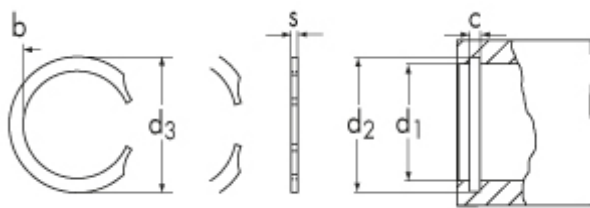


**SMALLEY® SPIRAL RETAINING RINGS**
**SAE 1070-90 Carbon Steel**

surface treatment:  
**Oil dipped**
**Example of designation: XDH-112**

**d1**=shaft diameter  
**d2**=groove diameter  
**d3**=external ring diameter  
**S**=thickness

Light duty series  
**XDH - for bores**  
(in inches)


| description    | Price<br>Euro x100 | % Price Change |   | Package |
|----------------|--------------------|----------------|---|---------|
|                |                    | 1              | 2 |         |
| <b>XDH-500</b> | <b>610,00</b>      | + 20%          | - | 25      |

| DESCRIPTION                                 | GROOVE                                       | THRUST CAPACITY                                                                |
|---------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------|
| XDH-500                                     | <b>d2</b> inch. 5.144<br>mm 130.66           | <b>ring shear</b> Newtons 188.646<br>L.B.S. 42,412                             |
| <b>d1 mm</b> 127.00                         | <b>Toll. d2</b> inch. +/-0,006<br>mm +/-0,15 | (safety factor =3)                                                             |
| <b>d1 inch</b> 5.000                        | <b>c</b> inch. 0.086<br>mm 2.18              | <b>groove yield</b> Newtons 113.188<br>L.B.S. 25,447                           |
|                                             | <b>Toll. c</b> inch. +0,005<br>mm +0,130     | (based on a groove material yield strength of 310/mm and a safety factor of 2) |
| RING IN THE UNSTRESSED STATE                |                                              |                                                                                |
| <b>d3</b> inch. 5.184<br>mm 131.67          |                                              |                                                                                |
| <b>Toll. d3</b> inch. +0,093<br>mm +2,36    |                                              |                                                                                |
| <b>b</b> inch. 0.218<br>mm 5.54             |                                              |                                                                                |
| <b>Toll. b</b> inch. +/-0,005<br>mm +/-0,13 |                                              |                                                                                |
| <b>s</b> inch. 0.078<br>mm 1.98             |                                              |                                                                                |
| <b>Toll. s</b> inch. +/-0,002<br>mm +/-0,05 |                                              |                                                                                |
| <b>Weight Kg/1000</b> 34.39                 |                                              |                                                                                |

Technical informations are indicative and can be updated.

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