

Hebetechnik

Lifting Technology



ISO 9001:2008
ISO 14001

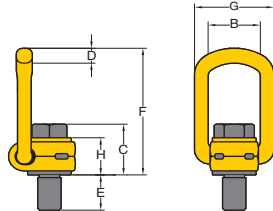
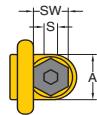
Lastbock LBO
Lifting Point LBO



| Artikel Article | Abmessung Size | Tragfähigkeit WLL kg | Gewicht Weight kg/pce |
|--------------------|-------------------|----------------------------|-----------------------------|
| 8-211-003G | M8 | 300 | 0,2 |
| 8-211-006G | M10 | 630 | 0,3 |
| 8-211-010G | M12 | 1.000 | 0,5 |
| 8-211-012G | M14 | 1.200 | 0,5 |
| 8-211-015G | M16 | 1.500 | 0,5 |
| 8-211-020G | M18 | 2.000 | 1,3 |
| 8-211-025G | M20 | 2.500 | 1,3 |
| 8-211-040G | M24 | 4.000 | 1,4 |
| 8-211-042G | M27 | 4.000 | 2,8 |
| 8-211-050G | M30 | 5.000 | 3,1 |
| 8-211-070G | M36 | 7.000 | 3,3 |
| 8-211-080G | M36 | 8.000 | 5,8 |
| 8-211-100G | M42 | 10.000 | 6,3 |
| 8-211-150G | M42 | 15.000 | 10,8 |
| 8-211-200G | M48 | 20.000 | 11,6 |

Lastbock LBO Tragfähigkeiten Lifting Point LBO Working Load Limit

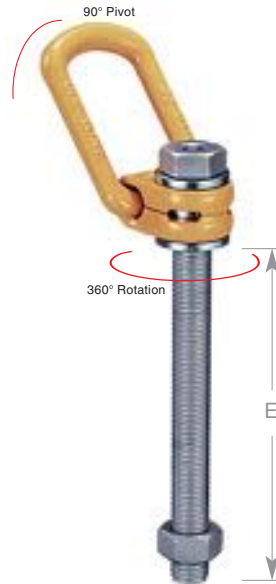
| Artikel Article | Gewinde Thread | Tragfähigkeit in to WLL in to | | | | | | | | | | |
|--------------------|-------------------|----------------------------------|-------|-------|-------|-------|--------|---------|-------|--------|---------|--|
| | | | | | | | | | | | | |
| | | 0° | 0° | 90° | 90° | 0-45° | 45-60° | unsymm. | 0-45° | 45-60° | unsymm. | |
| 8-211-003G | M 8 | 0,30 | 0,60 | 0,30 | 0,60 | 0,42 | 0,30 | 0,30 | 0,63 | 0,45 | 0,30 | |
| 8-211-006G | M10 | 0,63 | 1,26 | 0,63 | 1,26 | 0,88 | 0,63 | 0,63 | 1,32 | 0,95 | 0,63 | |
| 8-211-010G | M12 | 1,00 | 2,00 | 1,00 | 2,00 | 1,40 | 1,00 | 1,00 | 2,10 | 1,50 | 1,00 | |
| 8-211-012G | M14 | 1,20 | 2,40 | 1,20 | 2,40 | 1,70 | 1,20 | 1,20 | 2,50 | 1,80 | 1,20 | |
| 8-211-015G | M16 | 1,50 | 3,00 | 1,50 | 3,00 | 2,10 | 1,50 | 1,50 | 3,10 | 2,20 | 1,50 | |
| 8-211-020G | M18 | 2,00 | 4,00 | 2,00 | 4,00 | 2,80 | 2,00 | 2,00 | 4,20 | 3,00 | 2,00 | |
| 8-211-025G | M20 | 2,50 | 5,00 | 2,50 | 5,00 | 3,50 | 2,50 | 2,50 | 5,20 | 3,70 | 2,50 | |
| 8-211-040G | M24 | 4,00 | 8,00 | 4,00 | 8,00 | 5,60 | 4,00 | 4,00 | 8,40 | 6,00 | 4,00 | |
| 8-211-042G | M27 | 4,00 | 8,00 | 4,00 | 8,00 | 5,60 | 4,00 | 4,00 | 8,40 | 6,00 | 4,00 | |
| 8-211-050G | M30 | 5,00 | 10,00 | 5,00 | 10,00 | 7,00 | 5,00 | 5,00 | 10,50 | 7,50 | 5,00 | |
| 8-211-070G | M36 | 7,00 | 14,00 | 7,00 | 14,00 | 9,80 | 7,00 | 7,00 | 14,70 | 10,50 | 7,00 | |
| 8-211-080G | M36 | 8,00 | 16,00 | 8,00 | 16,00 | 11,20 | 8,00 | 8,00 | 16,80 | 12,00 | 8,00 | |
| 8-211-100G | M42 | 10,00 | 20,00 | 10,00 | 20,00 | 14,00 | 10,00 | 10,00 | 21,00 | 15,00 | 10,00 | |
| 8-211-150G | M42 | 15,00 | 30,00 | 15,00 | 30,00 | 21,00 | 15,00 | 15,00 | 31,50 | 22,50 | 15,00 | |
| 8-211-200G | M48 | 20,00 | 40,00 | 20,00 | 40,00 | 28,00 | 20,00 | 20,00 | 42,00 | 30,00 | 20,00 | |



| Artikel Article | Abmessung Size | Maße in mm Dimensions in mm | | | | | | | | | | | Gewicht Weight kg/pce | Drehmoment Torque Nm | Reparatur Set Repair Kits |
|--------------------|-------------------|--------------------------------|-----|-----|----|----|-----|-----|----|----|----|-------|-----------------------------|----------------------------|------------------------------|
| | | A | B | C | D | E | F | G | H | S | SW | | | | |
| 8-211-003G | M8 x 1,25 | 30 | 35 | 35 | 10 | 11 | 85 | 55 | 29 | 6 | 13 | 0,20 | 30 | 8-P211-003 | |
| 8-211-006G | M10 x 1,50 | 30 | 35 | 36 | 10 | 16 | 85 | 55 | 29 | 6 | 17 | 0,30 | 60 | 8-P211-006 | |
| 8-211-010G | M12 x 1,75 | 33 | 37 | 44 | 14 | 18 | 98 | 57 | 36 | 8 | 19 | 0,50 | 100 | 8-P211-010 | |
| 8-211-012G | M14 x 2,00 | 33 | 37 | 45 | 14 | 21 | 98 | 57 | 36 | 10 | 22 | 0,50 | 120 | 8-P211-012 | |
| 8-211-015G | M16 x 2,00 | 33 | 37 | 46 | 14 | 24 | 98 | 57 | 36 | 10 | 24 | 0,50 | 150 | 8-P211-015 | |
| 8-211-020G | M18 x 2,00 | 50 | 54 | 57 | 17 | 26 | 140 | 82 | 44 | 12 | 30 | 1,30 | 200 | 8-P211-020 | |
| 8-211-025G | M20 x 2,50 | 50 | 54 | 57 | 17 | 30 | 140 | 82 | 44 | 12 | 30 | 1,30 | 250 | 8-P211-025 | |
| 8-211-040G | M24 x 3,00 | 50 | 54 | 59 | 17 | 36 | 140 | 82 | 44 | 14 | 36 | 1,40 | 400 | 8-P211-040 | |
| 8-211-042G | M27 x 3,00 | 60 | 65 | 79 | 23 | 38 | 170 | 99 | 62 | 17 | 41 | 2,80 | 400 | 8-P211-042 | |
| 8-211-050G | M30 x 3,50 | 60 | 65 | 81 | 23 | 48 | 170 | 99 | 62 | 17 | 46 | 3,10 | 500 | 8-P211-050 | |
| 8-211-070G | M36 x 4,00 | 60 | 65 | 88 | 23 | 54 | 178 | 99 | 65 | 22 | 55 | 3,30 | 700 | 8-P211-070 | |
| 8-211-080G | M36 x 4,00 | 77 | 85 | 101 | 27 | 62 | 225 | 124 | 78 | 22 | 55 | 5,80 | 800 | 8-P211-080 | |
| 8-211-100G | M42 x 4,50 | 77 | 85 | 104 | 27 | 72 | 225 | 124 | 78 | 24 | 65 | 6,30 | 1.000 | 8-P211-100 | |
| 8-211-150G | M42 x 4,50 | 95 | 104 | 112 | 36 | 63 | 256 | 158 | 86 | 24 | 65 | 10,80 | 1.500 | 8-P211-150 | |
| 8-211-200G | M48 x 5,00 | 95 | 104 | 120 | 36 | 72 | 259 | 158 | 90 | 27 | 75 | 11,60 | 2.000 | 8-P211-200 | |

2D- und 3D-CAD-Daten für Ihre Konstruktion auf ketten.com
2D- and 3D-CAD-data for your construction on chains.de

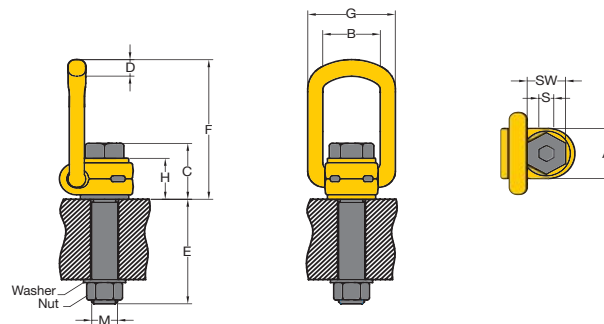
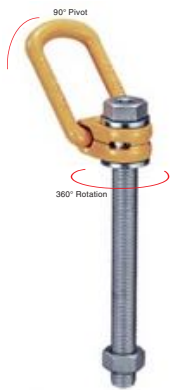
Lastbock LBO lange Schraube
Lifting Point LBO extended bolts



| Artikel Article | Abmessung Size | Tragfähigkeit WLL kg | Schraubenüberstand E in mm Screw extension E in mm | |
|--------------------|-------------------|----------------------------|---|------------|
| | | | Standard | max. Länge |
| 8-211-003L | M8 | 300 | 11 | 76 |
| 8-211-006L | M10 | 630 | 16 | 96 |
| 8-211-010L | M12 | 1.000 | 18 | 114 |
| 8-211-015L | M16 | 1.500 | 24 | 149 |
| 8-211-025L | M20 | 2.500 | 30 | 186 |
| 8-211-040L | M24 | 4.000 | 36 | 221 |
| 8-211-050L | M30 | 5.000 | 48 | 278 |
| 8-211-080L | M36 | 8.000 | 62 | 222 |
| 8-211-100L | M42 | 10.000 | 72 | 272 |
| 8-211-150L | M42 | 15.000 | 63 | 264 |
| 8-211-200L | M48 | 20.000 | 72 | 295 |

Lastbock LBO lange Schraube Tragfähigkeiten Lifting Point LBO extended bolts Working Load Limit

| Artikel Article | Gewinde Thread | Tragfähigkeit in to WLL in to | | | | | | | | | |
|--------------------|-------------------|----------------------------------|---------|----------|----------|-------|--------|--------------|-------|--------|----------------|
| | | | | | | | | | | | |
| | | 1 0° | 2 0° | 1 90° | 2 90° | 0-45° | 45-60° | 2 unsymm. | 0-45° | 45-60° | 3-4 unsymm. |
| 8-211-003L | M 8 | 0,30 | 0,60 | 0,30 | 0,60 | 0,42 | 0,30 | 0,30 | 0,63 | 0,45 | 0,30 |
| 8-211-006L | M10 | 0,63 | 1,26 | 0,63 | 1,26 | 0,88 | 0,63 | 0,63 | 1,32 | 0,95 | 0,63 |
| 8-211-010L | M12 | 1,00 | 2,00 | 1,00 | 2,00 | 1,40 | 1,00 | 1,00 | 2,10 | 1,50 | 1,00 |
| 8-211-015L | M16 | 1,50 | 3,00 | 1,50 | 3,00 | 2,10 | 1,50 | 1,50 | 3,10 | 2,20 | 1,50 |
| 8-211-025L | M20 | 2,50 | 5,00 | 2,50 | 5,00 | 3,50 | 2,50 | 2,50 | 5,20 | 3,70 | 2,50 |
| 8-211-040L | M24 | 4,00 | 8,00 | 4,00 | 8,00 | 5,60 | 4,00 | 4,00 | 8,40 | 6,00 | 4,00 |
| 8-211-050L | M30 | 5,00 | 10,00 | 5,00 | 10,00 | 7,00 | 5,00 | 5,00 | 10,50 | 7,50 | 5,00 |
| 8-211-080L | M36 | 8,00 | 16,00 | 8,00 | 16,00 | 11,20 | 8,00 | 8,00 | 16,80 | 12,00 | 8,00 |
| 8-211-100L | M42 | 10,00 | 20,00 | 10,00 | 20,00 | 14,00 | 10,00 | 10,00 | 21,00 | 15,00 | 10,00 |
| 8-211-150L | M42 | 15,00 | 30,00 | 15,00 | 30,00 | 21,00 | 15,00 | 15,00 | 31,50 | 22,50 | 15,00 |
| 8-211-200L | M48 | 20,00 | 40,00 | 20,00 | 40,00 | 28,00 | 20,00 | 20,00 | 42,00 | 30,00 | 20,00 |



| Artikel Article | Abmessung Size | Maße in mm Dimensions in mm | | | | | | | | | | Gewicht Weight kg/pce | Drehmoment Torque Nm | Reparatur Set Repair Kits |
|--------------------|-------------------|--------------------------------|-----|-----|----|-----|-----|-----|----|----|----|-----------------------------|----------------------------|------------------------------|
| | | A | B | C | D | E | F | G | H | S | SW | | | |
| 8-211-003L | M8 x 1,25 | 30 | 35 | 35 | 10 | 76 | 85 | 55 | 29 | 6 | 13 | 0,30 | 30 | 8-P211-003L |
| 8-211-006L | M10 x 1,50 | 30 | 35 | 36 | 10 | 96 | 85 | 55 | 29 | 6 | 17 | 0,40 | 60 | 8-P211-006L |
| 8-211-010L | M12 x 1,75 | 33 | 37 | 44 | 14 | 114 | 98 | 57 | 36 | 8 | 19 | 0,60 | 100 | 8-P211-010L |
| 8-211-015L | M16 x 2,00 | 33 | 37 | 46 | 14 | 149 | 98 | 57 | 36 | 10 | 24 | 0,70 | 150 | 8-P211-015L |
| 8-211-025L | M20 x 2,50 | 50 | 54 | 57 | 17 | 186 | 140 | 82 | 44 | 12 | 30 | 1,70 | 250 | 8-P211-025L |
| 8-211-040L | M24 x 3,00 | 50 | 54 | 59 | 17 | 221 | 140 | 82 | 44 | 14 | 36 | 2,10 | 400 | 8-P211-040L |
| 8-211-050L | M30 x 3,50 | 60 | 65 | 81 | 23 | 278 | 170 | 99 | 62 | 17 | 46 | 4,30 | 500 | 8-P211-050L |
| 8-211-080L | M36 x 4,00 | 77 | 85 | 101 | 27 | 222 | 225 | 124 | 78 | 22 | 55 | 7,30 | 800 | 8-P211-080L |
| 8-211-100L | M42 x 4,50 | 77 | 85 | 104 | 27 | 272 | 225 | 124 | 78 | 24 | 65 | 8,70 | 1.000 | 8-P211-100L |
| 8-211-150L | M42 x 4,50 | 95 | 104 | 112 | 36 | 264 | 256 | 158 | 86 | 24 | 65 | 13,10 | 1.500 | 8-P211-150L |
| 8-211-200L | M48 x 5,00 | 95 | 104 | 120 | 36 | 295 | 259 | 158 | 90 | 27 | 75 | 15,20 | 2.000 | 8-P211-200L |

2D- und 3D-CAD-Daten für Ihre Konstruktion auf ketten.com
2D- and 3D-CAD-data for your construction on chains.de

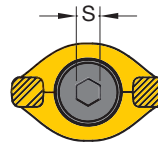
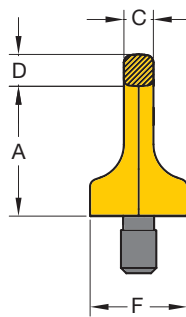
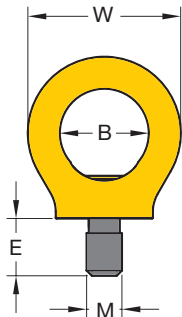
SunPoint SPK
SunPoint SPK



| Artikel Article | Abmessung Size | Tragfähigkeit in kg WLL in kg | | Gewicht Weight kg/pc |
|--------------------|-------------------|----------------------------------|--------|----------------------------|
| | | x | z | |
| 8-291K-003 | M8 | 300 | 1.000 | 0,1 |
| 8-291K-004 | M10 | 400 | 1.000 | 0,1 |
| 8-291K-007 | M12 | 750 | 2.000 | 0,2 |
| 8-291K-015 | M16 | 1.500 | 4.000 | 0,3 |
| 8-291K-023 | M20 | 2.300 | 6.000 | 0,5 |
| 8-291K-032 | M24 | 3.200 | 8.000 | 0,9 |
| 8-291K-045 | M30 | 4.500 | 12.000 | 1,7 |
| 8-291K-070 | M36 | 7.000 | 16.000 | 2,9 |
| 8-291K-090 | M42 | 9.000 | 24.000 | 4,6 |
| 8-291K-120 | M48 | 12.000 | 32.000 | 7,0 |
| 8-291K-140 | M56 | 12.000 | 32.000 | 9,2 |
| 8-291K-150 | M64 | 12.000 | 32.000 | 10,0 |

SunPoint SPK Tragfähigkeiten SunPoint SPK Working Load Limit

| Artikel Article | Gewinde Thread | Tragfähigkeit in to WLL in to | | | | | | | | | |
|--------------------|-------------------|----------------------------------|---------|----------|----------|-------|--------|--------------|-------|--------|----------------|
| | | | | | | | | | | | |
| | | 1 0° | 2 0° | 1 90° | 2 90° | 0-45° | 45-60° | 2 unsymm. | 0-45° | 45-60° | 3-4 unsymm. |
| 8-291K-003 | M 8 | 1,00 | 2,00 | 0,30 | 0,60 | 0,42 | 0,30 | 0,30 | 0,63 | 0,45 | 0,30 |
| 8-291K-004 | M10 | 1,00 | 2,00 | 0,40 | 0,80 | 0,56 | 0,40 | 0,40 | 0,80 | 0,60 | 0,40 |
| 8-291K-007 | M12 | 2,00 | 4,00 | 0,75 | 1,50 | 1,00 | 0,75 | 0,75 | 1,50 | 1,10 | 0,75 |
| 8-291K-015 | M16 | 4,00 | 8,00 | 1,50 | 3,00 | 2,10 | 1,50 | 1,50 | 3,10 | 2,20 | 1,50 |
| 8-291K-023 | M20 | 6,00 | 12,00 | 2,30 | 4,60 | 3,20 | 2,30 | 2,30 | 4,80 | 3,40 | 2,30 |
| 8-291K-032 | M24 | 8,00 | 16,00 | 3,20 | 6,40 | 4,50 | 3,20 | 3,20 | 6,70 | 4,80 | 3,20 |
| 8-291K-045 | M30 | 12,00 | 24,00 | 4,50 | 9,00 | 6,30 | 4,50 | 4,50 | 9,40 | 6,70 | 4,50 |
| 8-291K-070 | M36 | 16,00 | 32,00 | 7,00 | 14,00 | 9,80 | 7,00 | 7,00 | 14,70 | 10,50 | 7,00 |
| 8-291K-090 | M42 | 24,00 | 48,00 | 9,00 | 18,00 | 12,60 | 9,00 | 9,00 | 18,90 | 13,50 | 9,00 |
| 8-291K-120 | M48 | 32,00 | 64,00 | 12,00 | 24,00 | 16,80 | 12,00 | 12,00 | 25,00 | 18,00 | 12,00 |
| 8-291K-140 | M56 | 32,00 | 64,00 | 12,00 | 24,00 | 16,80 | 12,00 | 12,00 | 25,00 | 18,00 | 12,00 |
| 8-291K-150 | M64 | 32,00 | 64,00 | 12,00 | 24,00 | 16,80 | 12,00 | 12,00 | 25,00 | 18,00 | 12,00 |

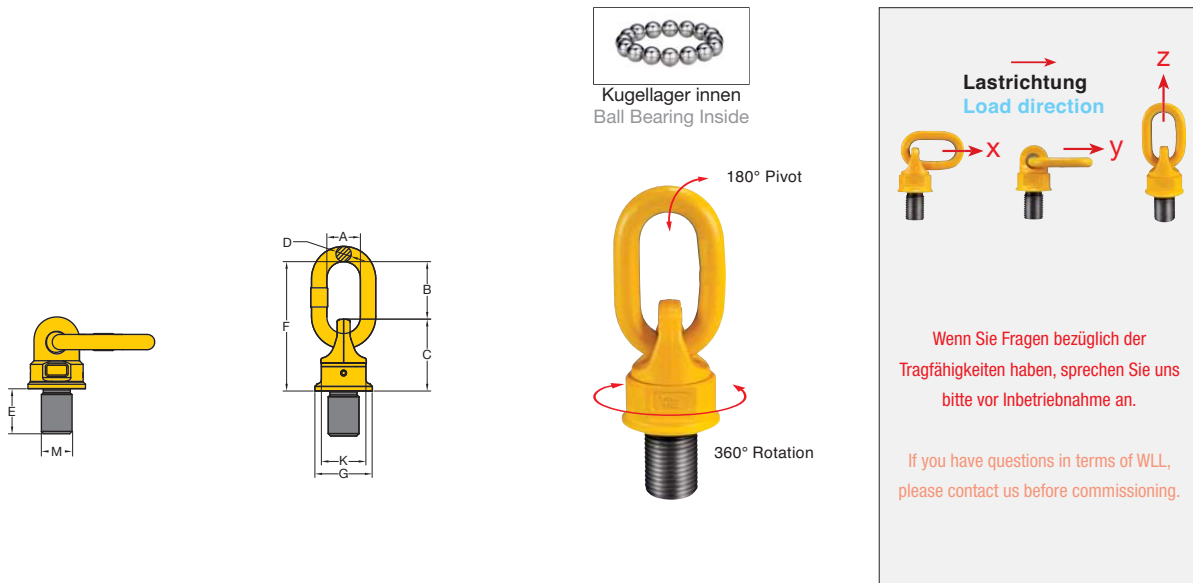


| Artikel Article | Abmessung Size | Maße in mm Dimensions in mm | | | | | | | | Tragfähigkeit in kg WLL in kg | | Gewicht Weight kg/pc |
|--------------------|-------------------|--------------------------------|-----|----|----|----|-----|----|-----|----------------------------------|--------|----------------------------|
| | | A | B | C | D | E | F | S | W | x | z | |
| 8-291K-003 | M8 x 1,25 | 36 | 25 | 8 | 11 | 12 | 25 | 6 | 44 | 300 | 1.000 | 0,1 |
| 8-291K-004 | M10 x 1,50 | 36 | 25 | 8 | 11 | 15 | 25 | 6 | 44 | 400 | 1.000 | 0,1 |
| 8-291K-007 | M12 x 1,75 | 42 | 30 | 10 | 13 | 18 | 33 | 8 | 52 | 750 | 2.000 | 0,2 |
| 8-291K-015 | M16 x 2,00 | 51 | 35 | 14 | 13 | 24 | 35 | 10 | 61 | 1.500 | 4.000 | 0,3 |
| 8-291K-023 | M20 x 2,50 | 57 | 40 | 16 | 17 | 30 | 44 | 12 | 70 | 2.300 | 6.000 | 0,5 |
| 8-291K-032 | M24 x 3,00 | 70 | 48 | 19 | 21 | 36 | 52 | 14 | 84 | 3.200 | 8.000 | 0,9 |
| 8-291K-045 | M30 x 3,50 | 86 | 60 | 24 | 26 | 45 | 62 | 17 | 108 | 4.500 | 12.000 | 1,7 |
| 8-291K-070 | M36 x 4,00 | 103 | 72 | 29 | 32 | 54 | 78 | 22 | 130 | 7.000 | 16.000 | 2,9 |
| 8-291K-090 | M42 x 4,50 | 120 | 82 | 34 | 38 | 63 | 88 | 24 | 150 | 9.000 | 24.000 | 4,6 |
| 8-291K-120 | M48 x 5,00 | 137 | 94 | 38 | 43 | 72 | 104 | 27 | 168 | 12.000 | 32.000 | 7,0 |
| 8-291K-140 | M56 x 5,50 | 147 | 102 | 40 | 43 | 84 | 124 | 27 | 178 | 12.000 | 32.000 | 9,2 |
| 8-291K-150 | M64 x 6,00 | 147 | 102 | 40 | 43 | 84 | 124 | 27 | 178 | 12.000 | 32.000 | 10,0 |

Im Gegensatz zur DIN 580 richtet sich unser SunPoint in Lastrichtung aus.
In opposite to DIN 580 our SunPoint aligns itself in load direction.

2D- und 3D-CAD-Daten für Ihre Konstruktion auf ketten.com
 2D- and 3D-CAD-data for your construction on chains.de

Wirbelbock WBO
Swivel Point WBO



| Artikel Article | Abmessung Size | Maße in mm Dimensions in mm | | | | | | | | Tragfähigkeit in to WLL in to | | | Gewicht Weight kg/pce |
|--------------------|-------------------|--------------------------------|-----|-----|----|-----|-----|-----|-----|----------------------------------|---------|---------|-----------------------------|
| | | A | B | C | D | E | F | G | K | x | y | z | |
| 8-271-003 | M8 | 29 | 32 | 40 | 8 | 12 | 72 | 35 | 30 | 0,30 | (0,40) | [0,60] | 0,2 |
| 8-271-004 | M10 | 29 | 32 | 40 | 8 | 15 | 75 | 35 | 30 | 0,45 | (0,60) | [0,90] | 0,2 |
| 8-271-006 | M12 | 35 | 50 | 45 | 10 | 18 | 95 | 40 | 36 | 0,60 | (0,70) | [1,20] | 0,3 |
| 8-271-013 | M16 | 38 | 50 | 54 | 13 | 24 | 104 | 46 | 41 | 1,30 | (1,50) | [2,60] | 0,5 |
| 8-271-020 | M20 | 38 | 54 | 68 | 13 | 30 | 122 | 62 | 55 | 2,00 | (2,50) | [4,00] | 1,0 |
| 8-271-035 | M24 | 40 | 66 | 88 | 19 | 36 | 154 | 78 | 70 | 3,50 | (4,00) | [7,00] | 2,2 |
| 8-271-060 | M30 | 50 | 86 | 120 | 22 | 46 | 206 | 90 | 80 | 5,00 | (6,00) | [10,00] | 4,5 |
| 8-271-080 | M36 | 50 | 86 | 120 | 22 | 55 | 206 | 90 | 80 | 8,00 | (10,00) | [15,00] | 4,6 |
| 8-271-120 | M42 | 65 | 110 | 122 | 25 | 64 | 235 | 98 | 84 | 13,00 | (13,00) | [17,00] | 5,5 |
| 8-271-130 | M48 | 65 | 110 | 122 | 25 | 73 | 235 | 98 | 84 | 14,00 | (16,00) | [18,00] | 6,1 |
| 8-271-140 | M52 | 70 | 120 | 150 | 32 | 79 | 270 | 120 | 94 | 20,00 | (20,00) | [25,00] | 10,5 |
| 8-271-160 | M56 | 70 | 120 | 150 | 32 | 85 | 270 | 120 | 94 | 20,00 | (22,00) | [28,00] | 10,7 |
| 8-271-161 | M64 | 70 | 120 | 150 | 32 | 95 | 270 | 120 | 94 | 20,00 | (22,00) | [28,00] | 11,6 |
| 8-271-310 | M72 | 90 | 130 | 210 | 45 | 108 | 340 | 170 | 145 | 40,00 | (40,00) | [50,00] | 30,6 |
| 8-271-350 | M80 | 90 | 130 | 210 | 45 | 120 | 340 | 170 | 145 | 40,00 | (48,00) | [50,00] | 31,9 |
| 8-271-400 | M90 | 90 | 130 | 210 | 45 | 135 | 340 | 170 | 145 | 40,00 | (48,00) | [50,00] | 33,9 |

Abmessungen M33, M39, M45, bis M150 auf Anfrage.
Size M33, M39, M45, up to M150 are available upon request.

Wirbelbock WBO Tragfähigkeiten Swivel Point WBO Working Load Limit

| Artikel Article | Gewinde Thread | Tragfähigkeit in to WLL in to | | | | | | | | | | |
|--------------------|-------------------|----------------------------------|--------|-------|-------|-------|-------|--------|-------|---------|-------|-------|
| | | 0° | | 90° | | 0-45° | | 45-60° | | unsymm. | | |
| | | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 3-4 | 3-4 | |
| 8-271-003 | M8 x 1,25 | 0,60 | 1,20 | 0,30 | 0,60 | 0,40 | 0,30 | 0,30 | 0,30 | 0,60 | 0,40 | 0,30 |
| 8-271-004 | M10 x 1,50 | 0,90 | 1,80 | 0,45 | 0,90 | 0,60 | 0,40 | 0,40 | 0,40 | 0,90 | 0,60 | 0,40 |
| 8-271-006 | M12 x 1,75 | 1,20 | 2,40 | 0,60 | 1,20 | 0,80 | 0,60 | 0,60 | 0,60 | 1,20 | 0,90 | 0,60 |
| 8-271-013 | M16 x 2,00 | 2,60 | 5,20 | 1,30 | 2,60 | 1,80 | 1,30 | 1,30 | 1,30 | 2,70 | 1,90 | 1,30 |
| 8-271-020 | M20 x 2,50 | 4,00 | 8,00 | 2,00 | 4,00 | 2,80 | 2,00 | 2,00 | 2,00 | 4,20 | 3,00 | 2,00 |
| 8-271-035 | M24 x 3,00 | 7,00 | 14,00 | 3,50 | 7,00 | 4,90 | 3,50 | 3,50 | 3,50 | 7,30 | 5,20 | 3,50 |
| 8-271-060 | M30 x 3,50 | 10,00 | 20,00 | 5,00 | 10,00 | 7,00 | 5,00 | 5,00 | 5,00 | 10,50 | 7,50 | 5,00 |
| 8-271-080 | M36 x 4,00 | 15,00 | 30,00 | 8,00 | 16,00 | 11,20 | 8,00 | 8,00 | 8,00 | 16,80 | 12,00 | 8,00 |
| 8-271-120 | M42 x 4,50 | 17,00 | 34,00 | 12,00 | 24,00 | 16,80 | 12,00 | 12,00 | 12,00 | 25,20 | 18,00 | 12,00 |
| 8-271-130 | M48 x 5,00 | 18,00 | 36,00 | 13,00 | 26,00 | 18,20 | 13,00 | 13,00 | 13,00 | 27,30 | 19,50 | 13,00 |
| 8-271-140 | M52 x 5,00 | 25,00 | 50,00 | 14,00 | 28,00 | 19,60 | 14,00 | 14,00 | 14,00 | 29,40 | 21,00 | 14,00 |
| 8-271-160 | M56 x 5,50 | 28,00 | 56,00 | 16,00 | 32,00 | 22,40 | 16,00 | 16,00 | 16,00 | 33,60 | 24,00 | 16,00 |
| 8-271-161 | M64 x 6,00 | 28,00 | 56,00 | 16,00 | 32,00 | 22,40 | 16,00 | 16,00 | 16,00 | 33,60 | 24,00 | 16,00 |
| 8-271-310 | M72 x 6,00 | 50,00 | 100,00 | 31,50 | 63,00 | 44,10 | 31,50 | 31,50 | 31,50 | 66,15 | 47,25 | 31,50 |
| 8-271-350 | M80 x 6,00 | 50,00 | 100,00 | 35,00 | 70,00 | 49,00 | 35,00 | 35,00 | 35,00 | 73,50 | 52,50 | 35,00 |
| 8-271-400 | M90 x 6,00 | 50,00 | 100,00 | 40,00 | 80,00 | 56,00 | 40,00 | 40,00 | 40,00 | 84,00 | 60,00 | 40,00 |

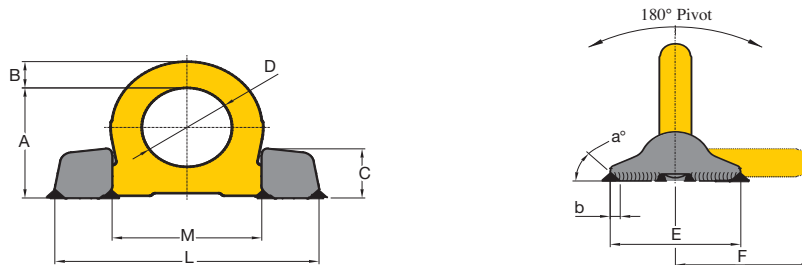
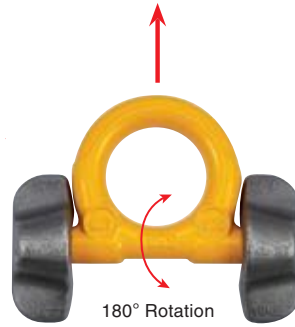
Abmessungen M33, M39, M45, bis M150 auf Anfrage.
Size M33, M39, M45, up to M150 are available upon request.

Wirbelbock WBO Drehmomente Swivel Point WBO Torque

| Abmessung Size | M8 | M10 | M12 | M16 | M20 | M24 | M30 | M36 | M42 | M48 | M52 | M56 | M64 | M72 | M80 | M90 |
|----------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|
| Drehmoment Nm Torque Nm | 10 | 10 | 10 | 30 | 70 | 150 | 350 | 410 | 550 | 550 | 750 | 800 | 800 | 1.200 | 1.500 | 2.000 |

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Ringbock RGB Weld-on Ring RGB



| Artikel Article | Tragfähigkeit WLL kg | Maße in mm Dimensions in mm | | | | | | | | | | Gewicht Weight kg/pce |
|--------------------|----------------------------|--------------------------------|----|----|-----|-----|-----|-----|-----|----|----|-----------------------------|
| | | A | B | C | D | E | F | L | M | a° | b | |
| 8-082-04 | 4.000 | 66 | 14 | 30 | 48 | 65 | 70 | 135 | 76 | 45 | 5 | 0,6 |
| 8-082-06 | 6.700 | 85 | 20 | 39 | 60 | 89 | 91 | 171 | 98 | 45 | 5 | 1,5 |
| 8-082-10 | 10.000 | 95 | 21 | 46 | 65 | 100 | 100 | 196 | 106 | 45 | 7 | 2,4 |
| 8-082-16 | 16.000 | 127 | 30 | 57 | 90 | 130 | 136 | 263 | 149 | 45 | 8 | 5,5 |
| 8-082-30 | 31.500 | 178 | 42 | 78 | 130 | 160 | 195 | 375 | 213 | 45 | 15 | 15,8 |

Ringbock RGB Tragfähigkeiten Weld-on Ring RGB Working Load Limit

| Artikel Article | Tragfähigkeit in to WLL in to | | | | | | | | | |
|--------------------|----------------------------------|---------|----------|----------|------------|-------------|--------------|--------------|---------------|----------------|
| | 1 0° | 2 0° | 1 90° | 2 90° | 2 0-45° | 2 45-60° | 2 unsymm. | 3-4 0-45° | 3-4 45-60° | 3-4 unsymm. |
| 8-082-04 | 4,00 | 8,00 | 4,00 | 8,00 | 5,60 | 4,00 | 4,00 | 8,40 | 6,00 | 4,00 |
| 8-082-06 | 6,70 | 13,40 | 6,70 | 13,40 | 9,40 | 6,70 | 6,70 | 14,10 | 10,10 | 6,70 |
| 8-082-10 | 10,00 | 20,00 | 10,00 | 20,00 | 14,00 | 10,00 | 10,00 | 21,00 | 15,00 | 10,00 |
| 8-082-16 | 16,00 | 32,00 | 16,00 | 32,00 | 22,40 | 16,00 | 16,00 | 33,60 | 24,00 | 16,00 |
| 8-082-30 | 31,50 | 63,00 | 31,50 | 63,00 | 44,10 | 31,50 | 31,50 | 66,20 | 47,30 | 31,50 |

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2D- and 3D-CAD-data for your construction on chains.de

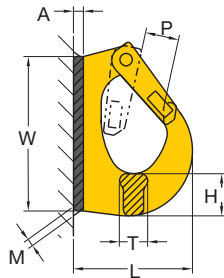
Baggeranschweißhaken BAH
Weld-on Hook BAH



| Artikel Article | Tragfähigkeit | Gewicht |
|--------------------|---------------|------------------|
| | WLL kg | Weight kg/pce |
| 8-081-01 | 1.000 | 0,6 |
| 8-081-02 | 2.000 | 1,0 |
| 8-081-03 | 3.000 | 1,4 |
| 8-081-04 | 4.000 | 2,2 |
| 8-081-05 | 5.000 | 3,0 |
| 8-081-08 | 8.000 | 3,7 |
| 8-081-10 | 10.000 | 6,2 |
| 8-081-15 | 15.000 | 7,9 |

Baggeranschweißhaken BAH Tragfähigkeiten Weld-on Hook BAH Working Load Limit

| Artikel Article | Tragfähigkeit in to WLL in to | | | | | | | | | |
|--------------------|----------------------------------|---------|----------|----------|-------|--------|--------------|-------|--------|----------------|
| | | | | | | | | | | |
| | 1 0° | 2 0° | 1 90° | 2 90° | 0-45° | 45-60° | 2 unsymm. | 0-45° | 45-60° | 3-4 unsymm. |
| 8-081-01 | 1,00 | 2,00 | 1,00 | 2,00 | 1,40 | 1,00 | 1,00 | 2,10 | 1,50 | 1,00 |
| 8-081-02 | 2,00 | 4,00 | 2,00 | 4,00 | 2,80 | 2,00 | 2,00 | 4,20 | 3,00 | 2,00 |
| 8-081-03 | 3,00 | 6,00 | 3,00 | 6,00 | 4,20 | 3,00 | 3,00 | 6,30 | 4,50 | 3,00 |
| 8-081-04 | 4,00 | 8,00 | 4,00 | 8,00 | 5,60 | 4,00 | 4,00 | 8,40 | 6,00 | 4,00 |
| 8-081-05 | 5,00 | 10,00 | 5,00 | 10,00 | 7,00 | 5,00 | 5,00 | 10,50 | 7,50 | 5,00 |
| 8-081-08 | 8,00 | 16,00 | 8,00 | 16,00 | 11,20 | 8,00 | 8,00 | 16,80 | 12,00 | 8,00 |
| 8-081-10 | 10,00 | 20,00 | 10,00 | 20,00 | 14,00 | 10,00 | 10,00 | 21,00 | 15,00 | 10,00 |
| 8-081-15 | 15,00 | 30,00 | 15,00 | 30,00 | 21,00 | 15,00 | 15,00 | 31,50 | 22,50 | 15,00 |



| Artikel Article | Tragfähigkeit WLL kg | Maße in mm Dimensions in mm | | | | | | | | Gewicht Weight kg/pce | Reparatur Set Repair Kits |
|--------------------|----------------------------|--------------------------------|----|----|-----|----|----|----|-----|-----------------------------|------------------------------|
| | | A | F | H | L | M | P | T | W | | |
| 8-081-01 | 1.000 | 7 | 25 | 27 | 70 | 4 | 18 | 18 | 95 | 0,6 | 8-P081-01 |
| 8-081-02 | 2.000 | 8 | 30 | 30 | 85 | 5 | 25 | 20 | 115 | 1,0 | 8-P081-02 |
| 8-081-03 | 3.000 | 9 | 35 | 30 | 107 | 6 | 28 | 23 | 133 | 1,4 | 8-P081-03 |
| 8-081-04 | 4.000 | 10 | 42 | 38 | 114 | 7 | 28 | 30 | 142 | 2,2 | 8-P081-04 |
| 8-081-05 | 5.000 | 12 | 44 | 47 | 135 | 7 | 30 | 31 | 167 | 3,0 | 8-P081-05 |
| 8-081-08 | 8.000 | 12 | 50 | 52 | 137 | 8 | 32 | 39 | 176 | 3,7 | 8-P081-08 |
| 8-081-10 | 10.000 | 13 | 56 | 56 | 170 | 8 | 44 | 42 | 222 | 6,2 | 8-P081-10 |
| 8-081-15 | 15.000 | 14 | 61 | 67 | 184 | 10 | 54 | 45 | 242 | 7,9 | 8-P081-15 |

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