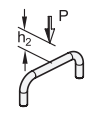


Strength Values of Plastic Cabinet U-Handles

Sorted by Series Number



Impact strength
 $S_1 = P \times h_1$



Impact strength
 $S_2 = P \times h_2$



Breaking load K_1
(N / lbf)



Breaking load K_2
(N / lbf)

Extensive test series were carried out in order to obtain strength details for the plastic cabinet U-handles listed below. The results provide information on the impact strength and the breaking load under normal stress in two load directions.

The impact strength S_1 / S_2 was determined according to the sketch shown opposite:

A cylindrical steel element rounded at the tip (weight 0.680 kg) repeatedly hits the handle, increasing the drop height h by 0.1 mm with every drop. Fracture occurs at the specified S values.

The details given on strength are non-binding guide values without any liability. In general, they do not constitute a warranty of quality. The user must determine from case to case if a product is suitable for the intended use.

| Ledge Handles EN 130 → www.jwwinco.com | | | |
|---|--------------------------|-------------------------|--|
| Size in mm | 100-M6 | 100-B4.5 | |
| S_1 in J | - | - | |
| S_2 in J | 10 | 7 | |
| K_1 | 3000 N <i>674 lbf</i> | 700 N <i>157 lbf</i> | |
| K_2 | 1900 N <i>427 lbf</i> | 900 N <i>202 lbf</i> | |

| Ledge Handles EN 130.2 → page 192 | | | |
|-----------------------------------|--------------------------|--------------------------|--|
| Size in mm | 100-M4 | 100-B4.5 | |
| S_1 in J | - | - | |
| S_2 in J | 3 | 3 | |
| K_1 | 3500 N <i>787 lbf</i> | 3000 N <i>674 lbf</i> | |
| K_2 | 2800 N <i>629 lbf</i> | 2800 N <i>629 lbf</i> | |

| Ledge Handles EN 130.3 → page XYZ | | | |
|-----------------------------------|--------------------------|--------------------------|--|
| Size in mm | 108-M5 | 100-B4.5 | |
| S_1 in J | - | - | |
| S_2 in J | 6 | 6 | |
| K_1 | 2400 N <i>540 lbf</i> | 2600 N <i>585 lbf</i> | |
| K_2 | 1400 N <i>315 lbf</i> | 1300 N <i>292 lbf</i> | |

| Finger Grip Handles EN 224.3 → page 159 | | | |
|---|--------------------------|--------------------------|--|
| Size in mm | 9 | 10 | |
| S_1 in J | 6 | 10 | |
| S_2 in J | - | - | |
| K_1 | - | - | |
| K_2 | 2300 N <i>517 lbf</i> | 2300 N <i>517 lbf</i> | |



Strength Values of Plastic Cabinet U-Handles continued (2/7)

| Arch Handles EN 365 → page 158 | | | | | | | | |
|--------------------------------|-------------------|--|--|--|--|--|--|--|
| Size in mm | 132 | | | | | | | |
| S ₁ in J | 15 | | | | | | | |
| S ₂ in J | 7 | | | | | | | |
| K ₁ | 2100 N 472 lbf | | | | | | | |
| K ₂ | 2600 N 585 lbf | | | | | | | |

| Cabinet U-Handles EN 525 → page 110 | | | | | | | | |
|-------------------------------------|-------------------|--------------------|-------------------|--|--|--|--|--|
| Size in mm | 86 | 117 | 179 | | | | | |
| S ₁ in J | 5 | 6 | 7 | | | | | |
| S ₂ in J | 6 | 10 | 8 | | | | | |
| K ₁ | 2500 N 562 lbf | 4000 N 899 lbf | 3000 N 674 lbf | | | | | |
| K ₂ | 2500 N 562 lbf | 5000 N 1124 lbf | 2000 N 450 lbf | | | | | |

| Cabinet U-Handles EN 528-PA → page 114 | | | | | | | | |
|--|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Size in mm | 94 | 117 | 122 | 132 | 140 | 160 | 179 | 235 |
| S ₁ in J | 15 | 20 | 25 | 27 | 27 | 29 | 20 | 40 |
| S ₂ in J | 8 | 13 | 14 | 14 | 20 | 20 | 20 | 34 |
| K ₁ | 3500 N 787 lbf | 4500 N 1012 lbf | 3700 N 832 lbf | 3500 N 787 lbf | 3400 N 764 lbf | 3300 N 742 lbf | 2800 N 629 lbf | 3200 N 719 lbf |
| K ₂ | 2500 N 562 lbf | 2500 N 562 lbf | 2500 N 562 lbf | 2500 N 562 lbf | 2600 N 585 lbf | 2700 N 607 lbf | 2700 N 607 lbf | 3500 N 787 lbf |

| Cabinet U-Handles EN 528-PP → page 114 | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Size in mm | 94 | 117 | 122 | 132 | 140 | 160 | 179 | 235 |
| S ₁ in J | 8 | 10 | 12 | 12 | 13 | 15 | 16 | 17 |
| S ₂ in J | 3 | 4 | 5 | 5 | 6 | 7 | 8 | 11 |
| K ₁ | 1700 N 382 lbf | 2000 N 450 lbf | 1600 N 360 lbf | 2000 N 450 lbf | 1800 N 405 lbf | 1800 N 405 lbf | 1800 N 405 lbf | 1700 N 382 lbf |
| K ₂ | 1300 N 292 lbf | 1500 N 337 lbf | 1500 N 337 lbf | 1300 N 292 lbf | 1300 N 292 lbf | 1300 N 292 lbf | 1300 N 292 lbf | 1700 N 382 lbf |

| Cabinet U-Handles EN 528-SV → page 114 | | | | | Cabinet U-Handles EN 528-ESD → page 114 | | | |
|--|-------------------|-------------------|-------------------|-------------------|---|-------------------|--------------------|--|
| Size in mm | 94 | 117 | 132 | 179 | Size in mm | 94 | 117 | |
| S ₁ in J | 9 | 10 | 12 | 20 | S ₁ in J | 15 | 20 | |
| S ₂ in J | 5 | 8 | 8 | 13 | S ₂ in J | 8 | 13 | |
| K ₁ | 1750 N 393 lbf | 3500 N 787 lbf | 3000 N 674 lbf | 1400 N 315 lbf | K ₁ | 3500 N 787 lbf | 4500 N 1012 lbf | |
| K ₂ | 1700 N 382 lbf | 2200 N 495 lbf | 1800 N 405 lbf | 2100 N 472 lbf | K ₂ | 2500 N 562 lbf | 2500 N 562 lbf | |

| Cabinet U-Handles EN 528.1-PA → page 116 | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Size in mm | 94 | 105 | 117 | 132 | 179-M8 | 179-M10 |
| S ₁ in J | 10 | 10 | 12 | 18 | 24 | 24 |
| S ₂ in J | 6 | 7 | 9 | 16 | 30 | 30 |
| K ₁ | 2000 N 450 lbf | 2000 N 450 lbf | 3000 N 674 lbf | 2000 N 450 lbf | 3000 N 674 lbf | 3200 N 719 lbf |
| K ₂ | 1800 N 405 lbf | 1800 N 405 lbf | 1600 N 360 lbf | 1800 N 405 lbf | 2300 N 517 lbf | 2500 N 562 lbf |

Strength Values of Plastic Cabinet U-Handles continued (3/7)

| Cabinet U-Handles EN 528.1-PP → page 116 | | | | | | | |
|--|-------------------|--|--|--|--|--|--|
| Size in mm | 117 | | | | | | |
| S ₁ in J | 9 | | | | | | |
| S ₂ in J | 4 | | | | | | |
| K ₁ | 1900 N 427 lbf | | | | | | |
| K ₂ | 950 N 214 lbf | | | | | | |

| Cabinet U-Handles EN 528.2 → page 118 | | | | | | | |
|---------------------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Size in mm | 94 | 117 | 122 | 140 | 150 | 160 | 179 |
| S ₁ in J | 16 | 17 | 25 | 27 | 27 | 22 | 20 |
| S ₂ in J | 6 | 7 | 14 | 20 | 15 | 15 | 20 |
| K ₁ | 3500 N 787 lbf | 4500 N 1012 lbf | 3700 N 832 lbf | 3400 N 764 lbf | 3000 N 674 lbf | 3300 N 742 lbf | 2800 N 629 lbf |
| K ₂ | 2500 N 562 lbf | 2500 N 562 lbf | 2500 N 562 lbf | 2600 N 585 lbf | 2600 N 585 lbf | 2700 N 607 lbf | 2700 N 607 lbf |

| Cabinet U-Handles EN 528.3 → page 118 | | | | | | | |
|---------------------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--|
| Size in mm | 94 | 117 | 122 | 140 | 150 | 160 | |
| S ₁ in J | 15 | 20 | 25 | 27 | 27 | 22 | |
| S ₂ in J | 8 | 13 | 14 | 20 | 15 | 15 | |
| K ₁ | 3500 N 787 lbf | 4500 N 1012 lbf | 3700 N 832 lbf | 3400 N 764 lbf | 3000 N 674 lbf | 3300 N 742 lbf | |
| K ₂ | 2500 N 562 lbf | 2500 N 562 lbf | 2500 N 562 lbf | 2600 N 585 lbf | 2600 N 585 lbf | 2700 N 607 lbf | |

| Cabinet U-Handles EN 528.4 → page 116 | | | | | | | |
|---------------------------------------|-------------------|-------------------|--|--|--|--|--|
| Size in mm | 117 | 179 | | | | | |
| S ₁ in J | 11 | 24 | | | | | |
| S ₂ in J | 9 | 30 | | | | | |
| K ₁ | 2200 N 495 lbf | 3400 N 764 lbf | | | | | |
| K ₂ | 1400 N 315 lbf | 2600 N 585 lbf | | | | | |

| Cabinet U-Handles EN 625 → page 109 | | | | | | | |
|-------------------------------------|--------------------|--------------------|-------------------|-------------------|--|--|--|
| Size in mm | 86 | 117 | 179 | 300 | | | |
| S ₁ in J | 50 | 50 | 27 | 25 | | | |
| S ₂ in J | 120 | 120 | 80 | 75 | | | |
| K ₁ | 4000 N 899 lbf | 4000 N 899 lbf | 3000 N 674 lbf | 2000 N 450 lbf | | | |
| K ₂ | 7000 N 1574 lbf | 5000 N 1124 lbf | 3500 N 787 lbf | 3000 N 674 lbf | | | |

| Cabinet U-Handles EN 627 → www.jwwinco.com | | | | | | | |
|--|-------------------|-------------------|--|--|--|--|--|
| Size in mm | 88 | 120 | | | | | |
| S ₁ in J | 11 | 11 | | | | | |
| S ₂ in J | 9 | 9 | | | | | |
| K ₁ | 2000 N 450 lbf | 2000 N 450 lbf | | | | | |
| K ₂ | 2200 N 495 lbf | 2200 N 495 lbf | | | | | |



Strength Values of Plastic Cabinet U-Handles continued (4/7)

| Bridge Handles EN 628 → page 130 | | | | | | | |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
| Size in mm | 94 | 117 | 120 | 132 | 150 | 179 | |
| S ₁ in J | 8 | 10 | 10 | 11 | 12 | 16 | |
| S ₂ in J | 3 | 4 | 4 | 4 | 5 | 9 | |
| K ₁ | 2000 N 450 lbf | 2700 N 607 lbf | 2700 N 607 lbf | 2700 N 607 lbf | 2700 N 607 lbf | 2200 N 495 lbf | |
| K ₂ | 1500 N 337 lbf | 1800 N 405 lbf | 1800 N 405 lbf | 1800 N 405 lbf | 1500 N 337 lbf | 1500 N 337 lbf | |

| Bridge Handles EN 628.1 → www.jwwinco.com | | | | | | | |
|---|-------------------|-------------------|--|--|--|--|--|
| Size in mm | 117 | 179 | | | | | |
| S ₁ in J | 10 | 16 | | | | | |
| S ₂ in J | 4 | 9 | | | | | |
| K ₁ | 2700 N 607 lbf | 2200 N 495 lbf | | | | | |
| K ₂ | 1800 N 405 lbf | 1500 N 337 lbf | | | | | |

| Bridge Handles EN 628.4 → page 132 | | | | | | | |
|------------------------------------|-------------------|--|--|--|--|--|--|
| Size in mm | 132 | | | | | | |
| S ₁ in J | 35 | | | | | | |
| S ₂ in J | 8 | | | | | | |
| K ₁ | 2800 N 629 lbf | | | | | | |
| K ₂ | 2900 N 652 lbf | | | | | | |

| Bridge Handles EN 628.5 → page 134 | | | | | | | |
|------------------------------------|-------------------|--|--|--|--|--|--|
| Size in mm | 132 | | | | | | |
| S ₁ in J | 31 | | | | | | |
| S ₂ in J | 13 | | | | | | |
| K ₁ | 4400 N 989 lbf | | | | | | |
| K ₂ | 4400 N 989 lbf | | | | | | |

| Cabinet U-Handles EN 629 → page XYZ | | | | | | | |
|-------------------------------------|-------------------|--|--|--|--|--|--|
| Size in mm | 117 | | | | | | |
| S ₁ in J | 20 | | | | | | |
| S ₂ in J | 30 | | | | | | |
| K ₁ | 3000 N 674 lbf | | | | | | |
| K ₂ | 2500 N 562 lbf | | | | | | |

| Cabinet U-Handles EN 629.1 → page XYZ | | | | | | | |
|---------------------------------------|-------------------|--|--|--|--|--|--|
| Size in mm | 117 | | | | | | |
| S ₁ in J | 10 | | | | | | |
| S ₂ in J | 30 | | | | | | |
| K ₁ | 2800 N 629 lbf | | | | | | |
| K ₂ | 2500 N 562 lbf | | | | | | |

Strength Values of Plastic Cabinet U-Handles continued (5/7)

| Off-Set Enclosed Safety U-Handles EN 630 → page 194 | | | | | | | | | | |
|---|----------------|--|--|--|--|--|--|--|--|--|
| Size in mm | 114 | | | | | | | | | |
| S ₁ in J | - | | | | | | | | | |
| S ₂ in J | - | | | | | | | | | |
| K ₁ | 90 N 20 lbf | | | | | | | | | |
| K ₂ | - | | | | | | | | | |

| Off-Set Open U-Handles EN 630.1 → page 108 | | | | | | | | | | |
|--|----------------|--|--|--|--|--|--|--|--|--|
| Size in mm | 114 | | | | | | | | | |
| S ₁ in J | - | | | | | | | | | |
| S ₂ in J | - | | | | | | | | | |
| K ₁ | 90 N 20 lbf | | | | | | | | | |
| K ₂ | - | | | | | | | | | |

| Cabinet U-Handles EN 725 → page 104 | | | | | | | | | | |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Size in mm | 86 | 94 | 117 | 120 | 132 | 150 | 160 | 179 | 235 | 300 |
| S ₁ in J | 12 | 10 | 8 | 8 | 8 | 8 | 8 | 11 | 11 | 18 |
| S ₂ in J | 6 | 8 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 11 |
| K ₁ | 2400 N 540 lbf | 2300 N 517 lbf | 2250 N 506 lbf | 2250 N 506 lbf | 2200 N 495 lbf | 2000 N 450 lbf | 2000 N 450 lbf | 1900 N 427 lbf | 1900 N 427 lbf | 2000 N 450 lbf |
| K ₂ | 2400 N 540 lbf | 2300 N 517 lbf | 2650 N 596 lbf | 2650 N 596 lbf | 2450 N 551 lbf | 2550 N 573 lbf | 2250 N 506 lbf | 2000 N 450 lbf | 2000 N 450 lbf | 2000 N 450 lbf |

| Cabinet U-Handles EN 725-MDB → page 105 | | | | | | | | | | |
|---|--------------------|-------------------|--|--|--|--|--|--|--|--|
| Size in mm | 117 | 179 | | | | | | | | |
| S ₁ in J | 8 | 11 | | | | | | | | |
| S ₂ in J | 12 | 15 | | | | | | | | |
| K ₁ | 2500 N 562 lbf | 2000 N 450 lbf | | | | | | | | |
| K ₂ | 4500 N 1012 lbf | 3000 N 674 lbf | | | | | | | | |

| Cabinet U-Handles EN 725-VDB → page 105 | | | | | | | | | | |
|---|--------------------|-------------------|--|--|--|--|--|--|--|--|
| Size in mm | 117 | 179 | | | | | | | | |
| S ₁ in J | 8 | 11 | | | | | | | | |
| S ₂ in J | 12 | 15 | | | | | | | | |
| K ₁ | 3500 N 787 lbf | 2500 N 562 lbf | | | | | | | | |
| K ₂ | 4500 N 1012 lbf | 3000 N 674 lbf | | | | | | | | |

| Cabinet U-Handles EN 725.1 → www.jwwinco.com | | | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|--|--|--|--|--|--|
| Size in mm | 86 | 117 | 132 | 179 | | | | | | |
| S ₁ in J | 11 | 11 | 11 | 11 | | | | | | |
| S ₂ in J | 9 | 9 | 9 | 13 | | | | | | |
| K ₁ | 3000 N 674 lbf | 2000 N 450 lbf | 1900 N 427 lbf | 1900 N 427 lbf | | | | | | |
| K ₂ | 2200 N 495 lbf | 2800 N 629 lbf | 1900 N 427 lbf | 1900 N 427 lbf | | | | | | |



Strength Values of Plastic Cabinet U-Handles continued (6/7)

| Gripping Trays EN 739 → page 202 | | | | | | | |
|----------------------------------|-------------------|--|--|--|--|--|--|
| Size in mm | 115 | | | | | | |
| S ₁ in J | - | | | | | | |
| S ₂ in J | - | | | | | | |
| K ₁ | 3500 N 787 lbf | | | | | | |
| K ₂ | 3500 N 787 lbf | | | | | | |

| Tubular Handles EN 767 (Aluminum Tube / Plastic End Pieces) → www.jwwinco.com | | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
| Size in mm | 28-300 | 28-400 | 28-500 | 28-600 | 28-700 | | |
| S ₁ in J | - | - | - | - | - | | |
| S ₂ in J | 2400 | 2000 | 1800 | 1200 | 900 | | |
| K ₁ | - | - | - | - | - | | |
| K ₂ | 2800 N 629 lbf | 2300 N 517 lbf | 2000 N 450 lbf | 1500 N 337 lbf | 1200 N 270 lbf | | |
| Size in mm | 35-300 | 35-400 | 35-500 | 35-600 | 35-700 | 35-1000 | |
| S ₁ in J | - | - | - | - | - | - | |
| S ₂ in J | 3000 | 2700 | 2500 | 1900 | 1900 | 1200 | |
| K ₁ | - | - | - | - | - | - | |
| K ₂ | 3100 N 697 lbf | 2800 N 629 lbf | 2600 N 585 lbf | 2100 N 472 lbf | 2100 N 472 lbf | 1400 N 315 lbf | |

| Tubular Handles EN 767.1 (Aluminum Tube / Plastic End Pieces) → www.jwwinco.com | | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
| Size in mm | 28-300 | 28-400 | 28-500 | 28-600 | 28-700 | | |
| S ₁ in J | - | - | - | - | - | | |
| S ₂ in J | 2400 | 2000 | 1800 | 1200 | 900 | | |
| K ₁ | - | - | - | - | - | | |
| K ₂ | 2800 N 629 lbf | 2300 N 517 lbf | 2000 N 450 lbf | 1500 N 337 lbf | 1200 N 270 lbf | | |
| Size in mm | 35-300 | 35-400 | 35-500 | 35-600 | 35-700 | 35-1000 | |
| S ₁ in J | - | - | - | - | - | - | |
| S ₂ in J | 3000 | 2700 | 2500 | 1900 | 1900 | 1200 | |
| K ₁ | - | - | - | - | - | - | |
| K ₂ | 3100 N 697 lbf | 2800 N 629 lbf | 2600 N 585 lbf | 2100 N 472 lbf | 2100 N 472 lbf | 1400 N 315 lbf | |

| Folding Handles EN 825.1 → www.jwwinco.com | | | | | | | |
|--|-------------------|--|--|--|--|--|--|
| Size in mm | 90 | | | | | | |
| S ₁ in J | - | | | | | | |
| S ₂ in J | - | | | | | | |
| K ₁ | 1700 N 382 lbf | | | | | | |
| K ₂ | 2500 N 562 lbf | | | | | | |

Strength Values of Plastic Cabinet U-Handles continued (7/7)

| Folding Handles with Recessed Tray EN 825.2 → www.jwwinco.com | | | | | | | |
|--|-----------------------------|--------------------------|--|--|--|--|--|
| Size in mm | 90 | 105 | | | | | |
| S ₁ in J | - | | | | | | |
| S ₂ in J | - | | | | | | |
| K ₁ | 1650 N <i>540 lbf</i> | 2000 N <i>450 lbf</i> | | | | | |
| K ₂ | 2400 N <i>370.93 lbf</i> | 2700 N <i>607 lbf</i> | | | | | |

| Cabinet U-Handles MF → page 113 | | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| Size in mm | B6.5-93.5 | B6.5-117 | B8.5-117 | B6.5-132 | B8.5-132 | B8.5-179 | |
| Max. vertical lifting load | 220 Kg <i>484 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> | 250 Kg <i>550 lbs</i> | 250 Kg <i>550 lbs</i> | 250 Kg <i>550 lbs</i> | |

| Cabinet U-Handles MFB → page 112 | | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| Size in mm | 1/4x20-93.5 | 1/4x20-117 | 5/16x18-117 | 1/4x20-132 | 5/16x18-132 | 5/16x18-179 | |
| Max. vertical lifting load | 220 Kg <i>484 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> | 250 Kg <i>550 lbs</i> | 250 Kg <i>550 lbs</i> | 250 Kg <i>550 lbs</i> | |
| Size in mm | M6-93.5 | M6-117 | M8-117 | M6-132 | M8-132 | M8-179 | |
| Max. vertical lifting load | 220 Kg <i>484 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> | 250 Kg <i>550 lbs</i> | 250 Kg <i>550 lbs</i> | 250 Kg <i>550 lbs</i> | |

| Cabinet U-Handles MFE → page 113 | | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| Size in mm | B6.5-93.5 | B6.5-117 | B8.5-117 | B6.5-132 | B8.5-132 | B8.5-179 | |
| Max. vertical lifting load | 120 Kg <i>265 lbs</i> | 125 Kg <i>276 lbs</i> | 125 Kg <i>276 lbs</i> | 130 Kg <i>287 lbs</i> | 130 Kg <i>287 lbs</i> | 130 Kg <i>287 lbs</i> | |

| Cabinet U-Handles MFP → page 117 | | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--|--|--|
| Size in mm | 93.5 | 117 | 132 | 179 | | | |
| Max. vertical lifting load | 220 Kg <i>484 lbs</i> | 230 Kg <i>506 lbs</i> | 250 Kg <i>550 lbs</i> | 250 Kg <i>550 lbs</i> | | | |

| Cabinet U-Handles MT → page 111 | | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Size in mm | 1/4x20-105 | 1/4x20-110 | 5/16x18-117 | | | | |
| Max. vertical lifting load | 220 Kg <i>484 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> | | | | |
| Size in mm | M5-105 | M6-105 | M5-110 | M6-110 | M5-117 | M6-117 | M8-117 |
| Max. vertical lifting load | 220 Kg <i>484 lbs</i> | 220 Kg <i>484 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> | 230 Kg <i>506 lbs</i> |

