

The original KOSTYRKA clamping sleeve

The principle: Brilliantly simple, simply brilliant

The main items of every KOSTYRKA® clamping sleeve are flexible bushes made from a metal-plastic composite. They are axially held in housings and surround the part and clamp it by applying pressure oil to the sleeve jacket. Especially interesting: The oil pressure is converted loss- and reaction-free into a radially acting clamping force. The sleeves spring back elastically to their starting position after the oil pressure is removed, and the previously clamped part is released again. The surfaces of the clamped parts are not damaged with this adherence-actuated form of power transmission.

The development of modern machine tools was decisively influenced by the use of the KOSTYRKA® clamping sleeve. It enables extremely high holding forces, is designed for overall program-controlling, opens and closes at lightning speed and supports the designer with its unique compact concept. No wonder KOSTYRKA has delivered hundreds of thousands of clamping sleeves to machine and fixture manufacturers worldwide until today.



Precise and non-wearing

Precision and longevity of the KOSTYRKA® clamping sleeves are a prerequisite for smooth manufacturing. It's just not that easy to disassemble and reassemble a 2500 tons press overnight for repairs. The high customer expectations for product quality ensure the use of modern manufacturing and control procedures. Then they can depend on reliable operation day after day and year after year.

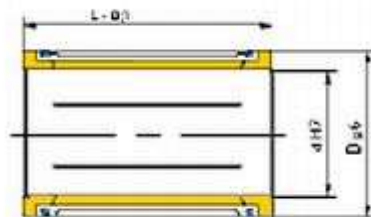
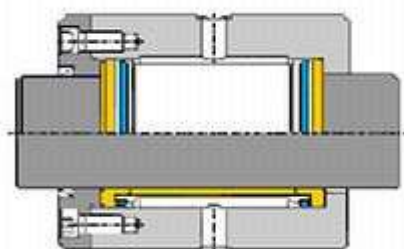
Diameter from 6 to over 1800 mm, pressure up to 600 bar

Clamping Sleeves - the principle



- 1 Part to be clamped
- 2 Seal
- 3 Oil feed
- 4 Venting
- 5 Plastic jacket
- 6 Slitted metal cylinder
- 7 Housing

Standard sizes



Type	d	D	L
5350.010.040	10	20 mm	40 mm
5350.015.050	15	25 mm	50 mm
5350.020.045	20	30 mm	45 mm
5350.020.065	20	30 mm	65 mm
5350.025.060	25	35 mm	60 mm
5350.025.080	25	35 mm	80 mm
5350.030.058	30	40 mm	58 mm
5350.030.100	30	40 mm	100 mm
5350.035.080	35	45 mm	80 mm
5350.040.070	40	50 mm	70 mm
5350.040.100	40	50 mm	100 mm
5350.045.100	45	55 mm	100 mm
5350.050.100	50	65 mm	100 mm
5350.060.100	60	75 mm	100 mm
5350.070.120	70	85 mm	120 mm
5350.080.100	80	100 mm	100 mm
5350.080.120	80	100 mm	120 mm
5350.100.140	100	125 mm	140 mm
5350.120.115	120	140 mm	115 mm
5350.150.140	150	175 mm	140 mm



KOSTYRKA® clamping sleeves can be produced in any dimension according to customer requirements.