



What are D-rings?

D-rings are alternative rings for O-rings and have the same sealing characteristics as an O-ring. Different from an O-ring, a D-ring has a flat surface that ensures better stability. A D-ring can fit in grooves that are for O-rings and fills in the gap when squeezed. Our selection of D-rings complies with the highly recognized DIN 11851 standard from Deutsches Institut für Normung (DIN).

Material and DN size options for D-rings

Materials	Full name	Hardness options (Shore A)	DN sizes
EPDM	Ethylene-propylene rubber	75	DN 10, 15, 20, 25, 32, 40, 50, 65, 75, 80, 90, 100, 125, 150
NBR	Nitrile-butadiene rubber	75	DN 10, 15, 20, 25, 32, 40, 50, 65, 75, 80, 90, 100, 125, 150
VMQ	Methyl-vinyl silicone rubber	80	DN 10, 15, 20, 25, 32, 40, 50, 65, 75, 80, 90, 100, 125, 150

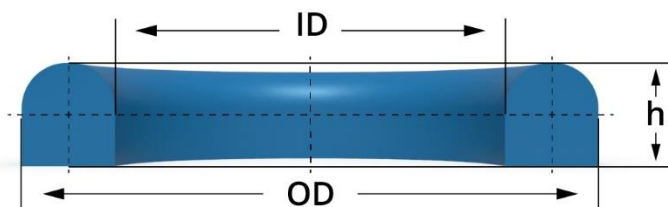
Dimensions of D-rings

A D-ring is defined by three dimensions, inner diameter of the ring **ID**, outer diameter **OD**, and height **h**.

Inner diameter (**ID**)

Outer diameter (**OD**)

Height (**h**)



DIN 11851 dimensions

DN size	Inner diameter (ID) mm	Outer diameter (OD) mm	Height (h) mm	Radius (r) mm
DN10	12	20	4.5	2.3
DN15	18	26	4.5	2.3
DN20	23	33	4.5	2.8
DN25	30	40	5	2.8
DN32	36	46	5	2.8
DN40	42	52	5	2.8
DN50	54	64	5	2.8
DN65	71	81	5	2.8
DN75	78	88	5	2.8
DN80	85	95	5	2.8
DN100	104	114	6	2.8
DN125	130	142	7	3.5
DN150	155	167	7	3.5