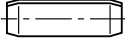
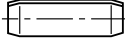






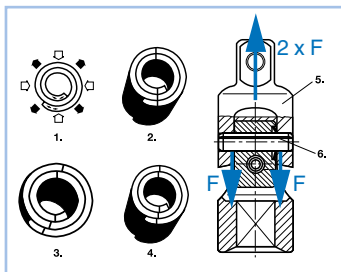


**Static shear loads for spring-pin joints**

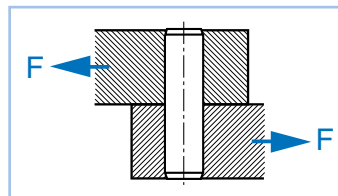
Ø-nominal [mm]	Spiral spring pins		Slotted spring pins	
	standard duty according to ISO 8750	heavy duty according to ISO 8748	heavy duty according to ISO 8752	light duty according to ISO 13337
			up to 8 mm Ø-nominal   from 10 mm Ø-nominal 	up to 8 mm Ø-nominal   from 10 mm Ø-nominal 
	<b>Spring steel hardened and tempered 420 to 545 HV</b>		<b>Spring steel hardened and tempered 420 to 560 HV</b>	
0,8	0,2	–	–	–
1	0,3	–	0,35	–
1,2	0,45	–	–	–
1,5	0,72	0,95	0,79	–
2	1,25	1,75	1,41	0,75
2,5	1,95	2,75	2,19	1,2
3	2,25	3,8	3,16	1,75
3,5	3,75	–	4,53	2,3
4	4,8	6,75	5,62	4
4,5	–	–	7,68	4,4
5	7,5	10	8,77	5,2
6	11	15	13	9
8	19,5	26,5	21,38	12
10	31	42	35,08	20
12	44,5	60	52,07	24
13	–	–	57,55	33
14	60	82,5	72,36	42
16	77,5	105	85,51	49
18	–	–	111,27	63
20	125	170	140,32	79

**Spiral spring pins**

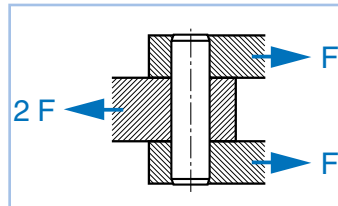


1. Radial elasticity in schematic representation
2. Pin before inserting
3. Inserted pin
4. Pin knocked out with coils reverted to original position
5. Universal joint for socket wrench
6. Spiral pin

**Single lap joint**



**Double lap joint**



**Slotted spring pins positioning**

