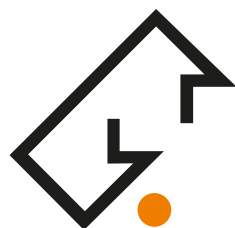


Dividing Heads TSH



WERKZEUGSYSTEME
MÜLLER GMBH
HOFMANN
MESS- UND TEILTECHNIK



Dividing manually

Swivelled Dividing Heads TSH

MAIN CHARACTERISTICS

The dividing unit TSH-100 can be universally used on engraving, milling, grinding or drilling machines to cut polygonal surfaces or pitch circles.

The clamped dividing spindle can be divided by worm gear, direct dividing or 360 degrees freely by hand.

The dividing unit can be swivelled and clamped in any position between 0 and 90 deg. Therefore, the work piece can be brought into every position.

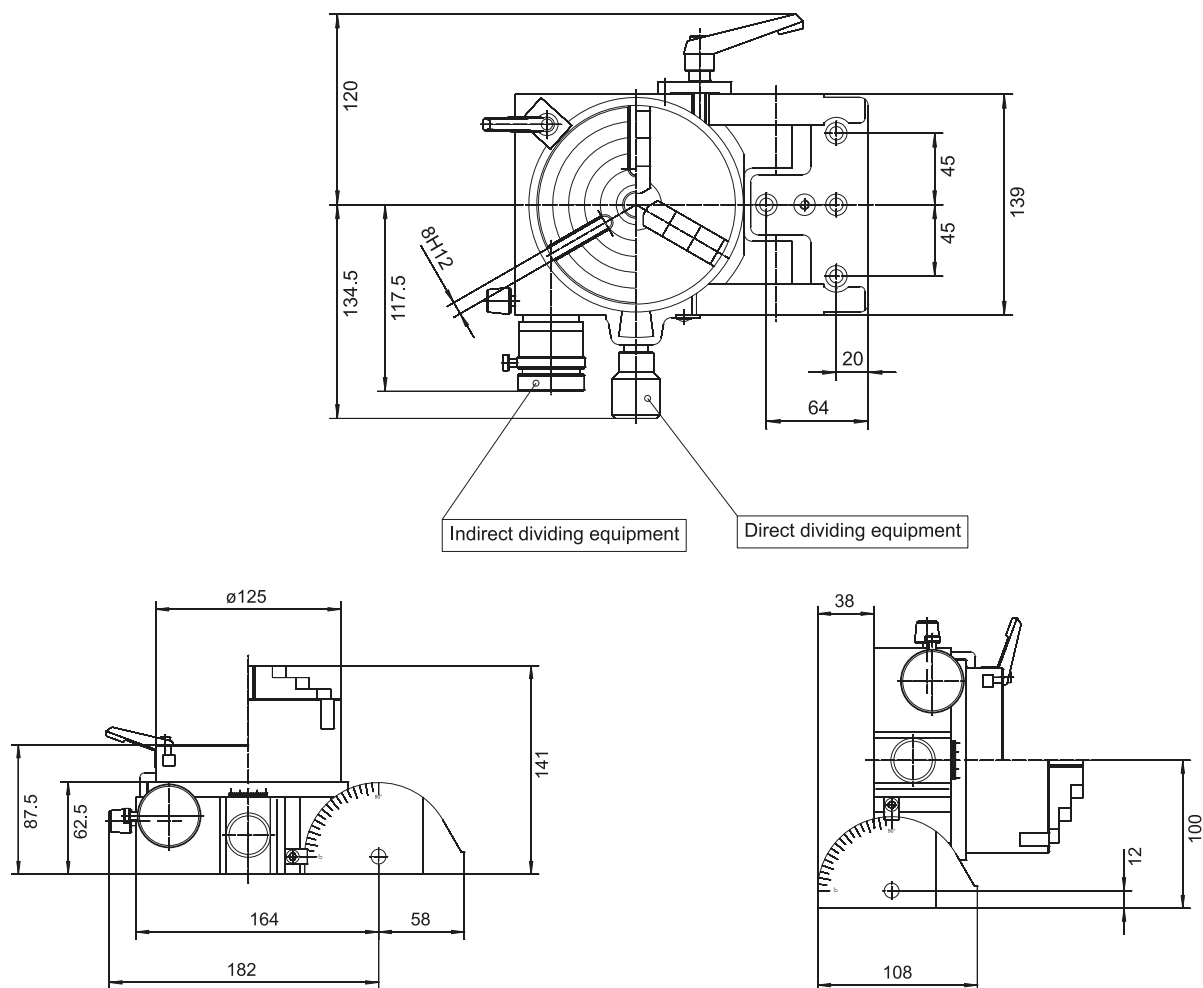
The indexing accuracy achievable is $\pm 2'$.



DIVIDING OPTIONS

- Indirect-Dividing
by worm gear with a transmission ratio of $i=60:1$
with hand wheel and micrometer dial
- Direct-Dividing
by graduation scale with vernier on the dividing spindle
- Swivelling
The swivelling movement of the dividing spindle housing is carried out freely by hand. The adjustment with zero mark is carried out on the graduation scale of the swivelling bearing
- Direct-Dividing
by locking bolts and notching disk with sixty notches for the numbers of division 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60

TECHNICAL DATA

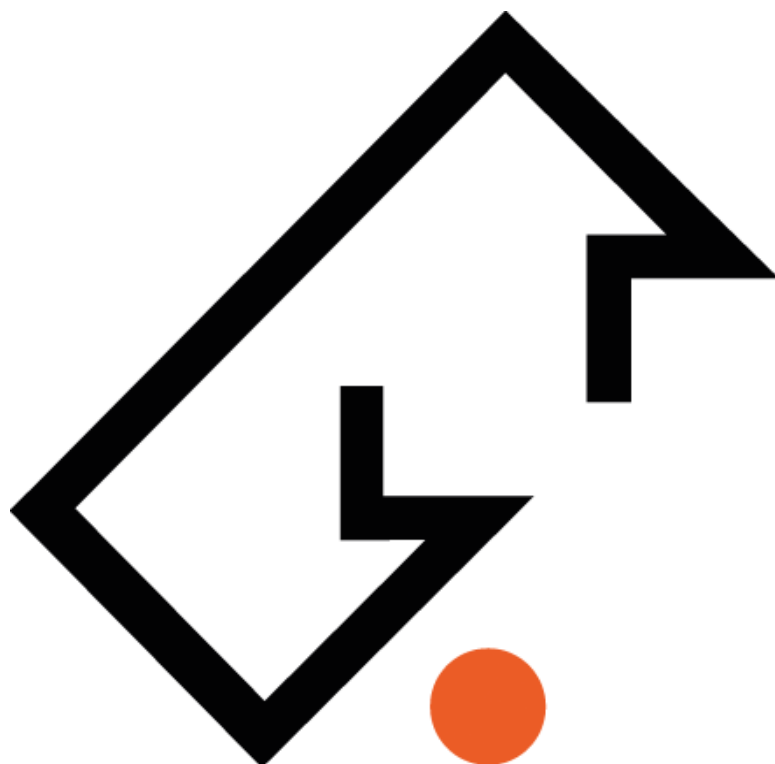


Accuracies

Size		100
Indexing accuracy	(min)	± 2
Accuracy of reading of the micrometer dial	(min)	10
Accuracy of reading of the swivel axis	(°)	1
Concentricity of the dividing spindle	(mm)	0.015
Run-out accuracy of the dividing spindle	(mm)	0.015
Parallelism of the dividing spindle to base area	(mm)	0.02
weight	(kg)	10

Load and performance data

Size		100
Maximum load capacity for horizontal axis	(kg)	10
Maximum load capacity for horizontal axis with tailstock	(kg)	20
Maximum load capacity for vertical axis	(kg)	20
Maximum axial force	(kN)	3
Maximum radial force	(kN)	1
Tilting moment workpiece	(Nm)	30
Tilting moment indexing spindle clamped	(Nm)	80



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