

# TSAV 50 x 315



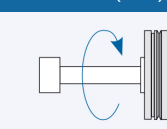
Maximum speed  $n_{\max}$  [ $\text{min}^{-1}$ ]\* for bearing types:

|                     |       |
|---------------------|-------|
| Standard            | 10500 |
| Modified (optional) | 26000 |

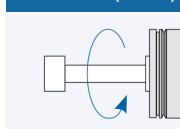
\* without tool

Ordering information: TSAV 50 x 315 R is for clockwise, L for counter-clockwise

ROTATION (CW.)

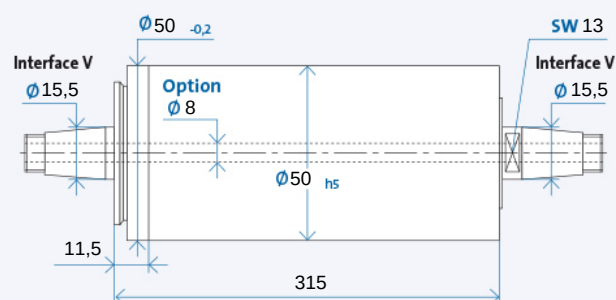


ROTATION (CCW.)



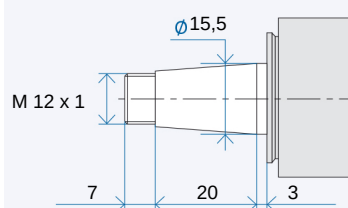
## Accessories

### Technical data



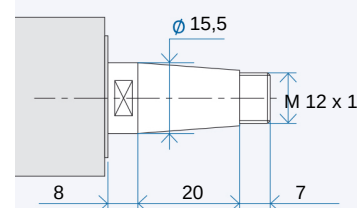
Spindle shaft bore is optional

### Tool interface



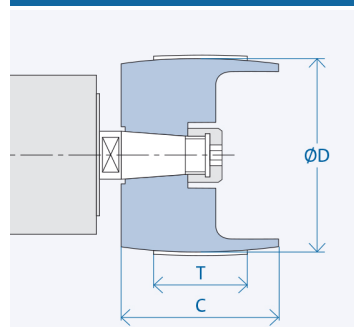
Tool interface: fitting bores with flat contact face acc. to GMN precision standards

### 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 15      | 50              | 50 | 40 |
|           | 63              | 50 | 40 |

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)

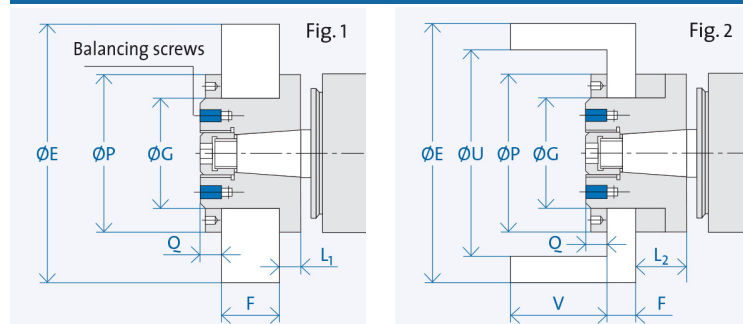
- Balancing systems (manual or automatic)
- Special seal
- Housing design

# TSAV 50 x 315



## Accessories

### TSAV Grinding wheel flanges MS



| 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  |                                                                       |
| V15       | Fig. 1 | 50              | 6 | 9              | -              | 100                 | 32 | 14 - 20 | -   | -  | 6600                                                                  |
|           | Fig. 2 | 50              | 6 | 9              | 19             | 125                 | 32 | 4 - 10  | 110 | 53 | 5300                                                                  |

<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, ØG<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.