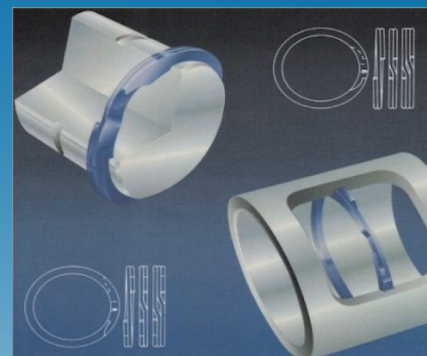


# SPIRAL RINGS

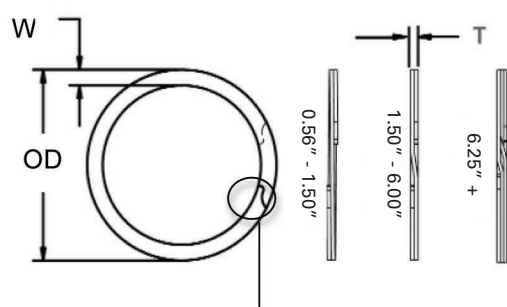
Spiral rings are an easy to install alternative to stamped retaining rings. They are formed by an exclusive Circular-Grain process which edge winds pre-hardened spring tempered flat wire to exact tolerances. Grain structure of the metal is circumferential instead of linear providing exceptional strength, yet flexible 360° retaining surface



- No special tool required for installation and removal.
- Less interference with other parts.
- Interchangeable with standard Circlips (Metric & Imperial)
- Rings available from ½"/13mm to 15"/400mm Diameter.
- Light duty, medium duty or heavy duty available.
- Conform to Military specifications (MIL-R-27426)
- 302 Stainless Steel STANDARD material.

## How to Identify

### Internal

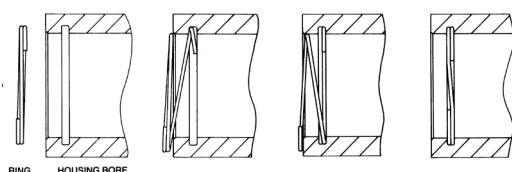


Notch to identify it is for internal use

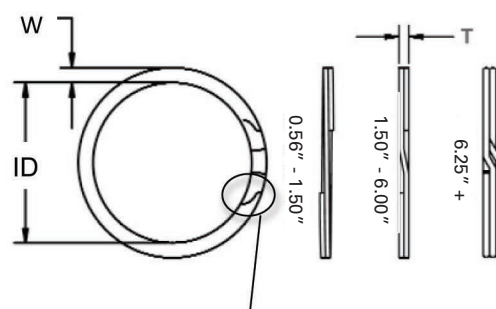
To Measure an internal Spiral ring:

You need to measure the Outside Diameter (OD), the Thickness (T) and the Width (W)

Application to Groove



### External

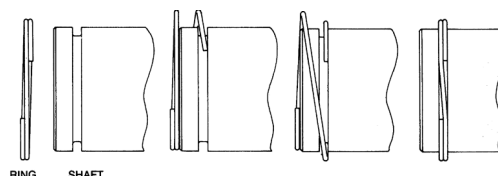


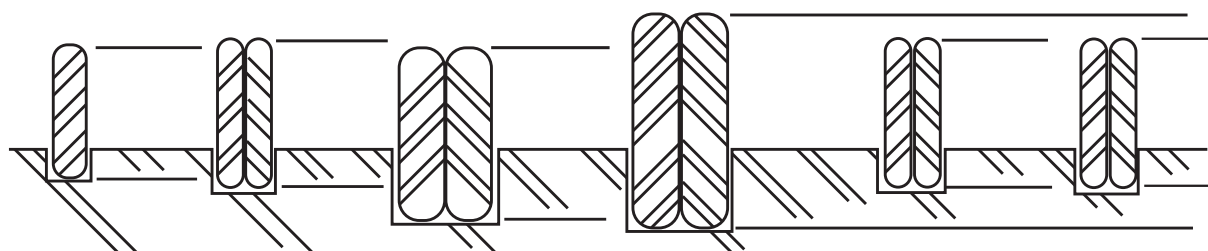
Notch to identify it is for external use

To Measure an external Spiral ring:

You need to measure the Inside Diameter (ID), the Thickness (T) and the Width (W)

Application to Shaft





**VH & VS**  
Light Duty  
Series

**WH & WS**  
Medium Duty  
Series

**WHT & WST**  
Medium Heavy Duty  
Series

**WHM & WSM**  
Heavy Duty  
Series

**DNH & DNS**  
DIN Metric  
Series

**EH & ES**  
Metric Aerospace  
Series

Spiral Rings Conversion Table

Smalley	Cirteq	Aerospace AS 3219	Metric Aerospace MA4035	DIN	Truarc	Industrial	Military
						Retaining Ring	MIL-R-27426
VH							
VS							
WH		AS 3217					Type B Class 1
WS		AS 3218					Type A Class 1
WHT							
WST							
WHM	N1300	AS 3215			N5000/5008	3000/4000	Type B Class 2
WSM	N1400	AS 3216			5100/5108	3100/4100	Type A Class 2
DNH	D1300			DIN 472			
DNS	D1400			DIN 471			
EH			MA 4017				
ES			MA 4016				

## ENQUIRY FORM

Is this spiral ring intended for Military or Aerospace use? YES ☐ NO ☐

Internal ☐ (Bore) External ☐ (Shaft)

OD/ID \_\_\_\_\_ Materials: \_\_\_\_\_  
 Width \_\_\_\_\_ Quantity: \_\_\_\_\_  
 Thickness \_\_\_\_\_ Finish: \_\_\_\_\_  
 Groove Diameter \_\_\_\_\_  
 Groove Width \_\_\_\_\_

Thank you for completing this form.  
 Please scan and email this back to [contact@circlips.com.au](mailto:contact@circlips.com.au)  
 or Fax it to +61 3 9890 1990