



»MAXI«
ASSEMBLY KIT
for loads
up to 126 t

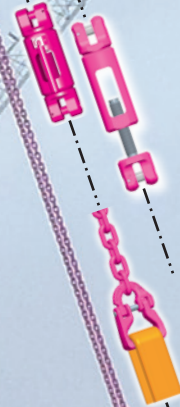
Quality Grade 10 



MAXI

VIP
100

When the going gets
though...
...we make it
easy for you!



>MAXI<

Secure lifting of heavy loads up to 126 t.
From crane hook to a heavy load, always
the right lifting mean!



- VIP >MAXI< Masterlinks 1/2-28 and VBK 1/2-28, for 1 resp. 2 leg.
- VIP >MAXI< Shortening claw VV28 with securing against self-acting loosening.
- VIP >MAXI< Connecting link for the connection with lifting points, shackles, chain etc.
- VIP >MAXI< Round steel link chain 28 x 84, quality grade 10, extreme robust and wear resistant, pink powder coated.
- VIP >MAXI< VCGH-28, proved and tested Cobra-clevis hook in skeletal light weight-design with a robust, forged safety latch.
- VIP >MAXI< End link VB-28, f.e. for chain coupler RS-VVS-28 or shackle connection VC-SCH 6.

RUD ID System[®]

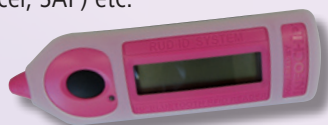
RUD-ID-POINT[®]

The components can be marked with the **RUD-ID-Point[®]** (RFID-Chip) and allocated by a unique identification number.



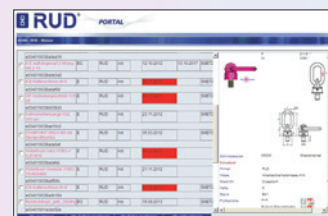
RUD-ID-EASY-CHECK[®]

The robust **RUD-ID-EASY-CHECK[®]** (readers) captures the identification number of the **RUD-ID-Point[®]** and transfers it via Bluetooth or USB into the **RUD-ID-NET[®]**-Applikation software resp. optionally into your PC-application (f.e. Wordpad, MS Word, MS Excel, SAP) etc.



RUD-ID-NET[®]

The expandable **RUD-ID-NET[®]**-application (software) supports you with the administration and documentation of your components.



>MAXI< VIP 100

Unsymmetrical heavy load?
Different strand lengths?

Your ideal addition for your heavy load lifting means to connect wire rope or synthetic round sling with the MAXI-Vario-strand

Connection possibilities



Sling-variants



End fittings



Assembly kit

| | | | |
|-------------------|-----------------|----------------------|--|
| | | | |
| VAK-1/2-28* | VBK-1/2-28** | VB-28 | VCGH-28 |
| | | | |
| VVS-28 | VV-28 | RS-VVS-28*** | VIP-Domi |
| | | | |
| VLE-28 | VUW-28*** | VUW-GLD-28*** | Combination VVS-28 and VC-SCH 6.0 with VIP-chain 28x84 |
| | | | |
| VIP-Chain 28x84 | VC-SCH-6.0 | VIP-KZA + MAXI gauge | RUD ID System |
| | | | |
| ABA 31.5 ■ | VRBS-Fix 31.5 ■ | WPPH-KA-28*** | VWBS-KA-28*** |
| | | | |
| VWBS 40t (50t)*** | VWBG-KA-28*** ■ | VWBG 31.5 ■ | VRBG 31.5 ■ |

* VAK 1/2-28: For single crane hooks (Size 40+50) and double crane hooks (Size 40+50)

** VBK 1/2-28: For single crane hooks (Size 12-32) and double crane hooks (Size 12-32)

*** In preparation

■ For details see Lifting point catalogue

| Nomination | WLL [t] | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | T [mm] | Weight [kg/pc.] | Ref.-No. |
|-----------------------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|----------|
| VAK-1/2-28 | 31.5/45/63 | 100 | 250 | 280 | 208 | 120 | 76 | - | 360 | 64.3 | 7900642 |
| VBK-1/2-28 | 31.5/45/63 | 60 | 190 | 265 | 240 | 120 | 55 | - | 322 | 35 | 8504022 |
| VB-28 | 31.5 | 62 | 130 | 150 | 130 | 80 | 100 | 52 | 209 | 13.7 | 7900641 |
| VCGH-28 | 31.5 | 150 | 101 | 69 | 88 | - | 90 | 295 | 275 | 26.4 | 7900638 |
| VVS-28 | 31.5 | 69 | 228 | 58 | 47 | 67 | 81 | - | 189 | 10.6 | 7901445 |
| VV-28 | 31.5 | 150 | 130 | 130 | - | - | - | - | 170 | 16.9 | 7900643 |
| RS-VVS-28*** | 31.5 | 69 | 163 | 100 | 47 | 33 | - | - | 245 | 20 | 7903511 |
| VIP-DOMI | 31.5 | - | - | 40 | - | - | - | - | 126 | 4.1 | 58917 |
| VLE-28 | 31.5 | 650 | 172 | 138 | 120 | - | - | - | 478 | 44 | 7900772 |
| VUW-28*** | 31.5 | 148 | - | - | - | - | - | - | 183 | 27.3 | 7903435 |
| VUW-GLD-28*** | 31.5 | 153 | - | - | 46 | 110 | 169 | - | 416 | 32.1 | 7903436 |
| Kombi VVS-28 and VC-SCH 6.0 | 31.5 | - | - | - | - | - | - | - | 309 | 16.5 | - |
| VMK 28x84 | 31.5 | 28 | 37 | - | - | - | - | - | 84 | 18.6 | 7900670 |
| VC-SCH 6.0 | 31.5 | 53 | 34 | 78 | 39 | 37 | 34 | 121 | 120 | 5.9 | 7984333 |
| ABA 31.5 | 31.5 | 108 | 64 | 320 | 130 | 50 | 204 | - | 154 | 18.3 | 7902175 |
| VRBS-FIX 31.5 | 31.5 | 160 | 42 | 99 | 130 | 366 | 195 | - | 202 | 18.4 | 7999302 |
| WPPH-KA-28*** | 31.5 | 28 | - | - | 148 | - | - | - | 74 | 11 | 7903438 |
| VWBS-KA-28*** | 31.5 | 28 | - | - | 170 | - | - | - | 147 | 24 | 7903440 |
| VWBS 40 t (50 t) | 40 | 46 | 170 | 110 | 170 | - | - | 161 | 380 | 27.9 | 7903650 |
| VWBG-KA-28*** | 31.5 | - | - | - | 170 | - | 108 | - | 146 | 26.4 | 7903437 |
| VWBG 31.5 | 31.5 | 46 | 130 | 90 | 170 | - | 108 | 159 | 338 | 29.9 | 7900097 |
| VRBG 31.5 | 31.5 | 180 | 42 | - | 130 | - | - | 400 | - | 67.0 | 7985866 |

*** in preparation

WLL for symmetrical loads

| | | | | | | | |
|---------------------------|------|--------|---------|---------|--------|--------|--------|
| | | | | | | | |
| inclination angle β | 0° | 0° | 0-45° | >45-60° | 0-7° | >7-45° | 0-45° |
| load factor | 1 | 2 | 1,4 | 1 | 4 | 2,8 | 2,1 |
| WLL [t] | 31.5 | 63.0 | 45.0 | 31.5 | 126 | 88 | 67.0 |
| | | | | | | | |
| inclination angle β | 0-7° | >7-45° | >45-60° | 0-7° | >7-45° | 0-7° | >7-45° |
| load factor | 2 | 1,4 | 1 | 4 | 2,8 | 4 | 2,8 |
| WLL [t] | 63* | 45.0* | 31.5* | 126* | 88* | 126* | 88* |



Important hints:

- At unsymmetrical loads the WLL must be reduced by 50 %.
- *Choke hitch or endless chains:
With bits, bolts, resp. diameter of shackle pin > 3 x t (250 mm) the WLL of a double strand can be assumed.
With smaller diameters (loading at the edge) the WLL must be reduced by 20 %.

! When using a basket hitch it must be guaranteed that loads cannot shift into dangerous positions or drop (BetrSichV, Attachment 1 acc. to § 7).

