

# TSAV 160 x 500



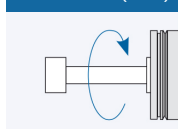
Maximum speed  $n_{\max}$  [ $\text{min}^{-1}$ ]\* for bearing types:

|                     |      |
|---------------------|------|
| Standard            | 2500 |
| Modified (optional) | 5000 |

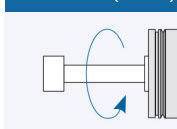
\* without tool

Ordering information: TSAV 160 x 500 R is for clockwise, L for counter-clockwise

ROTATION (CW.)

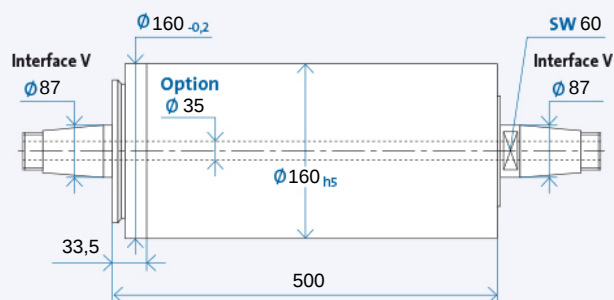


ROTATION (CCW.)



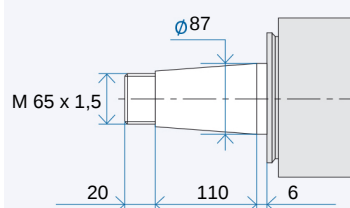
## Accessories

### Technical data



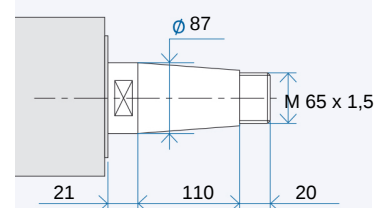
Spindle shaft bore is optional

### Tool interface



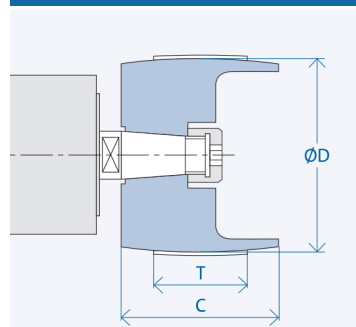
Tool interface: fitting bores with flat contact face acc. to GMN precision standards

### Pulley interface



Pulley interface: taper 1 : 7,5 nominal value, included angle acc. to GMN precision standards

### Pulleys



| Interface | Dimensions [mm] |     |     |
|-----------|-----------------|-----|-----|
|           | D               | C   | T   |
| V 87      | 280             | 130 | 100 |
|           | 280             | 130 | 100 |

Ordering information pulley: VX<sub>1</sub>-X<sub>2</sub>

X<sub>1</sub>: Interface: 12/15/...

X<sub>2</sub>: Figure from column D

Puller for pulley: VX<sub>1</sub>/...

### Anti-rotation slot

Option from TSAV 50 up to TSAV 80  
Standard from TSAV 100

The lock pin is not included in the scope of delivery and must be ordered separately.

### Optional equipment (on request)

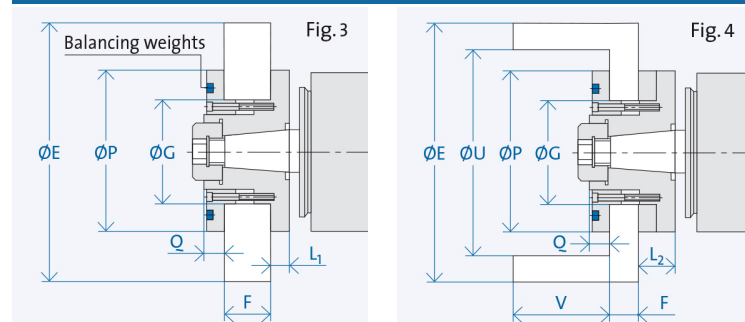
- Balancing systems (manual or automatic)
- Special seal
- Housing design

# TSAV 160 x 500



## Accessories

### TSAV Grinding wheel flanges SN



| Interface  | Dimensions [mm] |    |                |                | Grinding wheel [mm] |     |         |   |   | Speed [min <sup>-1</sup> ]<br>at v <sub>c</sub> =35 m/s <sup>2)</sup> |
|------------|-----------------|----|----------------|----------------|---------------------|-----|---------|---|---|-----------------------------------------------------------------------|
|            | P               | Q  | L <sub>1</sub> | L <sub>2</sub> | E                   | G   | F       | U | V |                                                                       |
| V87 Fig. 3 | 270             | 28 | 22             | -              | 600                 | 203 | 40 - 80 | - | - | 1100                                                                  |

<sup>2)</sup> Attention! Wheel selection must be in accordance with the manufacturer's recommendation for maximum speed.

Ordering information flange: V X<sub>1</sub>/X<sub>2</sub>/X<sub>3</sub>/X<sub>4</sub>

X<sub>1</sub>: Interface: 12/15/...

X<sub>2</sub>: MS = Flange style MS

SN = Flange style SN

X<sub>3</sub>: G = Straight grinding wheel

T = Cup grinding wheel

X<sub>4</sub>: K = Corundum grinding wheel, Ø G<sub>17</sub>

D = Diamond or CBN grinding wheel, Ø G<sub>14</sub>

Puller for flange: V X<sub>1</sub>/X<sub>2</sub>

Balancing quill for flange: V X<sub>1</sub>

### Anti-rotation slot

TSAV 50 up to TSAV 80:

Option: Flange style MS

From TSAV 100:

Standard: Flange style SN

The lock pin is not included in the scope of delivery and must be ordered separately.