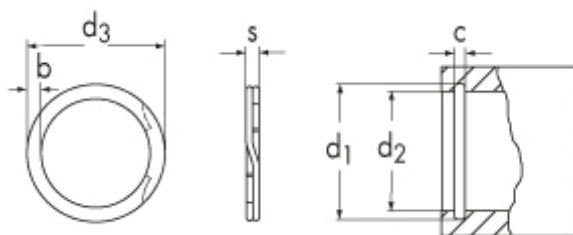


SMALLEY® SPIRAL RETAINING RINGS

SAE 1070-90
Carbon Steel

surface treatment:
Oil dipped

Example of designation: DNH-13



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

Medium-heavy
duty series
**DNH - for bores
for groove DIN
472**



description	Price Euro x100	% Price Change		Package
		1	2	
DNH-19	18,40	+ 20%	-	1000

DESCRIPTION	GROOVE	THRUST CAPACITY
DNH-19	d2	ring shear Newtons 19.693 (safety factor =3)
d1 mm 19.00	mm 20.00	
	Toll. d2	groove yield Newtons 4.630 (based on a groove material yield strength of 310/mm and a safety factor of 2)
	mm +0,130	
	c	
	mm 1.10	
	Toll. c	
	mm +0,140	
RING IN THE UNSTRESSED STATE		
d3		
mm 20.19		
Toll. d3		
mm +0,33		
b		
mm 1.91		
Toll. b		
mm +/-0,10		
s		
mm 0.99		
Toll. s		
mm +/-0,05		
Weight Kg/1000		
0.85		

Technical informations are indicative and can be updated.

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