Lifting Solutions Group
Axel Johnson International

# Tõstesilm tüüp PLAW

## Tootekirjeldus



**General:** 360° rotatable lifting point. The load ring is loadable in a range of 130° and can be positioned at any required angle due to its
replaceable and patented spring. Likewise interchangeable is the hexagon-special screw from grade 10.9 material, which is secured
against loss. The screw is 100% crack detection tested as well as covered with a chromate VI-free protection against corrosion.
pewag winner profilift alpha is able to withstand a 4-fold safety against break in all directions. It is avaliable with metric or UNC-thread, whereas the lifting points with metric thread is also obtainable with customized thread lengths.

**Permissible usage**
Load capacity acc. to the inspection certificate respectively table of WLL in the mentioned directions of pull (see picture 1).
**Non permissible usage**
Make sure when choosing the assembly that improper load can not arise e.g. if:
- The direction of pull is obstructed
- Direction of pull is not in the foreseen area (see picture 2)
- Load ring rests against edges or loads (picture 3)

The load ring must be placed in the direction of pull before loading - do not turn under load. For more details please have a look into our user manual.

**To calculate the necessary thread length (L):**
L = H + S +K + X

H = Material height
S = Thickness of the washer
K = Height of the nut (depending on the thread size of the screw)
X = Excess length of the screw (twofold pitch of the screw)

... *Read more*

**Materjal:** Alloy steel grade 10.
**Märgistus:** Vastavalt standardile, CE-tähisega, WLL, thread size and an individual serial number.
**Pinnakate:** Painted
**Standard:** EN 1677-1
*except grade/WLL*

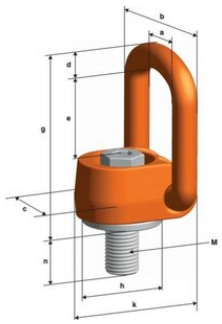
**Ohutustegur:** 4:1

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## Blueprint



## Tehnilised andmed

| Tootekood | Kood | WLL tonn | Keere | a mm | b mm | c mm | d mm | e mm | g mm | h mm | k mm | n mm | n max mm mm | M mm | Kaal kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42154014012 | PLAW 0,3 t | 0,3 | M8 | 45 | 67 | 40 | 11 | 41 | 95 | 36 | 55 | 20 | 150 | M8 | 0,57 |
| 42154014013 | PLAW 0,63 t | 0,63 | M10 | 45 | 67 | 40 | 11 | 41 | 95 | 36 | 55 | 20 | 150 | M10 | 0,58 |
| 42154092151 | PLAW 1 t | 1 | M12 | 45 | 67 | 40 | 11 | 41 | 95 | 36 | 55 | 20 | 170 | M12 | 0,6 |
| 42154092221 | PLAW 1,5 t | 1,5 | M16 | 45 | 67 | 40 | 11 | 41 | 95 | 36 | 55 | 24 | 260 | M16 | 0,62 |
| 42154014440 | PLAW 2,5 t | 2,5 | M20 | 54 | 81 | 50 | 13 | 55 | 112 | 50 | 67 | 33 | 335 | M20 | 1,1 |
| 42154002923 | PLAW 4 t | 4 | M24 | 54 | 87 | 50 | 17 | 67 | 142 | 45 | 70 | 36 | 361 | M24 | 1,6 |
| 42154090654 | PLAW 6 t | 6 | M30 | 68 | 108 | 60 | 20 | 68 | 148 | 55 | 85 | 45 | 360 | M30 | 3,1 |
| 42154009996 | PLAW 7 t * | 7 | M36 | 75 | 115 | 67 | 20 | 65 | 143 | 60 | 100 | 55 | 374 | M36 | 3,3 |
| 42154014615 | PLAW 8 t | 8 | M36 | 93 | 147 | 85 | 27 | 87 | 188 | 85 | 120 | 55 | 365 | M36 | 6,1 |
| 42154014627 | PLAW 10 t | 10 | M42 | 93 | 147 | 85 | 27 | 87 | 188 | 85 | 120 | 65 | 365 | M42 | 6,4 |
| 42154009995 | PLAW 15 t | 15 | M42 | 115 | 181 | 105 | 33 | 108 | 246 | 106 | 150 | 63 | 340 | M42 | 12 |
| 42154020904 | PLAW 20 t | 20 | M48 | 115 | 181 | 105 | 33 | 108 | 246 | 106 | 150 | 73 | 340 | M48 | 12,3 |

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| Tõsteviis | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tõstepunktide arv | 1 | 1 | 2 | 2 | 2 | 3+4 | 3+4 | 3+4 | 2 | 3+4 | | | | |
| tõstenurk | β° | 90° | 0° | 90° | 0°-45° | 45°-60° | 0°-45° | 45°-60° | ebasümm. | ebasümm. | | | | |
| Kood | Keere | Kinnitusmoment | WLL | | | | | | | | | | | |
| | mm | Nm | ton | mm | mm | | | | | | | | | |
| PLAW 0,3 t | M8 | 35 | 0,3 | 0,3 | 0,6 | 0,6 | 0,4 | 0,3 | 0,6 | 0,4 | 0,3 | 0,3 | 10 | 24 |
| PLAW 0,63 t | M10 | 70 | 0,63 | 0,63 | 1,25 | 1,25 | 0,85 | 0,63 | 1,3 | 0,9 | 0,63 | 0,63 | 10 | 24 |
| PLAW 1 t | M12 | 120 | 1 | 1 | 2 | 2 | 1,4 | 1 | 2,1 | 1,5 | 1 | 1 | 10 | 24 |
| PLAW 1,5 t | M16 | 150 | 1,5 | 1,5 | 3 | 3 | 2,1 | 1,5 | 3,1 | 2,2 | 1,5 | 1,5 | 10 | 24 |
| PLAW 2,5 t | M20 | 170 | 2,5 | 2,5 | 5 | 5 | 3,5 | 2,5 | 5,3 | 3,7 | 2,5 | 2,5 | 8 | 24 |
| PLAW 4 t | M24 | 400 | 4 | 4 | 8 | 8 | 5,6 | 4 | 8,4 | 6 | 4 | 4 | 14 | 36 |
| PLAW 6 t | M30 | 500 | 6 | 6 | 12 | 12 | 8,5 | 6 | 12,7 | 9 | 6 | 6 | 14 | 36 |
| PLAW 7 t* | M36 | 800 | 7 | 7 | 14 | 14 | 9,8 | 7 | 14,8 | 10,4 | 7 | 7 | 27 | - |
| PLAW 8 t | M36 | 800 | 8 | 8 | 16 | 16 | 11,3 | 8 | 16,9 | 12 | 8 | 8 | 19 | 36 |
| PLAW 10 t | M42 | 1500 | 10 | 10 | 20 | 20 | 14 | 10 | 21 | 15 | 10 | 10 | 32 | - |
| PLAW 15 t | M42 | 1500 | 15 | 15 | 30 | 30 | 21 | 15 | 31,5 | 22,5 | 15 | 15 | 19 | 55 |
| PLAW 20 t | M48 | 2000 | 20 | 20 | 40 | 40 | 28 | 20 | 42 | 30 | 20 | 20 | 19 | 55 |

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