



טבלת מומנט לברגים 4.6

| MM |  | מתח הבורג לעומס 65% kN | מומנט מומלץ Nm |
|------|-----------------------------------------------------------------------------------|------------------------------|-------------------|
| M1.6 | 0.35 | 0.19 | 0.06 |
| M2 | 0.40 | 0.31 | 0.12 |
| M2.5 | 0.45 | 0.50 | 0.25 |
| M3 | 0.50 | 0.73 | 0.44 |
| M4 | 0.70 | 1.29 | 1.00 |
| M5 | 0.80 | 2.08 | 2.1 |
| M6 | 1.00 | 2.94 | 3.5 |
| M8 | 1.25 | 5.34 | 8.5 |
| M10 | 1.5 | 8.45 | 17 |
| M12 | 1.75 | 12.4 | 30 |
| M14 | 2.00 | 16.8 | 47 |
| M16 | 2.00 | 22.9 | 73 |
| M18 | 2.5 | 28.1 | 101 |
| M20 | 2.5 | 35.8 | 143 |
| M22 | 2.5 | 44.3 | 195 |
| M24 | 3.00 | 51.6 | 248 |
| M27 | 3.00 | 67.0 | 362 |
| M30 | 3.50 | 81.9 | 491 |
| M33 | 3.50 | 101 | 669 |



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| MM |  | מתח הבורג לעומס 65% kN | מומנט מומלץ Nm |
|-----|-----------------------------------------------------------------------------------|------------------------------|-------------------|
| M36 | 4.00 | 120 | 864 |
| M39 | 4.00 | 143 | 1115 |
| M42 | 4.50 | 164 | 1378 |
| M48 | 5.00 | 215 | 2064 |
| M56 | 5.50 | 298 | 3338 |
| M64 | 6.00 | 393 | 5030 |

Surface Condition Torque Adjustment Factors

| | |
|----------------------------|-------|
| Plain Steel, as supplied | X 1.0 |
| Plain Steel, degreased | X 2.0 |
| Zinc Plated, as supplied | X 1.0 |
| Zinc Plated, lightly oiled | X 0.9 |
| Galvanised, degreased | X 2.1 |
| Galvanised, lightly oiled | X 1.1 |
| Heavily greased | X 0.7 |




טבלת מומנט לברגים 8.8

| MM |  | מתח הבורג לעומס 65% kN | מומנט מומלץ Nm |
|------|-----------------------------------------------------------------------------------|------------------------------|-------------------|
| M1.6 | 0.35 | 0.48 | 0.15 |
| M2 | 0.40 | 0.78 | 0.31 |
| M2.5 | 0.45 | 0.64 | 1.28 |
| M3 | 0.50 | 1.9 | 1.1 |
| M4 | 0.70 | 3.32 | 2.7 |
| M5 | 0.80 | 5.35 | 5 |
| M6 | 1.00 | 7.54 | 9 |
| M8 | 1.25 | 13.8 | 22 |
| M10 | 1.5 | 21.9 | 44 |
| M12 | 1.75 | 31.8 | 77 |
| M14 | 2.00 | 43.4 | 122 |
| M16 | 2.00 | 59.2 | 190 |
| M18 | 2.5 | 74.8 | 269 |
| M20 | 2.5 | 95.6 | 372 |
| M22 | 2.5 | 118 | 519 |
| M24 | 3.00 | 138 | 640 |
| M27 | 3.00 | 179 | 967 |
| M30 | 3.50 | 219 | 1314 |
| M33 | 3.50 | 270 | 1782 |



טבלת מומנט לברגים 8.8

| MM |  | מתח הבורג לעומס 65% kN | מומנט מומלץ Nm |
|-----|-----------------------------------------------------------------------------------|------------------------------|-------------------|
| M36 | 4.00 | 319 | 2297 |
| M39 | 4.00 | 380 | 2970 |
| M42 | 4.50 | 437 | 3671 |
| M48 | 5.00 | 573 | 5500 |
| M56 | 5.50 | 792 | 8870 |
| M64 | 6.00 | 1045 | 13376 |

Surface Condition Torque Adjustment Factors

| | |
|----------------------------|-------|
| Plain Steel, as supplied | X 1.0 |
| Plain Steel, degreased | X 2.0 |
| Zinc Plated, as supplied | X 1.0 |
| Zinc Plated, lightly oiled | X 0.9 |
| Galvanised, degreased | X 2.1 |
| Galvanised, lightly oiled | X 1.1 |
| Heavily greased | X 0.7 |



טבלת מומנט לברגים 10.9

|  |  | מתח הבורג לעומס 65% kN | מומנט מומלץ Nm |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------|-------------------|
| M5 | 0.80 | 7.67 | 8 |
| M6 | 1.00 | 10.9 | 13 |
| M8 | 1.25 | 19.8 | 32 |
| M10 | 1.5 | 31.3 | 63 |
| M12 | 1.75 | 45.5 | 109 |
| M14 | 2.00 | 62.1 | 174 |
| M16 | 2.00 | 84.5 | 270 |
| M18 | 2.5 | 103 | 371 |
| M20 | 2.5 | 132 | 528 |
| M22 | 2.5 | 164 | 722 |
| M24 | 3.00 | 190 | 914 |
| M27 | 3.00 | 248 | 1339 |
| M30 | 3.50 | 303 | 1817 |
| M33 | 3.50 | 371 | 2449 |
| M36 | 4.00 | 441 | 31173 |
| M39 | 4.00 | 527 | 4110 |



טבלת מומנט לברגים 12.9

|  |  | מתח הבורג לעומס 65% kN | מומנט מומלץ Nm |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------|-------------------|
| M3 | 0.50 | 3.17 | 1.9 |
| M4 | 0.70 | 5.54 | 4.4 |
| M5 | 0.80 | 8.97 | 8.9 |
| M6 | 1 | 12.7 | 15 |
| M8 | 1.25 | 23.1 | 37 |
| M10 | 1.5 | 36.6 | 73 |
| M12 | 1.75 | 53.2 | 128 |
| M14 | 2.00 | 72.8 | 203 |
| M16 | 2.00 | 98.8 | 316 |
| M18 | 2.5 | 121 | 436 |
| M20 | 2.5 | 155 | 620 |
| M22 | 2.5 | 191 | 840 |
| M24 | 3.00 | 222 | 1066 |
| M27 | 3.00 | 289 | 1561 |
| M30 | 3.50 | 354 | 2124 |
| M33 | 3.50 | 437 | 2884 |
| M36 | 4.00 | 515 | 3708 |

Surface Condition Torque Adjustment Factors

| | |
|-----------------------------------|--------------|
| Plain Steel, as supplied | X 1.0 |
| Plain Steel, degreased | X 2.0 |
| Zinc Plated, as supplied | X 1.0 |
| Zinc Plated, lightly oiled | X 0.9 |
| Galvanised, degreased | X 2.1 |
| Galvanised, lightly oiled | X 1.1 |
| Heavily greased | X 0.7 |

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