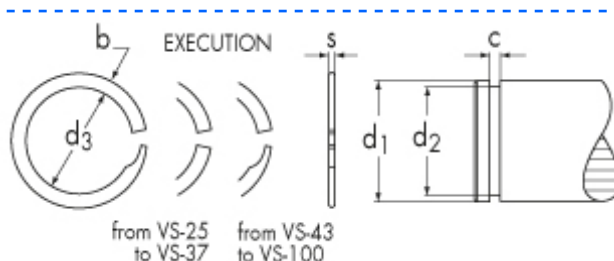


SMALLEY® SPIRAL RETAINING RINGS
SAE 1070-90 Carbon Steel

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-137	22,00	+ 20%	-	500

DESCRIPTION	
VS-137	
d1 mm	34.93
d1 inch	1.375

RING IN THE UNSTRESSED STATE	
d3	inch. 1.318 mm 33.48
Toll. d3	inch. -0,015 mm -0,38
b	inch. 0.088 mm 2.24
Toll. b	inch. +/-0,004 mm +/-0,10
s	inch. 0.025 mm 0.64
Toll. s	inch. +/-0,0015 mm +/-0,04
Weight Kg/1000	0.23

GROOVE	
d2	inch. 1.331 mm 33.81
Toll. d2	inch. +/-0,004 mm +/-0,1
c	inch. 0.031 mm 0.79
Toll. c	inch. +0,002 mm +0,050

THRUST CAPACITY	
ring shear	Newtons 20.194 L.B.S. 4,540
(safety factor =3)	
groove yield	Newtons 9.519 L.B.S. 2,140
(based on a groove material yield strength of 310/mm and a safety factor of 2)	

Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.l. All rights reserved. No part of this web site may be reproduced in any form without express permission.

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