

Retaining Rings/Resin Washers Retaining Ring Spanner Wrench

RR/DR
NRS

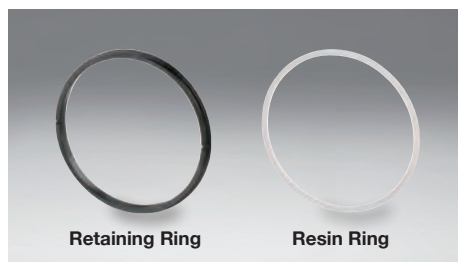
RR/DR

RoHS

Catalog Code

W4017

Accessories for mirror holders and lens holders.



Retaining Ring

Resin Ring

Guide

► Please contact our Sales Division regarding tapered retaining rings for beamsplitter holders.

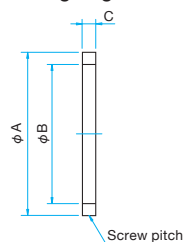
Attention

► We cannot guarantee our retaining rings will fit into non Opto-Sigma threaded holes.

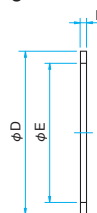
- Retaining rings and Resin rings are sold separately in sets of five.
- The retaining ring spanner wrench (NRS) is used to tighten the retaining rings.

Outline Drawing

Retaining ring



Resin ring



Retaining Ring		Primary material: Aluminum Finish: Black Anodized			
Part Number	Quantity [Pieces]	Outer Diameter φA [mm]	Inner Diameter φB [mm]	Thickness C [mm]	Screw Pitch [mm]
RR-10-5	5	φ10.85	φ7	3	0.75
RR-12.7-5	5	φ13.55	φ9.7	3	0.75
RR-15-5	5	φ15.85	φ12	3	0.75
RR-20-5	5	φ20.85	φ17	3	0.75
RR-25-5	5	φ25.85	φ22	3	0.75
RR-25.4-5	5	φ26.25	φ22	3	0.75
RR-30-5	5	φ30.85	φ27	3	0.75
RR-38.1-5	5	φ38.95	φ35	3	0.75
RR-40-5	5	φ40.85	φ37	3	0.75
RR-50-5	5	φ50.85	φ46	3	0.75
RR-50.8-5	5	φ51.65	φ47	3	0.75
RR-52-5	5	φ52.85	φ48	3	0.75
RR-60-5	5	φ60.85	φ56	3	0.75
RR-80-5	5	φ81.1	φ75	3.5	1
RR-100-5	5	φ101.1	φ95	4	1
RR-130-5	5	φ131.1	φ124	4	1
RR-150-5	5	φ151.1	φ144	4	1

Resin Ring		Primary material: POM Finish: None		
Part Number	Quantity [Pieces]	Outer Diameter φD [mm]	Inner Diameter φE [mm]	Thickness F [mm]
DR-10-5	5	φ10	φ7	1
DR-12.7-5	5	φ12.7	φ9.7	1
DR-15-5	5	φ15	φ12	1
DR-20-5	5	φ20	φ17	1
DR-25-5	5	φ25	φ22	1
DR-25.4-5	5	φ25.4	φ22	1
DR-30-5	5	φ30	φ27	1
DR-38.1-5	5	φ38.1	φ35	1
DR-40-5	5	φ40	φ37	1
DR-50-5	5	φ50	φ46	1
DR-50.8-5	5	φ50.8	φ47	1
DR-52-5	5	φ52	φ48	1
DR-60-5	5	φ60	φ56	1
DR-80-5	5	φ80	φ75	1.5
DR-100-5	5	φ100	φ95	1.5
DR-130-5	5	φ130	φ124	2
DR-150-5	5	φ150	φ144	2

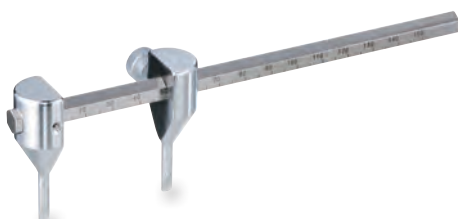
NRS

RoHS

Catalog Code

W4018

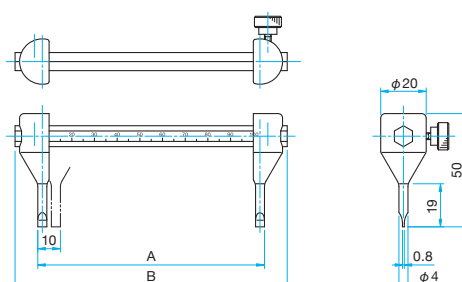
Spanner wrenches can be used on retaining rings of various diameters.
Optics can be securely fixed in holders without scratching the optics or retaining rings.



- The scale on the wrench correlates to the outer diameter of the lens to be fixed.

Outline Drawing

NRS



Specifications		Primary material Shaft: Stainless, Claw: Steel Finish Shaft: None, Claw: Chrome plating	
Part Number	Size Used [mm]	A [mm]	B [mm]
NRS-50	For φ10 – φ50	50	70
NRS-100	For φ10 – φ100	100	120
NRS-150	For φ10 – φ150	150	170

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