Circlips

Features

- DIN 471 external circlip
- Spring steel
- Heat treated carbon steel.
- Robust load bearing design.
- Secure fit
- Easy Installation
- Cost effective.
- Various pack sizes available

RS PRO External Circlips – DIN 471

RS Stock No: 283-6675, 283-6676, 283-6677, 283-6678, 283-6679, 283-6680, 283-6681, 283-6682, 283-6683, 283-6684, 283-6685, 283-6686, 283-6688, 283-6689, 283-6690, 283-6691, 283-6692

RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

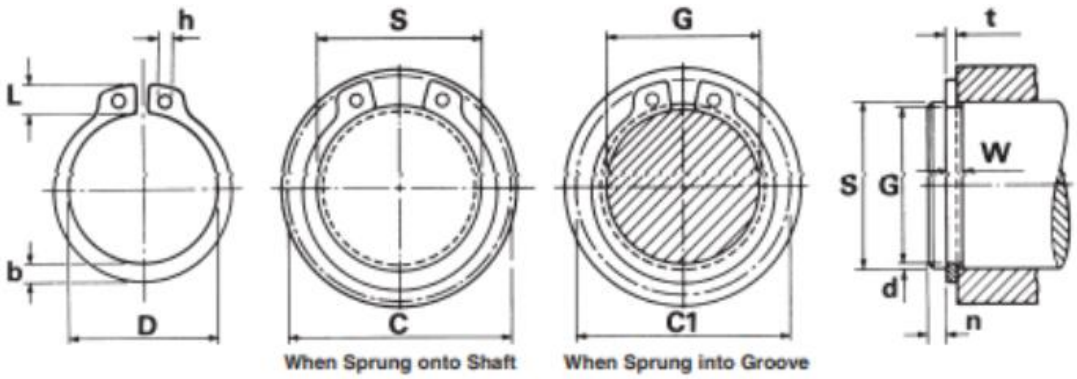
Circlips

Product Description

RS PRO external retaining clips, such as DIN471 circlips, are essential components in mechanical assemblies for securing bearings, wheels, and gears onto shafts. These clips maintain a load-bearing hold on the outer diameters of shafts, ensuring components stay in place during operation. These circlips are made from heat-treated carbon spring steel that offers a combination of flexibility and strength, making them ideal for a wide range of engineering applications.

General Specifications

Circlip Type	External
Material	Heat Treated Carbon Steel
Standard Finish	Phosphate and oil
For Shaft Diameter	11 mm to 70 mm
Fits Groove Dia.	10.5 mm to 72 mm



Circlips

External Circlip Variants

Article No.	To Suit Shaft (mm)	Thickness (mm)	'Free' Diameter (mm)	When Sprung onto Shaft (mm)	When Sprung into Groove (mm)	Lug Width (mm)	Metal Width (mm)	Hole Size (mm)	Groove Diameter (mm)	Groove Width (mm)	Thrust Load Circlip (N)	Thrust Load Groove (N)
	S	t	D	C	C1	L	b ~	h (min)	G	W		
2836675	11	1	10.2	18.6	17.1	3.3	1.8	1.5	10.5	1.1	10700	1010
2836676	13	1	11.9	20.8	19.2	3.4	2	1.7	12.4	1.1	12700	1440
2836677	15	1	13.8	23.2	21.5	3.6	2.2	1.7	14.3	1.1	14600	1930
2836678	17	1	15.7	25.6	23.8	3.8	2.3	1.7	16.2	1.1	16600	2500
2836679	28	1.5	25.9	38.4	36	4.7	3.2	2	26.6	1.6	40900	7200
2836680	30	1.5	27.9	41	38.6	5	3.5	2	28.6	1.6	43800	7730
2836681	32	1.5	29.6	43.4	40.7	5.2	3.6	2.5	30.3	1.6	46700	9980
2836682	35	1.5	32.2	47.2	44.2	5.6	3.9	2.5	33	1.6	51100	12800
2836683	40	1.75	36.5	53	49.5	6	4.4	2.5	37.5	1.85	56600	18300
2836684	42	1.75	38.5	56	52.5	6.5	4.5	2.5	39.5	1.85	59500	19200
2836685	45	1.75	41.5	59.4	55.9	6.7	4.7	2.5	42.5	1.85	63700	20600
2836686	50	2	45.8	64.8	60.8	6.9	5.1	2.5	47	2.15	80900	27400
2836688	55	2	50.8	70.4	66.4	7.2	7.2	2.5	52	2.15	89000	30300
2836689	60	2	55.8	75.8	71.8	7.4	5.8	2.5	57	2.15	97100	33100
2836690	65	2.5	60.8	81.6	77.6	7.8	6.3	3	62	2.65	131000	35900
2836691	70	2.5	65.5	87.2	83.2	8.1	6.6	3	67	2.65	142000	38700
2836692	75	2.5	70.5	92.8	88.8	8.4	7	3	72	2.65	152000	41600