



TRUE MANUFACTURING SOLUTIONS

**Tapered**  
**Constant section**  
**Spiral wound**  
**Milspec**  
**Belleville disc springs**  
**DFCI/DZUS quarter turn fasteners**  
**Pins**





American Ring manufactures and supplies retaining rings, snap rings, and Belleville disc springs. We are a family company committed to quality and service, providing our customers with true solutions. American Ring is big enough to matter and small enough to care. We pride ourselves on delivering service unmatched in the industry, taking our business personally, and always trying to ask the right questions.

## **1957**

Robert L. Morrissey creates R.L. Morrissey & Associates, based in Cleveland, OH. R.L. Morrissey & Associates operates as a manufacturer's representative for standard fastener companies.

## **1967**

R.L. Morrissey establishes a representation agreement with Anderton International of Bingley West Yorkshire, England. Anderton is a manufacturer of retaining rings and Belleville disc springs.

## **1976**

American Ring & Tool Company is created. The company becomes the United States Master Stockist for the Anderton International line of retaining rings and Belleville disc springs. American Ring & Tool establishes its warehouse and offices in Highland Heights, Ohio.

## **1979**

American Ring & Tool signs "Master Stockist Agreement" with Spirolox Retaining Ring, a Division of TRW INC., manufacturers of the "Spirolox" spiral-wound retaining ring.

## **1983**

Jack Morrissey, Robert Morrissey Jr. and James Morrissey take ownership of R.L. Morrissey & Associates, Inc., parent company of American Ring & Tool Co.

## **1989**

American Ring Manufacturing is founded by the Morrisseys and DH&S, Inc., with offices and production located in Romulus, Michigan.

## **1990**

American Ring acquires assets from Precision Ring Corp., consisting of ring coiling machines, heat-treat furnaces, wire drawing lines and residual tooling.

## **1998**

American Ring & Tool acquires Western Service & Supply of Santa Ana, California, a full line retaining ring distributor in the western United States servicing the aerospace and commercial markets.

## **2004**

American Ring & Tool acquires Meyer Retaining Ring of Milwaukee, Wisconsin, adding manufacturing and distribution software linking all operations.

## **2010**

American Ring Manufacturing moves manufacturing operation from Romulus, Michigan to 45,000 square foot facility in Livonia, Michigan.

## **2014**

New management team takes over day-to-day operation.

## **2017**

American Ring acquires Ringmasters LLC, (formerly Eaton Retaining Ring), a manufacturer of snap rings and circlips, and Alternative Surface Grinding, a double disc grinding and hyprolapping service provider for micro finishes and tight toleranced products/applications.

## **2018**

American Ring acquires the assets of S&M Retaining Ring, a manufacturer of tapered section inch, metric, and milspec retaining rings.



## Tapered



5000



5001



5002



5008



5100



5101



5102



5144



5135



5304



T5304



5005



5105



5107

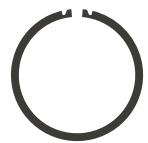
## Constant section



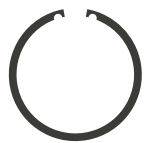
XAN



NAN



EN



IN



XD



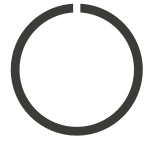
ND



M2400



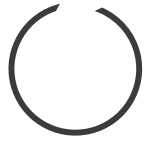
XSO



XSC



M3200



2300



BRGS



BRGH



DIN 7993A

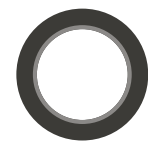
## Belleveille disc springs



DIN 2093



DIN 6796



Bearing  
Preload



Serrated  
Safety Washers



Wave Washer



Wave Spring





5103



5108



5160



5560



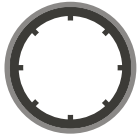
5555



5133



5131



5115



DIN 472



DIN 471



M1800



DIN 6799



DIN 984



DIN 983

**Spiral wound**



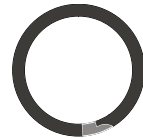
XRO



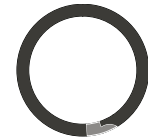
XRC



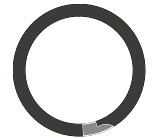
UR



RR



RRT



RRN



DIN 7993B



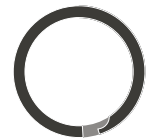
US



RS



RST



RSN



## Tapered



5000



5001



5002



5008



5100



5101



5102



5144



5135



5304



T5304



5005



5105



5107

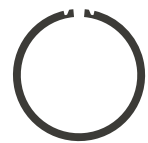
## Constant section



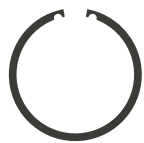
XAN



NAN



EN



IN



XD



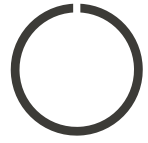
ND



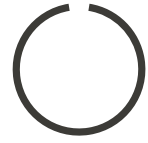
M2400



XS0



XSC



M3200



2300



BRGS



BRGH

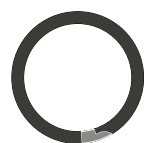


DIN 7993A

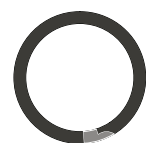
## Spiral wound



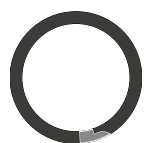
UR



RR



RRT



RRN



US



RS



RST

## Belleville disc springs



DIN 2093



DIN 6796



Bearing  
Preload



Serrated  
Safety Washers



Wave Washer



Wave Spring





5103



5108



5160



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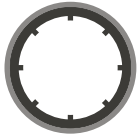
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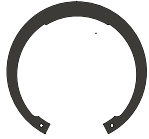
5133



5131



5115



DIN 472



DIN 471



M1800



DIN 6799



DIN 984



DIN 983



XRO



XRC



DIN 7993B



RSN



## Why American Ring?

Our superior processes deliver greater efficiency. And we provide the very best service in the world. As quality and pricing can often be very similar across the industry, customers choose us because of a proven track record of value-oriented service.

Our philosophy extends from how we treat employees to how we manage the entire customer experience. A culture of integrity and respect drives business and improves the bottom line. Our service approach goes beyond parts and specifications; we are about delivering solutions, even ones our customers may not have known were possible.

## Engineering

Not all parts are created equal. Let our expert design and engineering team help you find the best part for your application. Whether it is a standard or a custom design, our engineers offer TRUE MANUFACTURING SOLUTIONS.

## Quality

American Ring meets the demand for quality through rigorous training, statistical analysis, empowered teams, new technologies and continuous process improvement. Our Quality System is certified to meet the requirements of ISO 9001:2015, MAQMSR, AS9100D and AS9120B. Sustaining high quality allows us to give customers what they demand: low costs without sacrificing the highest quality in the industry.

Through continuous improvement, we will achieve zero mistakes to satisfy our customers.

## Contact

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