



## ROTA-S 2.0 self-centring three-jaw chuck with short taper and base and hard top jaws, DIN 702-3, Type: 160/5



### Order data

Order number	313137 160/5
GTIN	2050001928870
Item class	33U

### Description

#### Version:

- **Maximum concentricity and jaw exchange repeatability.**
- **Long service life with very high precision.**
- **Modular protective sleeve system.**
- **Very short set-up times.**
- **Chuck body case-hardened up to 315 mm Ø.**
- **Large aperture (dimension E!).**
- **Safety peg for maximum operator safety.**
- **Base jaws compatible with chucks of the system "F" and system "Duro".**
- **Flexible clamping of small and large components.**
- **High-precision clamping of very small internal Ø.**

#### Application:

For spindle noses DIN 55027 with studs and collar nuts. The chuck is always fitted to the spindle nose directly without an intermediate flange.

#### Standard:

**DIN 702-3.**

#### Material:

Entirely made of steel, suitable for high speeds (see table).

**Supplied with:**

1 safety chuck key and 1 set fastening screws.

1 set base jaws and hard top jaws.

**Optional extras:**

**For spare and additional jaws** see No. 313200 – 313350.

---

**Technical description**

Centring taper $\varnothing$ B	82.575 mm
Clamping range with external hard top jaws	5 - 170 mm
External $\varnothing$ A	165 mm
Aperture E	42 mm
Number of studs	4
Clamping range with internal hard top jaws	65 - 186 mm
Size of studs	M10
Short taper arbor	5
Clamping stroke per jaw S	6.5 mm
Weight	9.6 kg
Type	160
maximum speed	5400 min <sup>-1</sup>
Chuck key hexagon socket K	12 mm
Series	ROTA-S plus
Standard	DIN 702-3
Colour code for accessories	Schunk self-centring chucks and jaws
Type of product	Self-centring chucks

---

**Accessories**

Hardened top jaw set, 3 pieces for chuck type 160	313250 160
Base jaw set, 3 pieces, angled serration for chuck type 160	313200 160
Hardened top jaw set, 3 pieces for chuck type 160	313210 160

Base jaw set, 3 pieces,angled serration for chuck type 160	313205 160
Base jaw set, 3 pieces,straight serration for chuck type 160	313207 160