

# SLZC - extremely compact design



### APPLICATION

Support of shafts for rational turning and end machining optimal for pipe materials.

### TYPE

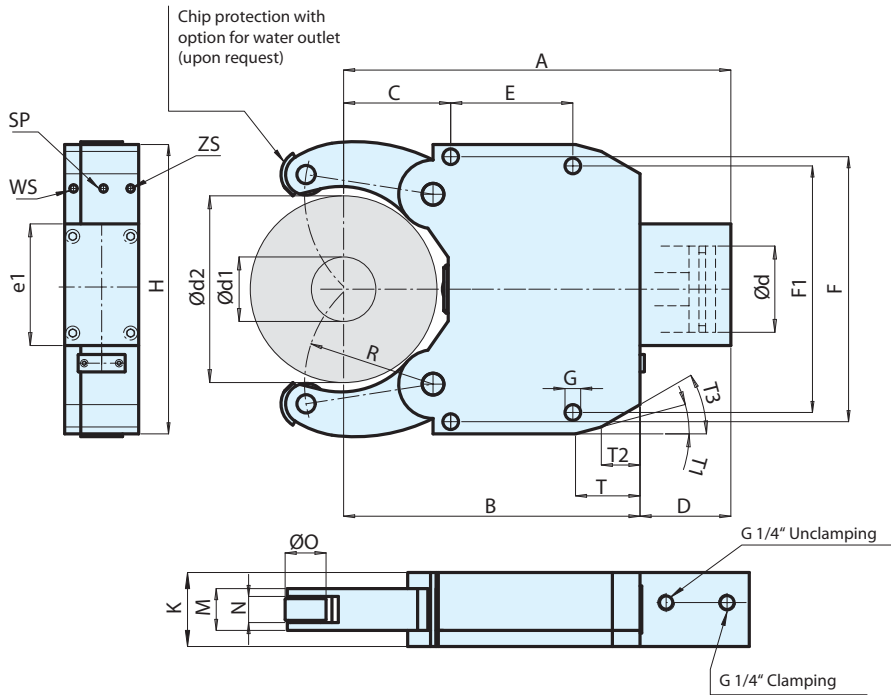
Compact series with extra large clamping ranges.

### CUSTOMER BENEFITS

- ④ Extra large clamping range without change elements
- ④ Integrated channels for rinsing the workpiece in the contact area with coolant connection on the rear side
- ④ Operational safety thanks to safety valve, even if pressure drops
- ④ Extremely compact and sturdy design for variable use
- ④ High centering precision and repeatability thanks to proven cam lever system
- ④ Resilient chip protection for optimal workpiece wiping (for version „with chip protection“)
- ④ Purge air connection to prevent penetration of dirt inside the steady rest

### TECHNICAL FEATURES

- Central lubrication or manual lubrication possible, depending on the operating conditions
- Standard version available with cylindrical or convex rollers
- Available with and without chip protection
- Prepared for end position check, except SLZ-047 (limit switch not included in the scope of delivery)



Self-centering steady rests SLZC

# SLZC - extremely compact design

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**Self-centering steady rests SLZC - oil or air operated**, extremely compact design, developed for minimum mounting dimensions

Clamping ranges type	SLZC 60280	SLZC 80390	SLZC 100410	SLZC 135460	SLZC 215510
Clamping range - without chip protection mm	60-280	80-390	100-410	135-460	215-520
With chip protectors RZ	<b>1685616 ▲</b>	<b>1685620 ▲</b>	<b>1685624 ▲</b>	<b>1685628 ▲</b>	<b>1685632 ▲</b>
With chip protectors RB	<b>1685617 ▲</b>	<b>1685621 ▲</b>	<b>1685625 ▲</b>	<b>1685629 ▲</b>	<b>1685633 ▲</b>
Without chip protectors RZ	<b>1685618 ▲</b>	<b>1685622 ▲</b>	<b>1685626 ▲</b>	<b>1685630 ▲</b>	<b>1685634 ▲</b>
Without chip protectors RB	<b>1685619 ▲</b>	<b>1685623 ▲</b>	<b>1685627 ▲</b>	<b>1685631 ▲</b>	<b>1685635 ▲</b>
d1 mm	60	80	100	135	215
d2 mm	280	390	410	460	520
A mm	580	755	763	816	817
B mm	450	607	617	670	685
C mm	168	230	240	215	245
D mm	130	148	146	146	132
E mm	180	240	240	330	300
F mm	360	445	445	640	640
F1 mm	360	445	445	610	610
G mm	23	23	23	27	27
H mm	400	485	485	680	680
K mm	125	150	150	150	150
Clamping arm width M mm	60	75	75	75	75
Roller width N mm	40/35	45/40	45/40	29	29
O mm	52	60	60	80	80
R mm	200	265	275	290	310
d mm	90	100	100	120	120
e1 mm	184	194	194	215	215
T mm	100	130	130	150	150
T1	15°	15°	15°	15°	20°
T2 mm	61	50	50	77	85
T3 mm	30°	30°	30°	30°	30°
Weight kg	85	170	170	390	380
ZS	G 1/8"	G 1/8"	G 1/8"	G 1/8"	G 1/8"
SP	G 1/8"	G 1/8"	G 1/8"	G 1/8"	G 1/8"
WS	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"
Operating pressure bar	8-70	8-80	8-80	8-80	8-80
Max. permissible clamping force per roller N	14500	20000	20000	25000	25000
Centering accuracy over the entire clamping range mm	0,05*	0,06*	0,06*	0,06*	0,06*
Repeat accuracy mm	0,007*	0,01*	0,01*	0,01*	0,01*
Max. roller peripheral speed m/min	715	700	700	700	700

<sup>1)</sup> At constant pressure and clamping force  
Water connection (WS) on request