

Hauerwas Ventilette *for DN 8 - 200 mm*

Mobile and fixed grinding and lapping machines for coarse to the finest grinding and lapping of sealing surfaces

- Axial spring suspended machine spindle with scale
- Infinitely variable speed control
- Tool carrier with self-locking snap closure for pick up of machining discs
- Ball Mandrel as pick up aligns spindle and machining discs to sealing surface
- Movements:
 - Rotation: for fast material removal
 - Reversion: especially suited for lapping
 - Eccentric: for finer surfaces in free hand operation
- Machine and complete accessories in box with foam insert, abrasives in clear plastic boxes
- Grinding and Lapping Discs for flat seats
- Device for grinding in of tapered seat valves: total angles 30°, 60°, 90°, or according to demand
- Accessories (e.g. pipe clamp, machine stand, tilting table, ...) for mobile or stationary use available
- Available with electric or compressed air drive



Ventilette 4E with pipe clamp



Ventilette 1



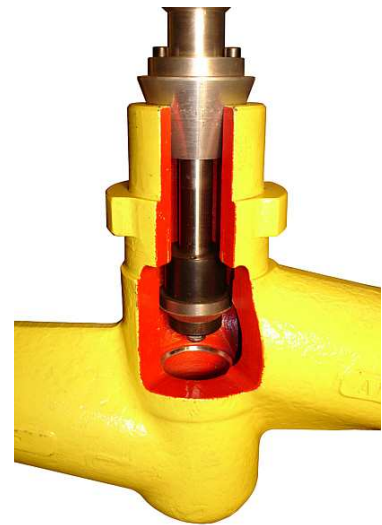
Ventilette Type 4 E mounted with machine stand onto tilting table



Box for Ventilette Type 4 E



Box for Ventilette Type 3 E



Grinding Device for machining tapered seat valves in connection with the Ventilette machines

Ventilette Type 2 D

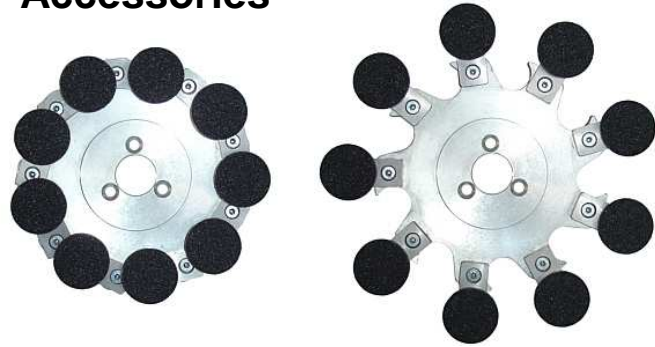


Ventilette		1	S2	Type 1	Type 2	Type 3	Type 4
Working Range	- standard	10- 50	40- 100	8- 50	8- 150	8- 50	8- 150
DN (mm)	- extended			-75	-200	-75	-200
Spindle Motion	- Rotation	-	-	+	+	+	+
	- Reversion	+	+	-	-	+	+
	- Eccentric	-	-	-	-	+	+
Immersion Depth	- standard				225		
(mm)	- extended				335		
Weight, complete, kg				2,4	3,3	3,3	4,2

Hauerwas Accessories

Hauerwas Planet Discs DN 125-2000 mm

- carrier disc made from alu, different working tools attached using swivel holders
- swivel holders allow continuously adjustment of working tools' external diameter
- high number of contacts results in large cover of sealing surface for best geometry and flatness in short time



Planet Disc DN 200 mm - Swivel holders with grinding discs at min. (left) and max. (right) external Ø

Working tools for fitting the swivel holder of the Hauerwas Planet Disc

Steel Carrier Discs
for grinding sheet discs

High Performance
Grinding Discs (CBN)

Lapping Discs
made from cast iron

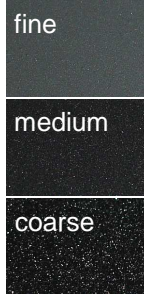
Honing Stones



Lapping Discs, made from cast iron

- Available in flat design or with phonographic- and radial grooves for transport and even spread of lapping paste, best suited when using the eccentric

Lapping Paste, made from Boron Carbide, water soluble or oil soluble, available in: tins of 1 kg or tubes of 100 grams



Lapping
Paste



Milling Discs with milling plates available

Abrasives

- made from high quality materials for highest precision and repeatable surface roughness values
- for coarse to finest grinding of all materials
- Available designs: Discs, Rings, Segments
Also available according to customers dimensions and quality specification
- packed in clear plastic boxes



Hauerwas Grinding Discs for Hauerwas High Speed Grinders HVS

- CBN - boron nitride grinding discs directly attached to the spindle of the grinding motor
- for face, peripheral and taper grinding
- high cutting performance and a long life is achieved with minimal heat production

