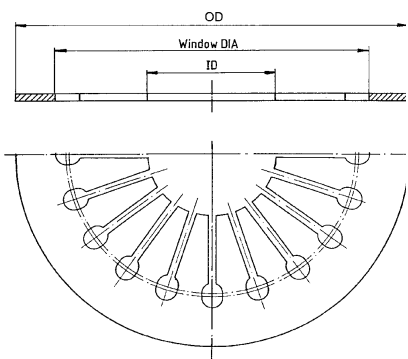


Diaphragm springs for automotive clutches

The list below shows the characteristic dimensions of our diaphragm springs for car, truck and tractor clutches. It has been compiled from the toolmaker's point of view, i.e. dimensions which can easily be adapted for individual application - such as thickness, free height, etc. - have been omitted. For the ID, only one figure is given for reference, even though there may be a number of different sizes for a group of springs having the same OD and

window diameter. The ID can easily be changed for each individual case. The same applies to the OD, depending on the individual tooling set-up. Please note that all dimensions listed are for springs in flat condition. When cross-referencing spring dimensions, measurements should always be based on the flat state, as this is the only way to remove inaccuracies caused by varying spring heights.

If you are unable to find the size you are interested in, please contact us. To enable us to assess your requirements more accurately, please fax us a drawing or mail us a sample; we will then contact you back immediately with appropriate details of our product offering.



Diaphragm springs for Automotive Clutches Dimensional Tables

OD (mm)	ID (mm)	Window DIA (mm)	No. Windows	Window width W (mm)	Window Shape (see sketch)
146.00	40.00	113.00	18	9.00	2
154.00	40.00	120.00	18	7.00	5
156.00	26.00	120.00	18	9.00	1
164.00	28.00	120.00	18	8.50	2
161.60	38.20	122.80	12	15.00	4
165.00	25.00	123.50	18	9.00	2
162.00	28.00	125.50	18	9.00	2
164.20	38.00	128.00	18	8.00	6
168.00	29.00	129.50	18	10.70	1
172.80	39.80	130.30	18	9.00	1
169.00	28.00	133.00	18	9.00	1
180.50	41.50	133.50	18	9.00	1
174.00	26.00	134.00	18	11.00	1
175.20	28.00	134.00	12	18.00	4
185.00	42.50	139.50	16	8.70	2
184.50	40.00	144.50	18	11.00	3
185.00	35.00	147.00	18	9.00	2
185.50	38.50	147.00	18	9.00	2
185.50	39.50	147.00	18	10.40	2
188.90	47.00	147.30	18	11.20	2
188.50	45.50	147.50	18	11.00	2
200.50	44.40	147.50	18	11.00	2
188.00	59.00	148.00	20	10.30	1
199.00	47.00	148.50	18	11.00	3
190.00	106.00	149.00	18	12.00	5
190.00	130.00	149.00	18	12.00	5

OD (mm)	ID (mm)	Window DIA (mm)	No. Windows	Window width W (mm)	Window Shape (see sketch)
192.50	39.00	150.00	18	11.00	1
195.00	28.00	150.00	18	11.00	1
195.00	41.00	153.50	18	9.00	1
192.00	34.00	154.00	18	8.00	1
195.00	41.00	157.00	18	10.40	2
201.00	36.80	157.00	18	10.40	2
213.00	45.00	165.00	18	11.00	2
220.50	77.00	165.65	24	8.00	2
210.00	50.00	169.70	18	11.00	2
210.70	45.70	170.70	18	11.00	1
220.00	155.00	175.00	18	20.00	5
223.00	34.00	175.00	18	11.00	1
230.00	50.00	183.00	20	11.00	2
228.00	44.30	189.20	18	11.30	2
228.60	158.00	-----	--	----	-
254.50	184.50	-----	--	----	-
258.00	80.50	189.20	18	11.00	1
240.00	170.00	190.00	18	21.00	5
270.00	162.00	191.00	18	21.00	5
237.00	55.50	195.00	18	11.00	1
264.00	180.00	208.00	18	24.00	5
285.00	88.00	210.00	18	20.00	5
265.00	185.00	212.00	18	24.00	5
270.00	179.60	212.00	18	24.00	5
244.00	168.50	212.30	18	24.00	5
264.20	63.00	217.00	18	12.60	3
264.20	76.50	217.00	18	12.60	3
289.00	50.80	238.50	16	13.20	3
299.50	60.00	239.50	24	13.00	1
293.00	60.00	240.00	24	13.00	1
309.00	55.00	244.00	24	12.50	1
295.00	215.00	245.50	18	27.40	5
330.00	62.00	261.00	24	12.50	1
328.00	70.00	278.00	24	13.00	1
352.00	90.00	289.50	24	13.00	1
378.00	75.00	302.00	24	12.50	1
395.00	94.00	312.00	20	15.00	1
395.00	114.00	312.00	24	15.00	1

