

PRODUCT OVERVIEW

Tailstock RE



WERKZEUGSYSTEME
MÜLLER GMBH
HOFMANN
MESS- UND TEILTECHNIK

Precision made in Germany

Technical data of HOFMANN Tailstocks

Main characteristics

The **RE** series of tailstocks are specially designed for the use on machine tools together with dividing units or rotary tables.

- Compact and space saving design allowing larger components to be mounted
- Solid structural design for high rigidity
- High flexibility by modular design
- High cutting performance realisable
- Large footprint for maximum vertical stability
- Tailstock spindle extends base area allowing an improved working area
- Tailstock spindle available with Morse taper
- Low maintenance bearing
- Tailstock spindle bearing reliably sealed against ingress of coolant or chips
- Tailstocks with higher accuracy also available
- Wide range of special accessories available
- Very competitive price to performance ratio



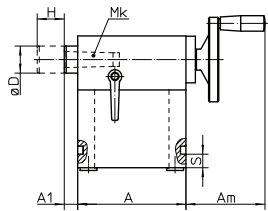
Designs

- Center heights can be freely selected within indicated range of the dimensional chart
- Morse taper sizes can be freely selected within indicated range of the dimensional chart
- Lateral offset between the tailstock centre and the tennon keys adjustable ± 1 mm
- Manually operated tailstocks with removal of the tailstock center via threaded spindle
- Pneumatic and hydraulic operated tailstocks with removal of the tailstock center via extraction nut
- Tailstocks are also available with double-stroke spindles
- Manual, pneumatic or hydraulic tailstocks available
- Hydraulic and pneumatic tailstocks are available with spindle stroke monitoring option
- Manual tailstock with lever operated clamping attachment, clamping lever can be mounted on left hand or on right hand side
- Base area with tennon keys, size selectable from 10 to 36 mm
- Clamping bolts for most T-slot sizes available
- Live centers or dead centers can be used
- Tailstock spindle assembly available without base assembly's for customized designs allowing the use of proven spindle technology
- Multi-spindle tailstocks or special designs available on request

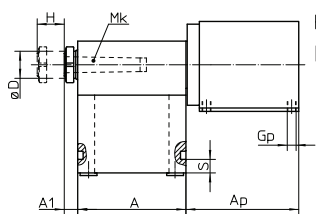
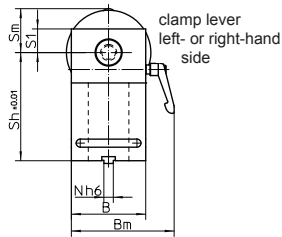
Accuracies

Size		RE-25/...	RE-40/...	RE-60/...	RE-100/...
Weight at smallest centre height	kg	8.5	19	57	175
Weight increase for 1 mm centre height increase	kg	0.05	0.1	0.18	0.37
Push force at 6 bar pneumatic pressure	N	1,870	4,700	12,000	18,800
Push force at 40 bar hydraulic pressure	N	1,900	5,000	12,400	31,400
Maximum workpiece weight	kg	100	200	800	2,000
Parallelism tennon key to tailstock sleeve	mm	0.02	0.02	0.02	0.02
Alignment tennon key to tailstock sleeve	mm	0.02	0.02	0.02	0.02

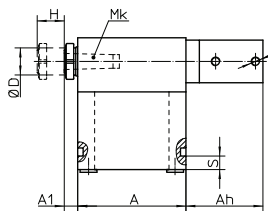
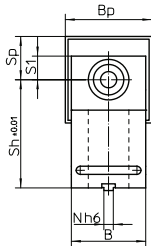
Dimensions



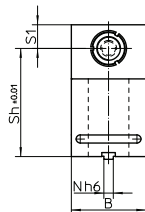
RE-.../...
manual



RE-.../...
pneumatic



RE-.../...
hydraulic



Size	RE-25/...	RE-40/...	RE-60/...	RE-100/...
A (mm)	120	160	250	400
A1 (mm)	18	20	25	35
Ah (mm)	84	114	162	230
Am (mm)	94	117	143	180
Ap (mm)	90	127	181	249
B (mm)	80	110	150	250
Bm (mm)	121	152	223	323
Bp (mm)	87	128	178	226
D (mm)	25	40	60	100
Gh (inch)	1/4	1/4	1/2	1/2
Gp (inch)	1/8	1/4	3/8	3/4
H (mm)	25	40	60	100
Mk	1/2	2/3	4/5	5/6
N (mm)	10 - 36	10 - 36	10 - 36	10 - 36
S (mm)	20	20	40	40
S1 (mm)	25	35	50	80
Sh (mm)	70 - 475	80 - 465	110 - 450	165 - 450
Sm (mm)	50	65	84	128
Sp (mm)	43.5	64	89	113

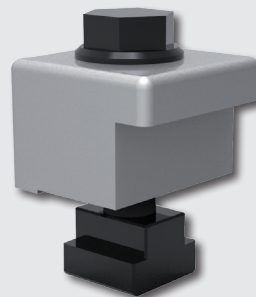
Accessories



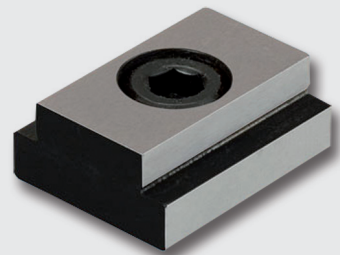
Dead center
[MT-1 to MT-6]



Life center
[MT-2 to MT-6]



Clamping set for T-slots
from 10 to 36 mm



Tennon keys
from 10 to 36 mm



Hofmann Mess- und Teiltechnik is part of the renowned Müller group, a successful alliance of five companies, which offers great synergistic effects to their customers.

Having more than 80 years of experience combined with fresh creativity and innovational strength, Hofmann is a well sought-after partner by renowned manufacturers of machine tools for processing metal. Our efficient and customized solutions are produced by qualified specialists in our state-of-the-art machine shop in Pliezhausen near Stuttgart. Fast, cost-saving and specially designed for the needs of our customers.

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