

Technical drawing of a circular part with a central hole and a gear-like outer profile.

Top View:

- Central hole diameter: $\phi 270 \text{ H7}$
- Part diameter (TK): $\phi 330$
- Part diameter (LK): $\phi 295$
- Outer gear profile pitch circle diameter: $\phi 295$
- Section line A-A

Side View:



- Pressure angle: 15°
- Section line A-A

Surface Texture:

- Symbol: $Ra \ 6,3$

Technical drawing of a shaft with a keyway. The shaft has a diameter of 8 H7 and a length of 12x30. The keyway is 1x45 degrees. The surface finish is Ra 6,3. The shaft is shown in a cross-section view with a 30 degree angle.

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|----------------------------------|----------------------|
| <i>Stirnrad</i> | <i>außenverzahnt</i> |
| <i>Modul [mm]</i> | <i>3</i> |
| <i>Zähnezahl</i> | <i>110</i> |
| <i>Bezugsprofil</i> | <i>DIN 867</i> |
| <i>Teilkreisdurchmesser [mm]</i> | <i>330</i> |
| <i>Breite</i> | <i>30mm</i> |
| <i>Verzahnungsqualität</i> | <i>8</i> |

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|---------------------------------------------------------------------------------------|----------------|------------|------------------------|------------|----------------------------------------------------------------------------------------------------------------------|-----------------|------------|
| 1 | Zahnkranz | 2 | 5BHMBDA-DA-D-Z4 | A1 | 1.0503 (C45) | | 6310.795 |
| Pos. | Teilename | Stk. | Znr./Norm/Bestnr. | Ind. | Werkstoff | Rohmaß | Masse [kg] |
| Allgemeintoleranz ÖNORM EN 22768 - 1/2 m K | | 5BHMBDA | Name | Datum | Benennung: <div>  </div> | | |
| | | gezeichnet | Fabian Hochecker | 20.12.2021 | | | |
|  | Maßstab | 2D-Name | Zahnkranz | Zahnkranz | | | |
| | 1:2 | 3D-Name | Zahnkranz4 | | | | |
| A3 | Blatt: 1 von 1 | V3.01 | © by: Mertz, 2016-2021 | | ZeichnungsNr. | 5BHMBDA-DA-D-Z4 | Index A1 |

| Maß | Passung | | |
|-----|---------|--------|-------|
| Ø 8 | H7 | +0,015 | 8,015 |
| | | 0 | 8 |