

# DESCH Crankshaft



Minimum quantity > 1  
 Max. crankshaft radius ca. 170 mm  
 Depending on the position  
 and diameter of the throw!  
 Machining length approx. max. 2.500 mm  
 depending on design.

We would be pleased to offer an individual package!

Manufacturing on NILES N40 MC - 3000 or WFL M 120 Millturn

Max. turning diameter	920 mm
Max. turning overslide	820 mm
Max. turning length	3.000 mm
Steady rest	200 - 601 mm
Steady rest	75 - 401 mm



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# DESCH Crankshaft

Customer:

Street: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Telephone: \_\_\_\_\_

Project: \_\_\_\_\_

Number of units per month: \_\_\_\_\_

Name: \_\_\_\_\_

City: \_\_\_\_\_

Position: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Delivery: \_\_\_\_\_

Date: \_\_\_\_\_

Are there further documents other than the drawing for the production of the crankshaft?

Material Specification  
 Forging Specification  
 Heat Treatment Specification  
 Processing Specification  
 Require testing  
 Other? \_\_\_\_\_  
 Approval through classification society.: \_\_\_\_\_

<input type="checkbox"/> yes	<input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> no

Raw Material:

Which material is required?

Does the material/forging supplier need customer approved?

If yes, who is approved?

Is a degree of deformation required?

If yes, minimum degree of deformation?

Can crankshaft be made from bar stock?

If not, is a drawing of the forging available?

yes  nein

yes  nein

yes  no

yes  no

Heat Treatment:

Does the part need to be normalized?

Does the part need to be tempered?

Does the part need to be nitrided?

Does the heat treater need customer approval?

If yes, who is approved?

yes  no

yes  no

yes  no

yes  no

Inspection/Documentation:

Are there customer inspection requirements?

Raw material inspection

Heat treatment inspection

Magnetic particle inspection

Ultrasonic inspection

Dimensional inspection

Other

Are there requirements regarding the test laboratories, inspectors etc.

If yes, which?

<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> ja	<input type="checkbox"/> nein
<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> ja	<input type="checkbox"/> nein
<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> ja	<input type="checkbox"/> nein
<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> ja	<input type="checkbox"/> nein
<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> ja	<input type="checkbox"/> nein
<input type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> ja	<input type="checkbox"/> nein

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_