

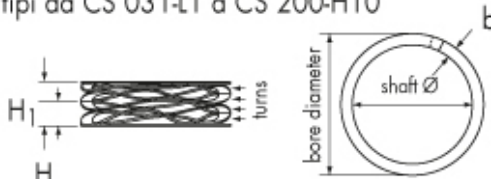
## SMALLEY® WAVE SPRINGS

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<br>Euro x100 | % Price Change |   | Package |
|-------------|--------------------|----------------|---|---------|
|             |                    | 1              | 2 |         |
| CS037-L9    | 106,00             | + 20%          | - | 500     |

| WAVE                    |                                |                                    |                        |
|-------------------------|--------------------------------|------------------------------------|------------------------|
| description<br>CS037-L9 |                                | s                                  | inch. 0.008<br>mm 0.20 |
| d1 - bore<br>diameter   | inch. 0.375<br>mm 9.53         | b                                  | inch. 0.032<br>mm 0.81 |
| d4 - shaft diameter     | inch. 0.250<br>mm 6.35         | spring rate<br>(Theoretical value) | Lb/inch 13<br>N/mm 2   |
| Load                    | Lb in H1 4.00<br>N in H1 17.80 |                                    |                        |
| H1 work height          | inch. 0.240<br>mm 6.10         |                                    |                        |
| H free height           | inch. 0.550<br>mm 13.97        |                                    |                        |
| turns nr                | 11                             |                                    |                        |
| wave nr                 | 2.5                            |                                    |                        |
| Weight Kg/1000          | 0.39                           |                                    |                        |

Technical informations are indicative and can be updated.

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