

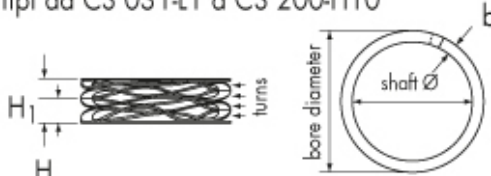
SMALLEY® WAVE SPRINGS

SAE 1070-90 Carbon Steel

surface finishes
Oil dipped

Example of designation: CS031-L1

CS = Shim ends
tipi da CS 031-L1 a CS 200-H10



d1=bore diameter
d4=shaft diameter
S=thickness
H=free height
H1=work height

CS - inch series
squared - plain ends



description	Price Euro x100	% Price Change		Package
		1	2	
CS031-L1	42,00	+ 20%	-	500

WAVE			
description	CS031-L1	s	inch. 0.008 mm 0.20
d1 - bore diameter	inch. 0.312 mm 7.92	b	inch. 0.032 mm 0.81
d4 - shaft diameter	inch. 0.200 mm 5.08	spring rate	Lb/inch 68 N/mm 12
Load	Lb in H1 3.00 N in H1 13.30	(Theoretical value)	
H1 work height	inch. 0.070 mm 1.78		
H free height	inch. 0.114 mm 2.90		
turns nr	3		
wave nr	2.5		
Weight Kg/1000	0.10		

Technical informations are indicative and can be updated.

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