



MANDRINI ATTACCO CONO MORSE DIN/228 E DIN/238

MORSE TAPER COLLET CHUCKS
DIN/228 AND DIN/238

3 E



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DIN/228 AND DIN/238

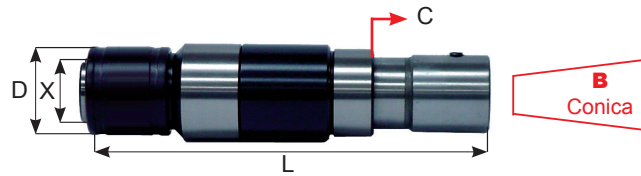


MANDRINI TRANSFER DIN/238
DIN/238 TRANSFER TOOLHOLDERS

3E

Mandrini rigidi con compensazione assiale in compressione (DIN/238)

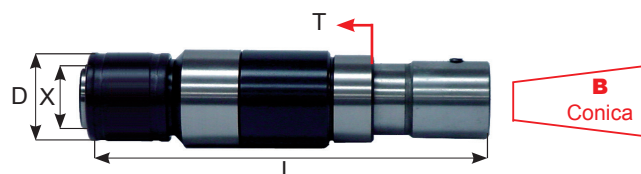
Quick change toolholders with length compensation Axial in Compression (DIN/238)



| CODICE | CAP | B | X | D | L | C | EUR |
|-------------|-----------|-----|----|----|-----|-----|-----|
| B10-TLC0-20 | M1 ÷ M10 | B10 | 13 | 23 | 117 | 20 | |
| B10-TLC0-30 | | | | | 137 | 30 | |
| B12-TLC0-20 | | B12 | | | 121 | 20 | |
| B12-TLC0-30 | | | | | 141 | 30 | |
| B12-TLC1-30 | M3 ÷ M12 | B12 | 19 | 35 | 127 | 30 | |
| B12-TLC1-40 | | | | | | 147 | 40 |
| B16-TLC1-30 | | B16 | | | 127 | 30 | |
| B16-TLC1-40 | | | | | | 147 | 40 |
| B18-TLC1-30 | | B18 | | | 142 | 30 | |
| B18-TLC1-40 | | | | | 162 | 40 | |
| B16-TLC2-30 | M8 ÷ M20 | B16 | 31 | 50 | 151 | 30 | |
| B16-TLC2-40 | | | | | | 171 | 40 |
| B18-TLC2-30 | | B18 | | | 151 | 30 | |
| B18-TLC2-40 | | | | | | 171 | 40 |
| B22-TLC2-30 | | B22 | | | 166 | 30 | |
| B22-TLC2-40 | | | | | | 186 | 40 |
| B22-TLC3-30 | M14 ÷ M33 | B22 | 48 | 72 | 197 | 30 | |
| B22-TLC3-40 | | | | | | 217 | 40 |
| B24-TLC3-30 | | B24 | | | 197 | 30 | |
| B24-TLC3-40 | | | | | | 217 | 40 |

Mandrini rigidi con compensazione assiale in trazione (DIN/238)

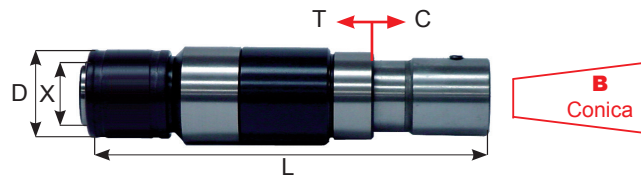
Quick change toolholders with length Axial in Tension (DIN/238)



| CODICE | CAP | B | X | D | L | T | EUR | | | |
|-------------|----------|-----------|-----|----|-----|-----|-----|-----|-----|----|
| B10-TLT0-30 | M1 ÷ M10 | B10 | 13 | 23 | 107 | 30 | | | | |
| B12-TLT0-20 | | | | | 111 | 30 | | | | |
| B12-TLT0-30 | | B12 | | | | | | | | |
| B16-TLT1-30 | M3 ÷ M12 | B16 | 19 | 35 | 135 | 30 | | | | |
| B16-TLT1-40 | | | | | | 148 | 40 | | | |
| B18-TLT1-30 | | B18 | | | 148 | 40 | | | | |
| B18-TLT1-40 | | | | | | 168 | 40 | | | |
| B18-TLT2-30 | M8 ÷ M20 | B18 | 31 | 50 | 168 | 30 | | | | |
| B18-TLT2-40 | | | | | | 177 | 40 | | | |
| B22-TLT2-30 | | B22 | | | 177 | 40 | | | | |
| B22-TLT2-40 | | | | | | 221 | 30 | | | |
| B22-TLT3-30 | | M14 ÷ M33 | | | B22 | 48 | 72 | 221 | 40 | |
| B22-TLT3-40 | | | | | | | | | 231 | 30 |
| B24-TLT3-40 | B24 | | 231 | 30 | | | | | | |
| B24-TLT3-40 | | | | 40 | | | | | | |

Mandrini rigidi con compensazione assiale in compressione e trazione (DIN/238)

Quick change toolholders with length compensation Axial in Tension (DIN/238)



| CODICE | CAP | B | X | D | L | C | T | EUR |
|-----------------|-----------|-----|----|----|-----|----|----|-----|
| B10-TLTC0-20/10 | M1 ÷ M10 | B10 | 13 | 23 | 127 | 20 | 10 | |
| B10-TLTC0-15/15 | | | | | 122 | 15 | 15 | |
| B12-TLTC0-20/10 | | B12 | | | 131 | 20 | 10 | |
| B12-TLTC0-15/15 | | | | | 126 | 15 | 15 | |
| B16-TLTC1-30/10 | M3 ÷ M12 | B16 | 19 | 35 | 165 | 30 | 10 | |
| B16-TLTC1-20/20 | | | | | 155 | 20 | 20 | |
| B18-TLTC1-30/10 | | B18 | | | 178 | 30 | 10 | |
| B18-TLTC1-20/20 | | | | | 168 | 20 | 20 | |
| B18-TLTC2-30/10 | M8 ÷ M20 | B18 | 31 | 50 | 198 | 30 | 10 | |
| B18-TLTC2-20/20 | | | | | 188 | 20 | 20 | |
| B22-TLTC2-30/10 | | B22 | | | 207 | 30 | 10 | |
| B22-TLTC2-20/20 | | | | | 197 | 20 | 20 | |
| B22-TLTC3-30/10 | M14 ÷ M33 | B22 | 48 | 72 | 251 | 30 | 10 | |
| B22-TLTC3-20/20 | | | | | 241 | 20 | 20 | |
| B24-TLTC3-30/10 | | B24 | | | 161 | 30 | 10 | |
| B24-TLTC3-20/20 | | | | | 251 | 20 | 20 | |

Mandrini rigidi con compensazione assiale in compressione e flottamento radiale (DIN/238)

Quick change toolholders with length compensation in Compression and Floating Radial (DIN/238)



| CODICE | CAP | B | X | D | L | FLOT | C | EUR |
|--------------|-----------|-----|----|----|-----|------|----|-----|
| B10-TLCP0-20 | M1 ÷ M10 | B10 | 13 | 23 | 139 | 0.25 | 20 | |
| B10-TLCP0-30 | | | | | 159 | | 30 | |
| B12-TLCP0-20 | | B12 | | | 143 | | 20 | |
| B12-TLCP0-30 | | | | | 163 | | 30 | |
| B12-TLCP1-30 | M3 ÷ M12 | B12 | 19 | 35 | 142 | 0.5 | 30 | |
| B12-TLCP1-40 | | | | | 162 | | 40 | |
| B16-TLCP1-30 | | B16 | | | 142 | | 30 | |
| B16-TLCP1-40 | | | | | 162 | | 40 | |
| B18-TLCP1-30 | M8 ÷ M20 | B18 | 31 | 50 | 157 | 1 | 30 | |
| B18-TLCP1-40 | | | | | 162 | | 40 | |
| B16-TLCP2-30 | | B16 | | | 176 | | 30 | |
| B16-TLCP2-40 | | | | | 196 | | 40 | |
| B18-TLCP2-30 | M14 ÷ M33 | B18 | 48 | 72 | 176 | 1.5 | 30 | |
| B18-TLCP2-40 | | | | | 196 | | 40 | |
| B22-TLCP2-30 | | B22 | | | 192 | | 30 | |
| B22-TLCP2-40 | | | | | 212 | | 40 | |
| B22-TLCP3-30 | M14 ÷ M33 | B22 | 48 | 72 | 232 | 1.5 | 30 | |
| B22-TLCP3-40 | | | | | 252 | | 40 | |
| B24-TLCP3-30 | | B24 | | | 232 | | 30 | |
| B24-TLCP3-40 | | | | | 252 | | 40 | |

**Mandrini rigidi con compensazione assiale
 in trazione e flottamento radiale (DIN/238)**

 Quick change toolholders with length compensation
 in Tension and Floating Radial (DIN/238)


| CODICE | CAP | B | X | D | L | FLOT | T | EUR |
|--------------|-----------|-----|----|----|-----|------|----|-----|
| B10-TLTP0-30 | M1 ÷ M10 | B10 | 13 | 23 | 129 | 0.25 | 30 | |
| B12-TLTP0-20 | | B12 | | | 133 | | 20 | |
| B12-TLTP0-30 | | | | | | | 30 | |
| B16-TLTP1-30 | M3 ÷ M12 | B16 | 19 | 35 | 150 | 0.50 | 30 | |
| B16-TLTP1-40 | | | | | | | 40 | |
| B18-TLTP1-30 | | B18 | | | 163 | | 30 | |
| B18-TLTP1-40 | | | | | | | 40 | |
| B18-TLTP2-30 | M8 ÷ M20 | B18 | 31 | 50 | 194 | 1.00 | 30 | |
| B18-TLTP2-40 | | | | | | | 40 | |
| B22-TLTP2-30 | | B22 | | | 203 | | 30 | |
| B22-TLTP2-40 | | | | | | | 40 | |
| B22-TLTP3-30 | M14 ÷ M33 | B22 | 48 | 72 | 256 | 1.50 | 30 | |
| B22-TLTP3-40 | | | | | | | 40 | |
| B24-TLTP3-30 | | B24 | | | 266 | | 30 | |
| B24-TLTP3-40 | | | | | | | 40 | |

**Mandrini rigidi con compensazione assiale
 in compressione e trazione e flottamento radiale (DIN/238)**

 Quick change toolholders with length compensation in
 Compression/Tension and Floating Radial (DIN/238)


| CODICE | CAP | B | X | D | L | FLOT | T | C | EUR |
|------------------|-----------|-----|----|----|-----|------|-----|----|-----|
| B10-TLTCP0-20/10 | M1 ÷ M10 | B10 | 13 | 23 | 149 | 0.25 | 10 | 20 | |
| B10-TLTCP0-15/15 | | | | | | | 144 | 15 | 15 |
| B12-TLTCP0-20/10 | | B12 | | | 153 | | 10 | 20 | |
| B12-TLTCP0-15/15 | | | | | | | 148 | 15 | 15 |
| B16-TLTCP1-30/10 | M3 ÷ M12 | B16 | 19 | 35 | 180 | 0.5 | 10 | 30 | |
| B16-TLTCP1-20/20 | | | | | | | 170 | 20 | 20 |
| B18-TLTCP1-30/10 | | B18 | | | 193 | | 10 | 30 | |
| B18-TLTCP1-20/20 | | | | | | | 183 | 20 | 20 |
| B18-TLTCP2-30/10 | M8 ÷ M20 | B18 | 31 | 50 | 224 | 1 | 10 | 30 | |
| B18-TLTCP2-20/20 | | | | | | | 214 | 20 | 20 |
| B22-TLTCP2-30/10 | | B22 | | | 233 | | 10 | 30 | |
| B22-TLTCP2-20/20 | | | | | | | 223 | 20 | 20 |
| B22-TLTCP3-30/10 | M14 ÷ M33 | B22 | 48 | 72 | 286 | 1.5 | 10 | 30 | |
| B22-TLTCP3-20/20 | | | | | | | 276 | 20 | 20 |
| B24-TLTCP3-30/10 | | B24 | | | 296 | | 10 | 30 | |
| B24-TLTCP3-20/20 | | | | | | | 286 | 20 | 20 |