

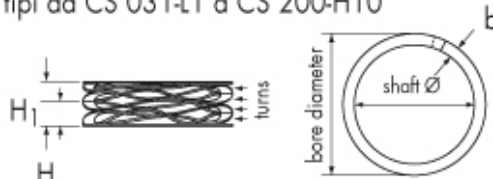
## SMALLEY® WAVE SPRINGS

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-M4    | 72,00              | + 20%          | - | 500     |

| WAVE                    |                                |                                    |                        |
|-------------------------|--------------------------------|------------------------------------|------------------------|
| description<br>CS037-M4 |                                | s                                  | inch. 0.011<br>mm 0.28 |
| 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 58<br>N/mm 10  |
| Load                    | Lb in H1 7.00<br>N in H1 31.10 |                                    |                        |
| H1 work height          | inch. 0.180<br>mm 4.57         |                                    |                        |
| H free height           | inch. 0.300<br>mm 7.62         |                                    |                        |
| turns nr                | 6                              |                                    |                        |
| wave nr                 | 2.5                            |                                    |                        |
| Weight Kg/1000          | 0.29                           |                                    |                        |

Technical informations are indicative and can be updated.

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