

Lifting Eye RUD VRS-F STARPOINT



Product information

Star shaped design can be adjusted to the direction of pull. Multi-directional threaded design, load rating up to six times the capacity of collared eye nuts. Higher load capacities than DIN 580-Eyebolts

UNC/UN Variants

Material: Forged high tensile engineering steel, crack detected

Marking: According to standard, WLL

Finish: Striking fluorescent pink powder coating

Standard: EN 1677-1

Safety factor: 4:1

Grade: 10

| Part code | Code | WLL ton | Thread mm | B mm | C mm | D mm | E mm | G mm | I mm | K mm | L | N mm | T mm | M mm | Weight kg |
|--------------|-------|---------|-----------|------|------|------|------|------|------|------|----|------|------|------|-----------|
| 421100010262 | VRS-F | 0.1 | M6 | 9 | 7 | 20 | 23 | 28 | 13 | 37 | 9 | 6 | 28 | M6 | 0.07 |
| 421100030260 | VRS-F | 0.3 | M8 | 11 | 9 | 25 | 25 | 30 | 16.3 | 47 | 12 | 6 | 35 | M8 | 0.12 |
| 421100040260 | VRS-F | 0.4 | M10 | 11 | 9 | 25 | 25 | 30 | 16.3 | 47 | 15 | 6 | 35 | M10 | 0.12 |
| 421100080260 | VRS-F | 0.75 | M12 | 13 | 10 | 30 | 30 | 34 | 19.8 | 56 | 18 | 8 | 42 | M12 | 0.21 |
| 421100080267 | VRS-F | 0.75 | M14 | 13 | 10 | 30 | 30 | 34 | 19.8 | 56 | 18 | 8 | 42 | M14 | 0.22 |
| 421100150260 | VRS-F | 1.5 | M16 | 15 | 13 | 35 | 36 | 40 | 23.5 | 65 | 24 | 10 | 49 | M16 | 0.36 |
| 421100150265 | VRS-F | 1.5 | M18 | 15 | 13 | 35 | 36 | 40 | 23.5 | 65 | 24 | 10 | 49 | M18 | 0.39 |
| 421100230260 | VRS-F | 2.3 | M20 | 17 | 16 | 40 | 41 | 50 | 29.3 | 76 | 30 | 12 | 58 | M20 | 0.6 |
| 421100230265 | VRS-F | 2.3 | M22 | 17 | 16 | 40 | 41 | 50 | 29.3 | 76 | 30 | 12 | 58 | M22 | 0.62 |
| 421100320260 | VRS-F | 3.2 | M24 | 20 | 19 | 49 | 51 | 60 | 35 | 92 | 36 | 14 | 70 | M24 | 1.05 |
| 421100320266 | VRS-F | 3.2 | M27 | 20 | 19 | 49 | 51 | 60 | 35 | 92 | 36 | 14 | 70 | M27 | 1.18 |
| 421100450260 | VRS-F | 4.5 | M30 | 26 | 24 | 60 | 66 | 75 | 44 | 114 | 45 | 17 | 87 | M30 | 2.08 |
| 421100700260 | VRS-F | 7 | M36 | 32 | 29 | 73 | 76 | 98 | 53 | 135 | 54 | 22 | 104 | M36 | 3.49 |
| 421100900260 | VRS-F | 9 | M42 | 37 | 33 | 84 | 86 | 111 | 62 | 158 | 63 | 24 | 121 | M42 | 5.4 |
| 421100900268 | VRS-F | 9 | M42 | 37 | 33 | 84 | 86 | 111 | 62 | 158 | 63 | 24 | 121 | M42 | 5.4 |
| 421101200260 | VRS-F | 12 | M48 | 42 | 42 | 94 | 100 | 128 | 70 | 180 | 72 | 27 | 138 | M48 | 8.17 |
| 421102000260 | VRS-F | 20 | M64 | 55 | 48 | 120 | 122 | 157 | 90 | 228 | 96 | 36 | 176 | M64 | 17.79 |

Technical data

Working load limit in metric tons

| Method of lift | | | | | | | | | | | | |
|---|-------------|---|------------|-------------|-----|-------|---------|---------|-------|---------|---------|------|
| Number of legs | | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 / 4 | 3 / 4 | 3 / 4 | |
| Angle of inclination β | | 0°-7° | 90° | 0°-7° | 90° | 0-45° | >45-60° | Unsymm. | 0-45° | >45-60° | Unsymm. | |
| factor | | | 1 | | 2 | 1.4 | 1 | 1 | 2.1 | 1.5 | 1 | |
| Safety factor 4:1 | | for the max. total load weight >G< in metric tons, tightened and adjusted to force direction | | | | | | | | | | |
| Safety factor 4:1 | M6 | 1/4"-20UNC | 0.5 | 0.1 | 1 | 0.2 | 0.14 | 0.1 | 0.1 | 0.21 | 0.15 | 0.1 |
| | M8 | 5/16"-18UNC | 1 | 0.3 | 2 | 0.6 | 0.42 | 0.3 | 0.3 | 0.63 | 0.45 | 0.3 |
| | M8x1 | - | | | | | | | | | | |
| | M10 | 3/8"-16UNC | 1 | 0.4 | 2 | 0.8 | 0.56 | 0.4 | 0.4 | 0.84 | 0.6 | 0.4 |
| | M10x1 | 7/16"-14UNC | | | | | | | | | | |
| | M12 | 1/2"-13UNC | 2 | 0.75 | 4 | 1.5 | 1 | 0.75 | 0.75 | 1.57 | 1.12 | 0.75 |
| | M12x1,5 | - | | | | | | | | | | |
| | M14 | - | | | | | | | | | | |
| | M16 | 5/8"-11UNC | 4 | 1.5 | 8 | 3 | 2.1 | 1.5 | 1.5 | 3.15 | 2.25 | 1.5 |
| | M16x1,5 | - | | | | | | | | | | |
| | M18 | 3/4"-16UNF | | | | | | | | | | |
| | M20 | 3/4"-10UNC | 6 | 2.3 | 12 | 4.6 | 3.22 | 2.3 | 2.3 | 4.83 | 3.45 | 2.3 |
| | M20x2 | - | | | | | | | | | | |
| | M22 | 7/8"-9UNC | | | | | | | | | | |
| | M24 | 1"-8UNC | 8 | 3.2 | 16 | 6.4 | 4.5 | 3.2 | 3.2 | 6.7 | 4.8 | 3.2 |
| | M24x2 | 1 1/8"-8UN | | | | | | | | | | |
| | M27 | 1 1/8"-7UNC | | | | | | | | | | |
| M30 | 1 1/4"-8UN | 12 | 4.5 | 24 | 9 | 6.3 | 4.5 | 4.5 | 9.5 | 6.75 | 4.5 | |
| M30x2 | 1 1/4"-7UNC | | | | | | | | | | | |
| M33 | - | | | | | | | | | | | |
| M36 | 1 1/2"-8UN | 16 | 7 | 32 | 14 | 9.8 | 7 | 7 | 14.7 | 10.5 | 7 | |
| M36x3 | 1 1/2"-6UNC | | | | | | | | | | | |
| M42 | 1 3/4"-5UNC | 24 | 9 | 48 | 18 | 12.6 | 9 | 9 | 18.9 | 13.5 | 9 | |
| M48 | 2"-4,5UNC | 32 | 12 | 64 | 24 | 16.8 | 12 | 12 | 25.2 | 18 | 12 | |
| M56 | - | 50 | 16 | 100 | 32 | 22.4 | 16 | 16 | 33.6 | 24 | 16 | |
| M64 | - | 60 | 20 | 120 | 40 | 28 | 20 | 20 | 42 | 30 | 20 | |
| Safety factor 4:1 | | for the max. total load weight >G< in lbs, tightened and adjusted to force direction | | | | | | | | | | |

Blueprint

