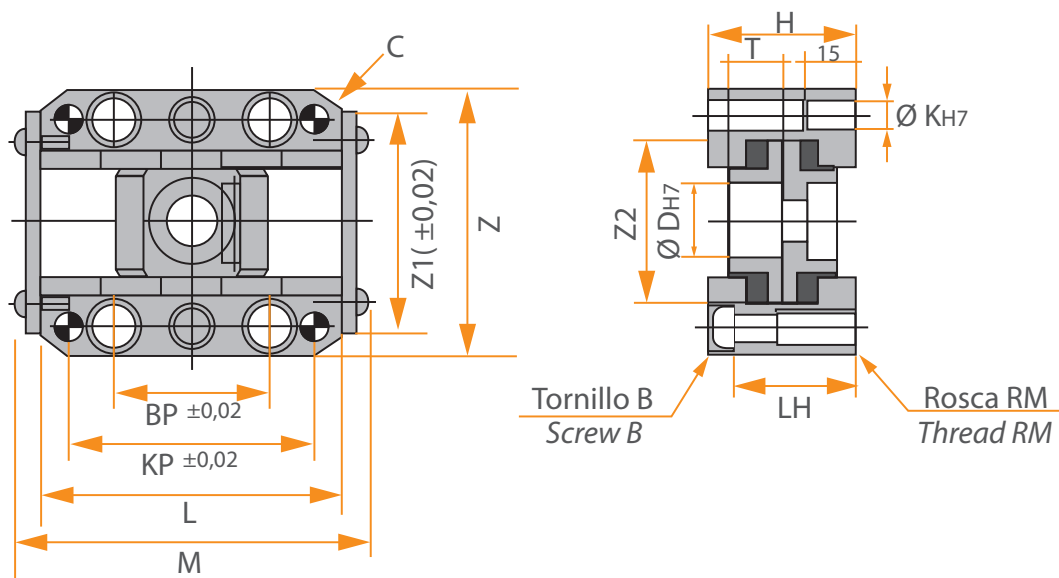


CARRO F

CARRO PARA CORREDERA INCLINADO "F" EJECTOR CORE UNIT WITH INCLINED SLIDEWAY "F"

| | |
|-------------------------------|--------------------|
| Temperatura máxima de trabajo | 300° |
| Maximum working temperature | 300° |
| Suministrable | Entre 0° y 10° |
| Available | Between 0° and 10° |
| Forma de pedido | D + Grados ángulo |
| Order Form | D + Angle Degrees |

CARRO F



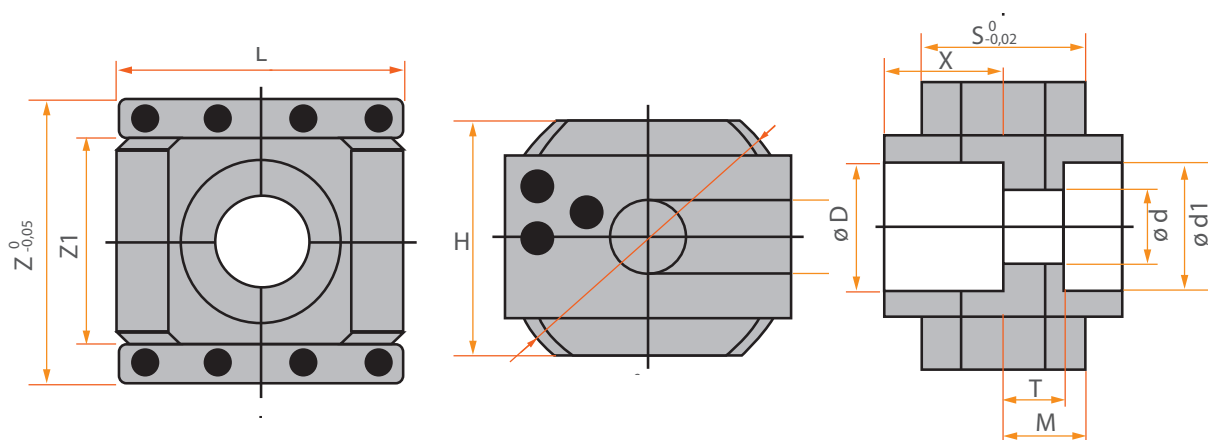
| Ø D | G | Z | Z1 | Z2 | L | M | BP | KP | K | H | LH | S | C | B | RM | TH | T | Y | Ø R |
|-----|------|-----|----|----|-----|-----|----|----|----|----|------|----|---|------|------|-----|------|------|-----|
| 8 | 12 | 41 | 33 | 24 | 44 | 54 | 12 | 25 | 4 | 24 | | 13 | 3 | M.3 | M.4 | | 8 | 11 | 6 |
| 10 | 14 | 47 | 38 | 28 | 50 | 60 | 16 | 30 | 5 | 28 | | 17 | 3 | M.4 | M.5 | | 8 | 11 | 8 |
| 12 | 18 | 53 | 42 | 31 | 60 | 70 | 20 | 40 | 6 | 36 | | 20 | 4 | M.6 | M.8 | | 10 | 13 | 10 |
| 16 | 20 | 64 | 50 | 36 | 70 | 80 | 25 | 50 | 6 | 40 | 33,5 | 24 | 6 | M.6 | M.8 | 73 | 12 | 15 | 12 |
| 20 | 23 | 76 | 60 | 43 | 75 | 85 | 30 | 55 | 8 | 46 | 37,5 | 24 | 8 | M.8 | M.10 | 81 | 15 | 18 | 12 |
| 25 | 24 | 81 | 65 | 48 | 85 | 95 | 40 | 65 | 8 | 48 | 39,5 | 26 | 8 | M.8 | M.10 | 88 | 17,5 | 20,5 | 14 |
| 30 | 27 | 88 | 72 | 55 | 100 | 110 | 50 | 80 | 8 | 54 | 45,5 | 30 | 8 | M.8 | M.10 | 97 | 19 | 22 | 18 |
| 35 | 30 | 100 | 80 | 64 | 115 | 125 | 50 | 85 | 10 | 60 | | 34 | 8 | M.10 | M.12 | 103 | 20 | 23 | 18 |
| 40 | 32,5 | 108 | 88 | 72 | 125 | 135 | 50 | 85 | 10 | 65 | | 38 | 8 | M.10 | M.12 | 112 | 21,5 | 24,5 | 20 |

PARTE DESLIZANTE DEL CARRO
 PARA CORREDERA "HF"
 SLIDE PART FOR EJECTOR CORE UNIT "HF"

CARRO HF

Forma de pedido D
 Order form D

CARRO HF

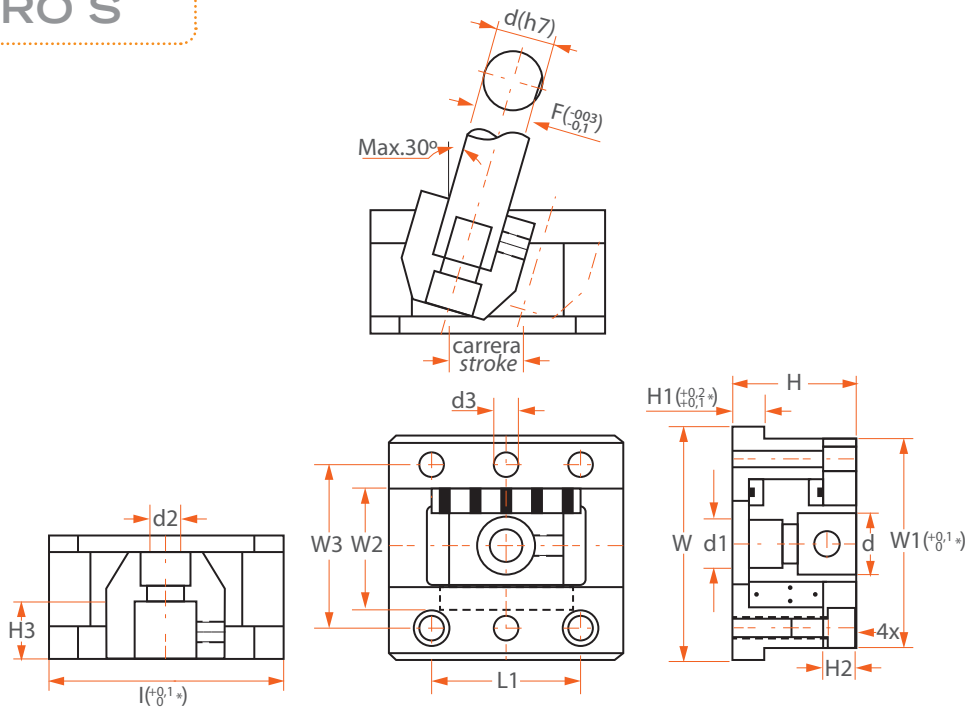


| D | Z | Z1 | L | S | H | C | ØR | M | d | d1 | T | X | Y | Tornillos recomendados Recomm. Fixing crews |
|----|----|----|----|----|----|----|----|-----|----|----|----|------|------|--|
| 8 | 24 | 12 | 25 | 13 | 16 | 20 | 6 | 6,5 | 5 | 10 | 3 | 8 | 11 | M4 x 10 |
| 10 | 28 | 14 | 32 | 17 | 16 | 20 | 8 | 8,5 | 6 | 12 | 4 | 8 | 11 | M5 x 12 |
| 12 | 31 | 17 | 40 | 20 | 20 | 25 | 10 | 10 | 7 | 13 | 5 | 10 | 13 | M6 x 14 |
| 16 | 36 | 21 | 45 | 24 | 24 | 30 | 12 | 12 | 9 | 16 | 6 | 12 | 15 | M8 x 20 |
| 20 | 43 | 28 | 45 | 24 | 30 | 40 | 12 | 12 | 11 | 20 | 7 | 15 | 18 | M10 x 25 |
| 25 | 48 | 33 | 50 | 26 | 35 | 45 | 14 | 13 | 14 | 25 | 8 | 17,5 | 20,5 | M12 x 30 |
| 30 | 55 | 38 | 60 | 30 | 38 | 50 | 18 | 15 | 14 | 25 | 10 | 19 | 22 | M12 x 30 |
| 35 | 64 | 44 | 70 | 34 | 40 | 55 | 18 | 17 | 14 | 25 | 10 | 20 | 23 | M12 x 30 |
| 40 | 72 | 50 | 80 | 38 | 43 | 60 | 20 | 19 | 18 | 32 | 10 | 21,5 | 24,5 | M16 x 35 |

90

| | |
|-------------------------------|------|
| Temperatura máxima de trabajo | 300° |
| Maximum working temperature | 300° |
| Ángulo máximo de trabajo | 30° |
| Maximum working angle | 30° |
| Forma de pedido | D |
| Order Form | D |

CARRO S



| d h7 | d1 | d2 | d3 H7 | W | W1 +0,1 / 0 | W2 | W3 | L | L1 | H | H1 | H2 | H3 +0,02 -0,02 | F -0,03 -0,1 | Carrera Stroke |
|---------|----|------|----------|-----|-------------------|----|-----|-----|-----|----|----|----|----------------------|--------------------|-------------------|
| 8 | 8 | 4,5 | 3 | 33 | 30 | 19 | 24 | 32 | 20 | 22 | 5 | 7 | 8 | 7 | 10 |
| 10 | 10 | 5,5 | 4 | 45 | 40 | 25 | 32 | 45 | 30 | 27 | 5 | 8 | 10 | 9 | 18 |
| 12 | 11 | 7 | 6 | 57 | 51 | 31 | 39 | 50 | 35 | 32 | 7 | 10 | 12 | 10 | 20 |
| 16 | 14 | 9 | 6 | 65 | 58 | 38 | 46 | 65 | 40 | 36 | 8 | 10 | 16 | 14,5 | 25 |
| 20 | 17 | 11 | 8 | 80 | 72 | 44 | 56 | 80 | 55 | 42 | 11 | 12 | 20 | 18 | 30 |
| 25 | 20 | 14 | 10 | 93 | 85 | 52 | 66 | 90 | 65 | 50 | 15 | 15 | 25 | 22,5 | 35 |
| 30 | 20 | 14 | 10 | 101 | 93 | 60 | 74 | 100 | 70 | 55 | 15 | 15 | 30 | 27 | 40 |
| 35 | 20 | 14 | 10 | 120 | 110 | 70 | 85 | 120 | 80 | 62 | 15 | 18 | 35 | 32 | 45 |
| 40 | 26 | 17,5 | 10 | 130 | 120 | 80 | 95 | 135 | 90 | 70 | 15 | 18 | 40 | 36 | 50 |
| 45 | 26 | 17,5 | 10 | 140 | 130 | 90 | 105 | 150 | 110 | 80 | 15 | 20 | 45 | 40 | 55 |

RECUPERACION ADELANTADA
QUICK RETURN COUPLING

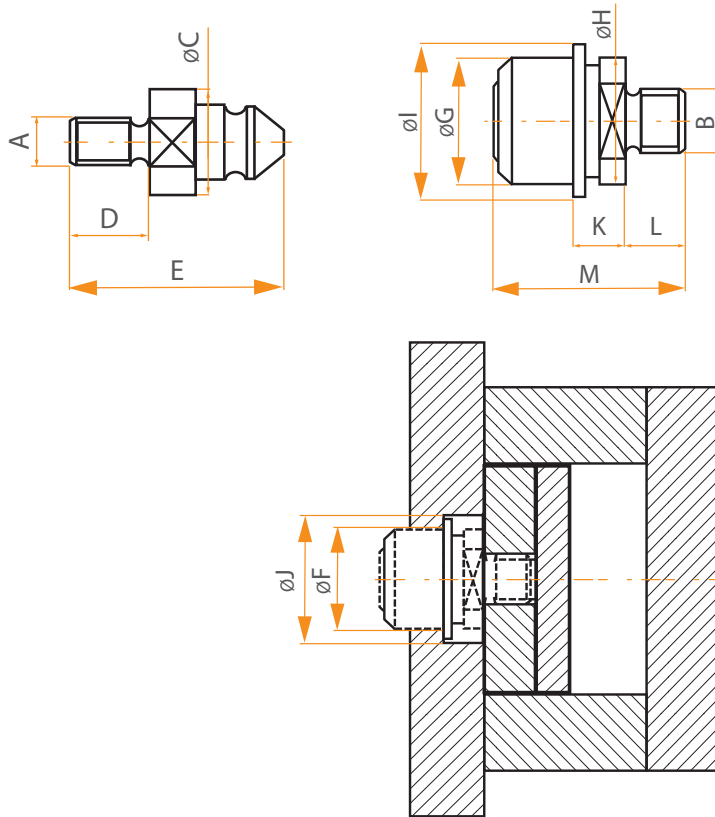
RA

RA

RECUPERACION ADELANTADA
QUICK RETURN COUPLING

| | |
|-----------------|-----------|
| Forma de pedido | RA TIPO/A |
| Order form | RA TIPO/A |

RA



| TIPO | A | C | D | E | DISPOSITIVO / DEVICE | | |
|-------|-----|------|----|------|----------------------|------------------|---------------------------|
| | | | | | MACHO MALE | HEMBRA FEMALE | CARGA (Kgs) LOAD (Kgs) |
| RA301 | M10 | 22,8 | 20 | 45,5 | RA301 | RA302 | 1500 |
| | M12 | | | | | | |
| | M14 | | | | | | |
| RA401 | M10 | 25,8 | 20 | 55 | RA401 | RA402 | 2400 |
| | M12 | | | | | | |
| | M14 | | | | | | |
| RA411 | M16 | 35 | 25 | 68 | RA411 | RA412 | 3200 |
| | M18 | | | | | | |
| | M20 | | | | | | |
| | M24 | | | | | | |
| | M27 | | | | | | |
| | M30 | | | | | | |
| RA421 | M24 | 43 | 30 | 80 | RA421 | RA422 | 18000 |
| | M27 | | | | | | |
| | M30 | | | | | | |
| | M36 | | | | | | |

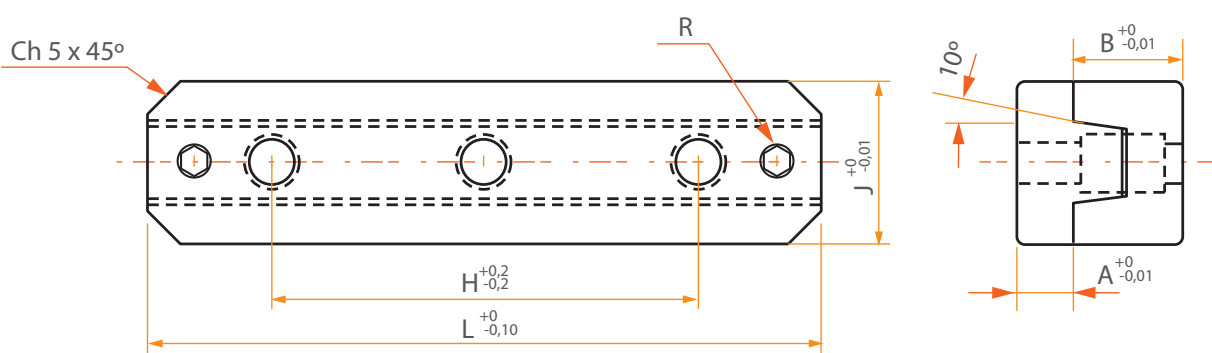
| TIPO | B | F | G | H | I | J | K | L | M |
|-------|-----|----|----|----|----|----|----|----|------|
| RA302 | M16 | 34 | 32 | 32 | 39 | 43 | 9 | 15 | 42,5 |
| RA402 | M16 | 40 | 38 | 38 | 48 | 53 | 13 | 15 | 52 |
| RA412 | M16 | 58 | 56 | 52 | 65 | 70 | 17 | 18 | 68 |
| | M18 | | | | | | | | |
| | M20 | | | | | | | | |
| | M24 | | | | | | | | |
| | M27 | | | | | | | | |
| | M30 | | | | | | | | |
| RA422 | M24 | 66 | 64 | 60 | 74 | 79 | 22 | 23 | 84 |
| | M27 | | | | | | | | |
| | M30 | | | | | | | | |
| | M36 | | | | | | | | |

CENTRADOR RECTANGULAR RECTANGULAR LOCATION UNIT

CER

| | |
|-----------------|-----------------------------|
| Material | Acero para trabajar en frio |
| Material | Alloy cold formed steel |
| Dureza caña | 58 - 60 Hrc |
| Shaft hardness | 58 - 60 Hrc |
| Forma de pedido | CER |
| Order form | CER |

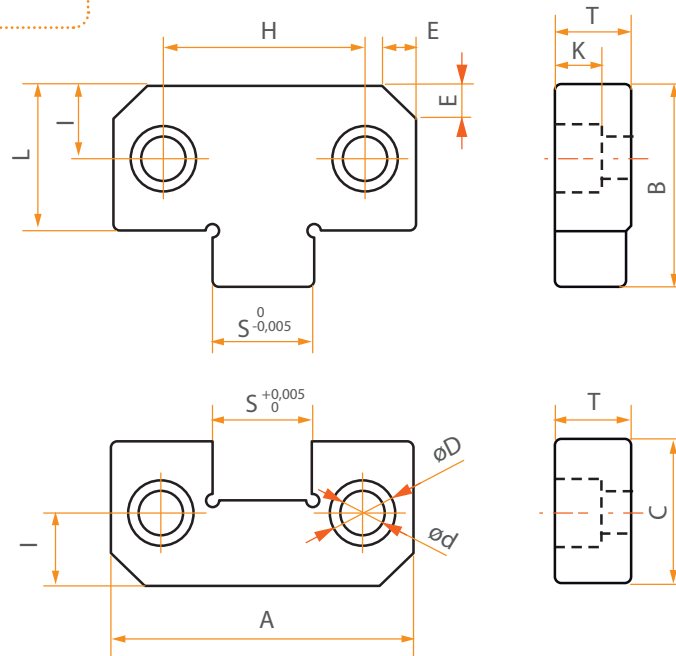
CER



| TIPO | L | H | J | A | B | R |
|---------|-----|-----|----|----|------|----|
| CER 50 | 50 | | 25 | 8 | 17,5 | M5 |
| CER 100 | 100 | 60 | 30 | 10 | 22 | M6 |
| CER 150 | 150 | 100 | 40 | 13 | 25 | M8 |

| | |
|-----------------|----------------------|
| Material | Acero de cementacion |
| Material | Case hardening steel |
| Dureza | 58 - 60 Hrc |
| Hardness | 58 - 60 Hrc |
| Forma de pedido | CEL |
| Order form | CEL |

CEL



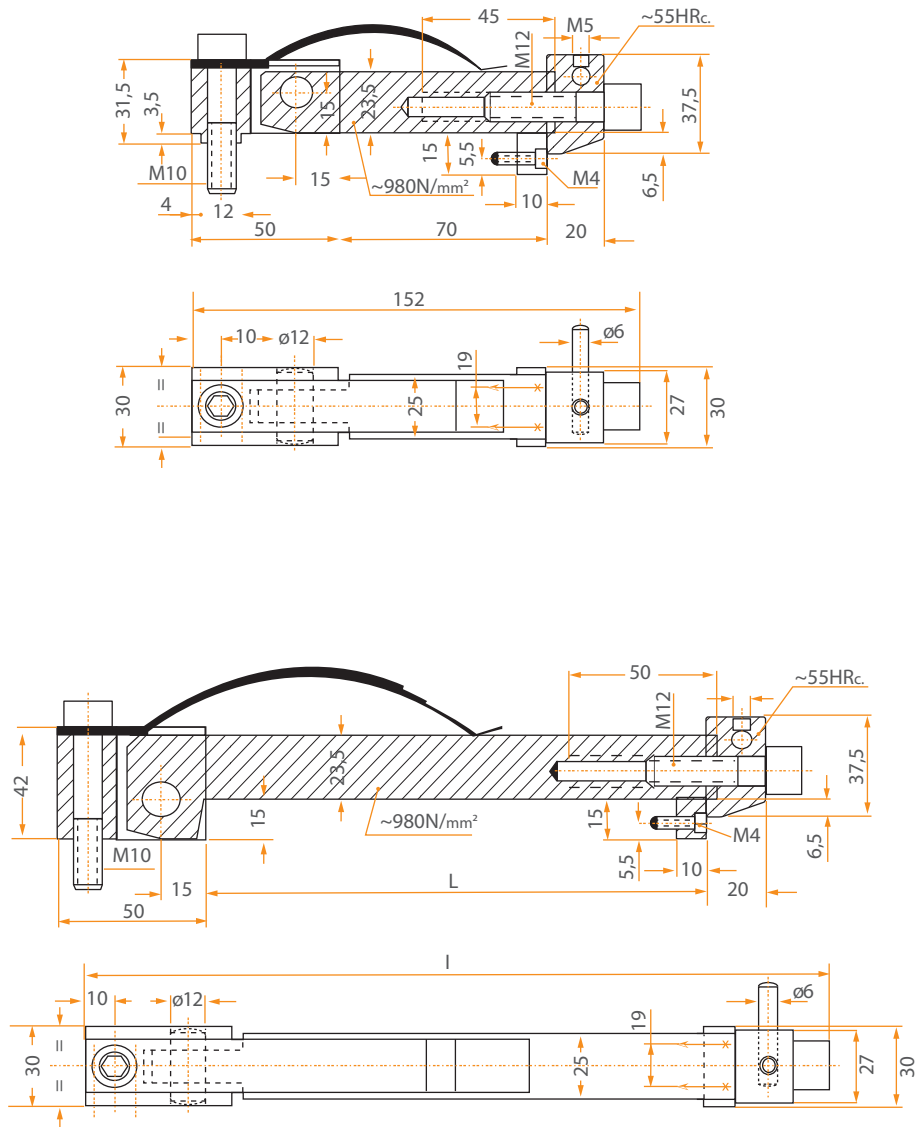
| TIPO | A | B | C | T | L | S | H | I | E | D | d | K |
|---------|-----|------|------|----|------|----|----|----|----|------|------|-----|
| CEL 38 | 38 | 24,6 | 22 | 13 | 17 | 15 | 22 | 7 | 5 | 9,5 | 5,5 | 5,5 |
| CEL 50 | 50 | 30 | 21,5 | 16 | 21,5 | 17 | 34 | 11 | 5 | 10,5 | 6,5 | 8,0 |
| CEL 75 | 75 | 50 | 36 | 19 | 36 | 25 | 50 | 18 | 8 | 16,5 | 10,5 | 12 |
| CEL 100 | 100 | 65 | 45 | 19 | 45 | 35 | 70 | 22 | 10 | 16,5 | 10,5 | 12 |
| CEL 125 | 125 | 65 | 45 | 25 | 45 | 45 | 84 | 22 | 10 | 16,5 | 10,5 | 12 |

TIRANTE DE ENCLAVAMIENTO TEN LATCH LOCK TEN

TEN

| | |
|-----------------|-----------|
| Forma de pedido | TEN / Ref |
| Order form | TEN / Ref |

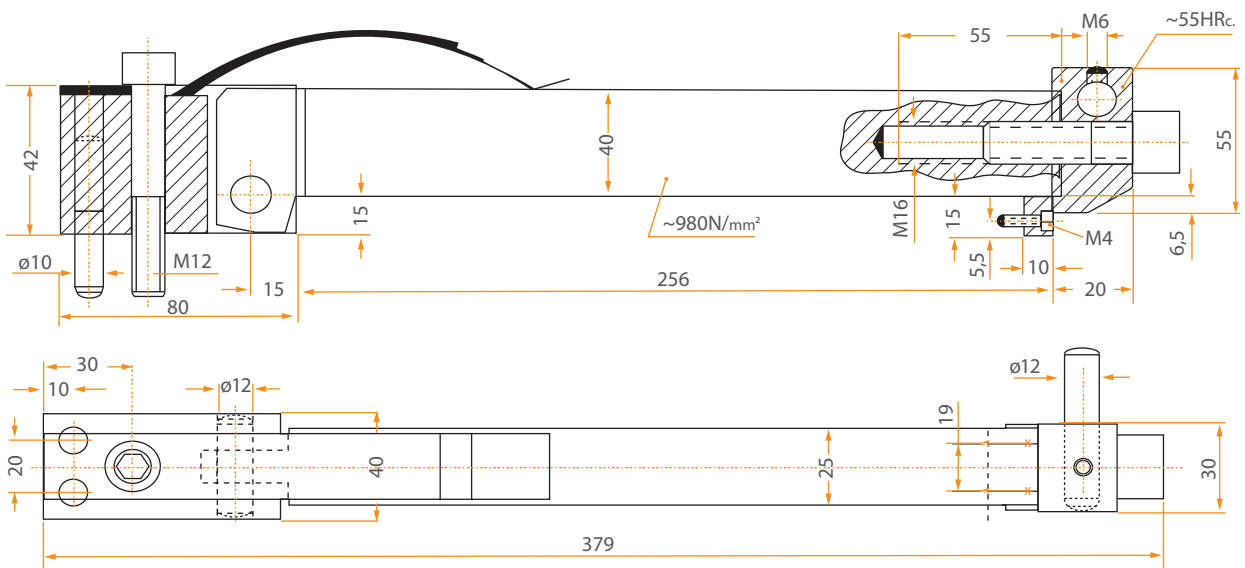
TEN



La longitud "L" es ajustable en todos los tipos.
El tirante no está templado. Puede cortarse.
Construido en acero aleado protegido contra la oxidación.
Zonas de desgaste Templadas.

Length "L" is adjustable in all types, latch lock is not hardened, can be cutted.
Made in alloyed steel protected against oxidation.
Work areas hardened.

TEN



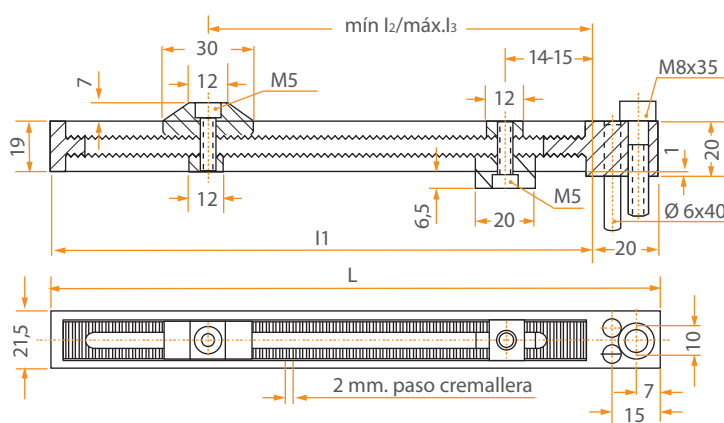
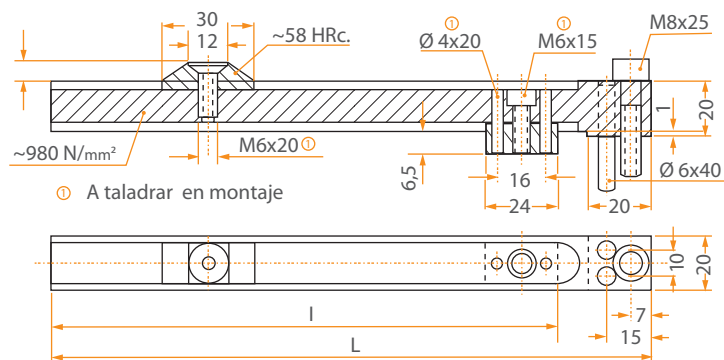
| Ref. | L | I |
|---------|-----|-----|
| TEN 090 | 90 | 172 |
| TEN 170 | 170 | 252 |
| TEN 220 | 220 | 352 |
| TEN 270 | 270 | 352 |

BARRA DE LIBERACION BAFFLE BARS

BLF - BLR

| | |
|-----------------|----------------|
| Forma de pedido | BLR o BLF Ref |
| Order form | BLR or BLF Ref |

BLF - BLR



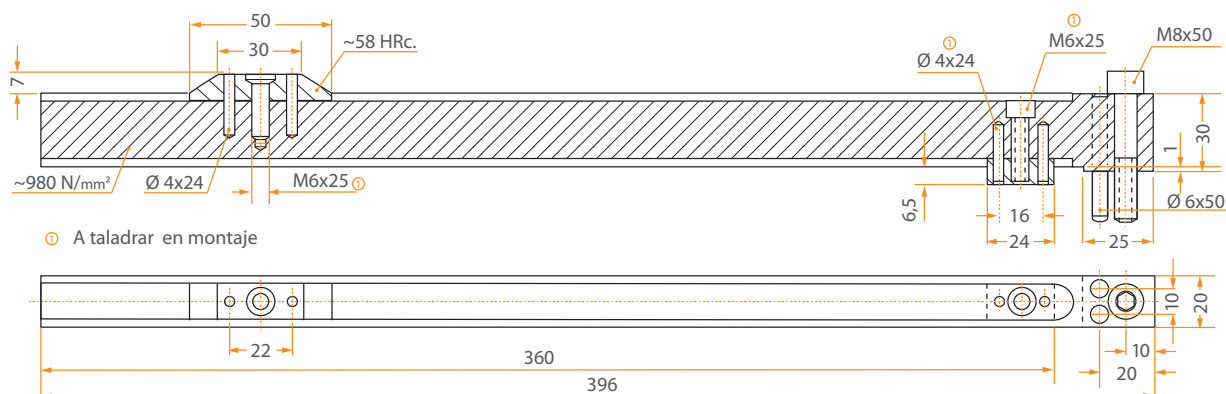
Combinan indistintamente con los tirantes Ref:

TEN 070 TEN 090 TEN 170
TEN 220 TEN 270

Combinable with Latch Locks Ref:

TEN 070 TEN 090 TEN 170
TEN 220 TEN 270

BLF - BLR



⊙ A taladrar en montaje

Tipo Fijo / Fixed Type BLF

| Ref | L | I |
|---------|-----|-----|
| BLF 200 | 200 | 170 |
| BLF 250 | 250 | 220 |
| BLF 300 | 300 | 270 |

Tipo Regulable / Regulable Type BLR

| Ref. | L | I1 | I2 | I3 | I4 | I5 |
|---------|-----|-----|----|-----|----|-----|
| BLR 140 | 140 | 120 | 20 | 100 | 20 | 104 |
| BLR 200 | 204 | 184 | 20 | 164 | 20 | 168 |
| BLR 250 | 254 | 234 | 20 | 214 | 20 | 218 |