

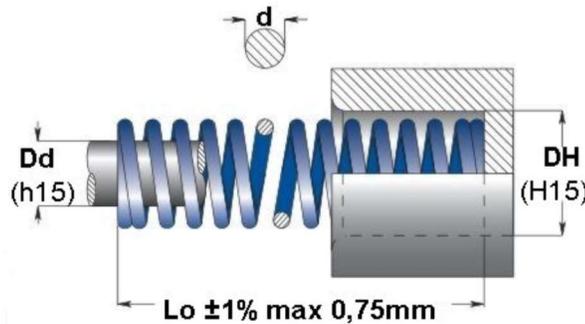


# FR2

Farbe: blau

## Spiralfeder

für mittlere Belastungen



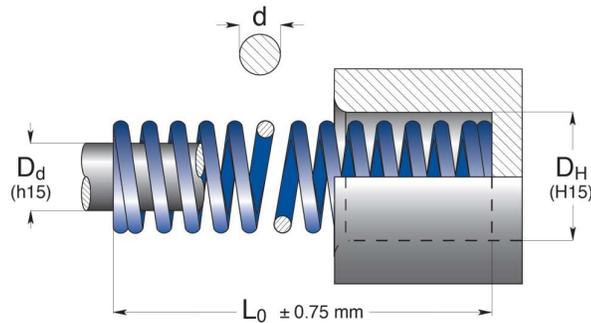
Code	D <sub>H</sub>	D <sub>d</sub>	L <sub>0</sub>	R	A	B	C	D	E				
	Hole Diameter	Rod Diameter	Free Length	Spring Constant						25% L <sub>0</sub>	30% L <sub>0</sub>	33.75% L <sub>0</sub>	37.5% L <sub>0</sub>
	d			± 10%	+ 3.000.000	~ 1.500.000	300 - 500.000	100 - 200.000					
	mm	mm	mm	N/mm	mm	N	mm	N	mm	N	mm	mm	
FR-10025-2	10	5	25	12.3	6.3	77	7.5	92	8.4	104	9.4	115	10.4
FR-10032-2			32	9.5	8.0	76	9.6	91	10.8	103	12.0	113	13.2
FR-10038-2			38	7.8	9.5	74	11.4	88	12.8	100	14.3	111	16.0
FR-10044-2			44	6.5	11.0	72	13.2	86	14.9	97	16.5	108	18.5
FR-10051-2			51	5.6	12.8	72	15.3	86	17.2	96	19.1	108	21.1
FR-10064-2			64	4.5	16.0	71	19.2	86	21.6	97	24.0	107	26.4
FR-10076-2			76	3.7	19.0	70	22.8	84	25.7	95	28.5	105	31.8
FR-10305-2	1.5		305	0.9	76.3	68	91.5	82	103	93	114	102	129
FR-13025-2	12.5	6.3	25	21.7	6.3	136	7.5	163	8.4	183	9.4	204	11.2
FR-13032-2			32	16.8	8.0	134	9.6	161	10.8	181	12.0	202	14.0
FR-13038-2			38	13.8	9.5	131	11.4	158	12.8	177	14.3	197	17.3
FR-13044-2			44	11.6	11.0	127	13.2	153	14.9	172	16.5	191	19.8
FR-13051-2			51	10.0	12.8	127	15.3	153	17.2	172	19.1	191	22.9
FR-13064-2			64	7.8	16.0	125	19.2	150	21.6	168	24.0	187	28.4
FR-13076-2			76	6.4	19.0	122	22.8	146	25.7	164	28.5	183	34.3
FR-13089-2	89	5.6	22.3	125	26.7	150	30.0	168	33.4	188	41.4		
FR-13305-2	1.8		305	1.5	76.3	118	91.5	141	103	154	114	176	139
FR-16025-2	16	8	25	31.9	6.3	199	7.5	239	8.4	269	9.4	299	10.9
FR-16032-2			32	24.0	8.0	192	9.6	230	10.8	259	12.0	288	13.7
FR-16038-2			38	19.4	9.5	185	11.4	222	12.8	249	14.3	277	16.5
FR-16044-2			44	16.1	11.0	177	13.2	213	14.9	239	16.5	266	19.3
FR-16051-2			51	13.8	12.8	176	15.3	212	17.2	238	19.1	265	22.1
FR-16064-2			64	10.7	16.0	171	19.2	205	21.6	231	24.0	256	27.4
FR-16076-2			76	8.8	19.0	166	22.8	200	25.7	226	28.5	250	33.0
FR-16089-2	89	7.5	22.3	167	26.7	200	30.0	225	33.4	250	38.6		
FR-16102-2	102	6.5	25.5	167	30.6	200	34.4	224	38.3	250	44.5		
FR-16305-2	2.2		305	2.1	76.3	159	91.5	191	103	216	114	238	134



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## Spiralfeder für mittlere Belastungen



Code	$D_H$	$D_d$	$L_0$	R	A	B	C	D	E				
	Hole Diameter	Rod Diameter								Free Length	Spring Constant	25% $L_0$	30% $L_0$
	d				mm	N	mm	N	mm	N	mm	N	mm
<b>TB 6 - 016</b>	6.3	3.9	16	4.7	4.0	18.8	4.8	22.6	5.4	25.4	6.0	28.2	6.7
<b>TB 6 - 025</b>			25	2.9	6.3	17.8	7.5	21.4	8.4	24.0	9.4	26.7	10.1
<b>TB 6 - 038</b>			38	1.8	9.5	17.5	11.4	21.0	12.8	23.6	14.3	26.2	14.4
<b>TB 6 - 051</b>			51	1.5	12.8	18.7	15.3	22.5	17.2	25.3	19.1	28.1	18.7
<b>TB 8 - 016</b>	8.3	5.5	16	5.4	4.0	21.5	4.8	25.8	5.4	29.1	6.0	32.3	6.9
<b>TB 8 - 025</b>			25	3.6	6.3	22.8	7.5	27.3	8.4	30.7	9.4	34.1	9.5
<b>TB 8 - 038</b>			38	2.4	9.5	22.9	11.4	27.5	12.8	30.9	14.3	34.3	13.9
<b>TB 8 - 051</b>			51	1.9	12.8	24.4	15.3	29.2	17.2	32.9	19.1	36.5	18.4