

Soustava tolerancí a uložení ISO výběr z ČSN EN 20286

| rozměr | | e | | | | f | | | | g | | | | |
|--------|-----|-------|------|-------|------|-------|------|-------|------|-------|-----|-------|-----|-----|
| přes | do | horní | | dolní | | horní | | dolní | | horní | | dolní | | |
| | | 7 | 8 | 9 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | | | |
| 1 | 3 | -14 | -24 | -28 | -39 | -6 | -12 | -16 | -20 | -31 | -2 | -5 | -6 | -8 |
| 3 | 6 | -20 | -32 | -38 | -50 | -10 | -18 | -22 | -28 | -40 | -4 | -8 | -9 | -12 |
| 6 | 10 | -25 | -40 | -47 | -61 | -13 | -22 | -28 | -35 | -49 | -5 | -9 | -11 | -14 |
| 10 | 18 | -32 | -50 | -59 | -75 | -16 | -27 | -34 | -43 | -59 | -6 | -11 | -14 | -17 |
| 18 | 30 | -40 | -61 | -73 | -92 | -20 | -33 | -41 | -53 | -72 | -7 | -13 | -16 | -20 |
| 30 | 50 | -50 | -75 | -89 | -112 | -25 | -41 | -50 | -64 | -87 | -9 | -16 | -20 | -25 |
| 50 | 80 | -60 | -90 | -106 | -134 | -30 | -49 | -60 | -76 | -104 | -10 | -18 | -23 | -29 |
| 80 | 120 | -72 | -107 | -126 | -159 | -36 | -58 | -71 | -90 | -123 | -12 | -22 | -27 | -34 |
| 120 | 180 | -85 | -125 | -148 | -185 | -43 | -68 | -83 | -106 | -143 | -14 | -26 | -32 | -39 |
| 180 | 250 | -100 | -146 | -172 | -215 | -50 | -79 | -96 | -122 | -165 | -15 | -29 | -35 | -44 |
| 250 | 315 | -110 | -162 | -191 | -240 | -56 | -88 | -108 | -137 | -186 | -17 | -33 | -40 | -49 |
| 315 | 400 | -125 | -182 | -214 | -265 | -62 | -98 | -119 | -151 | -202 | -18 | -36 | -43 | -54 |
| 400 | 500 | -135 | -198 | -232 | -290 | -68 | -108 | -131 | -165 | -223 | -20 | -40 | -47 | -60 |

| rozměr | | h dolní | | | | | | | | | | | | | |
|--------|-----|---------|-----|-----|-----|-----|-----|------|------|------|------|------|-------|-------|--|
| přes | do | dolní | | | | | | | | | | | | | |
| | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | | |
| 1 | 3 | 0 | -3 | -4 | -6 | -10 | -14 | -25 | -40 | -60 | -100 | -140 | -250 | -600 | |
| 3 | 6 | 0 | -4 | -5 | -8 | -12 | -18 | -30 | -48 | -75 | -120 | -180 | -300 | -750 | |
| 6 | 10 | 0 | -4 | -6 | -9 | -15 | -22 | -36 | -58 | -90 | -150 | -220 | -360 | -900 | |
| 10 | 18 | 0 | -5 | -8 | -11 | -18 | -27 | -43 | -70 | -110 | -180 | -270 | -430 | -1100 | |
| 18 | 30 | 0 | -6 | -9 | -13 | -21 | -33 | -52 | -84 | -130 | -210 | -330 | -520 | -1300 | |
| 30 | 50 | 0 | -7 | -11 | -16 | -25 | -39 | -62 | -100 | -160 | -250 | -390 | -620 | -1600 | |
| 50 | 80 | 0 | -8 | -13 | -19 | -30 | -46 | -74 | -120 | -190 | -300 | -460 | -740 | -1900 | |
| 80 | 120 | 0 | -10 | -15 | -22 | -35 | -54 | -87 | -140 | -220 | -350 | -540 | -870 | -2200 | |
| 120 | 180 | 0 | -12 | -18 | -25 | -40 | -63 | -100 | -160 | -250 | -400 | -630 | -1000 | -2500 | |
| 180 | 250 | 0 | -14 | -20 | -29 | -46 | -72 | -115 | -185 | -290 | -460 | -720 | -1150 | -2900 | |
| 250 | 315 | 0 | -16 | -23 | -32 | -52 | -81 | -130 | -210 | -320 | -520 | -810 | -1300 | -3200 | |
| 315 | 400 | 0 | -18 | -25 | -36 | -57 | -89 | -140 | -230 | -360 | -570 | -890 | -1400 | -3600 | |
| 400 | 500 | 0 | -20 | -27 | -40 | -63 | -97 | -155 | -250 | -400 | -630 | -970 | -1550 | -4000 | |

| rozměr | | j | | | | k | | | | m | | | | n | | | |
|--------|-----|-------|-----|-------|-----|-------|-----|--------|-----|-------|-----|-------|-----|-------|------|-------|--|
| přes | do | horní | | dolní | | horní | | dolní* | | horní | | dolní | | horní | | dolní | |
| | | 5 | 6 | 5a | 6 | 5 | 6 | 5a | 7 | 5 | 6 | 7 | 5 | 6 | 7 | | |
| 1 | 3 | +2 | +4 | -2 | +4 | +6 | +10 | 0 | +6 | +8 | +14 | +2 | +8 | +10 | +14 | +4 | |
| 3 | 6 | +3 | +6 | -2 | +6 | +9 | +13 | +1 | +9 | +12 | +16 | +4 | +13 | +16 | +20 | +8 | |
| 6 | 10 | +4 | +7 | -2 | +7 | +10 | +16 | +1 | +12 | +15 | +21 | +6 | +16 | +19 | +25 | +10 | |
| 10 | 18 | +5 | +8 | -3 | +9 | +12 | +19 | +1 | +15 | +18 | +25 | +7 | +20 | +23 | +30 | +12 | |
| 18 | 30 | +5 | +9 | -4 | +11 | +15 | +23 | +2 | +17 | +21 | +29 | +8 | +24 | +28 | +36 | +15 | |
| 30 | 50 | +6 | +11 | -5 | +13 | +18 | +27 | +2 | +20 | +25 | +34 | +9 | +28 | +33 | +42 | +17 | |
| 50 | 80 | +6 | +12 | -7 | +15 | +21 | +32 | +2 | +24 | +30 | +41 | +11 | +33 | +39 | +50 | +20 | |
| 80 | 120 | +6 | +13 | -9 | +18 | +25 | +38 | +3 | +28 | +35 | +48 | +13 | +38 | +45 | +58 | +23 | |
| 120 | 180 | +7 | +14 | -11 | +21 | +28 | +43 | +3 | +33 | +40 | +55 | +15 | +45 | +52 | +67 | +27 | |
| 180 | 250 | +7 | +16 | -13 | +24 | +33 | +50 | +4 | +37 | +46 | +63 | +17 | +51 | +60 | +77 | +31 | |
| 250 | 315 | +7 | +16 | -16 | +27 | +36 | +56 | +4 | +43 | +52 | +72 | +20 | +57 | +66 | +86 | +34 | |
| 315 | 400 | +7 | +18 | -18 | +29 | +40 | +61 | +4 | +46 | +57 | +78 | +21 | +62 | +73 | +94 | +37 | |
| 400 | 500 | +7 | +20 | -20 | +32 | +45 | +68 | +5 | +50 | +63 | +86 | +23 | +67 | +80 | +103 | +40 | |

* - dolní úchytky tolerančního pole **k** pro IT8 a vyšší je = 0

| rozměr | | p | | | r | | | s | | | |
|--------|-----|-------|------|-------|-------|------|-------|-------|------|------|-------|
| přes | do | horní | | dolní | horní | | dolní | horní | | | dolní |
| | | 5 | 6 | 5 | 6 | 5 | 6 | 7 | | | |
| 1 | 3 | +10 | +12 | +6 | +14 | +16 | +10 | +18 | +20 | +24 | +14 |
| 3 | 6 | +17 | +20 | +12 | +20 | +23 | +15 | +24 | +27 | +31 | +19 |
| 6 | 10 | +21 | +24 | +15 | +25 | +28 | +19 | +29 | +32 | +38 | +23 |
| 10 | 18 | +26 | +29 | +18 | +31 | +34 | +23 | +36 | +39 | +46 | +28 |
| 18 | 30 | +31 | +35 | +22 | +37 | +41 | +28 | +44 | +48 | +56 | +35 |
| 30 | 50 | +37 | +42 | +26 | +45 | +50 | +34 | +54 | +59 | +68 | +43 |
| 50 | 65 | +45 | +51 | +32 | +54 | +60 | +41 | +66 | +72 | +83 | +53 |
| 65 | 80 | +45 | +51 | +32 | +56 | +62 | +43 | +72 | +78 | +89 | +59 |
| 80 | 100 | +52 | +59 | +37 | +66 | +73 | +51 | +86 | +93 | +106 | +71 |
| 100 | 120 | +52 | +59 | +37 | +69 | +76 | +54 | +94 | +101 | +114 | +79 |
| 120 | 140 | +61 | +68 | +43 | +81 | +88 | +63 | +110 | +117 | +132 | +92 |
| 140 | 160 | +61 | +68 | +43 | +83 | +90 | +65 | +118 | +125 | +140 | +100 |
| 160 | 180 | +61 | +68 | +43 | +86 | +93 | +68 | +126 | +133 | +148 | +108 |
| 180 | 200 | +70 | +79 | +50 | +97 | +106 | +77 | +142 | +151 | +168 | +122 |
| 200 | 225 | +70 | +79 | +50 | +100 | +109 | +80 | +150 | +159 | +176 | +130 |
| 225 | 250 | +70 | +79 | +50 | +104 | +113 | +84 | +160 | +169 | +186 | +140 |
| 250 | 280 | +79 | +88 | +56 | +117 | +126 | +94 | +181 | +190 | +210 | +158 |
| 280 | 315 | +79 | +88 | +56 | +121 | +130 | +98 | +193 | +202 | +222 | +170 |
| 315 | 355 | +87 | +98 | +62 | +133 | +144 | +108 | +215 | +226 | +247 | +190 |
| 355 | 400 | +87 | +98 | +62 | +139 | +150 | +114 | +233 | +244 | +265 | +208 |
| 400 | 450 | +95 | +108 | +68 | +153 | +166 | +126 | +259 | +272 | +295 | +232 |
| 450 | 500 | +95 | +108 | +68 | +159 | +172 | +132 | +279 | +292 | +315 | +252 |

| rozměr | | H horní | | | | | | | | | | | | | | dolní |
|--------|-----|---------|-----|-----|-----|------|------|------|------|------|-------|-------|------|-------|---|-------|
| přes | do | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 16 | 17 | | | | |
| | | 1 | 3 | +4 | +6 | +10 | +14 | +25 | +40 | +60 | +100 | +140 | +600 | +1000 | 0 | |
| 3 | 6 | +5 | +8 | +12 | +18 | +30 | +48 | +75 | +120 | +180 | +750 | +1200 | 0 | | | |
| 6 | 10 | +6 | +9 | +15 | +22 | +36 | +58 | +90 | +150 | +220 | +900 | +1500 | 0 | | | |
| 10 | 18 | +8 | +11 | +18 | +27 | +43 | +70 | +110 | +180 | +270 | +1100 | +1800 | 0 | | | |
| 18 | 30 | +9 | +13 | +21 | +33 | +52 | +84 | +130 | +210 | +330 | +1300 | +2100 | 0 | | | |
| 30 | 50 | +11 | +16 | +25 | +39 | +62 | +100 | +160 | +250 | +390 | +1600 | +2500 | 0 | | | |
| 50 | 80 | +13 | +19 | +30 | +46 | +74 | +120 | +190 | +300 | +460 | +1900 | +3000 | 0 | | | |
| 80 | 120 | +15 | +22 | +35 | +54 | +87 | +140 | +220 | +350 | +540 | +2200 | +3500 | 0 | | | |
| 120 | 180 | +18 | +25 | +40 | +63 | +100 | +160 | +250 | +400 | +630 | +2500 | +4000 | 0 | | | |
| 180 | 250 | +20 | +29 | +46 | +72 | +115 | +185 | +290 | +460 | +720 | +2900 | +4600 | 0 | | | |
| 250 | 315 | +23 | +32 | +52 | +81 | +130 | +210 | +320 | +520 | +810 | +3200 | +5200 | 0 | | | |
| 315 | 400 | +25 | +36 | +57 | +89 | +140 | +230 | +360 | +570 | +890 | +3600 | +5700 | 0 | | | |
| 400 | 500 | +27 | +40 | +63 | +97 | +155 | +250 | +400 | +630 | +970 | +4000 | +6300 | 0 | | | |

| rozměr | | N | | | | P | | | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| přes | do | hor | | dol | | hor | | dol | |
| | | 5 | 6 | 7 | 8 | 7 | 9 | | |
| 1 | 3 | -4 | -8 | -4 | -10 | -4 | -14 | -4 | -18 |
| 3 | 6 | -7 | -12 | -5 | -13 | -4 | -16 | -2 | -20 |
| 6 | 10 | -8 | -14 | -7 | -16 | -4 | -19 | -3 | -25 |
| 10 | 18 | -9 | -17 | -9 | -20 | -5 | -23 | -3 | -30 |
| 18 | 30 | -12 | -21 | -11 | -24 | -7 | -28 | -3 | -36 |
| 30 | 50 | -13 | -24 | -12 | -28 | -8 | -33 | -3 | -42 |
| 50 | 80 | -15 | -28 | -14 | -33 | -9 | -39 | -4 | -50 |
| 80 | 120 | -18 | -33 | -16 | -38 | -10 | -45 | -4 | -58 |
| 120 | 180 | -21 | -39 | -20 | -45 | -12 | -52 | -4 | -67 |
| 180 | 250 | -25 | -45 | -22 | -51 | -14 | -60 | -5 | -77 |
| 250 | 315 | -27 | -50 | -25 | -57 | -16 | -66 | -5 | -86 |
| 315 | 400 | -30 | -55 | -26 | -62 | -16 | -73 | -5 | -94 |
| 400 | 500 | -33 | -60 | -27 | -67 | -17 | -80 | -6 | -103 |

