— **Safe bolt Solution Expert**

2018

AIPUHP®

2003

7000 ISO9001 2000

ERP PDM

THA

THB

THC

THCG

THD

THDG

# THA

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/ 150Mpa

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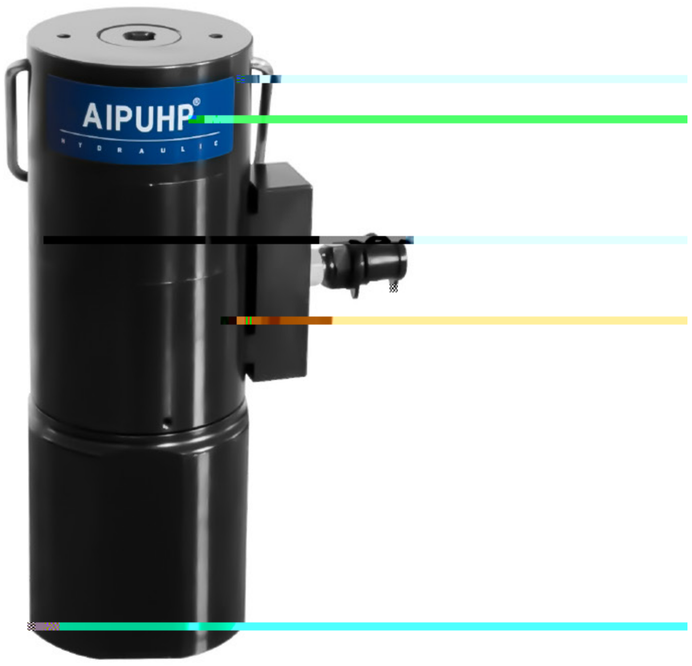
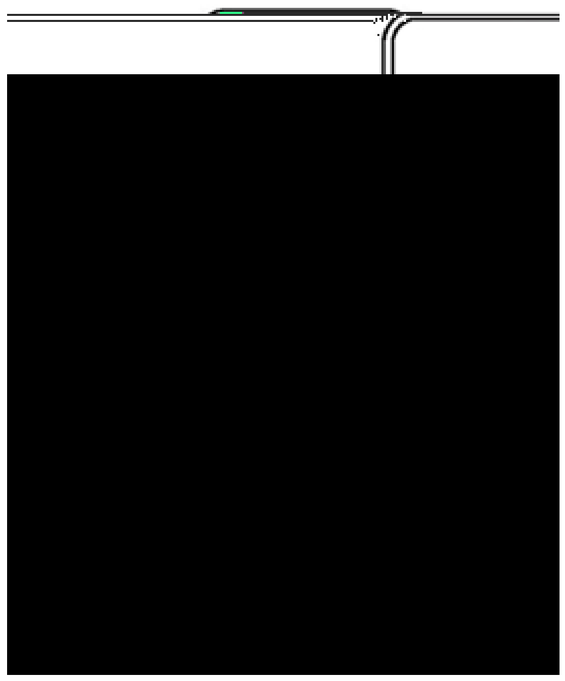
| | | |
|---|---|---|
| THA030 | M30 | 1-1/8 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | Kn | A | B T[A]68 | | | | | mm | kg |
| THB1 | M24×3 | 1 | 36 | 223 | 86 | 119 | 46 | 69 | 29 | 24 | 12 | 5.2 |
| | M27×3 | 1-1/8 | 41 | | | | | | | | | |
| THB2 | M30×3.5 | 1-1/8 | 46 | 401 | 107 | 131 | 75 | 93 | 37 | 30 | 12 | 8.7 |
| | M33×3.5 | 1-1/4 | 50 | | | | | | | 33 | | |
| | M36×4 | 1-3/8 | 55 | | | 132 | | | | 36 | | |
| | M39×4 | 1-1/2 | 60 | | | 135 | | | 38 | 39 | | |
| | M39×4 | 1-1/2 | 60 | | | 152 | | | 38 | 39 | | |
| | M42×4.5 | 1-5/8 | 65 | | | 152 | | | 49 | 42 | | |
| THB3 | M45×4.5 | 1-3/4 | 70 | 769 | 138 | 153 | 96 | 120 | 50 | 45 | 12 | 14.2 |
| | M48×5 | 1-7/8 | 75 | | | 154 | | | 51 | 48 | | |
| | M52×5 | 2 | 80 | | | 155 | | | 52 | 52 | | |
| THB4 | M52×5 | 2 | 80 | 1413 | 174 | 165 | 120 | 154 | 60 | 54 | 12 | 27.6 |
| | M56×5.5 | 2-1/4 | 85 | | | 170 | | | 62 | 56 | | |
| | M60×5.5 | 2-3/8 | 90 | | | 171 | | | 63 | 60 | | |
| | M64×6 | 2-1/2 | 95 | | | 172 | | | 64 | 64 | | |
| | M68×6 | 2-3/4 | 100 | | | 173 | | | 65 | 68 | | |

| | | | | | (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | Inch | mm | Kn | A | B | C | D | E | F | mm | kg |
| THCG027 | M27×3 | 1-1/8 | 41 | 378 | 59 | 88 | 88 | 27 | 25 | 130 | 8 | 3.9 |
| THCG030 | M30×3.5 | 1-1/8 | 46 | 459 | 65 | 88 | 98 | 30 | 35 | 158 | 8 | 6.4 |
| THCG033 | M33×3.5 | 1-1/4 | 50 | 576 | 71 | 94 | 107 | 35 | 35 | 166 | 8 | 7.4 |
| THCG036 | M36×4 | 1-3/8 | 55 | 680 | 78 | 106 | 118 | 38 | 38 | 169 | 8 | 9.1 |
| THCG039 | M39×4 | 1-1/2 | 60 | 801 | 84 | 115 | 127 | 40 | 42 | 172 | 8 | 10.8 |
| THCG042 | M42×4.5 | 1-5/8 | 65 | 924 | 88 | 120 | 140 | 40 | 45 | 176 | 8 | 13.3 |
| THCG045 | M45×4.5 | 1-3/4 | 70 | 1060 | 94 | 124 | 148 | 42 | 48 | 190 | 8 | 16.9 |
| THCG048 | M48×5 | 1-7/8 | 75 | 1176 | 100 | 132 | 157 | 43 | 50 | 195 | 8 | 19.6 |
| THCG052 | M52×5 | 2 | 80 | 1457 | 106 | 142 | 168 | 47 | 55 | 197 | 8 | 21.7 |
| THCG056 | M56×5.5 | 2-1/4 | 85 | 1622 | 112 | 148 | 180 | 50 | 60 | 200 | 8 | 27.2 |
| THCG060 | M60×5.5 | | 90 | 2029 | 118 | 156 | 197 | 54 | 65 | 203 | 8 | 30.5 |
| THCG064 | M64×6 | 2-1/2 | 95 | 2144 | 123 | 165 | 210 | 57 | 68 | 215 | 8 | 40.0 |
| THCG068 | M68×6 | | 100 | 2694 | 133 | 180 | 229 | 60 | 72 | 240 | 8 | 50.1 |
| THCG072 | M72×6 | 2-7/8 | 105 | 2871 | 138 | 190 | 240 | 65 | 75 | 243 | 8 | 59.8 |
| THCG076 | M76×6 | 3 | 110 | 3048 | 142 | 196 | 255 | 67 | 80 | 248 | 8 | 66.1 |
| THCG080 | M80×6 | 3-1/4 | 115 | 3637 | 150 | 210 | 265 | 70 | 90 | 250 | 8 | 69.3 |
| THCG090 | M90×6 | 3-1/2 | 130 | 4594 | 175 | 235 | 305 | 78 | 95 | 275 | 8 | 74.5 |
| THCG0100 | M100×6 | 4 | 145 | 5622 | 190 | 260 | 345 | 85 | 105 | 300 | 8 | 80.3 |

# THD



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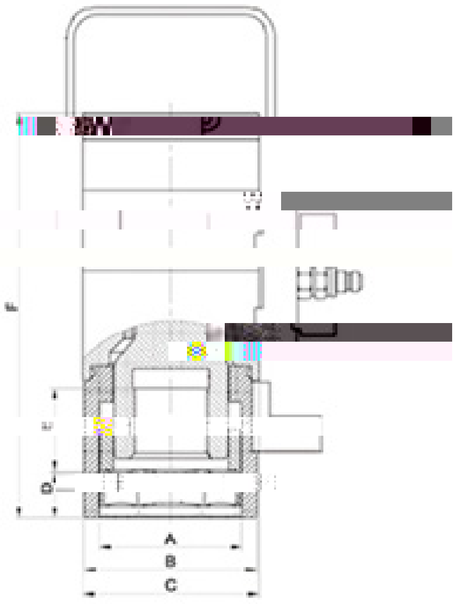
| | | | | | (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | Inch | mm | Kn | A | B | C | D | E | F | mm | kg |
| THD030 | M30×3.5 | 1-1/8 | 46 | 466 | 65 | 88 | 75 | 32 | 32 | 263 | 8 | 6.8 |
| THD033 | M33×3.5 | 1-1/4 | 50 | 576 | 68 | 90 | 80 | 35 | 35 | 255 | 8 | 8.0 |
| THD036 | M36×4 | 1-3/8 | 55 | 677 | 74 | 92 | 85 | 36 | 40 | 270 | 8 | 9.8 |
| THD039 | M39×4 | 1-1/2 | 60 | 775 | 80 | 104 | 92 | 38 | 45 | 286 | 8 | 13 |
| THD042 | M42×4.5 | 1-5/8 | 65 | 924 | 88 | 112 | 100 | 40 | 45 | 292 | 8 | 15.6 |
| THD045 | M45×4.5 | 1-3/4 | 70 | 1060 | 96 | 118 | 108 | 42 | 48 | 310 | 8 | 18.2 |
| THD048 | M48×5 | 1-7/8 | 75 | 1176 | 98 | 124 | 114 | 48 | 50 | 340 | 8 | 24.0 |
| THD052 | M52×5 | 2 | 80 | 1421 | 106 | 134 | 124 | 57 | 55 | 357 | 8 | 28.3 |
| THD056 | M56×5.5 | 2-1/4 | 85 | 1622 | 105 | 130 | 130 | 70 | 60 | 370 | 8 | 32.5 |

# THDG

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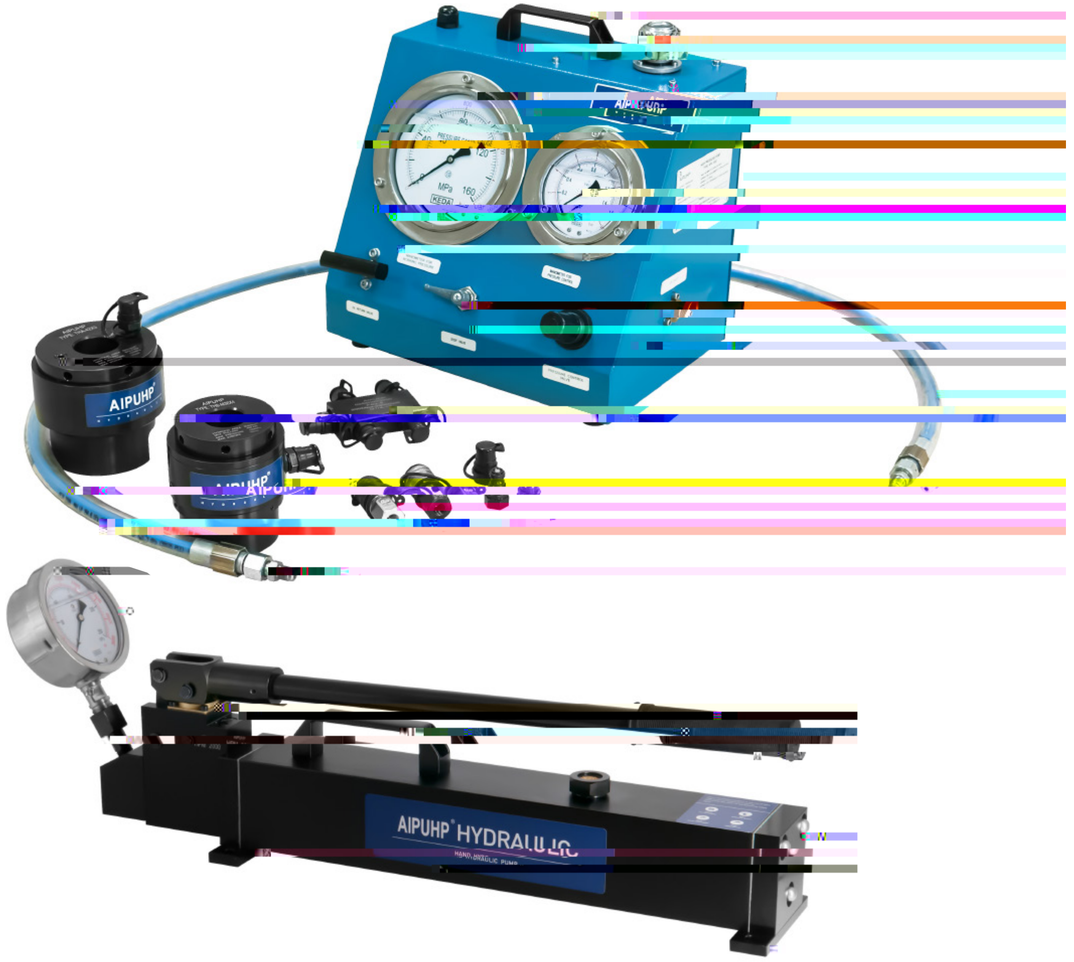
| | | | | | (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | Inch | mm | Kn | A | B | C | D | E | F | mm | kg |
| THDG030 | M30×3.5 | 1-1/8 | 46 | 466 | 65 | 90 | 75 | 32 | 32 | 263 | 8 | 7.0 |
| THDG033 | M33×3.5 | 1-1/4 | 50 | 576 | 68 | 94 | 80 | 35 | 35 | 265 | 8 | 8.3 |
| THDG036 | M36×4 | 1-3/8 | 55 | 677 | 72 | 98 | 85 | 36 | 40 | 275 | 8 | 10.2 |
| THDG039 | M39×4 | 1-1/2 | 60 | 775 | 80 | 105 | 92 | 38 | 45 | 293 | 8 | 13.4 |
| THDG042 | M42×4.5 | 1-5/8 | 65 | 924 | 88 | 112 | 100 | 40 | 45 | 310 | 8 | 16.2 |
| THDG045 | M45×4.5 | 1-3/4 | 70 | 1060 | 96 | 118 | 108 | 42 | 48 | 320 | 8 | 18.9 |
| THDG048 | M48×5 | 1-7/8 | 75 | 1176 | 102 | 126 | 114 | 48 | 50 | 340 | 8 | 23.8 |
| THDG052 | M52×5 | 2 | 80 | 1421 | 106 | 134 | 124 | 57 | 55 | 357 | 8 | 28.3 |
| THDG056 | M56×5.5 | 2-1/4 | 85 | 1622 | 105 | 130 | 130 | 70 | 60 | 370 | 8 | 31.4 |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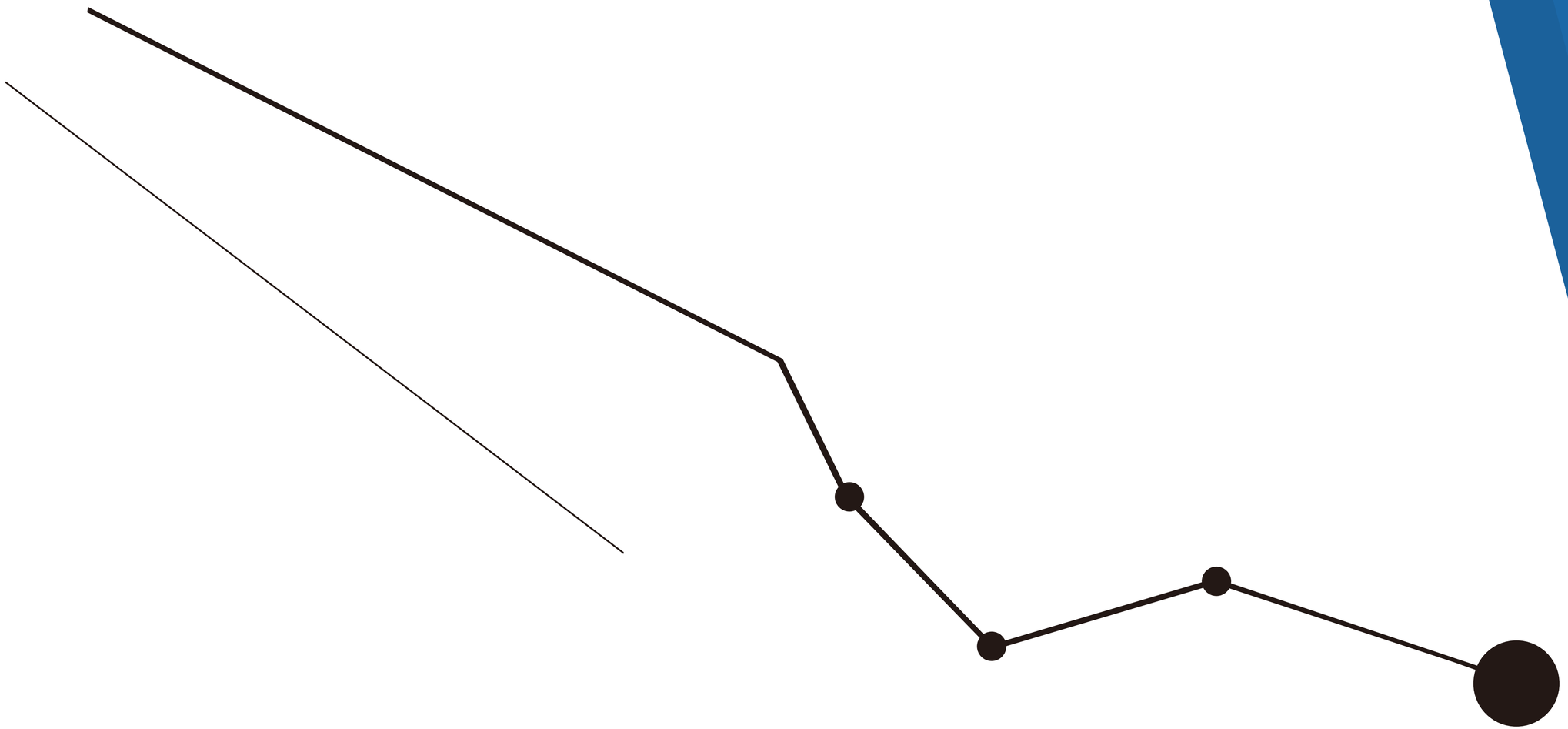

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