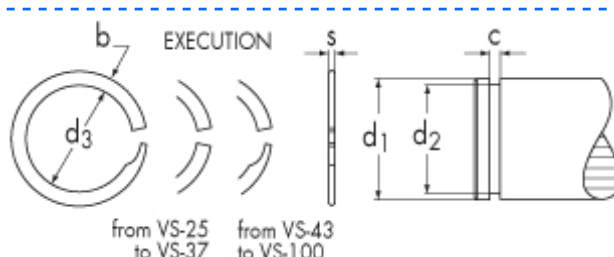


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

surface treatment:
Oil dipped
Example of designation: VS-25

Light duty series
VS - for shafts
(in inches)

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

description	Price Euro x100	% Price Change		Package
		1	2	
VS-175	34,00	+ 20%	-	250

DESCRIPTION		GROOVE		THRUST CAPACITY	
VS-175		d2		ring shear	
d1 mm	44.45	inch. 1.693 mm 43.00		Newtons 31.848 L.B.S. 7,160	
d1 inch	1.750	Toll. d2		(safety factor =3)	
		inch. +/-0,005 mm +/-0,13		groove yield	
		c		Newtons 15.968 L.B.S. 3,590	
		inch. 0.039 mm 0.99		(based on a groove material yield strength of 310/mm and a safety factor of 2)	
		Toll. c			
		inch. +0,003 mm +0,080			
RING IN THE UNSTRESSED STATE					
d3	inch. 1.674 mm 42.52				
Toll. d3	inch. -0,02 mm -0,51				
b	inch. 0.118 mm 3.00				
Toll. b	inch. +/-0,004 mm +/-0,10				
s	inch. 0.031 mm 0.79				
Toll. s	inch. +/-0,002 mm +/-0,05				
Weight Kg/1000	2.45				

Technical informations are indicative and can be updated.

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GANDINI FASTENERS SRL viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution
of fasteners, fixing elements
and mechanical parts
machining

GANDINI FASTENERS SRL
viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

Sales department
250@gandini.it
tel +39 02 241 047 250

Administration
350@gandini.it
tel +39 02 241 047 350