

PRODUCT OVERVIEW

VTS Direct Dividing Unit



WERKZEUGSYSTEME
MÜLLER GMBH
HOFMANN
MESS- UND TEILTECHNIK

Precision made in Germany

Technical data of VTS Direct Dividing Unit

Main characteristics

- Dividing unit with simple operation for vertical or horizontal use
- The dividing operation is carried out through the built in quick action control system by the simple operation of the dividing lever
- The number of divisions can easily be changed by adjusting the stop
- Divisions of 2, 3, 4, 6, 8, 12 and 24 are possible with the standard indexing plate
- Direct indexing plate can be disengaged for scale-based indexing with manual indexing spindle clamping
- Long durability through hardened and ground indexing spindle, direct indexing plate and indexing bolt
- Large through hole for processing of long workpieces
- Indexing accuracy +/- 60 sec.

Accessories/options

- Face plates
- Three-jaw chuck
- Tailstock
- Collet chuck
- Special indexing plates with max. 36 notches – including uneven indexing – possible upon customer request
- Center and carrier

Accuracies

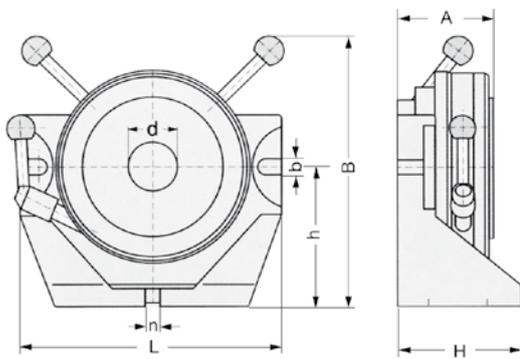
Size		VTS-125	VTS-160	VTS-200
Circular runout of indexing spindle	(mm)	0.02	0.02	0.02
Axial runout of indexing spindle face	(mm)	0.02	0.02	0.02
Index spindle parallelism to base to 300 mm	(mm)	0.03	0.03	0.03
Index spindle perpendicularity to the angle surface to 300 mm	(mm)	0.03	0.03	0.03
Index spindle parallelism to alignment keys to 300 mm	(mm)	0.02	0.02	0.02

Load and performance data

Size		VTS-125	VTS-160	VTS-200
Load capacity for vertical axis max.	(kg)	125	160	200
Load capacity for horizontal axis max.	(kg)	60	80	100
Load capacity for horizontal axis with tailstock max.	(kg)	100	125	160
Axial forces max.	(kN)	10	20	30
Radial forces max.	(kN)	5	8	10
Tilting moment workpiece	(Nm)	60	80	90
Tilting moment indexing spindle clamped	(Nm)	200	300	400
Holding capacity of indexing spindle clamping	(Nm)	200	300	400



Dimensions



Size		VTS-125	VTS-160	VTS-200
A	(mm)	105	109	140
B	(mm)	240	310	370
b	(mm)	16	16	16
d	(mm)	Ø 34	Ø 55	Ø 76
H	(mm)	133	145	192
h	(mm)	125	160	200
L	(mm)	250	300	395
n	(mm)	14	14	14
Three-jaw chuck	(mm)	Ø 125	Ø 200	Ø 250
Overall height	(mm)	180	205	255
Face plate	(mm)	Ø 160	Ø 250	Ø 300
Overall height	(mm)	142	160	193
Collet chuck clamping range	(mm)	4 - 24	8 - 40	8 - 40
Weight	(kg)	25	37	75

Accessories



Face plates



Three-jaw chucks



Collet chucks



Tailstocks



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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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You will benefit from it!**



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