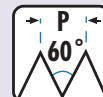


CALIBRES ROSCA







CALIBRES DE ROSCA M/MF - TAMPONES
M
MF

 Ref. CT PASA / NO PASA
 Ref. CTP PASA
 Ref. CTNP NO PASA

DIN
13
DIN/ISO
1502
TOL
6H
Cert.

X210
Cr12

Ref. CT



| | | CT | | CTP | | CTNP |
|---|---|--------|---|-----|---|------|
|  |  | € |  | € |  | € |
| PASA / NO PASA | | | PASA | | NO PASA | |
| M 1x0,25 | CTM01x0,25 | 262,93 | CTPM01x0,25 | - | CTNPM01x0,25 | - |
| M 1,1x0,25 | CTM01,1x0,25 | 262,93 | CTPM01,1x0,25 | - | CTNPM01,1x0,25 | - |
| M 1,2x0,25 | CTM01,2x0,25 | 262,93 | CTPM01,2x0,25 | - | CTNPM01,2x0,25 | - |
| M 1,4x0,30 | CTM01,4x0,30 | 262,93 | CTPM01,4x0,30 | - | CTNPM01,4x0,30 | - |
| M 1,6x0,35 | CTM01,6x0,35 | 209,30 | CTPM01,6x0,35 | - | CTNPM01,6x0,35 | - |
| M 1,8x0,35 | CTM01,8x0,35 | 182,46 | CTPM01,8x0,35 | - | CTNPM01,8x0,35 | - |
| M 2x0,40 | CTM02x0,40 | 131,48 | CTPM02x0,40 | - | CTNPM02x0,40 | - |
| M 2,2x0,45 | CTM02,2x0,45 | 134,61 | CTPM02,2x0,45 | - | CTNPM02,2x0,45 | - |
| M 2,3x0,40 | CTM02,3x0,40 | 136,85 | CTPM02,3x0,40 | - | CTNPM02,3x0,40 | - |
| M 2,5x0,45 | CTM02,5x0,45 | 130,59 | CTPM02,5x0,45 | - | CTNPM02,5x0,45 | - |
| M 2,6x0,45 | CTM02,6x0,45 | 132,97 | CTPM02,6x0,45 | - | CTNPM02,6x0,45 | - |
| M 3x0,50 | CTM03x0,50 | 106,44 | CTPM03x0,50 | - | CTNPM03x0,50 | - |
| M 3,5x0,60 | CTM03,5x0,60 | 103,30 | CTPM03,5x0,60 | - | CTNPM03,5x0,60 | - |
| M 4x0,50 | CTM04x0,50 | 179,54 | CTPM04x0,50 | - | CTNPM04x0,50 | - |
| M 4x0,70 | CTM04x0,70 | 100,18 | CTPM04x0,70 | - | CTNPM04x0,70 | - |
| M 4,5x0,75 | CTM04,5x0,75 | 140,13 | CTPM04,5x0,75 | - | CTNPM04,5x0,75 | - |
| M 5x0,50 | CTM05x0,50 | 187,53 | CTPM05x0,50 | - | CTNPM05x0,50 | - |
| M 5x0,75 | CTM05x0,75 | 137,74 | CTPM05x0,75 | - | CTNPM05x0,75 | - |
| M 5x0,80 | CTM05x0,80 | 97,05 | CTPM05x0,80 | - | CTNPM05x0,80 | - |
| M 6x0,50 | CTM06x0,50 | 187,53 | CTPM06x0,50 | - | CTNPM06x0,50 | - |
| M 6x0,75 | CTM06x0,75 | 131,48 | CTPM06x0,75 | - | CTNPM06x0,75 | - |
| M 6x1,00 | CTM06x1,00 | 93,91 | CTPM06x1,00 | - | CTNPM06x1,00 | - |
| M 7x0,75 | CTM07x0,75 | 134,61 | CTPM07x0,75 | - | CTNPM07x0,75 | - |
| M 7x1,00 | CTM07x1,00 | 108,00 | CTPM07x1,00 | - | CTNPM07x1,00 | - |
| M 8x0,50 | CTM08x0,50 | 187,53 | CTPM08x0,50 | - | CTNPM08x0,50 | - |
| M 8x0,75 | CTM08x0,75 | 137,74 | CTPM08x0,75 | - | CTNPM08x0,75 | - |
| M 8x1,00 | CTM08x1,00 | 115,59 | CTPM08x1,00 | - | CTNPM08x1,00 | - |
| M 8x1,25 | CTM08x1,25 | 97,05 | CTPM08x1,25 | - | CTNPM08x1,25 | - |
| M 9x1,00 | CTM09x1,00 | 125,22 | CTPM09x1,00 | - | CTNPM09x1,00 | - |
| M 9x1,25 | CTM09x1,25 | 100,18 | CTPM09x1,25 | - | CTNPM09x1,25 | - |
| M 10x0,75 | CTM10x0,75 | 144,01 | CTPM10x0,75 | - | CTNPM10x0,75 | - |
| M 10x1,00 | CTM10x1,00 | 131,48 | CTPM10x1,00 | - | CTNPM10x1,00 | - |
| M 10x1,25 | CTM10x1,25 | 134,61 | CTPM10x1,25 | - | CTNPM10x1,25 | - |
| M 10x1,50 | CTM10x1,50 | 103,30 | CTPM10x1,50 | - | CTNPM10x1,50 | - |
| M 11x1,00 | CTM11x1,00 | 137,74 | CTPM11x1,00 | - | CTNPM11x1,00 | - |
| M 11x1,50 | CTM11x1,50 | 106,44 | CTPM11x1,50 | - | CTNPM11x1,50 | - |
| M 12x0,75 | CTM12x0,75 | 150,27 | CTPM12x0,75 | - | CTNPM12x0,75 | - |
| M 12x1,00 | CTM12x1,00 | 139,94 | CTPM12x1,00 | - | CTNPM12x1,00 | - |

* Todos los calibres de roscas se suministran con certificado

CALIBRES DE ROSCA M/MF - TAMPONES



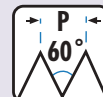
Ref. CT PASA / NO PASA
 Ref. CTP PASA
 Ref. CTNP NO PASA






| | | CT | | CTP | | CTNP |
|----------------|------------|--------|-------------|-----|--------------|------|
| | | € | | € | | € |
| PASA / NO PASA | | | PASA | | NO PASA | |
| M 12x1,25 | CTM12x1,25 | 147,14 | CTPM12x1,25 | - | CTNPM12x1,25 | - |
| M 12x1,50 | CTM12x1,50 | 125,22 | CTPM12x1,50 | - | CTNPM12x1,50 | - |
| M 12x1,75 | CTM12x1,75 | 109,57 | CTPM12x1,75 | - | CTNPM12x1,75 | - |
| M 13x1,00 | CTM13x1,00 | 147,14 | CTPM13x1,00 | - | CTNPM13x1,00 | - |
| M 13x1,50 | CTM13x1,50 | 134,61 | CTPM13x1,50 | - | CTNPM13x1,50 | - |
| M 14x1,00 | CTM14x1,00 | 150,27 | CTPM14x1,00 | - | CTNPM14x1,00 | - |
| M 14x1,25 | CTM14x1,25 | 147,14 | CTPM14x1,25 | - | CTNPM14x1,25 | - |
| M 14x1,50 | CTM14x1,50 | 137,74 | CTPM14x1,50 | - | CTNPM14x1,50 | - |
| M 14x2,00 | CTM14x2,00 | 115,84 | CTPM14x2,00 | - | CTNPM14x2,00 | - |
| M 15x1,00 | CTM15x1,00 | 153,39 | CTPM15x1,00 | - | CTNPM15x1,00 | - |
| M 15x1,50 | CTM15x1,50 | 144,01 | CTPM15x1,50 | - | CTNPM15x1,50 | - |
| M 16x1,00 | CTM16x1,00 | 162,79 | CTPM16x1,00 | - | CTNPM16x1,00 | - |
| M 16x1,50 | CTM16x1,50 | 147,14 | CTPM16x1,50 | - | CTNPM16x1,50 | - |
| M 16x2,00 | CTM16x2,00 | 128,35 | CTPM16x2,00 | - | CTNPM16x2,00 | - |
| M 18x1,00 | CTM18x1,00 | 149,68 | CTPM18x1,00 | - | CTNPM18x1,00 | - |
| M 18x1,50 | CTM18x1,50 | 153,39 | CTPM18x1,50 | - | CTNPM18x1,50 | - |
| M 18x2,00 | CTM18x2,00 | 153,39 | CTPM18x2,00 | - | CTNPM18x2,00 | - |
| M 18x2,50 | CTM18x2,50 | 137,74 | CTPM18x2,50 | - | CTNPM18x2,50 | - |
| M 20x1,00 | CTM20x1,00 | 178,45 | CTPM20x1,00 | - | CTNPM20x1,00 | - |
| M 20x1,50 | CTM20x1,50 | 162,79 | CTPM20x1,50 | - | CTNPM20x1,50 | - |
| M 20x2,00 | CTM20x2,00 | 162,79 | CTPM20x2,00 | - | CTNPM20x2,00 | - |
| M 20x2,50 | CTM20x2,50 | 147,14 | CTPM20x2,50 | - | CTNPM20x2,50 | - |
| M 22x1,00 | CTM22x1,00 | 190,81 | CTPM22x1,00 | - | CTNPM22x1,00 | - |
| M 22x1,50 | CTM22x1,50 | 175,90 | CTPM22x1,50 | - | CTNPM22x1,50 | - |
| M 22x2,00 | CTM22x2,00 | 184,70 | CTPM22x2,00 | - | CTNPM22x2,00 | - |
| M 22x2,50 | CTM22x2,50 | 156,52 | CTPM22x2,50 | - | CTNPM22x2,50 | - |
| M 24x1,00 | CTM24x1,00 | 203,14 | CTPM24x1,00 | - | CTNPM24x1,00 | - |
| M 24x1,50 | CTM24x1,50 | 184,85 | CTPM24x1,50 | - | CTNPM24x1,50 | - |
| M 24x2,00 | CTM24x2,00 | 184,85 | CTPM24x2,00 | - | CTNPM24x2,00 | - |
| M 24x3,00 | CTM24x3,00 | 175,31 | CTPM24x3,00 | - | CTNPM24x3,00 | - |
| M 25x1,00 | CTM25x1,00 | 208,70 | CTPM25x1,00 | - | CTNPM25x1,00 | - |
| M 25x1,50 | CTM25x1,50 | 190,81 | CTPM25x1,50 | - | CTNPM25x1,50 | - |
| M 25x2,00 | CTM25x2,00 | 190,81 | CTPM25x2,00 | - | CTNPM25x2,00 | - |
| M 26x1,00 | CTM26x1,00 | 228,52 | CTPM26x1,00 | - | CTNPM26x1,00 | - |
| M 26x1,50 | CTM26x1,50 | 206,62 | CTPM26x1,50 | - | CTNPM26x1,50 | - |
| M 26x2,00 | CTM26x2,00 | 206,62 | CTPM26x2,00 | - | CTNPM26x2,00 | - |
| M 27x1,00 | CTM27x1,00 | 225,64 | CTPM27x1,00 | - | CTNPM27x1,00 | - |
| M 27x1,50 | CTM27x1,50 | 207,34 | CTPM27x1,50 | - | CTNPM27x1,50 | - |
| M 27x2,00 | CTM27x2,00 | 207,34 | CTPM27x2,00 | - | CTNPM27x2,00 | - |
| M 27x3,00 | CTM27x3,00 | 198,50 | CTPM27x3,00 | - | CTNPM27x3,00 | - |
| M 28x1,50 | CTM28x1,50 | 219,14 | CTPM28x1,50 | - | CTNPM28x1,50 | - |
| M 28x2,00 | CTM28x2,00 | 219,14 | CTPM28x2,00 | - | CTNPM28x2,00 | - |
| M 30x1,00 | CTM30x1,00 | 241,65 | CTPM30x1,00 | - | CTNPM30x1,00 | - |
| M 30x1,50 | CTM30x1,50 | 228,69 | CTPM30x1,50 | - | CTNPM30x1,50 | - |
| M 30x2,00 | CTM30x2,00 | 228,69 | CTPM30x2,00 | - | CTNPM30x2,00 | - |
| M 30x3,00 | CTM30x3,00 | 259,18 | CTPM30x3,00 | - | CTNPM30x3,00 | - |
| M 30x3,50 | CTM30x3,50 | 217,71 | CTPM30x3,50 | - | CTNPM30x3,50 | - |
| M 32x1,00 | CTM32x1,00 | 241,90 | CTPM32x1,00 | - | CTNPM32x1,00 | - |
| M 32x1,50 | CTM32x1,50 | 219,14 | CTPM32x1,50 | - | CTNPM32x1,50 | - |

CALIBRES DE ROSCA M/MF - TAMPONES
M
MF

 Ref. CT PASA / NO PASA
 Ref. CTP PASA
 Ref. CTNP NO PASA

DIN
13
DIN/ISO
1502
TOL
6H
Cert.

X210
Cr12

| |  | CT | |  | CTP | |  | CTNP | |
|-----------|---|--------|---|---|--------|--------------|---|------|---|
| | | | € | | | € | | | € |
| | PASA / NO PASA | | | PASA | | NO PASA | | | |
| M 32x2,00 | CTM32x2,00 | 219,14 | | CTPM32x2,00 | - | CTNPM32x2,00 | - | | |
| M 33x1,00 | CTM33x1,00 | 253,99 | | CTPM33x1,00 | - | CTNPM33x1,00 | - | | |
| M 33x1,50 | CTM33x1,50 | 240,88 | | CTPM33x1,50 | - | CTNPM33x1,50 | - | | |
| M 33x2,00 | CTM33x2,00 | 240,88 | | CTPM33x2,00 | - | CTNPM33x2,00 | - | | |
| M 33x3,00 | CTM33x3,00 | 253,99 | | CTPM33x3,00 | - | CTNPM33x3,00 | - | | |
| M 33x3,50 | CTM33x3,50 | 240,12 | | CTPM33x3,50 | - | CTNPM33x3,50 | - | | |
| M 34x1,50 | CTM34x1,50 | 233,37 | | CTPM34x1,50 | - | CTNPM34x1,50 | - | | |
| M 34x2,00 | CTM34x2,00 | 233,37 | | CTPM34x2,00 | - | CTNPM34x2,00 | - | | |
| M 35x1,00 | CTM35x1,00 | 258,98 | | CTPM35x1,00 | - | CTNPM35x1,00 | - | | |
| M 35x1,50 | CTM35x1,50 | 236,21 | | CTPM35x1,50 | - | CTNPM35x1,50 | - | | |
| M 35x2,00 | CTM35x2,00 | 236,21 | | CTPM35x2,00 | - | CTNPM35x2,00 | - | | |
| M 36x1,00 | CTM36x1,00 | 273,21 | | CTPM36x1,00 | - | CTNPM36x1,00 | - | | |
| M 36x1,50 | CTM36x1,50 | 259,18 | | CTPM36x1,50 | - | CTNPM36x1,50 | - | | |
| M 36x2,00 | CTM36x2,00 | 259,18 | | CTPM36x2,00 | - | CTNPM36x2,00 | - | | |
| M 36x4,00 | CTM36x4,00 | 259,34 | | CTPM36x4,00 | - | CTNPM36x4,00 | - | | |
| M 38x1,00 | CTM38x1,00 | 284,59 | | CTPM38x1,00 | - | CTNPM38x1,00 | - | | |
| M 38x1,50 | CTM38x1,50 | 258,98 | | CTPM38x1,50 | - | CTNPM38x1,50 | - | | |
| M 38x2,00 | CTM38x2,00 | 258,98 | | CTPM38x2,00 | - | CTNPM38x2,00 | - | | |
| M 39x1,00 | CTM39x1,00 | 296,54 | | CTPM39x1,00 | - | CTNPM39x1,00 | - | | |
| M 39x1,50 | CTM39x1,50 | 280,53 | | CTPM39x1,50 | - | CTNPM39x1,50 | - | | |
| M 39x2,00 | CTM39x2,00 | 280,53 | | CTPM39x2,00 | - | CTNPM39x2,00 | - | | |
| M 39x3,00 | CTM39x3,00 | 296,54 | | CTPM39x3,00 | - | CTNPM39x3,00 | - | | |
| M 39x4,00 | CTM39x4,00 | 284,95 | | CTPM39x4,00 | - | CTNPM39x4,00 | - | | |
| M 40x1,00 | CTM40x1,00 | 280,12 | | CTPM40x1,00 | - | CTNPM40x1,00 | - | | |
| M 40x1,50 | CTM40x1,50 | 265,62 | | CTPM40x1,50 | - | CTNPM40x1,50 | - | | |
| M 40x2,00 | CTM40x2,00 | 265,62 | | CTPM40x2,00 | - | CTNPM40x2,00 | - | | |
| M 40x3,00 | CTM40x3,00 | 280,12 | | CTPM40x3,00 | - | CTNPM40x3,00 | - | | |
| M 42x1,00 | CTM42x1,00 | 329,77 | | CTPM42x1,00 | - | CTNPM42x1,00 | - | | |
| M 42x1,50 | CTM42x1,50 | 323,37 | | CTPM42x1,50 | - | CTNPM42x1,50 | - | | |
| M 42x2,00 | CTM42x2,00 | 323,37 | | CTPM42x2,00 | - | CTNPM42x2,00 | - | | |
| M 42x3,00 | CTM42x3,00 | 325,20 | | CTPM42x3,00 | - | CTNPM42x3,00 | - | | |
| M 42x4,50 | CTM42x4,50 | 336,18 | | CTPM42x4,50 | - | CTNPM42x4,50 | - | | |
| M 45x1,00 | CTM45x1,00 | 305,60 | | CTPM45x1,00 | - | CTNPM45x1,00 | - | | |
| M 45x1,50 | CTM45x1,50 | 298,82 | | CTPM45x1,50 | - | CTNPM45x1,50 | - | | |
| M 45x2,00 | CTM45x2,00 | 299,23 | | CTPM45x2,00 | - | CTNPM45x2,00 | - | | |
| M 45x3,00 | CTM45x3,00 | 300,85 | | CTPM45x3,00 | - | CTNPM45x3,00 | - | | |
| M 45x4,00 | CTM45x4,00 | 381,35 | | CTPM45x4,00 | - | CTNPM45x4,00 | - | | |
| M 45x4,50 | CTM45x4,50 | - | | CTPM45x4,50 | 196,50 | CTNPM45x4,50 | 196,50 | | |
| M 48x1,00 | CTM48x1,00 | 400,05 | | CTPM48x1,00 | - | CTNPM48x1,00 | - | | |
| M 48x1,50 | CTM48x1,50 | 315,90 | | CTPM48x1,50 | - | CTNPM48x1,50 | - | | |
| M 48x2,00 | CTM48x2,00 | 321,58 | | CTPM48x2,00 | - | CTNPM48x2,00 | - | | |
| M 48x3,00 | CTM48x3,00 | 355,74 | | CTPM48x3,00 | - | CTNPM48x3,00 | - | | |
| M 48x4,00 | CTM48x4,00 | 404,12 | | CTPM48x4,00 | - | CTNPM48x4,00 | - | | |
| M 48x5,00 | CTM48x5,00 | - | | CTPM48x5,00 | 213,44 | CTNPM48x5,00 | 213,44 | | |
| M 50x1,00 | CTM50x1,00 | 414,69 | | CTPM50x1,00 | - | CTNPM50x1,00 | - | | |
| M 50x1,50 | CTM50x1,50 | 330,13 | | CTPM50x1,50 | - | CTNPM50x1,50 | - | | |
| M 50x2,00 | CTM50x2,00 | 335,81 | | CTPM50x2,00 | - | CTNPM50x2,00 | - | | |
| M 50x3,00 | CTM50x3,00 | 372,81 | | CTPM50x3,00 | - | CTNPM50x3,00 | - | | |
| M 52x1,00 | CTM52x1,00 | 436,64 | | CTPM52x1,00 | - | CTNPM52x1,00 | - | | |

CALIBRES DE ROSCA M/MF - TAMPONES



Ref. CT PASA / NO PASA
 Ref. CTP PASA
 Ref. CTNP NO PASA

DIN
13

DIN/ISO
1502

TOL
6H

Cert.

P
60°

X210
Cr12

| | | CT | | CTP | | CTNP |
|-----------|----------------|--------|-------------|--------|--------------|--------|
| | | € | | € | | € |
| | PASA / NO PASA | | PASA | | NO PASA | |
| M 52x1,50 | CTM52x1,50 | 341,51 | CTPM52x1,50 | - | CTNPM52x1,50 | - |
| M 52x2,00 | CTM52x2,00 | 352,89 | CTPM52x2,00 | - | CTNPM52x2,00 | - |
| M 52x3,00 | CTM52x3,00 | 392,73 | CTPM52x3,00 | - | CTNPM52x3,00 | - |
| M 52x4,00 | CTM52x4,00 | 380,54 | CTPM52x4,00 | - | CTNPM52x4,00 | - |
| M 52x5,00 | CTM52x5,00 | - | CTPM52x5,00 | 227,00 | CTNPM52x5,00 | 227,00 |
| M 55x1,00 | CTM55x1,00 | 463,48 | CTPM55x1,00 | - | CTNPM55x1,00 | - |
| M 55x1,50 | CTM55x1,50 | 352,89 | CTPM55x1,50 | - | CTNPM55x1,50 | - |
| M 55x2,00 | CTM55x2,00 | 372,81 | CTPM55x2,00 | - | CTNPM55x2,00 | - |
| M 55x3,00 | CTM55x3,00 | 375,93 | CTPM55x3,00 | - | CTNPM55x3,00 | - |
| M 55x4,00 | CTM55x4,00 | 422,28 | CTPM55x4,00 | - | CTNPM55x4,00 | - |
| M 56x1,00 | CTM56x1,00 | - | CTPM56x1,00 | 291,71 | CTNPM56x1,00 | 291,71 |
| M 56x1,50 | CTM56x1,50 | - | CTPM56x1,50 | 263,25 | CTNPM56x1,50 | 263,25 |
| M 56x2,00 | CTM56x2,00 | - | CTPM56x2,00 | 263,25 | CTNPM56x2,00 | 263,25 |
| M 56x3,00 | CTM56x3,00 | - | CTPM56x3,00 | 291,71 | CTNPM56x3,00 | 291,71 |
| M 56x4,00 | CTM56x4,00 | - | CTPM56x4,00 | 291,71 | CTNPM56x4,00 | 291,71 |
| M 56x5,50 | CTM56x5,50 | - | CTPM56x5,50 | 263,25 | CTNPM56x5,50 | 263,25 |
| M 58x1,00 | CTM58x1,00 | - | CTPM58x1,00 | 302,38 | CTNPM58x1,00 | 302,38 |
| M 58x1,50 | CTM58x1,50 | - | CTPM58x1,50 | 266,81 | CTNPM58x1,50 | 266,81 |
| M 58x2,00 | CTM58x2,00 | - | CTPM58x2,00 | 266,81 | CTNPM58x2,00 | 266,81 |
| M 58x3,00 | CTM58x3,00 | - | CTPM58x3,00 | 302,38 | CTNPM58x3,00 | 302,38 |
| M 60x1,00 | CTM60x1,00 | - | CTPM60x1,00 | 313,05 | CTNPM60x1,00 | 313,05 |
| M 60x1,50 | CTM60x1,50 | - | CTPM60x1,50 | 281,03 | CTNPM60x1,50 | 281,03 |
| M 60x2,00 | CTM60x2,00 | - | CTPM60x2,00 | 281,03 | CTNPM60x2,00 | 281,03 |
| M 60x3,00 | CTM60x3,00 | - | CTPM60x3,00 | 313,05 | CTNPM60x3,00 | 313,05 |
| M 60x4,00 | CTM60x4,00 | - | CTPM60x4,00 | 313,05 | CTNPM60x4,00 | 313,05 |
| M 60x5,50 | CTM60x5,50 | - | CTPM60x5,50 | 281,03 | CTNPM60x5,50 | 281,03 |
| M 62x1,00 | CTM62x1,00 | - | CTPM62x1,00 | 323,73 | CTNPM62x1,00 | 323,73 |
| M 62x1,50 | CTM62x1,50 | - | CTPM62x1,50 | 291,71 | CTNPM62x1,50 | 291,71 |
| M 62x2,00 | CTM62x2,00 | - | CTPM62x2,00 | 291,71 | CTNPM62x2,00 | 291,71 |
| M 62x3,00 | CTM62x3,00 | - | CTPM62x3,00 | 323,73 | CTNPM62x3,00 | 323,73 |
| M 64x1,00 | CTM64x1,00 | - | CTPM64x1,00 | 327,29 | CTNPM64x1,00 | 327,29 |
| M 64x1,50 | CTM64x1,50 | - | CTPM64x1,50 | 302,38 | CTNPM64x1,50 | 302,38 |
| M 64x2,00 | CTM64x2,00 | - | CTPM64x2,00 | 302,38 | CTNPM64x2,00 | 302,38 |
| M 64x3,00 | CTM64x3,00 | - | CTPM64x3,00 | 327,29 | CTNPM64x3,00 | 327,29 |
| M 64x4,00 | CTM64x4,00 | - | CTPM64x4,00 | 327,29 | CTNPM64x4,00 | 327,29 |
| M 64x6,00 | CTM64x6,00 | - | CTPM64x6,00 | 309,50 | CTNPM64x6,00 | 309,50 |
| M 65x1,00 | CTM65x1,00 | - | CTPM65x1,00 | 334,39 | CTNPM65x1,00 | 334,39 |
| M 65x2,00 | CTM65x2,00 | - | CTPM65x2,00 | 313,05 | CTNPM65x2,00 | 313,05 |
| M 65x3,00 | CTM65x3,00 | - | CTPM65x3,00 | 334,39 | CTNPM65x3,00 | 334,39 |
| M 68x1,00 | CTM68x1,00 | - | CTPM68x1,00 | 352,18 | CTNPM68x1,00 | 352,18 |
| M 68x1,50 | CTM68x1,50 | - | CTPM68x1,50 | 323,73 | CTNPM68x1,50 | 323,73 |
| M 68x2,00 | CTM68x2,00 | - | CTPM68x2,00 | 323,73 | CTNPM68x2,00 | 323,73 |
| M 68x3,00 | CTM68x3,00 | - | CTPM68x3,00 | 352,18 | CTNPM68x3,00 | 352,18 |
| M 68x4,00 | CTM68x4,00 | - | CTPM68x4,00 | 352,18 | CTNPM68x4,00 | 352,18 |
| M 68x6,00 | CTM68x6,00 | - | CTPM68x6,00 | 323,73 | CTNPM68x6,00 | 323,73 |
| M 70x1,00 | CTM70x1,00 | - | CTPM70x1,00 | 366,41 | CTNPM70x1,00 | 366,41 |
| M 70x1,50 | CTM70x1,50 | - | CTPM70x1,50 | 334,39 | CTNPM70x1,50 | 334,39 |




CALIBRES DE ROSCA M/MF - TAMPONES
M
MF

Ref. CT PASA / NO PASA

Ref. CTP PASA

Ref. CTNP NO PASA

DIN
13
DIN/ISO
1502
TOL
6H
Cert.
P
60°
X210
Cr12

| |  | CT |  | CTP |  | CTNP |
|------------|---|----|---|--------|---|--------|
| | | € | | € | | € |
| | PASA / NO PASA | | PASA | | NO PASA | |
| M 70x2,00 | CTM70x2,00 | - | CTPM70x2,00 | 334,39 | CTNPM70x2,00 | 334,39 |
| M 70x3,00 | CTM70x3,00 | - | CTPM70x3,00 | 366,41 | CTNPM70x3,00 | 366,41 |
| M 70x4,00 | CTM70x4,00 | - | CTPM70x4,00 | 366,41 | CTNPM70x4,00 | 366,41 |
| M 70x6,00 | CTM70x6,00 | - | CTPM70x6,00 | 398,43 | CTNPM70x6,00 | 398,43 |
| M 72x1,00 | CTM72x1,00 | - | CTPM72x1,00 | 373,53 | CTNPM72x1,00 | 373,53 |
| M 72x1,50 | CTM72x1,50 | - | CTPM72x1,50 | 341,51 | CTNPM72x1,50 | 341,51 |
| M 72x2,00 | CTM72x2,00 | - | CTPM72x2,00 | 341,51 | CTNPM72x2,00 | 341,51 |
| M 72x3,00 | CTM72x3,00 | - | CTPM72x3,00 | 373,53 | CTNPM72x3,00 | 373,53 |
| M 72x4,00 | CTM72x4,00 | - | CTPM72x4,00 | 373,53 | CTNPM72x4,00 | 373,53 |
| M 72x6,00 | CTM72x6,00 | - | CTPM72x6,00 | 405,54 | CTNPM72x6,00 | 405,54 |
| M 75x1,00 | CTM75x1,00 | - | CTPM75x1,00 | 394,87 | CTNPM75x1,00 | 394,87 |
| M 75x1,50 | CTM75x1,50 | - | CTPM75x1,50 | 355,74 | CTNPM75x1,50 | 355,74 |
| M 75x2,00 | CTM75x2,00 | - | CTPM75x2,00 | 355,74 | CTNPM75x2,00 | 355,74 |
| M 75x3,00 | CTM75x3,00 | - | CTPM75x3,00 | 394,87 | CTNPM75x3,00 | 394,87 |
| M 75x4,00 | CTM75x4,00 | - | CTPM75x4,00 | 394,87 | CTNPM75x4,00 | 394,87 |
| M 76x1,00 | CTM76x1,00 | - | CTPM76x1,00 | 394,87 | CTNPM76x1,00 | 394,87 |
| M 76x1,50 | CTM76x1,50 | - | CTPM76x1,50 | 359,30 | CTNPM76x1,50 | 359,30 |
| M 76x2,00 | CTM76x2,00 | - | CTPM76x2,00 | 359,30 | CTNPM76x2,00 | 359,30 |
| M 76x3,00 | CTM76x3,00 | - | CTPM76x3,00 | 394,87 | CTNPM76x3,00 | 394,87 |
| M 76x4,00 | CTM76x4,00 | - | CTPM76x4,00 | 394,87 | CTNPM76x4,00 | 394,87 |
| M 76x6,00 | CTM76x6,00 | - | CTPM76x6,00 | 416,22 | CTNPM76x6,00 | 416,22 |
| M 80x1,00 | CTM80x1,00 | - | CTPM80x1,00 | 416,22 | CTNPM80x1,00 | 416,22 |
| M 80x1,50 | CTM80x1,50 | - | CTPM80x1,50 | 380,65 | CTNPM80x1,50 | 380,65 |
| M 80x2,00 | CTM80x2,00 | - | CTPM80x2,00 | 380,65 | CTNPM80x2,00 | 380,65 |
| M 80x3,00 | CTM80x3,00 | - | CTPM80x3,00 | 416,22 | CTNPM80x3,00 | 416,22 |
| M 80x4,00 | CTM80x4,00 | - | CTPM80x4,00 | 416,22 | CTNPM80x4,00 | 416,22 |
| M 80x6,00 | CTM80x6,00 | - | CTPM80x6,00 | 444,68 | CTNPM80x6,00 | 444,68 |
| M 85x1,50 | CTM85x1,50 | - | CTPM85x1,50 | 405,54 | CTNPM85x1,50 | 405,54 |
| M 85x2,00 | CTM85x2,00 | - | CTPM85x2,00 | 405,54 | CTNPM85x2,00 | 405,54 |
| M 85x3,00 | CTM85x3,00 | - | CTPM85x3,00 | 444,68 | CTNPM85x3,00 | 444,68 |
| M 85x4,00 | CTM85x4,00 | - | CTPM85x4,00 | 444,68 | CTNPM85x4,00 | 444,68 |
| M 85x6,00 | CTM85x6,00 | - | CTPM85x6,00 | 473,13 | CTNPM85x6,00 | 473,13 |
| M 90x1,50 | CTM90x1,50 | - | CTPM90x1,50 | 426,89 | CTNPM90x1,50 | 426,89 |
| M 90x2,00 | CTM90x2,00 | - | CTPM90x2,00 | 426,89 | CTNPM90x2,00 | 426,89 |
| M 90x3,00 | CTM90x3,00 | - | CTPM90x3,00 | 466,02 | CTNPM90x3,00 | 466,02 |
| M 90x4,00 | CTM90x4,00 | - | CTPM90x4,00 | 466,02 | CTNPM90x4,00 | 466,02 |
| M 90x6,00 | CTM90x6,00 | - | CTPM90x6,00 | 505,16 | CTNPM90x6,00 | 505,16 |
| M 95x1,50 | CTM95x1,50 | - | CTPM95x1,50 | 448,23 | CTNPM95x1,50 | 448,23 |
| M 95x2,00 | CTM95x2,00 | - | CTPM95x2,00 | 448,23 | CTNPM95x2,00 | 448,23 |
| M 95x4,00 | CTM95x4,00 | - | CTPM95x4,00 | 494,48 | CTNPM95x4,00 | 494,48 |
| M 95x6,00 | CTM95x6,00 | - | CTPM95x6,00 | 533,61 | CTNPM95x6,00 | 533,61 |
| M 100x1,50 | CTM100x1,50 | - | CTPM100x1,50 | 473,13 | CTNPM100x1,50 | 473,13 |
| M 100x2,00 | CTM100x2,00 | - | CTPM100x2,00 | 473,13 | CTNPM100x2,00 | 473,13 |
| M 100x3,00 | CTM100x3,00 | - | CTPM100x3,00 | 519,38 | CTNPM100x3,00 | 519,38 |
| M 100x4,00 | CTM100x4,00 | - | CTPM100x4,00 | 519,38 | CTNPM100x4,00 | 519,38 |
| M 100x6,00 | CTM100x6,00 | - | CTPM100x6,00 | 565,62 | CTNPM100x6,00 | 565,62 |

CALIBRES DE ROSCA M/MF - TAMPONES DE TOLERANCIAS ESPECIALES




Ref. CTI
Ref. CT..-6G
Ref. CT..-6E PASA / NO PASA

| | | | | | | | |
|-----------|-----------------|-----------------------|-----------|-----------|-------|----------|--------------|
| DIN 13 | DIN/ISO 1502 | TOL 6H (izquierda) | TOL 6G | TOL 6E | Cert. | P 60° | X210 Cr12 |
|-----------|-----------------|-----------------------|-----------|-----------|-------|----------|--------------|

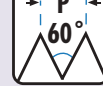
Ref. CT



| |  | CTI | | CT..-6G | | CT..-6E | |
|------------|---|----------------|----------------------------|-----------------|----------------|----------------|----------------|
| | | PASA / NO PASA | TOL 6H (izquierda) € | PASA / NO PASA | TOL 6G € | PASA / NO PASA | TOL 6E € |
| M 1x0,25 | | CTIM01x0,25 | - | CTM01x0,25-6G | - | | |
| M 1,1x0,25 | | CTIM01,1x0,25 | 679,88 | CTM01,1x0,25-6G | 448,93 | | |
| M 1,4x0,30 | | CTIM01,4x0,30 | 635,22 | CTM01,4x0,30-6G | 419,44 | | |
| M 2x0,40 | | CTIM02x0,40 | 208,43 | CTM02x0,40-6G | 137,63 | | |
| M 2,2x0,45 | | CTIM02,2x0,45 | - | CTM02,2x0,45-6G | - | | |
| M 2,3x0,40 | | CTIM02,3x0,40 | 387,08 | CTM02,3x0,40-6G | 255,59 | | |
| M 2,5x0,45 | | CTIM02,5x0,45 | 178,65 | CTM02,5x0,45-6G | 154,83 | | |
| M 2,6x0,45 | | CTIM02,6x0,45 | 258,05 | CTM02,6x0,45-6G | 223,65 | | |
| M 3x0,50 | | CTIM03x0,50 | 168,72 | CTM03x0,50-6G | 146,23 | CTM03x0,50-6E | 168,72 |
| M 3,5x0,60 | | CTIM03,5x0,60 | 163,77 | CTM03,5x0,60-6G | 141,94 | | |
| M 4x0,70 | | CTIM04x0,70 | 158,80 | CTM04x0,70-6G | 137,61 | CTM04x0,70-6E | 158,80 |
| M 4,5x0,75 | | CTIM04,5x0,75 | 233,25 | CTM04,5x0,75-6G | 202,15 | | |
| M 5x0,80 | | CTIM05x0,80 | 153,85 | CTM05x0,80-6G | 133,32 | CTM05x0,80-6E | 153,85 |
| M 6x1,00 | | CTIM06x1,00 | 149,91 | CTM06x1,00-6G | 129,02 | CTM06x1,00-6E | 148,88 |
| M 7x1,00 | | CTIM07x1,00 | 149,91 | CTM07x1,00-6G | 129,02 | | |
| M 08x1,00 | | CTIM08x1,00 | - | CTM08x1,00-6G | - | | |
| M 08x1,25 | | CTIM08x1,25 | 153,85 | CTM08x1,25-6G | 133,32 | CTM08x1,25-6E | 153,85 |
| M 10x1,00 | | CTIM10x1,00 | - | CTM10x1,00-6G | - | | |
| M 10x1,25 | | CTIM10x1,25 | - | CTM10x1,25-6G | - | | |
| M 10x1,50 | | CTIM10x1,50 | 163,77 | CTM10x1,50-6G | 141,94 | CTM10x1,50-6E | 164,25 |
| M 11x1,50 | | CTIM11x1,50 | - | CTM11x1,50-6G | - | | |
| M 12x1,00 | | CTIM12x1,00 | - | CTM12x1,00-6G | - | | |
| M 12x1,25 | | CTIM12x1,25 | - | CTM12x1,25-6G | - | | |
| M 12x1,50 | | CTIM12x1,50 | - | CTM12x1,50-6G | - | | |
| M 14x1,25 | | CTIM14x1,25 | - | CTM14x1,25-6G | - | | |
| M 14x1,50 | | CTIM14x1,50 | - | CTM14x1,50-6G | - | | |
| M 14x2,00 | | CTIM14x2,00 | 183,62 | CTM14x2,00-6G | 159,13 | | |
| M 16x1,50 | | CTIM16x1,50 | - | CTM16x1,50-6G | - | | |
| M 16x2,00 | | CTIM16x2,00 | 203,47 | CTM16x2,00-6G | 169,62 | | |
| M 18x1,50 | | CTIM18x1,50 | - | CTM18x1,50-6G | - | | |
| M 18x2,50 | | CTIM18x2,50 | 218,36 | CTM18x2,50-6G | 189,23 | | |
| M 20x1,50 | | CTIM20x1,50 | - | CTM20x1,50-6G | - | | |
| M 20x2,50 | | CTIM20x2,50 | 233,25 | CTM20x2,50-6G | 202,15 | | |
| M 22x2,50 | | CTIM22x2,50 | 248,13 | CTM22x2,50-6G | 215,04 | | |
| M 24x1,50 | | CTIM24x1,50 | - | CTM24x1,50-6G | - | | |
| M 24x3,00 | | CTIM24x3,00 | 277,90 | CTM24x3,00-6G | 240,85 | | |
| M 27x3,00 | | CTIM27x3,00 | 307,67 | CTM27x3,00-6G | 266,66 | | |
| M 30x3,50 | | CTIM30x3,50 | 337,46 | CTM30x3,50-6G | 292,46 | | |




CALIBRES DE ROSCA M/MF - ANILLOS
M
MF




 Ref. AP
 Ref. ANP

DIN
13
DIN/ISO
1502
TOL
6g
Cert.

X210
Cr12

 PASA
 Ref. AP

 NO PASA
 Ref. ANP

| | | AP | | ANP | |
|---|--|--------|---|--------|--|
|  |  | € |  | € | |
| | PASA | | NO PASA | | |
| M 14x1,50 | APM14x1,50 | 142,82 | ANPM14x1,50 | 142,82 | |
| M 14x2,00 | APM14x2,00 | 154,16 | ANPM14x2,00 | 154,16 | |
| M 15x1,00 | APM15x1,00 | 198,69 | ANPM15x1,00 | 198,69 | |
| M 15x1,50 | APM15x1,50 | 186,28 | ANPM15x1,50 | 186,28 | |
| M 16x1,00 | APM16x1,00 | 164,55 | ANPM16x1,00 | 164,55 | |
| M 16x1,50 | APM16x1,50 | 158,34 | ANPM16x1,50 | 158,34 | |
| M 16x2,00 | APM16x2,00 | 169,21 | ANPM16x2,00 | 169,21 | |
| M 18x1,00 | APM18x1,00 | 180,08 | ANPM18x1,00 | 180,08 | |
| M 18x1,50 | APM18x1,50 | 170,75 | ANPM18x1,50 | 170,75 | |
| M 18x2,00 | APM18x2,00 | 186,28 | ANPM18x2,00 | 186,28 | |
| M 18x2,50 | APM18x2,50 | 195,53 | ANPM18x2,50 | 195,53 | |
| M 20x1,00 | APM20x1,00 | 189,39 | ANPM20x1,00 | 189,39 | |
| M 20x1,50 | APM20x1,50 | 186,28 | ANPM20x1,50 | 186,28 | |
| M 20x2,00 | APM20x2,00 | 198,69 | ANPM20x2,00 | 198,69 | |
| M 20x2,50 | APM20x2,50 | 218,09 | ANPM20x2,50 | 218,09 | |
| M 22x1,00 | APM22x1,00 | 224,72 | ANPM22x1,00 | 224,72 | |
| M 22x1,50 | APM22x1,50 | 198,69 | ANPM22x1,50 | 198,69 | |
| M 22x2,00 | APM22x2,00 | 214,22 | ANPM22x2,00 | 214,22 | |
| M 22x2,50 | APM22x2,50 | 236,89 | ANPM22x2,50 | 236,89 | |
| M 24x1,00 | APM24x1,00 | 226,64 | ANPM24x1,00 | 226,64 | |
| M 24x1,50 | APM24x1,50 | 214,22 | ANPM24x1,50 | 214,22 | |
| M 24x2,00 | APM24x2,00 | 226,64 | ANPM24x2,00 | 226,64 | |
| M 24x3,00 | APM24x3,00 | 239,93 | ANPM24x3,00 | 239,93 | |
| M 25x1,00 | APM25x1,00 | 251,33 | ANPM25x1,00 | 251,33 | |
| M 25x1,50 | APM25x1,50 | 220,43 | ANPM25x1,50 | 220,43 | |
| M 25x2,00 | APM25x2,00 | 226,64 | ANPM25x2,00 | 226,64 | |
| M 26x1,00 | APM26x1,00 | 273,21 | ANPM26x1,00 | 273,21 | |
| M 26x1,50 | APM26x1,50 | 226,64 | ANPM26x1,50 | 226,64 | |
| M 26x2,00 | APM26x2,00 | 278,24 | ANPM26x2,00 | 278,24 | |
| M 27x1,00 | APM27x1,00 | 269,07 | ANPM27x1,00 | 269,07 | |
| M 27x1,50 | APM27x1,50 | 232,85 | ANPM27x1,50 | 232,85 | |
| M 27x2,00 | APM27x2,00 | 245,27 | ANPM27x2,00 | 245,27 | |
| M 27x3,00 | APM27x3,00 | 268,58 | ANPM27x3,00 | 268,58 | |
| M 28x1,50 | APM28x1,50 | 235,96 | ANPM28x1,50 | 235,96 | |
| M 28x2,00 | APM28x2,00 | 268,76 | ANPM28x2,00 | 268,76 | |
| M 30x1,00 | APM30x1,00 | 273,21 | ANPM30x1,00 | 273,21 | |
| M 30x1,50 | APM30x1,50 | 251,48 | ANPM30x1,50 | 251,48 | |
| M 30x2,00 | APM30x2,00 | 251,48 | ANPM30x2,00 | 251,48 | |
| M 30x3,00 | APM30x3,00 | 269,07 | ANPM30x3,00 | 269,07 | |
| M 30x3,50 | APM30x3,50 | 282,36 | ANPM30x3,50 | 282,36 | |
| M 32x1,00 | APM32x1,00 | 291,84 | ANPM32x1,00 | 291,84 | |
| M 32x1,50 | APM32x1,50 | 267,00 | ANPM32x1,50 | 267,00 | |
| M 32x2,00 | APM32x2,00 | 292,57 | ANPM32x2,00 | 292,57 | |
| M 33x1,00 | APM33x1,00 | 298,04 | ANPM33x1,00 | 298,04 | |
| M 33x1,50 | APM33x1,50 | 276,31 | ANPM33x1,50 | 276,31 | |
| M 33x2,00 | APM33x2,00 | 279,42 | ANPM33x2,00 | 279,42 | |
| M 33x3,00 | APM33x3,00 | 298,04 | ANPM33x3,00 | 298,04 | |
| M 33x3,50 | APM33x3,50 | 290,06 | ANPM33x3,50 | 290,06 | |
| M 34x1,00 | APM34x1,00 | 295,68 | ANPM34x1,00 | 295,68 | |

|  |  | AP |  | ANP |
|--|---|--------|---|--------|
| | PASA | € | NO PASA | € |
| M 2x0,40 | APM02x0,40 | 154,16 | ANPM02x0,40 | 154,16 |
| M 2,2x0,45 | APM02,2x0,45 | 180,48 | ANPM02,2x0,45 | 180,48 |
| M 2,5x0,45 | APM02,5x0,45 | 116,57 | ANPM02,5x0,45 | 116,57 |
| M 3x0,50 | APM03x0,50 | 112,80 | ANPM03x0,50 | 112,80 |
| M 3,5x0,60 | APM03,5x0,60 | 105,28 | ANPM03,5x0,60 | 105,28 |
| M 4x0,50 | APM04x0,50 | 215,85 | ANPM04x0,50 | 215,85 |
| M 4x0,70 | APM04x0,70 | 105,28 | ANPM04x0,70 | 105,28 |
| M 4,5x0,75 | APM04,5x0,75 | 150,40 | ANPM04,5x0,75 | 150,40 |
| M 5x0,50 | APM05x0,50 | 215,85 | ANPM05x0,50 | 215,85 |
| M 5x0,75 | APM05x0,75 | 155,23 | ANPM05x0,75 | 155,23 |
| M 5x0,80 | APM05x0,80 | 105,28 | ANPM05x0,80 | 105,28 |
| M 6x0,50 | APM06x0,50 | 215,85 | ANPM06x0,50 | 215,85 |
| M 6x0,75 | APM06x0,75 | 147,84 | ANPM06x0,75 | 147,84 |
| M 6x1,00 | APM06x1,00 | 105,28 | ANPM06x1,00 | 105,28 |
| M 7x0,75 | APM07x0,75 | 155,23 | ANPM07x0,75 | 155,23 |
| M 7x1,00 | APM07x1,00 | 128,91 | ANPM07x1,00 | 128,91 |
| M 8x0,50 | APM08x0,50 | 204,02 | ANPM08x0,50 | 204,02 |
| M 8x0,75 | APM08x0,75 | 149,03 | ANPM08x0,75 | 149,03 |
| M 8x1,00 | APM08x1,00 | 108,66 | ANPM08x1,00 | 108,66 |
| M 8x1,25 | APM08x1,25 | 105,28 | ANPM08x1,25 | 105,28 |
| M 9x0,75 | APM09x0,75 | 164,55 | ANPM09x0,75 | 164,55 |
| M 9x1,00 | APM09x1,00 | 111,76 | ANPM09x1,00 | 111,76 |
| M 9x1,25 | APM09x1,25 | 143,24 | ANPM09x1,25 | 143,24 |
| M 10x0,75 | APM10x0,75 | 156,71 | ANPM10x0,75 | 156,71 |
| M 10x1,00 | APM10x1,00 | 124,18 | ANPM10x1,00 | 124,18 |
| M 10x1,25 | APM10x1,25 | 133,50 | ANPM10x1,25 | 133,50 |
| M 10x1,50 | APM10x1,50 | 120,32 | ANPM10x1,50 | 120,32 |
| M 11x1,00 | APM11x1,00 | 127,29 | ANPM11x1,00 | 127,29 |
| M 11x1,50 | APM11x1,50 | 172,97 | ANPM11x1,50 | 172,97 |
| M 12x0,75 | APM12x0,75 | 189,23 | ANPM12x0,75 | 189,23 |
| M 12x1,00 | APM12x1,00 | 139,71 | ANPM12x1,00 | 139,71 |
| M 12x1,25 | APM12x1,25 | 152,12 | ANPM12x1,25 | 152,12 |
| M 12x1,50 | APM12x1,50 | 136,61 | ANPM12x1,50 | 136,61 |
| M 12x1,75 | APM12x1,75 | 139,13 | ANPM12x1,75 | 139,13 |
| M 13x1,00 | APM13x1,00 | 195,59 | ANPM13x1,00 | 195,59 |
| M 13x1,50 | APM13x1,50 | 210,57 | ANPM13x1,50 | 210,57 |
| M 14x1,00 | APM14x1,00 | 152,12 | ANPM14x1,00 | 152,12 |
| M 14x1,25 | APM14x1,25 | 164,55 | ANPM14x1,25 | 164,55 |

CALIBRES DE ROSCA M/MF - ANILLOS



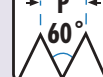
Ref. AP
Ref. ANP









| | | AP | | ANP | | | | AP | | ANP | |
|-----------|------------|--------|-------------|--------|-----------|------------|--------|-------------|--------|-----|--|
| | | € | | € | | | € | | € | | |
| | PASA | | NO PASA | | | PASA | | NO PASA | | | |
| M 34x1,50 | APM34x1,50 | 266,11 | ANPM34x1,50 | 266,11 | M 55x1,50 | APM55x1,50 | 369,89 | ANPM55x1,50 | 369,89 | | |
| M 34x2,00 | APM34x2,00 | 299,74 | ANPM34x2,00 | 299,74 | M 55x2,00 | APM55x2,00 | 384,38 | ANPM55x2,00 | 384,38 | | |
| M 35x1,00 | APM35x1,00 | 274,10 | ANPM35x1,00 | 274,10 | M 55x3,00 | APM55x3,00 | 396,50 | ANPM55x3,00 | 396,50 | | |
| M 35x1,50 | APM35x1,50 | 247,49 | ANPM35x1,50 | 247,49 | M 55x4,00 | APM55x4,00 | 533,93 | ANPM55x4,00 | 533,93 | | |
| M 35x2,00 | APM35x2,00 | 322,29 | ANPM35x2,00 | 322,29 | M 56x1,00 | APM56x1,00 | 591,36 | ANPM56x1,00 | 591,36 | | |
| M 36x1,00 | APM36x1,00 | 276,75 | ANPM36x1,00 | 276,75 | M 56x1,50 | APM56x1,50 | 416,91 | ANPM56x1,50 | 416,91 | | |
| M 36x1,50 | APM36x1,50 | 250,15 | ANPM36x1,50 | 250,15 | M 56x2,00 | APM56x2,00 | 399,17 | ANPM56x2,00 | 399,17 | | |
| M 36x2,00 | APM36x2,00 | 266,11 | ANPM36x2,00 | 266,11 | M 56x3,00 | APM56x3,00 | 446,48 | ANPM56x3,00 | 446,48 | | |
| M 36x4,00 | APM36x4,00 | 312,62 | ANPM36x4,00 | 312,62 | M 56x4,00 | APM56x4,00 | 449,14 | ANPM56x4,00 | 449,14 | | |
| M 38x1,00 | APM38x1,00 | 292,73 | ANPM38x1,00 | 292,73 | M 56x5,50 | APM56x5,50 | 544,31 | ANPM56x5,50 | 544,31 | | |
| M 38x1,50 | APM38x1,50 | 263,46 | ANPM38x1,50 | 263,46 | M 58x1,00 | APM58x1,00 | 424,30 | ANPM58x1,00 | 424,30 | | |
| M 38x2,00 | APM38x2,00 | 351,30 | ANPM38x2,00 | 351,30 | M 58x1,50 | APM58x1,50 | 428,73 | ANPM58x1,50 | 428,73 | | |
| M 39x1,00 | APM39x1,00 | 308,69 | ANPM39x1,00 | 308,69 | M 58x2,00 | APM58x2,00 | 422,82 | ANPM58x2,00 | 422,82 | | |
| M 39x1,50 | APM39x1,50 | 279,41 | ANPM39x1,50 | 279,41 | M 58x3,00 | APM58x3,00 | 420,56 | ANPM58x3,00 | 420,56 | | |
| M 39x2,00 | APM39x2,00 | 290,06 | ANPM39x2,00 | 290,06 | M 60x1,00 | APM60x1,00 | 465,33 | ANPM60x1,00 | 465,33 | | |
| M 39x3,00 | APM39x3,00 | 303,37 | ANPM39x3,00 | 303,37 | M 60x1,50 | APM60x1,50 | 432,55 | ANPM60x1,50 | 432,55 | | |
| M 39x4,00 | APM39x4,00 | 341,63 | ANPM39x4,00 | 341,63 | M 60x2,00 | APM60x2,00 | 445,32 | ANPM60x2,00 | 445,32 | | |
| M 40x1,00 | APM40x1,00 | 308,69 | ANPM40x1,00 | 308,69 | M 60x3,00 | APM60x3,00 | 456,36 | ANPM60x3,00 | 456,36 | | |
| M 40x1,50 | APM40x1,50 | 279,41 | ANPM40x1,50 | 279,41 | M 60x4,00 | APM60x4,00 | 501,33 | ANPM60x4,00 | 501,33 | | |
| M 40x2,00 | APM40x2,00 | 295,38 | ANPM40x2,00 | 295,38 | M 60x5,50 | APM60x5,50 | 509,22 | ANPM60x5,50 | 509,22 | | |
| M 40x3,00 | APM40x3,00 | 373,86 | ANPM40x3,00 | 373,86 | M 62x1,00 | APM62x1,00 | 525,36 | ANPM62x1,00 | 525,36 | | |
| M 42x1,00 | APM42x1,00 | 401,83 | ANPM42x1,00 | 401,83 | M 62x1,50 | APM62x1,50 | 432,55 | ANPM62x1,50 | 432,55 | | |
| M 42x1,50 | APM42x1,50 | 322,29 | ANPM42x1,50 | 322,29 | M 62x2,00 | APM62x2,00 | 445,32 | ANPM62x2,00 | 445,32 | | |
| M 42x2,00 | APM42x2,00 | 331,16 | ANPM42x2,00 | 331,16 | M 62x3,00 | APM62x3,00 | 456,36 | ANPM62x3,00 | 456,36 | | |
| M 42x3,00 | APM42x3,00 | 354,82 | ANPM42x3,00 | 354,82 | M 64x1,00 | APM64x1,00 | 585,36 | ANPM64x1,00 | 585,36 | | |
| M 42x4,50 | APM42x4,50 | 367,42 | ANPM42x4,50 | 367,42 | M 64x1,50 | APM64x1,50 | 432,55 | ANPM64x1,50 | 432,55 | | |
| M 45x1,00 | APM45x1,00 | 425,77 | ANPM45x1,00 | 425,77 | M 64x2,00 | APM64x2,00 | 445,32 | ANPM64x2,00 | 445,32 | | |
| M 45x1,50 | APM45x1,50 | 340,03 | ANPM45x1,50 | 340,03 | M 64x3,00 | APM64x3,00 | 456,36 | ANPM64x3,00 | 456,36 | | |
| M 45x2,00 | APM45x2,00 | 340,03 | ANPM45x2,00 | 340,03 | M 64x4,00 | APM64x4,00 | 501,33 | ANPM64x4,00 | 501,33 | | |
| M 45x3,00 | APM45x3,00 | 363,69 | ANPM45x3,00 | 363,69 | M 64x6,00 | APM64x6,00 | 541,45 | ANPM64x6,00 | 541,45 | | |
| M 45x4,00 | APM45x4,00 | 463,03 | ANPM45x4,00 | 463,03 | M 65x1,00 | APM65x1,00 | 599,69 | ANPM65x1,00 | 599,69 | | |
| M 45x4,50 | APM45x4,50 | 389,98 | ANPM45x4,50 | 389,98 | M 65x1,50 | APM65x1,50 | 425,77 | ANPM65x1,50 | 425,77 | | |
| M 48x1,00 | APM48x1,00 | 449,73 | ANPM48x1,00 | 449,73 | M 65x2,00 | APM65x2,00 | 420,45 | ANPM65x2,00 | 420,45 | | |
| M 48x1,50 | APM48x1,50 | 363,69 | ANPM48x1,50 | 363,69 | M 65x3,00 | APM65x3,00 | 564,00 | ANPM65x3,00 | 564,00 | | |
| M 48x2,00 | APM48x2,00 | 342,99 | ANPM48x2,00 | 342,99 | M 68x1,00 | APM68x1,00 | 601,11 | ANPM68x1,00 | 601,11 | | |
| M 48x3,00 | APM48x3,00 | 372,55 | ANPM48x3,00 | 372,55 | M 68x1,50 | APM68x1,50 | 432,55 | ANPM68x1,50 | 432,55 | | |
| M 48x4,00 | APM48x4,00 | 492,31 | ANPM48x4,00 | 492,31 | M 68x2,00 | APM68x2,00 | 445,32 | ANPM68x2,00 | 445,32 | | |
| M 48x5,00 | APM48x5,00 | 415,76 | ANPM48x5,00 | 415,76 | M 68x3,00 | APM68x3,00 | 456,36 | ANPM68x3,00 | 456,36 | | |
| M 50x1,00 | APM50x1,00 | 473,68 | ANPM50x1,00 | 473,68 | M 68x4,00 | APM68x4,00 | 501,33 | ANPM68x4,00 | 501,33 | | |
| M 50x1,50 | APM50x1,50 | 372,55 | ANPM50x1,50 | 372,55 | M 68x6,00 | APM68x6,00 | 573,68 | ANPM68x6,00 | 573,68 | | |
| M 50x2,00 | APM50x2,00 | 360,73 | ANPM50x2,00 | 360,73 | M 70x1,00 | APM70x1,00 | 625,21 | ANPM70x1,00 | 625,21 | | |
| M 50x3,00 | APM50x3,00 | 418,98 | ANPM50x3,00 | 418,98 | M 70x1,50 | APM70x1,50 | 432,55 | ANPM70x1,50 | 432,55 | | |
| M 52x1,00 | APM52x1,00 | 494,96 | ANPM52x1,00 | 494,96 | M 70x2,00 | APM70x2,00 | 445,32 | ANPM70x2,00 | 445,32 | | |
| M 52x1,50 | APM52x1,50 | 393,25 | ANPM52x1,50 | 393,25 | M 70x3,00 | APM70x3,00 | 456,36 | ANPM70x3,00 | 456,36 | | |
| M 52x2,00 | APM52x2,00 | 372,55 | ANPM52x2,00 | 372,55 | M 70x4,00 | APM70x4,00 | 501,33 | ANPM70x4,00 | 501,33 | | |
| M 52x3,00 | APM52x3,00 | 416,91 | ANPM52x3,00 | 416,91 | M 70x6,00 | APM70x6,00 | 605,30 | ANPM70x6,00 | 605,30 | | |
| M 52x4,00 | APM52x4,00 | 542,87 | ANPM52x4,00 | 542,87 | M 72x1,00 | APM72x1,00 | 633,21 | ANPM72x1,00 | 633,21 | | |
| M 52x5,00 | APM52x5,00 | 447,98 | ANPM52x5,00 | 447,98 | M 72x1,50 | APM72x1,50 | 432,55 | ANPM72x1,50 | 432,55 | | |
| M 55x1,00 | APM55x1,00 | 521,59 | ANPM55x1,00 | 521,59 | M 72x2,00 | APM72x2,00 | 445,32 | ANPM72x2,00 | 445,32 | | |

CALIBRES DE ROSCA M/MF - ANILLOS
M
MF

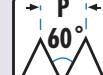
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DIN
13
DIN/ISO
1502
TOL
6g
Cert.

X210
Cr12

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|--|---|--------|---|--------|---|--|--------|---|--------|-----|--|
|  |  | € |  | € |  |  | € |  | € | | |
| | PASA | | NO PASA | | | PASA | | NO PASA | | | |
| M 72x3,00 | APM72x3,00 | 456,36 | ANPM72x3,00 | 456,36 | M 85x2,00 | APM85x2,00 | 623,89 | ANPM85x2,00 | 623,89 | | |
| M 72x4,00 | APM72x4,00 | 501,33 | ANPM72x4,00 | 501,33 | M 85x3,00 | APM85x3,00 | 650,25 | ANPM85x3,00 | 650,25 | | |
| M 72x6,00 | APM72x6,00 | 621,30 | ANPM72x6,00 | 621,30 | M 85x4,00 | APM85x4,00 | 689,23 | ANPM85x4,00 | 689,23 | | |
| M 75x1,00 | APM75x1,00 | 655,36 | ANPM75x1,00 | 655,36 | M 85x6,00 | APM85x6,00 | 765,21 | ANPM85x6,00 | 765,21 | | |
| M 75x1,50 | APM75x1,50 | 517,44 | ANPM75x1,50 | 517,44 | M 90x1,50 | APM90x1,50 | 677,11 | ANPM90x1,50 | 677,11 | | |
| M 75x2,00 | APM75x2,00 | 541,10 | ANPM75x2,00 | 541,10 | M 90x2,00 | APM90x2,00 | 674,15 | ANPM90x2,00 | 674,15 | | |
| M 75x3,00 | APM75x3,00 | 591,36 | ANPM75x3,00 | 591,36 | M 90x3,00 | APM90x3,00 | 813,12 | ANPM90x3,00 | 813,12 | | |
| M 75x4,00 | APM75x4,00 | 642,36 | ANPM75x4,00 | 642,36 | M 90x4,00 | APM90x4,00 | 747,19 | ANPM90x4,00 | 747,19 | | |
| M 76x1,50 | APM76x1,50 | 535,18 | ANPM76x1,50 | 535,18 | M 90x6,00 | APM90x6,00 | 795,36 | ANPM90x6,00 | 795,36 | | |
| M 76x2,00 | APM76x2,00 | 547,01 | ANPM76x2,00 | 547,01 | M 95x1,50 | APM95x1,50 | 712,59 | ANPM95x1,50 | 712,59 | | |
| M 76x3,00 | APM76x3,00 | 591,36 | ANPM76x3,00 | 591,36 | M 95x2,00 | APM95x2,00 | 718,51 | ANPM95x2,00 | 718,51 | | |
| M 76x4,00 | APM76x4,00 | 848,60 | ANPM76x4,00 | 848,60 | M 95x4,00 | APM95x4,00 | 788,58 | ANPM95x4,00 | 788,58 | | |
| M 76x6,00 | APM76x6,00 | 678,32 | ANPM76x6,00 | 678,32 | M 95x6,00 | APM95x6,00 | 885,21 | ANPM95x6,00 | 885,21 | | |
| M 80x1,50 | APM80x1,50 | 603,19 | ANPM80x1,50 | 603,19 | M 100x1,50 | APM100x1,50 | 751,02 | ANPM100x1,50 | 751,02 | | |
| M 80x2,00 | APM80x2,00 | 579,54 | ANPM80x2,00 | 579,54 | M 100x2,00 | APM100x2,00 | 762,86 | ANPM100x2,00 | 762,86 | | |
| M 80x3,00 | APM80x3,00 | 662,32 | ANPM80x3,00 | 662,32 | M 100x3,00 | APM100x3,00 | 901,83 | ANPM100x3,00 | 901,83 | | |
| M 80x4,00 | APM80x4,00 | 664,39 | ANPM80x4,00 | 664,39 | M 100x4,00 | APM100x4,00 | 827,90 | ANPM100x4,00 | 827,90 | | |
| M 80x6,00 | APM80x6,00 | 685,21 | ANPM80x6,00 | 685,21 | M 100x6,00 | APM100x6,00 | 912,32 | ANPM100x6,00 | 912,32 | | |
| M 85x1,50 | APM85x1,50 | 638,67 | ANPM85x1,50 | 638,67 | | | | | | | |

CALIBRES DE ROSCA M/MF - ANILLOS DE TOLERANCIAS ESPECIALES
M
MF

 Ref. API
 Ref. ANPI
 Ref. AP.-6e
 Ref. ANP.-6e

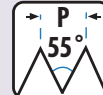
DIN
13
DIN/ISO
1502
TOL
6g (izquierda)
TOL
6e
Cert.

X210
Cr12

| | | API | | ANPI | | AP.6e | | ANP.6e | |
|--|---|--|---|--|---|------------------------------|---|------------------------------|--|
|  |  | TOL 6g (izquierda) € |  | TOL 6g (izquierda) € |  | TOL 6e € |  | TOL 6e € | |
| | PASA | | NO PASA | | PASA | | NO PASA | | |
| M 2x0,40 | APIM02x0,40 | 212,16 | ANPIM02x0,40 | 212,16 | APM02x0,40-6e | - | ANPM02x0,40-6e | - | |
| M 2,5x0,45 | APIM02,5x0,45 | 160,42 | ANPIM02,5x0,45 | 160,42 | APM02,5x0,45-6e | - | ANPM02,5x0,45-6e | - | |
| M 3x0,50 | APIM03x0,50 | 155,23 | ANPIM03x0,50 | 155,23 | APM03x0,50-6e | 155,23 | ANPM03x0,50-6e | 155,23 | |
| M 3,5x0,60 | APIM03,5x0,60 | 144,88 | ANPIM03,5x0,60 | 144,88 | APM03,5x0,60-6e | 144,88 | ANPM03,5x0,60-6e | 144,88 | |
| M 4x0,70 | APIM04x0,70 | 144,88 | ANPIM04x0,70 | 144,88 | APM04x0,70-6e | 144,88 | ANPM04x0,70-6e | 144,88 | |
| M 4,5x0,75 | APIM04,5x0,75 | 217,33 | ANPIM04,5x0,75 | 217,33 | APM04,5x0,75-6e | - | ANPM04,5x0,75-6e | - | |
| M 5x0,80 | APIM05x0,80 | 144,88 | ANPIM05x0,80 | 144,88 | APM05x0,80-6e | 144,88 | ANPM05x0,80-6e | 144,88 | |
| M 6x1,00 | APIM06x1,00 | 144,88 | ANPIM06x1,00 | 144,88 | APM06x1,00-6e | 144,88 | ANPM06x1,00-6e | 144,88 | |
| M 7x1,00 | APIM07x1,00 | 186,28 | ANPIM07x1,00 | 186,28 | APM07x1,00-6e | 186,28 | ANPM07x1,00-6e | 186,28 | |
| M 8x1,25 | APIM08x1,25 | 144,88 | ANPIM08x1,25 | 144,88 | APM08x1,25-6e | 144,88 | ANPM08x1,25-6e | 144,88 | |
| M 10x1,50 | APIM10x1,50 | 165,59 | ANPIM10x1,50 | 165,59 | APM10x1,50-6e | 165,59 | ANPM10x1,50-6e | 165,59 | |
| M 12x1,75 | APIM12x1,75 | 191,46 | ANPIM12x1,75 | 191,46 | APM12x1,75-6e | 191,46 | ANPM12x1,75-6e | 191,46 | |
| M 14x2,00 | APIM14x2,00 | 212,16 | ANPIM14x2,00 | 212,16 | APM14x2,00-6e | 212,16 | ANPM14x2,00-6e | 212,16 | |
| M 16x2,00 | APIM16x2,00 | 232,86 | ANPIM16x2,00 | 232,86 | APM16x2,00-6e | 232,86 | ANPM16x2,00-6e | 232,86 | |
| M 18x2,50 | APIM18x2,50 | 269,07 | ANPIM18x2,50 | 269,07 | APM18x2,50-6e | 269,07 | ANPM18x2,50-6e | 269,07 | |
| M 20x2,50 | APIM20x2,50 | 300,11 | ANPIM20x2,50 | 300,11 | APM20x2,50-6e | 300,11 | ANPM20x2,50-6e | 300,11 | |
| M 22x2,50 | APIM22x2,50 | 325,99 | ANPIM22x2,50 | 325,99 | APM22x2,50-6e | - | ANPM22x2,50-6e | - | |
| M 24x3,00 | APIM24x3,00 | 346,69 | ANPIM24x3,00 | 346,69 | APM24x3,00-6e | - | ANPM24x3,00-6e | - | |
| M 27x3,00 | APIM27x3,00 | 388,09 | ANPIM27x3,00 | 388,09 | APM27x3,00-6e | - | ANPM27x3,00-6e | - | |
| M 30x3,50 | APIM30x3,50 | 429,48 | ANPIM30x3,50 | 429,48 | APM30x3,50-6e | - | ANPM30x3,50-6e | - | |

CALIBRES DE ROSCA BSP - TAMPONES Y ANILLOS

BSP

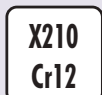
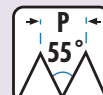
Ref. CT PASA / NO PASA
Ref. CTP PASA
Ref. CTNP NO PASA



| | | CT | | CTP | | CTNP | |
|--------------|----------------|--------|--------------|--------|---------------|--------|--|
| | | € | € | € | € | | |
| | PASA / NO PASA | | | | | | |
| G 1/8-28h. | CTG1/8X28 | 122,09 | | | | | |
| G 1/4-19h. | CTG1/4X19 | 133,19 | | | | | |
| G 3/8-19h. | CTG3/8X19 | 155,39 | | | | | |
| G 1/2-14h. | CTG1/2X14 | 149,12 | | | | | |
| G 5/8-14h. | CTG5/8X14 | 188,69 | | | | | |
| G 3/4-14h. | CTG3/4X14 | 207,19 | | | | | |
| G 7/8-14h. | CTG7/8X14 | 233,08 | | | | | |
| G 1"-11h. | CTG1X11 | 244,18 | | | | | |
| G 1 1/8-11h. | CTG1.1/8X11 | 281,18 | | | | | |
| G 1 1/4-11h. | CTG1.1/4X11 | 307,08 | | | | | |
| G 1 1/2-11h. | CTG1.1/2X11 | 358,87 | | | | | |
| G 1 3/4-11h. | CTG1.3/4X11 | - | CTPG1.3/4X11 | 214,93 | CTNPG1.3/4X11 | 214,93 | |
| G 2"-11h. | CTG2X11 | - | CTPG2X11 | 236,07 | CTNPG2X11 | 236,07 | |
| G 2 1/4-11h. | CTG2.1/4X11 | - | CTPG2.1/4X11 | 257,22 | CTNPG2.1/4X11 | 257,22 | |
| G 2 1/2-11h. | CTG2.1/2X11 | - | CTPG2.1/2X11 | 299,50 | CTNPG2.1/2X11 | 299,50 | |
| G 2 3/4-11h. | CTG2.3/4X11 | - | CTPG2.3/4X11 | 340,38 | CTNPG2.3/4X11 | 340,38 | |
| G 3"-11h. | CTG3X11 | - | CTPG3X11 | 366,27 | CTNPG3X11 | 366,27 | |
| G 3 1/2-11h. | CTG3.1/2X11 | - | CTPG3.1/2X11 | 651,15 | CTNPG3.1/2X11 | 651,15 | |
| G 4"-11h. | CTG4X11 | - | CTPG4X11 | 710,35 | CTNPG4X11 | 710,35 | |

BSP

Ref. AP
Ref. ANP



Ref. AP



PASA

Ref. ANP

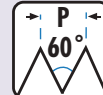


NO PASA

| | | AP | | ANP | |
|--------------|-------------|--------|--------------|--------|---|
| | | € | € | € | € |
| | PASA | | | | |
| G 1/8-28h. | APG1/8X28 | 137,99 | ANPG1/8X28 | 137,99 | |
| G 1/4-19h. | APG1/4X19 | 162,13 | ANPG1/4X19 | 162,13 | |
| G 3/8-19h. | APG3/8X19 | 196,62 | ANPG3/8X19 | 196,62 | |
| G 1/2-14h. | APG1/2X14 | 189,72 | ANPG1/2X14 | 189,72 | |
| G 5/8-14h. | APG5/8X14 | 199,77 | ANPG5/8X14 | 199,77 | |
| G 3/4-14h. | APG3/4X14 | 216,83 | ANPG3/4X14 | 216,83 | |
| G 7/8-14h. | APG7/8X14 | 243,94 | ANPG7/8X14 | 243,94 | |
| G 1"-11h. | APG1X11 | 267,65 | ANPG1X11 | 267,65 | |
| G 1 1/8-11h. | APG1.1/8X11 | 310,47 | ANPG1.1/8X11 | 310,47 | |
| G 1 1/4-11h. | APG1.1/4X11 | 341,51 | ANPG1.1/4X11 | 341,51 | |
| G 1 1/2-11h. | APG1.1/2X11 | 386,36 | ANPG1.1/2X11 | 386,36 | |
| G 1 3/4-11h. | APG1.3/4X11 | 427,75 | ANPG1.3/4X11 | 427,75 | |
| G 2"-11h. | APG2X11 | 472,61 | ANPG2X11 | 472,61 | |
| G 2 1/4-11h. | APG2.1/4X11 | 510,54 | ANPG2.1/4X11 | 510,54 | |
| G 2 1/2-11h. | APG2.1/2X11 | 582,98 | ANPG2.1/2X11 | 582,98 | |
| G 2 3/4-11h. | APG2.3/4X11 | 627,46 | ANPG2.3/4X11 | 627,46 | |
| G 3"-11h. | APG3X11 | 683,03 | ANPG3X11 | 683,03 | |
| G 3 1/2-11h. | APG3.1/2X11 | 907,24 | ANPG3.1/2X11 | 907,24 | |
| G 4"-11h. | APG4X11 | 993,49 | ANPG4X11 | 993,49 | |






CALIBRES DE ROSCA UNC - TAMPONES
UNC

 Ref. CTNC PASA / NO PASA
 Ref. CTPNC PASA
 Ref. CTNPNC NO PASA
 Ref. CTNC..3B

**ANSI
ASME
B1.2**
**TOL
2B**
**TOL
3B**
Cert.

**P
60°**
**X210
Cr12**

Ref. CTNC

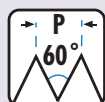


| | | CTNC | | | CTPNC | | | CTNPNC | | | CTNC..3B |
|---|---|--------|---|--------|---|--------|---|--------|--|--|----------|
|  |  | € |  | € |  | € |  | € | | | |
| PASA / NO PASA | | | PASA | | NO PASA | | PASA / NO PASA | | | | |
| UNC N°4-40h. | CTNCN°4-40 | 187,83 | | | | | CTNCN°4-40-3B | 244,18 | | | |
| UNC N°5-40h. | CTNCN°5-40 | 187,02 | | | | | CTNCN°5-40-3B | 255,29 | | | |
| UNC N°6-32h. | CTNCN°6-32 | 113,84 | | | | | CTNCN°6-32-3B | 147,99 | | | |
| UNC N°8-32h. | CTNCN°8-32 | 110,99 | | | | | CTNCN°8-32-3B | 144,29 | | | |
| UNC N°10-24h. | CTNCN°10-24 | 108,14 | | | | | CTNCN°10-24-3B | 140,58 | | | |
| UNC N°12-24h. | CTNCN°12-24 | 108,14 | | | | | CTNCN°12-24-3B | 133,19 | | | |
| UNC1/4-20h. | CTNC1/4X20 | 102,46 | | | | | CTNC1/4X20-3B | 133,19 | | | |
| UNC 5/16-18h. | CTNC5/16X18 | 108,14 | | | | | CTNC5/16X18-3B | 140,58 | | | |
| UNC 3/8-16h. | CTNC3/8X16 | 108,14 | | | | | CTNC3/8X16-3B | 140,58 | | | |
| UNC 7/16-14h. | CTNC7/16X14 | 113,84 | | | | | CTNC7/16X14-3B | 147,99 | | | |
| UNC 1/2-13h. | CTNC1/2X13 | 122,37 | | | | | CTNC1/2X13-3B | 159,09 | | | |
| UNC 9/16-12h. | CTNC9/16X12 | 130,91 | | | | | CTNC9/16X12-3B | 170,19 | | | |
| UNC 5/8-11h. | CTNC5/8X11 | 136,61 | | | | | CTNC5/8X11-3B | 177,59 | | | |
| UNC 3/4-10h. | CTNC3/4X10 | 156,52 | | | | | CTNC3/4X10-3B | 203,49 | | | |
| UNC 7/8-9h. | CTNC7/8X9 | 176,45 | | | | | CTNC7/8X9-3B | 229,38 | | | |
| UNC 1"-8h. | CTNC1X8 | 199,22 | | | | | CTNC1X8-3B | 258,98 | | | |
| UNC 1"1/8-7h. | CTNC1.1/8X7 | 221,98 | | | | | | | | | |
| UNC 1"1/4-7h. | CTNC1.1/4X7 | 241,90 | | | | | | | | | |
| UNC 1"3/8-6h. | CTNC1.3/8X6 | 261,83 | | | | | | | | | |
| UNC 1"1/2-6h. | CTNC1.1/2X6 | 293,13 | | | | | | | | | |
| UNC 1"3/4-5h. | CTNC1.3/4X5 | - | CTPNC1.3/4X5 | 193,52 | CTNPNC1.3/4X5 | 193,52 | | | | | |
| UNC 2"-4.1/2h. | CTNC2X4,5 | - | CTPNC2X4,5 | 221,98 | CTNPNC2X4,5 | 221,98 | | | | | |
| UNC 2"1/4-4.1/2h. | CTNC2.1/4X4,5 | - | CTPNC2.1/4X4,5 | 247,60 | CTNPNC2.1/4X4,5 | 247,60 | | | | | |
| UNC 2"1/2-4h. | CTNC2.1/2X4 | - | CTPNC2.1/2X4 | 278,90 | CTNPNC2.1/2X4 | 278,90 | | | | | |
| UNC 2"3/4-4h. | CTNC2.3/4X4 | - | CTPNC2.3/4X4 | 307,36 | CTNPNC2.3/4X4 | 307,36 | | | | | |
| UNC 3"-4h. | CTNC3X4 | - | CTPNC3X4 | 335,81 | CTNPNC3X4 | 335,81 | | | | | |
| UNC 3"1/4-4h. | CTNC3.1/4X4 | - | CTPNC3.1/4X4 | 367,12 | CTNPNC3.1/4X4 | 367,12 | | | | | |
| UNC 3"1/2-4h. | CTNC3.1/2X4 | - | CTPNC3.1/2X4 | 395,58 | CTNPNC3.1/2X4 | 395,58 | | | | | |
| UNC 4"-4h. | CTNC4X4 | - | CTPNC4X4 | 452,50 | CTNPNC4X4 | 452,50 | | | | | |

CALIBRES DE ROSCA UNC - ANILLOS



Ref. APNC
Ref. ANPNC
Ref. APNC..3A
Ref. ANPNC..3A



PASA
Ref. APNC



NO PASA
Ref. ANPNC

| | APNC | | ANPNC | | APNC..3A | | ANPNC..3A | |
|-------------------|---------------|-------------|----------------|-------------|----------------|-------------|-----------------|-------------|
| | PASA | TOL 2A € | NO PASA | TOL 2A € | PASA | TOL 3A € | NO PASA | TOL 3A € |
| UNC N°4-40h. | APNCN°4-40 | 179,38 | ANPNCN°4-40 | 179,38 | APNCN°4-40-3A | 233,21 | ANPNCN°4-40-3A | 233,21 |
| UNC N°5-40h. | APNCN°5-40 | 132,47 | ANPNCN°5-40 | 132,47 | APNCN°5-40-3A | 172,20 | ANPNCN°5-40-3A | 172,20 |
| UNC N°6-32h. | APNCN°6-32 | 126,95 | ANPNCN°6-32 | 126,95 | APNCN°6-32-3A | 165,04 | ANPNCN°6-32-3A | 165,04 |
| UNC N°8-32h. | APNCN°8-32 | 118,67 | ANPNCN°8-32 | 118,67 | APNCN°8-32-3A | 154,27 | ANPNCN°8-32-3A | 154,27 |
| UNC N°10-24h. | APNCN°10-24 | 113,15 | ANPNCN°10-24 | 113,15 | APNCN°10-24-3A | 147,08 | ANPNCN°10-24-3A | 147,08 |
| UNC N°12-24h. | APNCN°12-24 | 110,39 | ANPNCN°12-24 | 110,39 | APNCN°12-24-3A | 143,50 | ANPNCN°12-24-3A | 143,50 |
| UNC 1/4-20h. | APNC1/4X20 | 110,39 | ANPNC1/4X20 | 110,39 | APNC1/4X20-3A | 143,50 | ANPNC1/4X20-3A | 143,50 |
| UNC 5/16-18h. | APNC5/16X18 | 118,67 | ANPNC5/16X18 | 118,67 | APNC5/16X18-3A | 154,27 | ANPNC5/16X18-3A | 154,27 |
| UNC 3/8-16h. | APNC3/8X16 | 126,95 | ANPNC3/8X16 | 126,95 | APNC3/8X16-3A | 165,04 | ANPNC3/8X16-3A | 165,04 |
| UNC 7/16-14h. | APNC7/16X14 | 137,99 | ANPNC7/16X14 | 137,99 | APNC7/16X14-3A | 179,38 | ANPNC7/16X14-3A | 179,38 |
| UNC 1/2-13h. | APNC1/2X13 | 154,54 | ANPNC1/2X13 | 154,54 | APNC1/2X13-3A | 200,91 | ANPNC1/2X13-3A | 200,91 |
| UNC 9/16-12h. | APNC9/16X12 | 173,86 | ANPNC9/16X12 | 173,86 | APNC9/16X12-3A | 226,02 | ANPNC9/16X12-3A | 226,02 |
| UNC 5/8-11h. | APNC5/8X11 | 190,42 | ANPNC5/8X11 | 190,42 | APNC5/8X11-3A | 247,61 | ANPNC5/8X11-3A | 247,61 |
| UNC 3/4-10h. | APNC3/4X10 | 218,01 | ANPNC3/4X10 | 218,01 | APNC3/4X10-3A | 283,43 | ANPNC3/4X10-3A | 283,43 |
| UNC 7/8-9h. | APNC7/8X9 | 239,18 | ANPNC7/8X9 | 239,18 | | | | |
| UNC 1"-8h. | APNC1X8 | 273,34 | ANPNC1X8 | 273,34 | | | | |
| UNC 1"1/8-7h. | APNC1.1/8X7 | 302,25 | ANPNC1.1/8X7 | 302,25 | | | | |
| UNC 1"1/4-7h. | APNC1.1/4X7 | 349,56 | ANPNC1.1/4X7 | 349,56 | | | | |
| UNC 1"3/8-6h. | APNC1.3/8X6 | 383,73 | ANPNC1.3/8X6 | 383,73 | | | | |
| UNC 1"1/2-6h. | APNC1.1/2X6 | 410,01 | ANPNC1.1/2X6 | 410,01 | | | | |
| UNC 1"3/4-5h. | APNC1.3/4X5 | 505,03 | ANPNC1.3/4X5 | 505,03 | | | | |
| UNC 2"-4.1/2h. | APNC2x4,5 | 579,54 | ANPNC2x4,5 | 579,54 | | | | |
| UNC 2"1/4-4.1/2h. | APNC2.1/4x4,5 | 659,56 | ANPNC2.1/4x4,5 | 659,56 | | | | |
| UNC 2"1/2-4h. | APNC2.1/2x4 | 739,60 | ANPNC2.1/2x4 | 739,60 | | | | |
| UNC 2"3/4-4h. | APNC2.3/4X4 | 822,38 | ANPNC2.3/4X4 | 822,38 | | | | |
| UNC 3"-4h. | APNC3x4 | 812,21 | ANPNC3X4 | 812,21 | | | | |
| UNC 3"1/4-4h. | APNC3.1/4x4 | 888,88 | ANPNC3.1/4x4 | 888,88 | | | | |
| UNC 3"1/2-4h. | APNC3.1/2x4 | 911,21 | ANPNC3.1/2x4 | 911,21 | | | | |
| UNC 4"-4h. | APNC4x4 | 950,21 | ANPNC4X4 | 950,21 | | | | |

CALIBRES DE ROSCA UNF - TAMPONES
UNF

Ref. CTNF

Ref. CTNF.3B PASA / NO PASA






ANSI
ASME
B1.2TOL
2BTOL
3B

Cert.

X210
Cr12

Ref. CTNF



|  |  PASA / NO PASA | CTNF |  PASA / NO PASA | CTNF..3B |
|---|---|--|--|--|
| | |  € | |  € |
| UNF N°0-80h. | CTNFN°0-80 | 256,14 | CTNFN°0-80-3B | - |
| UNF N°1-72h. | CTNFN°1-72 | 219,14 | CTNFN°1-72-3B | - |
| UNF N°2-64h. | CTNFN°2-64 | 204,91 | CTNFN°2-64-3B | - |
| UNF N°3-56h. | CTNFN°3-56 | 187,83 | CTNFN°3-56-3B | - |
| UNF N°4-48h. | CTNFN°4-48 | 187,83 | CTNFN°4-48-3B | 244,18 |
| UNF N°5-44h. | CTNFN°5-44 | 119,53 | CTNFN°5-44-3B | 155,39 |
| UNF N°6-40h. | CTNFN°6-40 | 113,84 | CTNFN°6-40-3B | 147,99 |
| UNF N°8-36h. | CTNFN°8-36 | 110,99 | CTNFN°8-36-3B | 149,47 |
| UNF N°10-32h. | CTNFN°10-32 | 108,14 | CTNFN°10-32-3B | 140,58 |
| UNF N°12-28h. | CTNFN°12-28 | 102,46 | CTNFN°12-28-3B | 133,19 |
| UNF 1/4-28h. | CTNF1/4X28 | 102,46 | CTNF1/4X28-3B | 133,19 |
| UNF 5/16-24h. | CTNF5/16X24 | 108,14 | CTNF5/16X24-3B | 140,58 |
| UNF 3/8-24h. | CTNF3/8X24 | 108,14 | CTNF3/8X24-3B | 140,58 |
| UNF 7/16-20h. | CTNF7/16X20 | 113,84 | CTNF7/16X20-3B | 147,99 |
| UNF 1/2-20h. | CTNF1/2X20 | 122,37 | CTNF1/2X20-3B | 159,09 |
| UNF 9/16-18h. | CTNF9/16X18 | 130,91 | CTNF9/16X18-3B | 170,19 |
| UNF 5/8-18h. | CTNF5/8X18 | 133,76 | CTNF5/8X18-3B | 173,89 |
| UNF 3/4-16h. | CTNF3/4X16 | 147,99 | CTNF3/4X16-3B | 192,38 |
| UNF 7/8-14h. | CTNF7/8X14 | 162,23 | CTNF7/8X14-3B | 210,88 |
| UNF 1"-12h. | CTNF1X12 | 182,13 | CTNF1X12-3B | 236,78 |
| UNF 1"1/8-12h. | CTNF1.1/8X12 | 199,22 | CTNF1.1/8X12-3B | - |
| UNF 1"1/4-12h. | CTNF1.1/4X12 | 210,60 | CTNF1.1/4X12-3B | - |
| UNF 1"3/8-12h. | CTNF1.3/8X12 | 233,37 | CTNF1.3/8X12-3B | - |
| UNF 1"1/2-12h. | CTNF1.1/2X12 | 256,14 | CTNF1.1/2X12-3B | - |

CALIBRES DE ROSCA UNF - ANILLOS

UNF

Ref. APNF
Ref. ANPNF
Ref. APNF.3A
Ref. ANPNF.3A

ANSI
ASME
B1.2

TOL
2A

TOL
3A

Cert.

P
60°





X210
Cr12



PASA
Ref. APNF



NO PASA
Ref. ANPNF

| | APNF | | ANPNF | | APNF.3A | | ANPNF.3A | |
|----------------|--|-------------|---|-------------|---|-------------|---|-------------|
| |  PASA | TOL 2A € |  NO PASA | TOL 2A € |  PASA | TOL 3A € |  NO PASA | TOL 3A € |
| UNF N°0-80h. | APNFN°0-80 | 251,14 | ANPNFN°0-80 | 251,14 | | | | |
| UNF N°1-72h. | APNFN°1-72 | 209,74 | ANPNFN°1-72 | 209,74 | | | | |
| UNF N°2-64h. | APNFN°2-64 | 195,94 | ANPNFN°2-64 | 195,94 | | | | |
| UNF N°3-56h. | APNFN°3-56 | 187,66 | ANPNFN°3-56 | 187,66 | | | | |
| UNF N°4-48h. | APNFN°4-48 | 176,62 | ANPNFN°4-48 | 176,62 | APNFN°4-48-3A | 229,60 | ANPNFN°4-48-3A | 229,60 |
| UNF N°5-44h. | APNFN°5-44 | 132,47 | ANPNFN°5-44 | 132,47 | APNFN°5-44-3A | 172,20 | ANPNFN°5-44-3A | 172,20 |
| UNF N°6-40h. | APNFN°6-40 | 126,95 | ANPNFN°6-40 | 126,95 | APNFN°6-40-3A | 165,04 | ANPNFN°6-40-3A | 165,04 |
| UNF N°8-36h. | APNFN°8-36 | 118,67 | ANPNFN°8-36 | 118,67 | APNFN°8-36-3A | 154,27 | ANPNFN°8-36-3A | 154,27 |
| UNF N°10-32h. | APNFN°10-32 | 113,15 | ANPNFN°10-32 | 113,15 | APNFN°10-32-3A | 150,27 | ANPNFN°10-32-3A | 150,27 |
| UNF N°12-28h. | APNFN°12-28 | 110,39 | ANPNFN°12-28 | 110,39 | APNFN°12-28-3A | 143,50 | ANPNFN°12-28-3A | 143,50 |
| UNF 1/4-28h. | APNF1/4X28 | 110,39 | ANPNF1/4X28 | 110,39 | APNF1/4X28-3A | 143,50 | ANPNF1/4X28-3A | 143,50 |
| UNF 5/16-24h. | APNF5/16X24 | 118,67 | ANPNF5/16X24 | 118,67 | APNF5/16X24-3A | 154,27 | ANPNF5/16X24-3A | 154,27 |
| UNF 3/8-24h. | APNF3/8X24 | 126,95 | ANPNF3/8X24 | 126,95 | APNF3/8X24-3A | 165,04 | ANPNF3/8X24-3A | 165,04 |
| UNF 7/16-20h. | APNF7/16X20 | 137,99 | ANPNF7/16X20 | 137,99 | APNF7/16X20-3A | 179,38 | ANPNF7/16X20-3A | 179,38 |
| UNF 1/2-20h. | APNF1/2X20 | 154,54 | ANPNF1/2X20 | 154,54 | APNF1/2X20-3A | 200,91 | ANPNF1/2X20-3A | 200,91 |
| UNF 9/16-18h. | APNF9/16X18 | 173,86 | ANPNF9/16X18 | 173,86 | APNF9/16X18-3A | 226,02 | ANPNF9/16X18-3A | 226,02 |
| UNF 5/8-18h. | APNF5/8X18 | 190,42 | ANPNF5/8X18 | 190,42 | APNF5/8X18-3A | 247,55 | ANPNF5/8X18-3A | 247,55 |
| UNF 3/4-16h. | APNF3/4X16 | 218,01 | ANPNF3/4X16 | 218,01 | APNF3/4X16-3A | 283,43 | ANPNF3/4X16-3A | 283,43 |
| UNF 7/8-14h. | APNF7/8X14 | 239,18 | ANPNF7/8X14 | 239,18 | | | | |
| UNF 1"-12h. | APNF1X12 | 273,34 | ANPNF1X12 | 273,34 | | | | |
| UNF 1"1/8-12h. | APNF1.1/8X12 | 318,02 | ANPNF1.1/8X12 | 318,02 | | | | |
| UNF 1"1/4-12h. | APNF1.1/4X12 | 349,56 | ANPNF1.1/4X12 | 349,56 | | | | |
| UNF 1"3/8-12h. | APNF1.3/8X12 | 383,73 | ANPNF1.3/8X12 | 383,73 | | | | |
| UNF 1"1/2-12h. | APNF1.1/2X12 | 410,01 | ANPNF1.1/2X12 | 410,01 | | | | |

CALIBRES LISOS - TAMPONES
LISO

 Ref. CTL PASA / NO PASA
 Ref. CTLP PASA
 Ref. CTLNP NO PASA

**DIN
7162**
**TOL
H7**

**X210
Cr12**

Ref. CTL



| CTL | | | CTL | | | CTLP | | CTLNP | |
|---------|-----------------|--------|---------|-----------------|--------|-----------|--------|------------|--------|
| Ø mm | PASA NO PASA | € | Ø mm | PASA NO PASA | € | PASA | € | NO PASA | € |
| 2 | CTL0200 | 56,65 | 51 | CTL5100 | 144,19 | CTLP5100 | - | CTLNP5100 | - |
| 3 | CTL0300 | 51,50 | 52 | CTL5200 | 144,19 | CTLP5200 | - | CTLNP5200 | - |
| 4 | CTL0400 | 51,50 | 53 | CTL5300 | 144,19 | CTLP5300 | - | CTLNP5300 | - |
| 5 | CTL0500 | 51,50 | 54 | CTL5400 | 144,19 | CTLP5400 | - | CTLNP5400 | - |
| 6 | CTL0600 | 51,50 | 55 | CTL5500 | 144,19 | CTLP5500 | - | CTLNP5500 | - |
| 7 | CTL0700 | 46,34 | 56 | CTL5600 | 144,19 | CTLP5600 | - | CTLNP5600 | - |
| 8 | CTL0800 | 46,34 | 57 | CTL5700 | - | CTLP5700 | 95,13 | CTLNP5700 | 95,13 |
| 9 | CTL0900 | 46,34 | 58 | CTL5800 | - | CTLP5800 | 95,13 | CTLNP5800 | 95,13 |
| 10 | CTL1000 | 54,07 | 59 | CTL5900 | - | CTLP5900 | 95,13 | CTLNP5900 | 95,13 |
| 11 | CTL1100 | 54,07 | 60 | CTL6000 | - | CTLP6000 | 95,13 | CTLNP6000 | 95,13 |
| 12 | CTL1200 | 54,07 | 61 | CTL6100 | - | CTLP6100 | 95,13 | CTLNP6100 | 95,13 |
| 13 | CTL1300 | 54,07 | 62 | CTL6200 | - | CTLP6200 | 95,13 | CTLNP6200 | 95,13 |
| 14 | CTL1400 | 59,22 | 63 | CTL6300 | - | CTLP6300 | 119,53 | CTLNP6300 | 119,53 |
| 15 | CTL1500 | 59,22 | 64 | CTL6400 | - | CTLP6400 | 119,53 | CTLNP6400 | 119,53 |
| 16 | CTL1600 | 59,22 | 65 | CTL6500 | - | CTLP6500 | 119,53 | CTLNP6500 | 119,53 |
| 17 | CTL1700 | 59,22 | 66 | CTL6600 | - | CTLP6600 | 119,53 | CTLNP6600 | 119,53 |
| 18 | CTL1800 | 69,52 | 67 | CTL6700 | - | CTLP6700 | 119,53 | CTLNP6700 | 119,53 |
| 19 | CTL1900 | 69,52 | 68 | CTL6800 | - | CTLP6800 | 119,53 | CTLNP6800 | 119,53 |
| 20 | CTL2000 | 69,52 | 69 | CTL6900 | - | CTLP6900 | 119,53 | CTLNP6900 | 119,53 |
| 21 | CTL2100 | 69,52 | 70 | CTL7000 | - | CTLP7000 | 151,25 | CTLNP7000 | 151,25 |
| 22 | CTL2200 | 74,67 | 71 | CTL7100 | - | CTLP7100 | 151,25 | CTLNP7100 | 151,25 |
| 23 | CTL2300 | 74,67 | 72 | CTL7200 | - | CTLP7200 | 151,25 | CTLNP7200 | 151,25 |
| 24 | CTL2400 | 74,67 | 73 | CTL7300 | - | CTLP7300 | 151,25 | CTLNP7300 | 151,25 |
| 25 | CTL2500 | 74,67 | 74 | CTL7400 | - | CTLP7400 | 151,25 | CTLNP7400 | 151,25 |
| 26 | CTL2600 | 74,67 | 75 | CTL7500 | - | CTLP7500 | 151,25 | CTLNP7500 | 151,25 |
| 27 | CTL2700 | 82,40 | 76 | CTL7600 | - | CTLP7600 | 151,25 | CTLNP7600 | 151,25 |
| 28 | CTL2800 | 82,40 | 77 | CTL7700 | - | CTLP7700 | 185,39 | CTLNP7700 | 185,39 |
| 29 | CTL2900 | 82,40 | 78 | CTL7800 | - | CTLP7800 | 185,39 | CTLNP7800 | 185,39 |
| 30 | CTL3000 | 82,40 | 79 | CTL7900 | - | CTLP7900 | 185,39 | CTLNP7900 | 185,39 |
| 31 | CTL3100 | 82,40 | 80 | CTL8000 | - | CTLP8000 | 185,39 | CTLNP8000 | 185,39 |
| 32 | CTL3200 | 95,28 | 81 | CTL8100 | - | CTLP8100 | 185,39 | CTLNP8100 | 185,39 |
| 33 | CTL3300 | 95,28 | 82 | CTL8200 | - | CTLP8200 | 185,39 | CTLNP8200 | 185,39 |
| 34 | CTL3400 | 95,28 | 83 | CTL8300 | - | CTLP8300 | 185,39 | CTLNP8300 | 185,39 |
| 35 | CTL3500 | 95,28 | 84 | CTL8400 | - | CTLP8400 | 214,66 | CTLNP8400 | 214,66 |
| 36 | CTL3600 | 95,28 | 85 | CTL8500 | - | CTLP8500 | 214,66 | CTLNP8500 | 214,66 |
| 37 | CTL3700 | 95,28 | 86 | CTL8600 | - | CTLP8600 | 214,66 | CTLNP8600 | 214,66 |
| 38 | CTL3800 | 100,42 | 87 | CTL8700 | - | CTLP8700 | 214,66 | CTLNP8700 | 214,66 |
| 39 | CTL3900 | 100,42 | 88 | CTL8800 | - | CTLP8800 | 214,66 | CTLNP8800 | 214,66 |
| 40 | CTL4000 | 100,42 | 89 | CTL8900 | - | CTLP8900 | 214,66 | CTLNP8900 | 214,66 |
| 41 | CTL4100 | 100,42 | 90 | CTL9000 | - | CTLP9000 | 214,66 | CTLNP9000 | 214,66 |
| 42 | CTL4200 | 100,42 | 91 | CTL9100 | - | CTLP9100 | 214,66 | CTLNP9100 | 214,66 |
| 43 | CTL4300 | 115,87 | 92 | CTL9200 | - | CTLP9200 | 248,81 | CTLNP9200 | 248,81 |
| 44 | CTL4400 | 115,87 | 93 | CTL9300 | - | CTLP9300 | 248,81 | CTLNP9300 | 248,81 |
| 45 | CTL4500 | 115,87 | 94 | CTL9400 | - | CTLP9400 | 248,81 | CTLNP9400 | 248,81 |
| 46 | CTL4600 | 115,87 | 95 | CTL9500 | - | CTLP9500 | 248,81 | CTLNP9500 | 248,81 |
| 47 | CTL4700 | 115,87 | 96 | CTL9600 | - | CTLP9600 | 248,81 | CTLNP9600 | 248,81 |
| 48 | CTL4800 | 115,87 | 97 | CTL9700 | - | CTLP9700 | 248,81 | CTLNP9700 | 248,81 |
| 49 | CTL4900 | 144,19 | 98 | CTL9800 | - | CTLP9800 | 248,81 | CTLNP9800 | 248,81 |
| 50 | CTL5000 | 144,19 | 99 | CTL9900 | - | CTLP9900 | 248,81 | CTLNP9900 | 248,81 |
| | | | 100 | CTL10000 | - | CTLP10000 | 261,02 | CTLNP10000 | 261,02 |