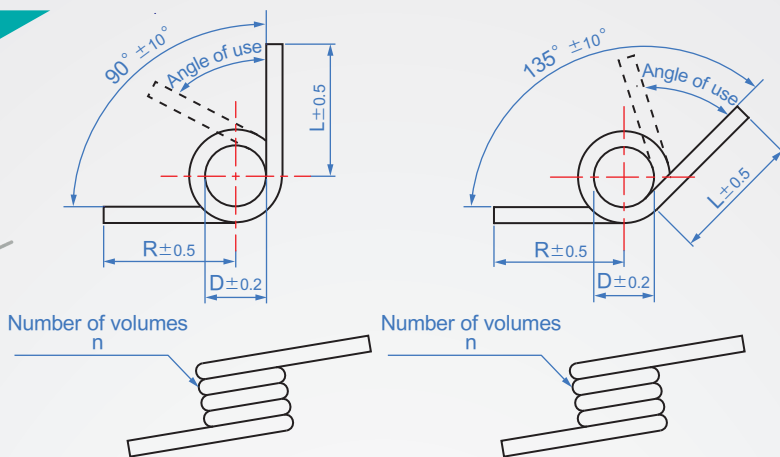
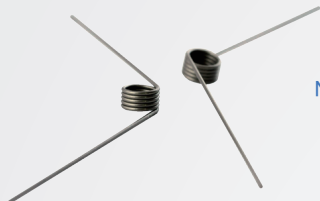


# Torsion springs CD162



### Material

SUS-WP  
JIS G 4314

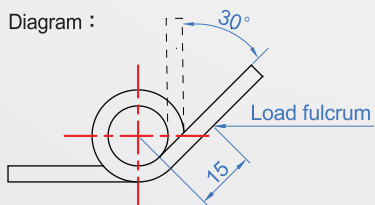
The size chart is the right volume icon.

### How to order

CD162 - 90R - 2 - 3 - 0.2  
TYPE Arm angle D n d

1 Arm angle (Deg°)	2 D	3 n	4 d	Arm length (L、R)	Spring coefficient (N · mm/Deg°)		Max. angle of use (Deg°)	
					90°	135°	90°	135°
90R (Right volume)	2	2	0.2	20	0.012	0.012	41	40
		3	0.2		0.056	0.059	26	25
		4	0.3		0.009	0.009	59	58
		5	0.3		0.043	0.044	38	36
		5	0.4		0.035	0.035	52	50
	3	2	0.3	30	0.039	0.040	40	38
		3	0.3		0.120	0.125	30	27
		4	0.4		0.030	0.030	56	54
		5	0.4		0.091	0.094	42	40
		5	0.5		0.074	0.076	55	53
	90L (Left volume)	4	2	40	0.092	0.096	39	37
			3		0.4	0.221	0.230	29
4		0.5	0.070		0.072	56	54	
5		0.5	0.168		0.173	42	41	
5		0.6	0.136		0.139	57	54	
135R (Right volume)	5	4	50	0.276	0.283	48	47	
		5		0.5	0.114	0.116	69	67
	3	0.6		0.232	0.236	60	59	
	4	0.6		0.179	0.187	39	36	
	5	0.8		0.367	0.382	31	30	
135L (Left volume)	6	2	60	0.137	0.141	55	52	
		3		0.5	0.280	0.288	47	44
		4		0.6	0.226	0.231	60	58
		5		0.6	0.694	0.711	42	41
		5		0.8	0.189	0.193	75	73
	2	3	0.8	0.581	0.593	54	53	
		4	0.6	0.310	0.322	37	36	
		5	0.8	0.960	0.998	26	25	
		4	0.8	0.236	0.244	56	52	
		5	1	0.730	0.752	38	36	
3	5	0.8	0.589	0.604	50	48		
	4	1	1.405	1.439	42	40		
	5	0.8	0.494	0.504	63	61		
	5	1	1.177	1.201	51	50		

※ Use curl rebound direction, the max. angle of use 70% or less is the best.



Example : CD162-2-2-0.2 Use 30°  
Center away from the load fulcrum 15mm.

$$0.024N = \frac{0.012 \times 30}{15}$$

◆ Load =  $\frac{\text{Modulus of elasticity} \times \text{Angle}}{\text{The inner diameter of the center away from the load fulcrum}}$