

# TSAV 100 x 800



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

|                     |      |
|---------------------|------|
| Standard            | 5500 |
| Modified (optional) | 7000 |

\* without tool

Ordering information: TSAV 100 x 800 R is for clockwise, L for counter-clockwise

ROTATION (CW.)

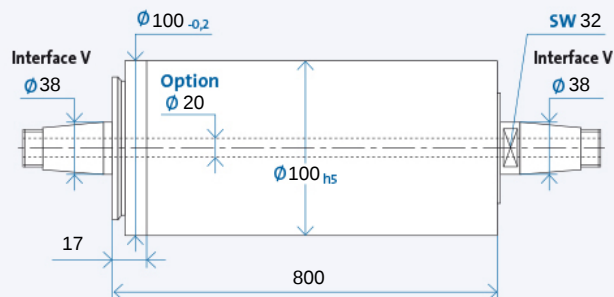


ROTATION (CCW.)



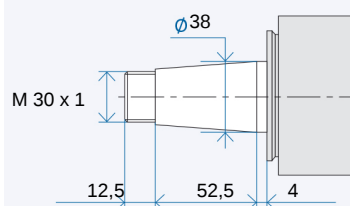
## Accessories

### Technical data



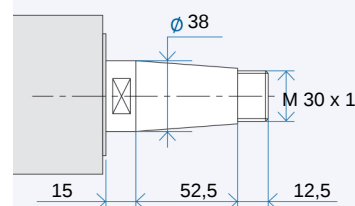
Spindle shaft bore is optional

### 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 38      | 80              | 80 | 70 |
|           | 125             | 80 | 70 |

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 100 x 800



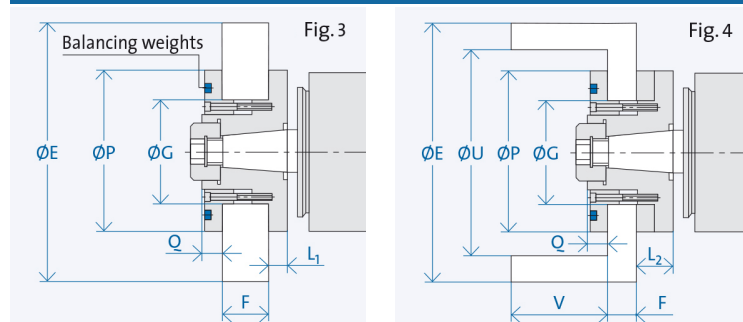
## Accessories

### 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   |                                                                       |
| V38       | Fig. 1 | 110             | 13,5 | 13             | -              | 175                 | 76 | 30 - 40 | -   | -   | 3800                                                                  |
|           | Fig. 2 | 110             | 13,5 | 13             | 30             | 175                 | 76 | 13 - 23 | 190 | 100 | 3800                                                                  |

### 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   |                                                                       |
| V38       | Fig. 3 | 110             | 13 | 13             | -              | 250                 | 76 | 20 - 40 | -   | -   | 2600                                                                  |
|           | Fig. 4 | 110             | 13 | 13             | 28             | 250                 | 76 | 5 - 25  | 190 | 100 | 2600                                                                  |

<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.