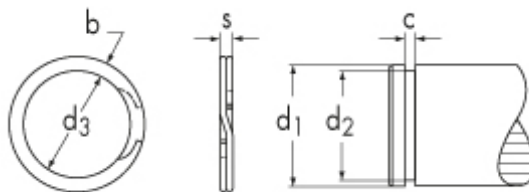


SMALLEY® SPIRAL RETAINING RINGS

SAE 1070-90
Carbon Steel

surface treatment:
Oil dipped

Example of designation: DNS-13



d1=shaft diameter
d2=groove diameter
d3=internal ring diameter
S=thickness

Medium-heavy
duty series
**DNS - for shafts
for groove DIN
471**



description	Price Euro x100	% Price Change		Package
DNS-16	19,20	1 + 20%	2 -	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
DNS-16	d2	ring shear Newtons 16.583 (safety factor =3)
d1 mm 16.00	mm 15.20	
	Toll. d2	groove yield Newtons 3.119 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm -0,110	
	c	
	mm 1.10	
	Toll. c	
	mm +0,140	
RING IN THE UNSTRESSED STATE		
d3		
mm 15.04		
Toll. d3		
mm -0,33		
b		
mm 1.65		
Toll. b		
mm +/-0,10		
s		
mm 0.99		
Toll. s		
mm +/-0,05		
Weight Kg/1000		
0.67		

Technical informations are indicative and can be updated.

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