

## Inquiry form cylindrical worm

It is our goal to offer you the best possible tooling solution for your manufacturing process. We therefore kindly ask you to fill out this inquiry form completely and to send it back to [individual@simtek.com](mailto:individual@simtek.com).

In case of questions regarding this inquiry form, please do not hesitate to contact our colleagues under +49 7473 9517 160 or via mail to [individual@simtek.com](mailto:individual@simtek.com).

Company

Contact person

Reference

Given dimensions are  mm  inch

- 1** Form of the flank  ZI (ZE)  ZA  ZN  ZK  ZW  ZC (ZH)  Special profile
- 2** Number of teeth / threads: \_\_\_\_\_
- 3** Normal pressure angle: \_\_\_\_\_
- 4**  Normal module  Axial module \_\_\_\_\_
- 5**  Helix angle  Lead angle \_\_\_\_\_
- 6** Flank direction  Right  Left
- 7** Reference diameter: \_\_\_\_\_
- 8** Lead: \_\_\_\_\_
- 9** Tip diameter incl. tolerance: \_\_\_\_\_

10 Root diameter incl. tolerance: \_\_\_\_\_

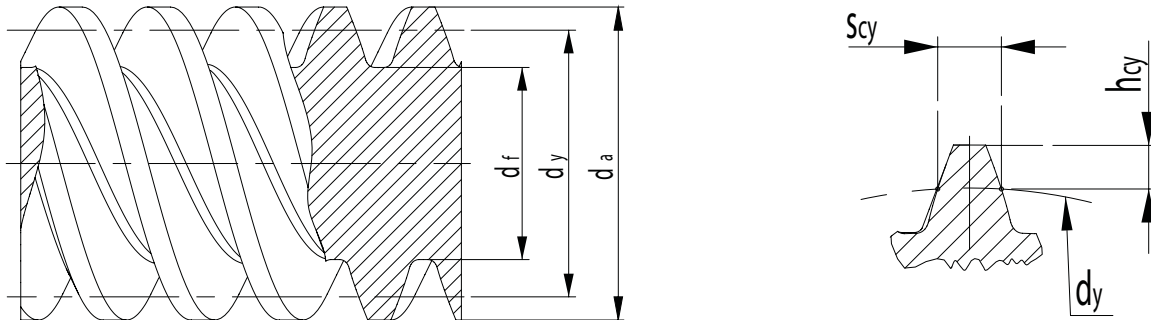
Alternative: Tooth depth: \_\_\_\_\_

11 Pin diameter: \_\_\_\_\_

Measurement over three pins incl. tolerance: \_\_\_\_\_

11.1 Alternative: Chordal height ( $h_{cy}$ ): \_\_\_\_\_

Chordal tooth thickness ( $s_{cy}$ ) incl. tolerance: \_\_\_\_\_



12 Tip form diameter min.: \_\_\_\_\_

13 Root form diameter max.: \_\_\_\_\_

14 Tip modification, description: \_\_\_\_\_

Sketch / Drawing Tip fillet radius min. / max. R: \_\_\_\_\_

15 Root modification, description: \_\_\_\_\_

Sketch / Drawing Root fillet radius min. / max. R: \_\_\_\_\_

16 STEP-model of:                      Nominal dimension                      max. dimension                      mean dimension                      min. dimension

Filename: \_\_\_\_\_

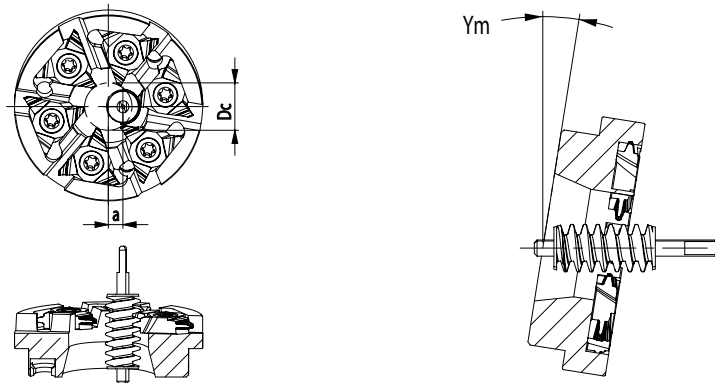
**Additional information for flank type K, worm ZK:**

**17** Diameter of grinding disc: \_\_\_\_\_

**Additional information for flank type W, worm ZW:**

**18** Cutting diameter  $D_c$ : \_\_\_\_\_

**19** Center distance  $a$ : \_\_\_\_\_



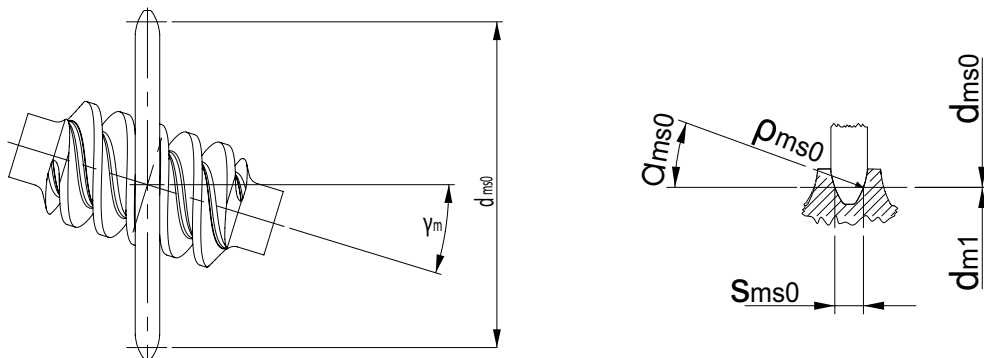
**Additional information for flank type C, worm ZC:**

**20** Diameter  $d_{ms0}$ : \_\_\_\_\_

**21** Grinding wheel thickness  $s_{ms0}$ : \_\_\_\_\_

**22** Circular arc radius  $\rho_{ms0}$ : \_\_\_\_\_

**23** Angle  $\alpha_{ms0}$ : \_\_\_\_\_



**24** Further important information regarding this inquiry and / or information on competitor: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_