



ROTA-S-plus 2.0 self-centring three-jaw chuck with base and hard top jaws, DIN 702-4, Type: 160



Order data

Order number	313117 160
GTIN	2050001928757
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.**

Callout:

Hardened, extremely stiff and polished chuck body.

Base jaws with angled serrations.

Special shape with spray edge.

Push button for jaw change.

Jaw locking (3 times – apart from size 400).

Engagement pin for pre-positioning of the base jaw.

Actuation by means of a wrench

Application:

For machines with recessed mount or for mounting by means of flange. Secured with screws from the front. The flange blanks must always be fitted first to the machine and then matched to the chuck.

Standard:

DIN 702-4.

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.

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

Chuck height D: 68.5 mm

Technical description

Clamping range with internal hard top jaws	65 - 186 mm
Clamping range with external hard top jaws	5 - 170 mm
Clamping stroke per jaw S	6.5 mm
Weight	7.9 kg
Centring Ø B	145 mm
Type	160
Aperture E	42 mm
Chuck key hexagon socket K	12 mm
External Ø A	165 mm
maximum speed	5400 rpm
Chuck height D	68.5 mm
Series	ROTA-S plus
Standard	DIN 702-4

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