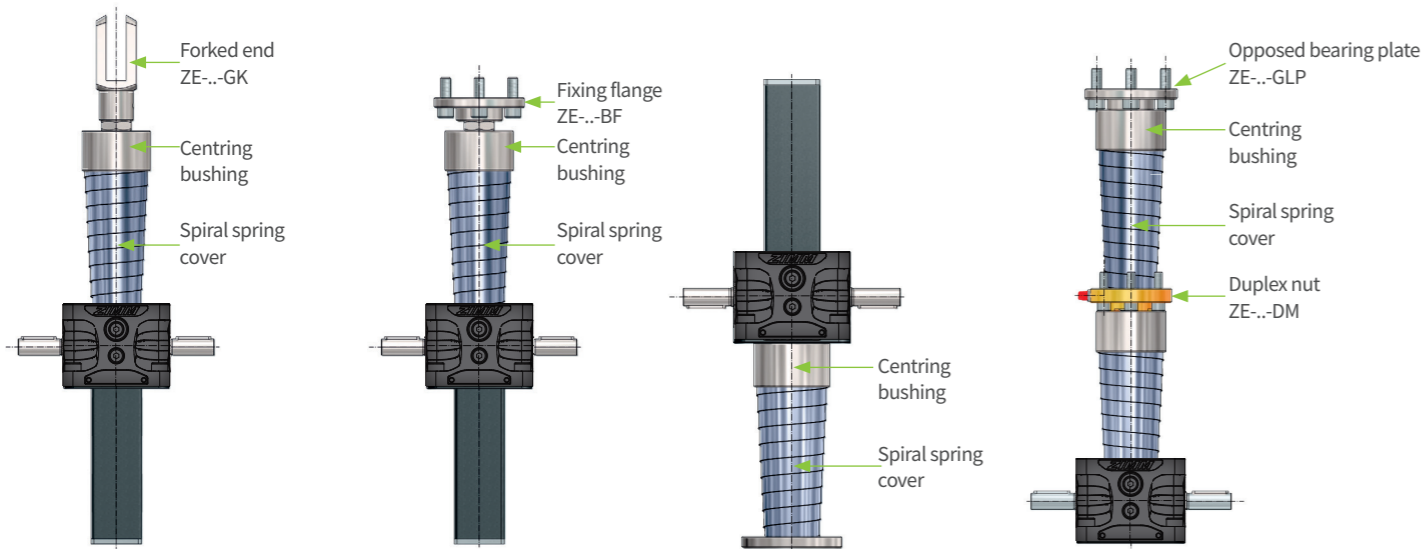


S R Accessories
Spiral spring SF | Add-on component for translating and rotating version



Spiral spring cover attachment for types SN/SL

Spiral spring cover attachment for types RN/RL



Fitting instructions:

The SF spiral spring is usually used when the use of a bellows is not possible. For example, when sharp-edged chips accumulate or if mechanical protection of the spindle is necessary. Centring bushings are required when assembling combinations of different parts; we can include these in our quotation on request.

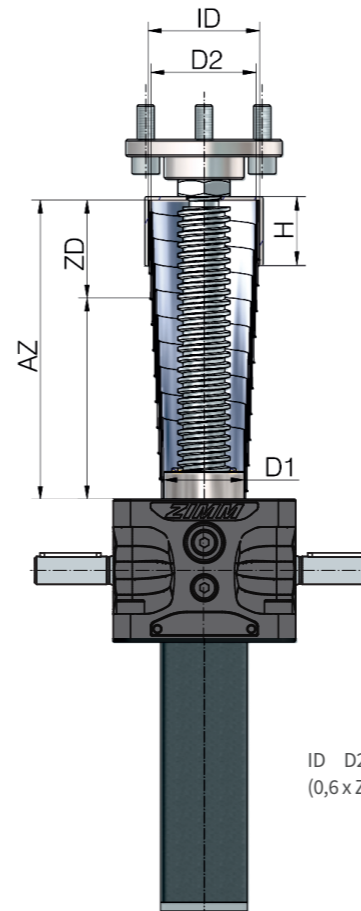
IMPORTANT!

Spiral springs must under no circumstances be allowed to uncoil. For technical reasons, please specify in your enquiry whether the spiral spring is to be installed horizontally or vertically.

If installation is to be vertical, we recommend that the larger diameter is at the top, as shown; if it is to be horizontal, the taper should be away from the direction of flow of the chips or other particulate. As a result, the SF has a self-cleaning effect under normal conditions due to overlapping of the windings.

In the case of heavy soiling, regular cleaning is necessary to prevent malfunctions. A slight film of oil on the spiral spring improves its operation and extends its service life.

S R Accessories
Spiral spring SF | Cover for standing and rotating version



Technical data

Spiral spring SF: Spring band steel, blued (on request we can also supply versions in stainless steel)
Centring bushing SFZ: Plastic (other materials on request)
CAUTION!: The spring travel quoted is the maximum possible. For practical operation, please allow a margin of safety to prevent damage! We recommend preparation of a drawing to determine the fitting position and dimensions of spiral springs. Other sizes of spiral springs are available on request.

Ordering example: SF-030-0450-030-H SFZ-ID57-H20



*For horizontal installation, this value is reduced by up to 1/3 depending on the size of the spiral spring. The max. stroke according to the table must be observed.

Size ZE-5 - SF (Screw jack)					Centring bushing SFZ			
Code	D1	D2	ZD	Stroke	kg	ID	AD	H
030-0450-030-V	30	53	30	420	0,3	57	61	20
030-0450-030-H	30	53	30	360	0,3	57	61	20

Size ZE-10 - SF (Screw jack)					Centring bushing SFZ			
Code	D1	D2	ZD	Stroke	kg	ID	AD	H
040-0450-040-V	40	64	40	410	0,53	69	73	30
040-0450-040-H	40	64	40	350	0,53	69	73	30
040-0900-060-V	40	70	60	840	1,09	74	78	36
040-0900-060-H	40	70	60	720	1,09	74	78	36
040-1300-075-V	40	84	75	1225	2,2	88	92	50
040-1300-075-H	40	84	75	1075	2,2	88	92	50

Size ZE-25 - SF (Screw jack)					Centring bushing SFZ			
Code	D1	D2	ZD	Stroke	kg	ID	AD	H
050-0450-050-V	50	70	50	400	0,64	74	78	36
050-0450-050-H	50	70	50	300	0,64	74	78	36
050-0750-060-V	50	80	60	690	1,07	84	88	40
050-0750-060-H	50	80	60	570	1,07	84	88	40
050-1200-075-V	50	94	75	1125	2,45	98	104	50
050-1200-075-H	50	94	75	975	2,45	98	104	50
050-1500-100-V	50	88	100	1400	2,7	92	96	60
050-1500-100-H	50	88	100	1300	2,7	92	96	60

Size ZE-35, ZE-50 - SF (Screw jack)					Centring bushing SFZ			
Code	D1	D2	ZD	Stroke	kg	ID	AD	H
065-0450-050-V	65	88	50	400	0,64	92	96	35
065-0450-050-H	65	88	50	300	0,64	92	96	35
065-1100-075-V	65	107	75	1025	2,5	112	118	60
065-1100-075-H	65	107	75	825	2,5	112	118	60
065-1500-100-V	65	108	100	1400	3,8	112	118	60
065-1500-100-H	65	108	100	1300	3,8	112	118	60
065-2100-120-V	65	113	120	1980	5,65	118	124	80
065-2100-120-H	65	113	120	1740	5,65	118	124	80

Size ZE-50/Tr50, ZE-100 - SF (Screw jack)					Centring bushing SFZ			
Code	D1	D2	ZD	Stroke	kg	ID	AD	H
090-0650-075-V	90	124	75	575	2,8	128	134	50
090-0650-075-H	90	124	75	425	2,8	128	134	50
090-1300-100-V	90	132	100	1200	4,9	136	142	60
090-1300-100-H	90	132	100	1000	4,9	136	142	60

ZE-50/Tr50 = increased screw (ZE-50-S with 50x8-Screw instead of 40x7).

Size ZE-150 - SF (Screw jack)					Centring bushing SFZ			
Code	D1	D2	ZD	Stroke	kg	ID	AD	H
100-0800-075-V	100	138	75	725	3,7	143	149	51
100-0800-075-H	100	138	75	575	3,7	143	149	51
100-1500-100-V	100	146	100	1400	6	150	156	75
100-1500-100-H	100	146	100	1200	6	150	156	75

CAUTION! The spring travel quoted is the maximum possible. For practical operation, please allow a margin of safety to prevent damage! We recommend preparation of a drawing to determine the fitting position and dimensions of spiral springs. Other sizes of spiral springs are available on request.