SCHUNK

TRIBOS-Mini SVL Set cylindrical, Clamping ØD1: 3mm

Order data

Order number	302381 3
GTIN	2050002076822
Item class	33U

Description

Version:
By using TRIBOS SVL extensions, standard cutting tools can be used instead of expensive special tools. The extension with concentricity of < 0.003 mm and a slender interference contour can be combined with a wide variety of chucks. The TRIBOS SVL extensions have already been proven for use in the medical, watch and jewellery industries, as well as in the automotive and electronics industries.
Advantage:
- **Optimised interference contour – ideal for bores in low-lying areas, e.g. in fixture construction.**
- **Axial length adjustment – length adjustment in the range of 0.01 mm accuracy, with adjustment travel of 10 mm.**
- **For the smallest diameters from 0.3 mm – economical for the most delicate machining operations without special tools.**
- **Flexible to use – suitable for hydraulic chucks and ER collet chucks.**
- **All commercially available shank types can be mounted (HA, HB, HE).**
- **Excellent vibration damping – avoidance of micro break-outs, top workpiece surfaces, less stress on the headstock, increase to tool life and thus reduction in costs.**
- **High speeds possible – up to 52,000 rpm.**

Function:
The TRIBOS SVP clamping devices make the polygon-shaped clamping diameter of the extension round and the tool shank can be easily inserted. If the pressure on the clamping

diameter decreases, it becomes polygonal again and clamps the inserted tool shank reliably and accurately.

Supplied with:

5 × extension No. 302383 (size of your choice), 1 × clamping device No. 302384 size 9, 1 × HOLEX activation wrench No. 627501 size 6.

Optional extras:

TRIBOS-MINI SVP assembly jig No. 302386.

Technical description

Length L	100 mm
External ⌀ D	11 mm
L_1	24 mm
L_2	22.5 mm
Shank ⌀ D_s	12 mm
⌀ D_2	9 mm
Clamping ⌀ D_1	3 mm
Through-coolant	yes
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Type of product	Extension