

Spring loaded tool support. For simple positioning of heavy dies in press-tables. EKM is fixed in predrilled holes.



Above: KLM

Advantages: Simple quick fitting. Spares the operator from muscular skeletal disorder when positioning. Protects the press-table and die from scratches.

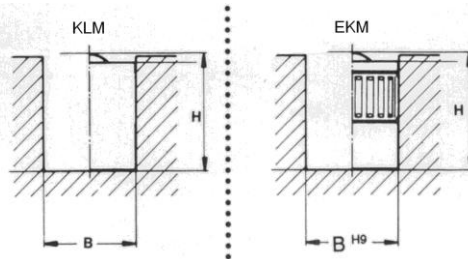
To be considered when mounting: In order to minimise the wear underneath the die/adaptor plate, a hardened strip should be built in. at least HRC 58).

Advice: Also use the EKM in other applications where you wish to transfer heavier or bulky goods easily, for instance power shears (roll the sheet on these).

Warm die tables? The spring-loaded balls, standard design, endure a working temperature up to 80 degrees Celsius. If requested, we can deliver a HT (High Temperature) model enduring up to 200 degrees Celsius continuous working temperature. The lifting capacity has to be reduced with 25% compared to standard.



Above: EKM NY



| Type KLM 18 mm Number of, balls | Cap. kg | H | B +0,3 | Length |
|---------------------------------------|------------|------|-----------|--------|
| 3 | 75 | 31,5 | 17,7 | 105 |
| 4 | 100 | " | " | 140 |
| 5 | 125 | " | " | 175 |
| 6 | 150 | " | " | 210 |
| 8 | 200 | " | " | 280 |
| 10 | 250 | " | " | 350 |

Stroke of ball 1,5 mm

| Type KLM22 mm Number of, balls | Cap. kg | H | B +0,3 | Length |
|--------------------------------------|------------|------|-----------|--------|
| 3 | 120 | 39,5 | 21,7 | 120 |
| 4 | 160 | " | " | 160 |
| 5 | 200 | " | " | 200 |
| 6 | 240 | " | " | 240 |
| 8 | 320 | " | " | 320 |
| 10 | 400 | " | " | 400 |

Stroke of ball 1,5 mm

| Type KLM 28 mm Number of, balls | Cap. kg | H | B -0,3 | Length |
|---------------------------------------|------------|----|-----------|--------|
| 3 | 192 | 50 | 27,7 | 135 |
| 4 | 256 | " | " | 180 |
| 5 | 320 | " | " | 225 |
| 6 | 384 | " | " | 270 |
| 8 | 512 | " | " | 360 |
| 10 | 640 | " | " | 450 |

Stroke of ball 1,5 mm

| Type KLM 36 mm Number of, balls | Cap. kg | H | B -0,3 | Length |
|---------------------------------------|------------|----|-----------|--------|
| 3 | 300 | 63 | 35,6 | 170 |
| 4 | 400 | " | " | 200 |
| 5 | 500 | " | " | 250 |
| 6 | 600 | " | " | 300 |
| 8 | 800 | " | " | 400 |
| 10 | 1000 | " | " | 500 |

Stroke of ball 1,5 mm

| Type EKM NY | Cap. kg | H +0,1 mm -0 mm | Diam. mm H9 |
|----------------|------------|-----------------------|-------------------|
| 18 | 20 | 30 | 20 |
| 22 | 40 | 38 | 24 |
| 28 | 63 | 44 | 30 |
| 36 | 100 | 53 | 40 |

Recommended measurements for mounting:

Slots for KLM same mm (width) as type
(note tolerance given at B)

Holes for EKM diameter in mm as given in H
(note tolerance given at H)

Drilling depth for EKM: **18=30mm 22=38mm 28=44mm 36=53mm**

NOTE: If an article shall be used in an existing or new slot a dimension print (page 4) shall always be enclosed when placing an order.