



## Vertical Lifting Clamp IPU10

### Product information



The IPU10 vertical lifting clamp is used for lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed. The hinged hoisting eye ( a.k.a. universal eye ) allows for the clamp to place and lift the load from any direction, or with a multiple leg sling without side-loading the clamp. Available in a variety of models:

- IPU10 - Standard clamp for materials with a surface hardness to 363HV10 (345 HB).
- IPU10J - Larger jaw opening.
- IPU10S - For use with Stainless Steel material.
- IPU10H - For use with materials with a surface hardness to 472HV10 (450 HB).

#### Features:

- Available in capacities of 0.5 thru 30 metric tons
- Higher Working Load Limits are available upon request.
- Wide variety of jaw openings available: 0 to 155 mm.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- User manual and test certificate included with each clamp.
- Full 180° turning range for material transfer, turning or moving.
- Lock open, lock closed ability with latch for pretension on material and then release of material.
- For use with materials with surface hardness to 279HV10, only 5% min WLL is needed.
- Maintenance and repair kits are available.
- All sizes are RFID EQUIPPED.

**Material:** Alloy steel.

**Marking:** According to standard, CE-marked

**Standard:** EN 13155

**Warning:** A minimum load of 10% of the WLL is required. Except for WLL 500 KG which requires a minimum load of 5% of WLL.

**Safety factor:** 4:1

| Part Code       | Code     | WLL ton | Jaw width mm | Model      | B mm | C mm | D mm | E mm | F mm | G mm | H mm | J mm | K mm | Weight kg |
|-----------------|----------|---------|--------------|------------|------|------|------|------|------|------|------|------|------|-----------|
| 502100050160350 | 0.5IPU10 | 0.5     | 0-16         | 0.5-IPU10  | 44   | 130  | 216  | 40   | 115  | 42   | 28   | -    | 11   | 1.9       |
| 502100100200350 | -        | 1       | 0-20         | 1-IPU10    | 45   | 139  | 225  | 40   | 127  | 42   | 38   | -    | 11   | 2.4       |
| 502100200350350 | -        | 2       | 0-35         | 2-IPU10    | 78   | 201  | 368  | 70   | 188  | 64   | 55   | -    | 16   | 8.5       |
| 502100300400350 | -        | 3       | 0-40         | 3-IPU10    | 100  | 253  | 436  | 75   | 222  | 78   | 60   | -    | 20   | 14.8      |
| 502100450400350 | -        | 4.5     | 0-40         | 4.5-IP10   | -    | -    | -    | -    | -    | -    | -    | -    | -    | 16        |
| 502100600500350 | -        | 6       | 0-50         | 6-IPU10    | 126  | 302  | 525  | 80   | 292  | 84   | 95   | 44   | 20   | 24        |
| 502100900500350 | -        | 9       | 0-50         | 9-IPU10    | 126  | 325  | 552  | 80   | 310  | 94   | 104  | 44   | 20   | 29.5      |
| 502101200540350 | -        | 12      | 0-54         | 12-IPU10   | 160  | 392  | 616  | 80   | 433  | 121  | 137  | 41   | 25   | 57        |
| 502101600640350 | -        | 16      | 5-64         | 16-IPU10   | 180  | 463  | 736  | 88   | 492  | 121  | 153  | 45   | 25   | 79        |
| 502102250800350 | -        | 22.5    | 5-80         | 22.5-IPU10 | 222  | 554  | 863  | 110  | 565  | 139  | 186  | 49   | 25   | 126       |
| 502103000800350 | -        | 30      | 5-80         | 30-IPU10   | 222  | 554  | 868  | 110  | 580  | 153  | 186  | 54   | 30   | 141       |

# Blueprint

