

relax and allow us  
to take control

## Spring Clamp

Pressure 210 - 280 bar

FSZ spring clamps have proved to be a compact, maintenance-free clamping element for static and dynamic applications wherever you want to realise the loosening and clamping from a central spot.

To release the spring clamp an intergrated hydraulic cylinder compresses a set of saucer springs and thus relieves the clamping rod. As you reduce the oil pressure the saucer springs safely provide the required gripping power.

Type FSZ	Volume Stroke at 1 mm Stroke [cm³]	Bottom ø [mm]	Required Operation Height [mm]	Tension Rod	L ø [mm]	Pieces x screws
52 A	2,61	115	165	M16	97	8 x M8
52 B				M20		
60 A	2,83	130	205	M24	110	8 x M8
60 B				M20		
180 A	4,54	170	269	M20	146	12 x M10

Type	Pressure [bar]	Gripping Force [kN]	Stroke [mm]
FSZ 52 A FSZ 52 B	210	54,83	2,85
	230	60,05	3,15
	250	65,28	3,43
	280	73,11	3,84
FSZ 60 A FSZ 60 B	210	59,37	3,52
	230	65,02	3,82
	250	70,68	4,18
	280	79,16	4,74
FSZ 180 A	210	190,68	4,56
	230	208,84	5,03
	250	227,00	5,52

