 148 | 140 | 71 | 160 |
| 502102501500600 | 25 STSU | 25 | 80-150 | 249 | 100 | 940 | 640 | 153 | 140 | 71 | 171 |
| 502103000900600 | 30 TSU | 30 | 10-90 | 250 | 100 | 944 | 568 | 153 | 142 | 71 | 167 |
| 502103001500600 | 30 STSU | 30 | 80-150 | 249 | 100 | 946 | 645 | 156 | 142 | 71 | 176.5 |

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