



Self-centring three-jaw chuck ROTA-S 2.0 with short taper and scroll stepped jaws, DIN 702-3, Type: 160/5



Order data

Order number	313135 160/5
GTIN	2050001928801
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 scroll stepped jaws.

Optional extras:

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

Colour code for accessories: Schunk self-centring chucks and jaws

Clamping range with external hard top jaws: 5 - 170 mm

Clamping range with internal hard top jaws: 65 - 186 mm

Clamping stroke per jaw S: 6.5 mm

External Ø A: 165 mm

Aperture E: 42 mm

Centring taper Ø B: 82.575 mm

Technical description

Type	160
External Ø A	165 mm
Short taper arbor	5
maximum speed	5400 min ⁻¹
Clamping stroke per jaw S	6.5 mm
Centring taper Ø B	82.575 mm
Aperture E	42 mm
Size of studs	M10
Clamping range with external hard top jaws	5 - 170 mm
Number of studs	4
Clamping range with internal hard top jaws	65 - 186 mm
Weight	9.6 kg
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

Base jaw set, 3 pieces, angled serrations for chuck type 160	313200 160
Base jaw set, 3 pieces, straight teeth for chuck type 160	313207 160
Hardened top jaw set, 3 pieces for chuck type 160	313210 160
Base jaw set, 3 pieces, angled serrations for chuck type 160	313205 160
Hardened top jaw set, 3 pieces for chuck type 160	313250 160