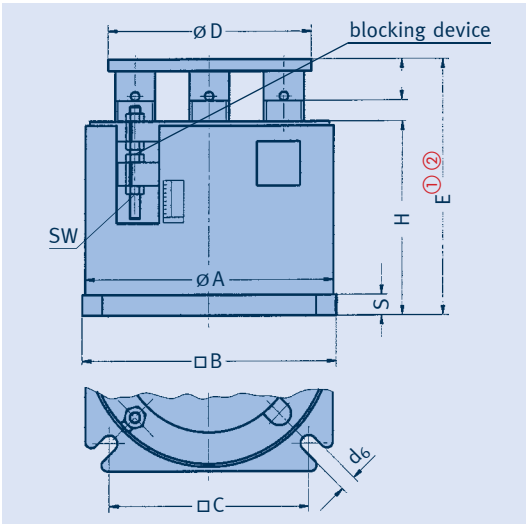
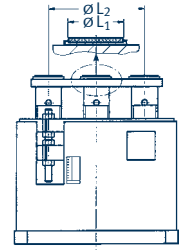


Heavy duty spring supports Type 28



Spring support type 28 11 19 to 28 53 19



When slide plates are used, the sliding surfaces of the clamp base used should be fitted with stainless steel plating. This is indicated by the suffix "SP" in the type designation (e.g. clamp base type 49 97 14-SP).

type ②	$\varnothing A$	$\square B$	$\square C$	$\varnothing D$	d_6	E ①②	F	H	S	SW	weight [kg]
28 11 19	510	530	440	420	33	405	60	330	25	46	230
28 12 19	510	530	440	420	33	535	60	450	25	46	260
28 13 19	510	530	440	420	33	835	60	730	25	46	360
28 21 19	560	580	490	420	33	450	65	370	25	46	310
28 22 19	560	580	490	420	33	585	65	500	25	46	350
28 23 19	560	580	490	420	33	880	65	775	25	46	460
28 31 19	610	630	530	450	33	460	65	380	25	46	380
28 32 19	610	630	530	450	33	595	65	510	25	46	430
28 33 19	610	630	530	450	33	890	65	785	25	46	555
28 41 19	610	630	530	450	39	505	70	425	30	55	440
28 42 19	610	630	530	450	39	685	70	595	30	55	520
28 43 19	610	630	530	450	39	1075	70	965	30	55	740
28 51 19	610	630	530	480	39	560	75	475	35	65	495
28 52 19	610	630	530	480	39	750	75	655	35	65	580
28 53 19	610	630	530	480	39	1135	75	1020	35	65	785

① Dimension 'E' is independent of the load adjustment; it changes on loading by the respective spring travel (see load table p. 2.6). Adjustment possibility + 30mm.

② Type 28 is supplied as standard with a coated load plate without slide plate. When slide plates are used, the 'E' dimension increases by 2mm. Please note following tables.

type 28* with slide plate up to 180°C	$\varnothing L_1$	$\varnothing L_2$
28 1. 17	80	300
28 2. 17	80	300
28 3. 17	110	310
28 4. 17	110	310
28 5. 17	150	300

type 28* with slide plate up to 350°C	$\varnothing L_1$	$\varnothing L_2$
28 1. 16	80	300
28 2. 16	80	300
28 3. 16	110	310
28 4. 16	110	310
28 5. 16	150	300

* friction values of slide plates, see table on p. 7.11.



Typical application



Order details:
spring supports type 28 ...
marking: ...
set load: ...kN
travel: ...mm up/down