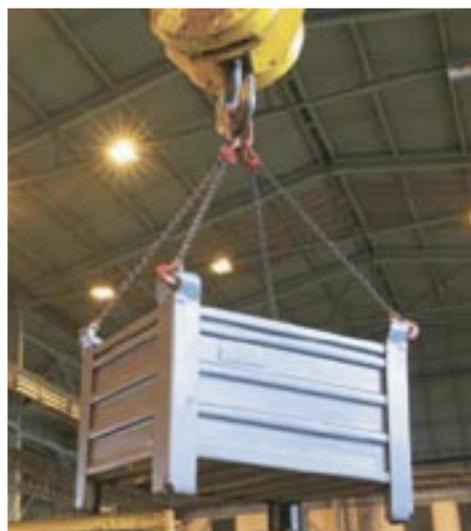


Řetězy třídy 8

Vysokopevnostní závěsné vazací řetězy jsou vyráběny dle normy ČSN EN 818.



| | | | | | |
|-----------------------|--------------------------|----------------------------|-------------------|--------------------------|--------------------------|
| 111 | 110 | 115 | 121 | 151 | 211 |
| | | | | | |
| oko - hák s pojistkou | řetěz s hákem | háček - háček s pojistkami | oko - oko | oko - zúžené oko | oko - 2háček s pojistkou |
| 221 | 251 | 261 | 200 | 311 | 321 |
| | | | | | |
| oko - 2oko | oko - 2zúžené oko | oko - nekonečný závěs | nekonečný řetěz | oko - 3háček s pojistkou | oko - 3oko |
| 351 | 411 | 421 | 451 | 461 | detail uchycení |
| | | | | | |
| oko - 3zúžené oko | oko - 4háček s pojistkou | oko - 4oko | oko - 4zúžené oko | oko - 2nekonečný závěs | |

Řetězy třídy 8

Závěsné vázací řetězy se nesmí používat ponořené v roztocích kyselin ani vystavené párám z kyselin.

Údaje o nosnosti jsou standardně značeny na kovovém štítku, který je nedílnou součástí závěsného vázacího řetězu.

Závěsné vázací řetězy lze používat také v prostředí s rozličnou teplotou dle následujícího schématu:

| teplota prostředí °C | | | |
|----------------------|-------------------|-----------------|-----------------|
| | od -40 do +200 °C | od 200 - 300 °C | od 300 - 400 °C |
| snížení nosnosti | 100% | 90% | 75% |

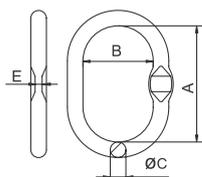


Řetězy třídy 8 - nosnost v kg

| průměr řetězu [mm] | zavěšení na háky a oka | | | | | zavěšení do smyčky | | | | |
|--------------------|-----------------------------|----------------------------|-----------|----------------------------------|-----------|----------------------------|-----------|----------------------------|-----------|-----------------|
| | jednoprarmenný vázací řetěz | dvouprarmenný vázací řetěz | | tří a čtyřprarmenný vázací řetěz | | dvouprarmenný vázací řetěz | | čtyřprarmenný vázací řetěz | | nekonečný řetěz |
| úhel sklonu β | 0° | 0° - 45° | 45° - 60° | 0° - 45° | 45° - 60° | 0° - 45° | 45° - 60° | 0° - 45° | 45° - 60° | 0° |
| koefi cient | 1 | 1,4 | 1 | 2,1 | 1,5 | 1,1 | 0,8 | 1,7 | 1,2 | 1,6 |
| 6 | 1120 | 1600 | 1120 | 2360 | 1700 | 1180 | 850 | 1900 | 1320 | 1800 |
| 8 | 2000 | 2800 | 2000 | 4250 | 3000 | 2120 | 1600 | 3350 | 2360 | 3150 |
| 10 | 3150 | 4250 | 3150 | 6700 | 4750 | 3350 | 2500 | 5300 | 3750 | 5000 |
| 13 | 5300 | 7500 | 5300 | 11200 | 8000 | 5600 | 4000 | 9000 | 6300 | 8500 |
| 16 | 8000 | 11200 | 8000 | 17000 | 11800 | 8500 | 6300 | 13200 | 9500 | 12500 |

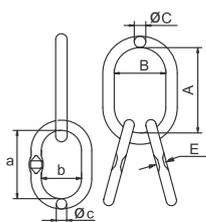
Kovovové komponenty tř. 8

• MS – závěsné oko



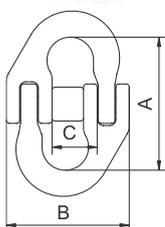
| Označení | Pracovní zatížení (t) | Průměr řetězu (mm) | | | Rozměry (mm) | | | |
|----------|-----------------------|--------------------|------------|---------|--------------|-------|------|------|
| | | 1 pramenné | 2 pramenné | | A | B | Ø C | E |
| | | | b = 45° | b = 60° | | | | |
| MS 13 | 1,60 | 6/7 | 6 | 6/7 | 100,0 | 60,0 | 13,0 | 6,6 |
| MS 16 | 3,10 | 8 | 7/8 | 8 | 120,0 | 70,0 | 16,0 | 6,8 |
| MS 18 | 4,50 | 10 | 10 | 10 | 135,0 | 75,0 | 18,0 | 8,8 |
| MS 20 | 6,20 | 13 | - | 13 | 150,0 | 90,0 | 20,0 | 8,8 |
| MS 22 | 8,00 | 16 | 13 | 16 | 150,0 | 90,0 | 22,0 | 11,0 |
| MS 25 | 10,60 | 18 | - | 18 | 170,0 | 95,0 | 25,0 | 13,0 |
| MS 28 | 12,00 | 19 | 16 | 19 | 200,0 | 120,0 | 28,0 | 13,0 |
| MS 30 | 15,00 | 20/22 | 18 | 20/22 | 200,0 | 120,0 | 30,0 | 16,0 |
| MS 36 | 20,00 | - | 19/20 | - | 250,0 | 150,0 | 36,0 | 16,0 |
| MS 38 | 25,00 | 26 | 22 | 26 | 250,0 | 150,0 | 38,0 | 20,0 |

• MTS – závěsná hlava



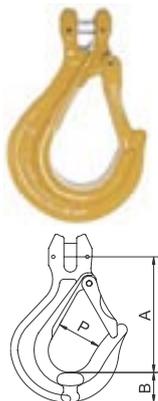
| Označení | Pracovní zatížení (t) | Průměr řetězu (mm) | | Rozměry (mm) | | | | | | |
|----------|-----------------------|--------------------|---------|--------------|-------|------|------|-------|------|------|
| | | 3 a 4 pramenné | | A | B | Ø C | E | a | b | Ø c |
| | | b = 45° | b = 60° | | | | | | | |
| MTS 16 | 2,50 | 6 | 6/7 | 120,0 | 70,0 | 16,0 | 6,7 | 100,0 | 60,0 | 13,0 |
| MTS 18 | 3,50 | 7 | 8 | 135,0 | 75,0 | 18,0 | 7,4 | 100,0 | 60,0 | 16,0 |
| MTS 22 | 6,50 | 8 | 10 | 150,0 | 90,0 | 22,0 | 8,9 | 120,0 | 70,0 | 18,0 |
| MTS 25 | 8,50 | 10 | 13 | 170,0 | 95,0 | 25,0 | 10,6 | 120,0 | 70,0 | 20,0 |
| MTS 28 | 10,00 | - | - | 200,0 | 120,0 | 28,0 | 11,0 | 120,0 | 70,0 | 20,0 |
| MTS 30 | 13,00 | 13 | 16 | 200,0 | 120,0 | 30,0 | 13,4 | 135,0 | 75,0 | 22,0 |
| MTS 36 | 17,00 | 16 | 18/19 | 250,0 | 150,0 | 36,0 | 16,6 | 135,0 | 75,0 | 25,0 |
| MTS 38 | 20,00 | - | 20 | 250,0 | 150,0 | 38,0 | 17,1 | 170,0 | 95,0 | 28,0 |

• MJ – spojovací člen



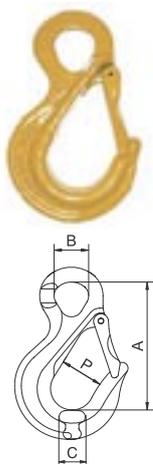
| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | |
|----------|-------------|--------------------|--------------|-------|------|
| | | | A | B | C |
| MJ 6 | 1,12 | 6 | 45,0 | 40,0 | 15,0 |
| MJ 7/8 | 2,00 | 7/8 | 54,0 | 52,0 | 20,0 |
| MJ 10 | 3,15 | 10 | 63,0 | 65,0 | 25,0 |
| MJ 13 | 5,30 | 13 | 84,0 | 82,0 | 30,0 |
| MJ 16 | 8,00 | 16 | 104,0 | 103,0 | 36,0 |
| MJ 18/20 | 12,50 | 18/20 | 127,0 | 120,0 | 45,0 |
| MJ 22 | 15,00 | 22 | 155,0 | 144,0 | 51,0 |
| MJ 26 | 21,20 | 26 | 160,0 | 172,0 | 57,0 |
| MJ 32 | 31,50 | 30/32 | 174,0 | 197,0 | 69,0 |

Kovovové komponenty tř. 8



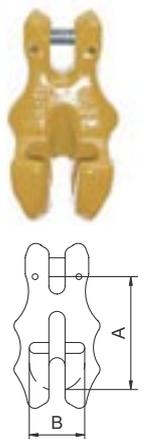
• CSC – řetězový hák s vidlicí a kovanou pojistkou

| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | |
|-----------|-------------|--------------------|--------------|------|------|
| | | | A | B | P |
| CSC 5/6 | 1,12 | 5/6 | 73,0 | 16,0 | 28,0 |
| CSC 7/8 | 2,00 | 7/8 | 95,0 | 20,0 | 29,0 |
| CSC 10 | 3,15 | 10 | 110,0 | 24,0 | 31,0 |
| CSC 13 | 5,30 | 13 | 138,0 | 31,0 | 40,0 |
| CSC 16 | 8,00 | 16 | 162,0 | 33,0 | 47,0 |
| CSC 18/20 | 12,50 | 18/20 | 192,0 | 44,0 | 64,0 |
| CSC 22 | 15,00 | 22 | 230,0 | 61,0 | 90,0 |



• CSO – hák s okem a kovanou pojistkou

| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | | |
|-----------|-------------|--------------------|--------------|------|------|------|
| | | | A | B | C | P |
| CSO 5/6 | 1,12 | 5/6 | 86,0 | 24,0 | 16,0 | 28,0 |
| CSO 7/8 | 2,00 | 7/8 | 102,0 | 26,0 | 19,0 | 31,0 |
| CSO 10 | 3,15 | 10 | 121,0 | 35,0 | 22,0 | 32,0 |
| CSO 13 | 5,30 | 13 | 154,0 | 41,0 | 31,0 | 40,0 |
| CSO 16 | 8,00 | 16 | 185,0 | 50,0 | 34,0 | 47,0 |
| CSO 18/20 | 12,50 | 18/20 | 235,0 | 61,0 | 42,0 | 64,0 |
| CSO 22 | 15,00 | 22 | 268,0 | 73,0 | 50,0 | 90,0 |

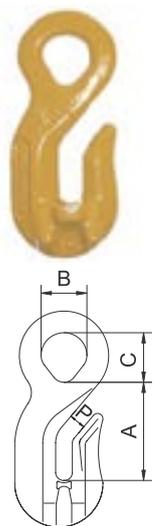


• GC – zkracovací spojka

| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | |
|----------|-------------|--------------------|--------------|-------|------|
| | | | A | B | |
| GC 6 | GCV 6 | 1,12 | 6 | 54,0 | 22,0 |
| GC 7/8 | GCV 8* | 2,00 | 7/8 | 65,0 | 30,0 |
| GC 10 | GCV 10 | 3,15 | 10 | 77,0 | 38,0 |
| GC 13 | GCV 13 | 5,30 | 13 | 105,0 | 49,0 |
| GC 16 | GCV 16 | 8,00 | 16 | 131,0 | 60,0 |
| GC 18/20 | GCV 20** | 12,50 | 18/20 | 143,0 | 76,0 |

* pouze pro průměr řetězu 8 mm

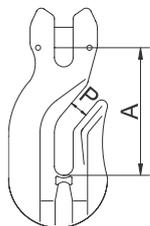
** pouze pro průměr řetězu 20 mm



• CRO – zkracovací hák s okem

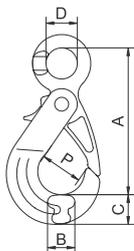
| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | | |
|----------|-------------|--------------------|--------------|------|------|------|
| | | | A | B | C | P |
| CRO 7/8 | 2,00 | 7/8 | 51,0 | 20,0 | 21,0 | 10,0 |
| CRO 10 | 3,15 | 10 | 54,0 | 29,0 | 29,0 | 12,0 |
| CRO 13 | 5,30 | 13 | 89,0 | 39,0 | 44,0 | 15,0 |
| CRO 16 | 8,00 | 16 | 104,0 | 42,0 | 45,0 | 19,0 |

Kovovové komponenty tř. 8



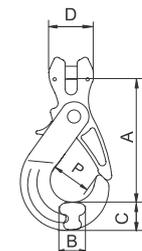
• CRC – zkracovací hák s vidlicí

| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | |
|----------|-------------|--------------------|--------------|------|
| | | | A | P |
| CRC 7/8 | 2,00 | 7/8 | 63,0 | 9,0 |
| CRC 10 | 3,15 | 10 | 75,0 | 12,0 |
| CRC 13 | 5,30 | 13 | 102,0 | 15,0 |
| CRC 16 | 8,00 | 16 | 130,0 | 19,0 |



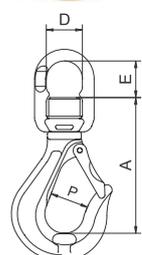
• XLO – bezpečnostní hák s okem

| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | | | |
|----------|-------------|--------------------|--------------|------|------|------|------|
| | | | A | B | C | D | P |
| XLO 0 | 1,12 | 5/6 | 113,0 | 16,0 | 24,0 | 25,0 | 32,0 |
| XLO 1 | 2,00 | 7/8 | 132,0 | 23,0 | 29,0 | 29,0 | 44,0 |
| XLO 2 | 3,15 | 10 | 167,0 | 30,0 | 34,0 | 35,0 | 49,0 |
| XLO 3 | 5,30 | 13 | 194,0 | 35,0 | 43,0 | 47,0 | 64,0 |
| XLO 4 | 8,00 | 16 | 244,0 | 39,0 | 57,0 | 60,0 | 78,0 |
| XLO 5 | 12,50 | 18/20 | 284,0 | 53,0 | 59,0 | 69,0 | 92,0 |



• XLC – bezpečnostní hák s vidlicí

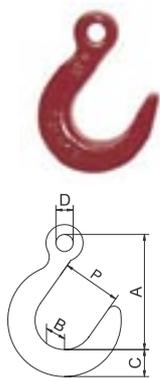
| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | | | |
|----------|-------------|--------------------|--------------|------|------|------|------|
| | | | A | B | C | D | P |
| XLC 0 | 1,12 | 5/6 | 92,0 | 16,0 | 24,0 | 28,0 | 32,0 |
| XLC 1 | 2,00 | 7/8 | 111,0 | 23,0 | 29,0 | 32,0 | 44,0 |
| XLC 2 | 3,15 | 10 | 141,0 | 30,0 | 34,0 | 41,0 | 49,0 |
| XLC 3 | 5,30 | 13 | 167,0 | 35,0 | 43,0 | 53,0 | 64,0 |
| XLC 4 | 8,00 | 16 | 205,0 | 39,0 | 57,0 | 64,0 | 78,0 |
| XLC 5 | 12,50 | 18/20 | 234,0 | 53,0 | 59,0 | 80,0 | 92,0 |



• CSE – otočný hák s okem

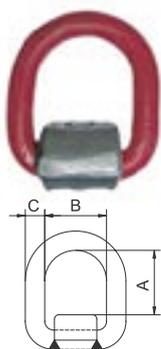
| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | | |
|-----------|-------------|--------------------|--------------|------|------|------|
| | | | A | D | E | P |
| CSE 5/6 | 1,12 | 5/6 | 101,0 | 29,0 | 31,0 | 28,0 |
| CSE 7/8 | 2,00 | 7/8 | 121,0 | 32,0 | 33,0 | 29,0 |
| CSE 10 | 3,15 | 10 | 147,0 | 37,0 | 40,0 | 31,0 |
| CSE 13 | 5,30 | 13 | 185,0 | 47,0 | 46,0 | 40,0 |
| CSE 16 | 8,00 | 16 | 211,0 | 57,0 | 56,0 | 47,0 |
| CSE 18/20 | 12,50 | 18/20 | 265,0 | 66,0 | 58,0 | 64,0 |

Kovovové komponenty tř. 8



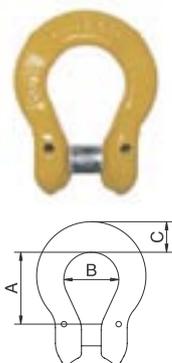
• CFO – slévárenský hák s okem

| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | | | |
|-----------|-------------|--------------------|--------------|------|------|------|-------|
| | | | A | B | C | D | P |
| CFO 6/7 | 1,12 | 6/7 | 94,0 | 20,0 | 25,0 | 15,0 | 49,0 |
| CFO 8 | 2,00 | 8 | 122,0 | 26,0 | 32,0 | 18,0 | 62,0 |
| CFO 10 | 3,15 | 10 | 145,0 | 31,0 | 36,0 | 20,0 | 76,0 |
| CFO 13 | 5,30 | 13 | 175,0 | 38,0 | 41,0 | 26,0 | 89,0 |
| CFO 16 | 8,00 | 16 | 205,0 | 45,0 | 48,0 | 32,0 | 102,0 |
| CFO 18/20 | 12,50 | 18/20 | 235,0 | 51,0 | 54,0 | 40,0 | 114,0 |
| CFO 22 | 15,00 | 22 | 265,0 | 65,0 | 70,0 | 47,0 | 127,0 |



• PAS – vázací oko k navaření

| Označení | Pracovní zatížení (t) | Průměr řetězu (mm) | | |
|----------|-----------------------|--------------------|------|------|
| | | A | B | C |
| PAS 1 | 1,20 | 42,0 | 40,0 | 13,0 |
| PAS 3 | 3,20 | 48,0 | 45,0 | 18,0 |
| PAS 5 | 5,30 | 57,0 | 55,0 | 22,0 |
| PAS 8 | 8,00 | 67,0 | 70,0 | 26,0 |
| PAS 15 | 15,00 | 93,0 | 97,0 | 34,0 |



• CO – spojovací člen omega link

| Označení | Nosnost (t) | Průměr řetězu (mm) | Rozměry (mm) | | |
|----------|-------------|--------------------|--------------|------|------|
| | | | A | B | C |
| CO 5/6 | 1,12 | 5/6 | 25,0 | 20,0 | 9,0 |
| CO 7/8 | 2,00 | 7/8 | 34,0 | 23,0 | 16,0 |
| CO 10 | 3,15 | 10 | 41,0 | 31,0 | 17,0 |
| CO 13 | 5,30 | 13 | 54,0 | 40,0 | 21,0 |
| CO 16 | 8,00 | 16 | 64,0 | 48,0 | 26,0 |
| CO 18/20 | 12,50 | 18/20 | 82,0 | 58,0 | 35,0 |



• AL - šroub s okem

| Označení | Nosnost (t) | Ø ISO M | Ø bez závitů (mm) | Rozměry (mm) | | | |
|----------|-------------|-------------|-------------------|--------------|------|------|------|
| | | | | A | B | L | C |
| AL 6 | 0,20 | M 6 × 1,00 | 12,0 | 16,0 | 20,0 | 20,0 | 6,0 |
| AL 8 | 0,40 | M 8 × 1,25 | 12,0 | 18,0 | 20,0 | 23,0 | 7,0 |
| AL 10 | 0,70 | M 10 × 1,50 | 14,0 | 19,0 | 22,0 | 30,0 | 8,0 |
| AL 12 | 1,00 | M 12 × 1,75 | 16,0 | 22,0 | 27,0 | 36,0 | 10,0 |
| AL 14 | 1,20 | M 14 × 2,00 | 18,0 | 28,0 | 30,0 | 41,0 | 14,0 |
| AL 16 | 1,50 | M 16 × 2,00 | 22,0 | 30,0 | 36,0 | 53,0 | 15,0 |
| AL 18 | 2,00 | M 18 × 2,50 | 22,0 | 30,0 | 36,0 | 53,0 | 15,0 |
| AL 20 | 2,50 | M 20 × 2,50 | 26,0 | 32,0 | 40,0 | 58,0 | 16,0 |
| AL 22 | 3,00 | M 22 × 2,50 | 28,0 | 38,0 | 45,0 | 64,0 | 19,0 |
| AL 24 | 4,00 | M 24 × 3,00 | 30,0 | 42,0 | 54,0 | 64,0 | 20,0 |

Kovové komponenty tř. 8

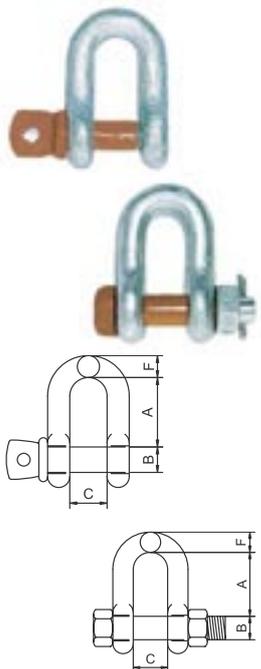
- ADA – výkyvný a otočný šroub s okem



| Označení | Nosnost (t) | Ø ISO M | Rozměry (mm) | | | | | | | | |
|----------|-------------|-------------|--------------|------|------|------|------|------|-------|------|------|
| | | | A | B | C | D | E | F | G | I | L |
| ADA 8 | 0,40 | M 8 × 1,25 | 30,0 | 39,0 | 18,0 | 13,0 | 34,0 | 44,0 | 68,0 | 27,0 | 17,0 |
| ADA 10 | 0,70 | M 10 × 1,50 | 30,0 | 39,0 | 18,0 | 13,0 | 34,0 | 44,0 | 68,0 | 27,0 | 17,0 |
| ADA 12 | 1,00 | M 12 × 1,75 | 30,0 | 39,0 | 18,0 | 13,0 | 34,0 | 44,0 | 68,0 | 27,0 | 21,0 |
| ADA 14 | 1,30 | M 14 × 2,00 | 30,0 | 39,0 | 18,0 | 13,0 | 34,0 | 44,0 | 68,0 | 27,0 | 24,0 |
| ADA 16 | 1,60 | M 16 × 2,00 | 30,0 | 39,0 | 18,0 | 13,0 | 34,0 | 44,0 | 68,0 | 27,0 | 24,0 |
| ADA 18 | 2,00 | M 18 × 2,50 | 30,0 | 39,0 | 18,0 | 13,0 | 34,0 | 44,0 | 68,0 | 27,0 | 27,0 |
| ADA 20 | 2,50 | M 20 × 2,50 | 30,0 | 39,0 | 18,0 | 13,0 | 34,0 | 44,0 | 68,0 | 33,0 | 30,0 |
| ADA 22 | 3,00 | M 22 × 2,50 | 45,0 | 60,0 | 28,0 | 20,0 | 53,0 | 70,0 | 105,0 | 45,0 | 33,0 |
| ADA 24 | 4,00 | M 24 × 3,00 | 45,0 | 60,0 | 28,0 | 20,0 | 53,0 | 70,0 | 105,0 | 45,0 | 36,0 |

- MDV – závěsný třmen rovný s dříkem se závitem

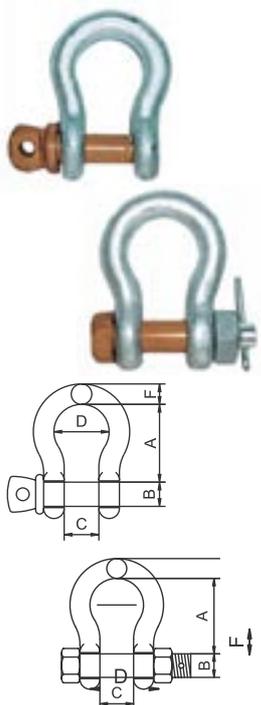
- MDB – závěsný třmen rovný se šroubem a maticí



| Označení | Nosnost (t) | Rozměry (mm) | | | | | |
|----------|-------------|--------------|-----------|--------|------|------|------|
| | | A | F (palce) | F | B | C | |
| MDV 0,5 | - | 0,50 | 23,0 | 1/4" | 6,0 | 8,0 | 12,0 |
| MDV 0,75 | - | 0,75 | 25,0 | 5/16" | 8,0 | 10,0 | 13,0 |
| MDV 1 | MDB 1 | 1,00 | 32,0 | 3/8" | 10,0 | 12,0 | 17,0 |
| MDV 1,5 | MDB 1,5 | 1,50 | 37,0 | 7/16" | 11,0 | 14,0 | 18,0 |
| MDV 2 | MDB 20,2 | 2,00 | 42,0 | 1/2" | 13,0 | 16,0 | 21,0 |
| MDV 3,25 | MDB 3,25 | 3,25 | 53,0 | 5/8" | 16,0 | 20,0 | 27,0 |
| MDV 4,75 | MDB 4,75 | 4,75 | 61,0 | 3/4" | 19,0 | 22,0 | 32,0 |
| MDV 6,5 | MDB 6,5 | 6,50 | 72,0 | 7/8" | 22,0 | 27,0 | 35,0 |
| MDV 8,5 | MDB 8,5 | 8,50 | 86,0 | 1" | 25,0 | 29,0 | 42,0 |
| MDV 9,5 | MDB 9,5 | 9,50 | 95,0 | 1" 1/8 | 29,0 | 33,0 | 45,0 |
| MDV 12 | MDB 12 | 12,00 | 107,0 | 1" 1/4 | 32,0 | 36,0 | 50,0 |
| MDV 13,5 | MDB 13,5 | 13,50 | 121,0 | 1" 3/8 | 35,0 | 39,0 | 55,0 |
| MDV 17 | MDB 17 | 17,00 | 132,0 | 1" 1/2 | 38,0 | 42,0 | 61,0 |
| MDV 25 | MDB 25 | 25,00 | 162,0 | 1" 3/4 | 44,0 | 51,0 | 73,0 |

- MLV – závěsný třmen omega s dříkem se závitem

- MLB – závěsný třmen omega se šroubem a maticí



| Označení | Nosnost (t) | Rozměry (mm) | | | | | | |
|----------|-------------|--------------|-----------|--------|------|------|------|-------|
| | | A | F (palce) | F | B | C | D | |
| MLV 0,5 | - | 0,50 | 30,0 | 1/4" | 6,0 | 8,0 | 12,0 | 19,0 |
| MLV 0,75 | - | 0,75 | 31,0 | 5/16" | 8,0 | 10,0 | 13,0 | 21,0 |
| MLV 1 | MLB 1 | 1,00 | 38,0 | 3/8" | 10,0 | 12,0 | 17,0 | 26,0 |
| MLV 1,5 | MLB 1,5 | 1,50 | 43,0 | 7/16" | 11,0 | 14,0 | 18,0 | 29,0 |
| MLV 2 | MLB 2 | 2,00 | 48,0 | 1/2" | 13,0 | 16,0 | 21,0 | 32,0 |
| MLV 3,25 | MLB 3,25 | 3,25 | 60,0 | 5/8" | 16,0 | 20,0 | 27,0 | 41,0 |
| MLV 4,75 | MLB 4,75 | 4,75 | 73,0 | 3/4" | 19,0 | 22,0 | 32,0 | 49,0 |
| MLV 6,5 | MLB 6,5 | 6,50 | 84,0 | 7/8" | 22,0 | 27,0 | 35,0 | 58,0 |
| MLV 8,5 | MLB 8,5 | 8,50 | 95,0 | 1" | 25,0 | 29,0 | 42,0 | 68,0 |
| MLV 9,5 | MLB 9,5 | 9,50 | 108,0 | 1" 1/8 | 29,0 | 33,0 | 45,0 | 74,0 |
| MLV 12 | MLB 12 | 12,00 | 119,0 | 1" 1/4 | 32,0 | 36,0 | 50,0 | 84,0 |
| MLV 13,5 | MLB 13,5 | 13,50 | 133,0 | 1" 3/8 | 35,0 | 39,0 | 55,0 | 92,0 |
| MLV 17 | MLB 17 | 17,00 | 146,0 | 1" 1/2 | 38,0 | 42,0 | 61,0 | 100,0 |
| MLV 25 | MLB 25 | 25,00 | 178,0 | 1" 3/4 | 44,0 | 51,0 | 73,0 | 135,0 |