

Technical drawing of a mechanical part. The drawing shows a cross-section of a component with a total width of 40. The material is specified as M16 (2x). The drawing includes a section line and a dimension line indicating the width of 40.

Technical drawing of a 2200mm long metal profile, showing dimensions and section views.

Dimensions (mm):

- Overall length: 2200 $\pm 0,1$
- Section A-A: 2100 $\pm 0,2$, 1890 $\pm 0,2$, 1680 $\pm 0,2$, 1470 $\pm 0,2$, 1420 $\pm 0,2$, 1260 $\pm 0,2$, 1050 $\pm 0,2$, 840 $\pm 0,2$, 680 $\pm 0,2$, 630 $\pm 0,2$, 420 $\pm 0,2$, 210 $\pm 0,2$
- Section B-B: 35, 70 $\pm 0,2$
- End view: 50, 6, 10 (2x), 130 $\pm 0,1$, 15°

Section Views:

- Section A-A:** Shows the profile with a central hole and a 15° chamfer.
- Section B-B:** Shows the profile with a central hole and a 15° chamfer.

Material and Finish:

- Material: M12 / 17 tief (2x) deep
- Finish: 15°

Technical drawing of a mechanical part (Fig. 1) showing a cross-section with dimensions and surface finish requirements.

Dimensions:

- Overall width: 65
- Overall height: 130 ± 0.1
- Top flange width: 30 ± 0.2
- Top flange thickness: 22
- Inner hole diameter: $\varnothing 38$ (11x)
- Inner hole length: 40
- Inner hole position from right face: 28
- Inner hole position from top flange: 18
- Inner hole position from bottom flange: 40
- Bottom flange width: 20
- Bottom flange thickness: 5
- Bottom flange position from right face: 12.5
- Bottom flange position from top flange: 50
- Bottom flange position from inner hole: 20
- Bottom flange position from left face: 65
- Bottom flange position from top flange: 50
- Bottom flange position from inner hole: 20
- Bottom flange position from left face: 65

Surface Finish Requirements:

- Top flange: $Ra 1.6$
- Inner hole: $Ra 0.8$
- Bottom flange: $Ra 3.2$
- Left face: $Ra 1.6$
- Top flange: $Ra 0.8$
- Inner hole: $Ra 0.8$
- Bottom flange: $Ra 3.2$
- Left face: $Ra 1.6$

Geometric Tolerances:

- Top flange: $90^\circ \pm 0.05^\circ$
- Inner hole: $90^\circ \pm 0.02^\circ$
- Bottom flange: 45°
- Inner hole: 45°
- Bottom flange: $5 \times 45^\circ$

Material and Heat Treatment:

- Material: 40Cr
- Heat Treatment: 40Cr

$\sqrt{\text{Ra } 25} \left(\sqrt{\text{Ra } 3,2} \quad \sqrt{\text{Ra } 1,6} \quad \sqrt{\text{Ra } 0,8} \right)$

Alle Form und Lagetoleranzen sind zu protokollieren
All form and positions tolerances must be reported

[illegible]

hemnic05 26.11.2019 08:35:59

Zeichnungs-Nr. / Drawing Number	Aend.-Ind./Rev.
705527468	-

Diese Zeichnung ist urheberrechtlich geschützt und beinhaltet vertrauliche Informationen der ANDRITZ AG. Jeder Partner bestellend mit der Annahme dieser Zeichnung ausdrücklich, dass er diese Zeichnung weder kopieren, noch vervielfältigen oder dritten Personen zugänglich machen wird, es sei denn, dies geschieht mit der ausdrücklichen Zustimmung der ANDRITZ AG oder einer ihrer Tochtergesellschaften.

Copyright notice
This drawing constitutes confidential and proprietary information of ANDRITZ AG. Any party accepting receipt of this drawing does so on the express understanding and agreement that it will neither copy, reproduce, disclose to third parties or use this drawing for any purpose other than those expressly agreed to by ANDRITZ AG or one of its affiliates.

Werkstueckkanten
Edges of working parts

ISO 13715 $\sqrt{0.3}$ $\sqrt{0.1}$