



# Retaining Rings Index & Interchange Chart

	Daemar® Inc.	Waldes	I.R.R.	Anderton	Seeger
	<b>HO</b>	N5000	3000	N1300	16625
	<b>SH</b>	5100	3100	N1400	16624
	<b>HOI</b>	5008	4000	N1308	16627
	<b>SHI</b>	5108	4100	N1408	16626
	<b>SHR</b>	5160	7200	N1460	3217
	<b>SHM</b>	5560	-	-	-
	<b>RE</b>	5144	1200	N1540	3215
	<b>E</b>	5133	1000	N1500	16633
	<b>C</b>	5103	2000	N1800	16632
	<b>LC</b>	5107	-	-	90708
	<b>PO</b>	5304	-	-	-
	<b>POL</b>	T5303	-	-	-
	<b>BE</b>	5131	1001	N1501	16634
	<b>EL</b>	5139	-	-	3216
	<b>BHO</b>	N5001	3001	N1301	16629
	<b>BSH</b>	5101	3101	N1401	16628
	<b>VHO</b>	N5002	-	N1302	16631
	<b>VSH</b>	5102	-	1402	16630
	<b>SHF</b>	5555	7100	N1440	90707
	<b>RG</b>	5135	-	-	-
	<b>TX</b>	5115	-	N1465	-
	<b>TY</b>	5105	6100	1405	-
	<b>TI</b>	5005	R6000	N1305	-

	DIN Metric Rings	Waldes	I.R.R.	Anderton	Seeger
	<b>DHO DIN-472</b>	-	-	D1300	J
	<b>DSH DIN-471</b>	-	-	D1400	A
	<b>DC</b>	-	-	M1800	H
	<b>DE DIN-6799</b>	-	-	D1500	RA
	<b>DTX</b>	-	-	M1465	ZA
	<b>DTI</b>	-	-	M1305	ZJ

## Rings Assembled Axially



**Designation: HO**  
Type: Internal ( housings & bores)  
Size Range: .250-10.0 inches (6.4-254.0mm)



**Designation: SH**  
Type: External (basic shafts & pins)  
Size Range: .125-10.0 inches (3.2-254.0mm)



**Designation: HOI**  
Type: Internal, Inverted ( housings & bores)  
Size Range: .625-2.5 inches (15.9-63.5mm)



**Designation: SHI**  
Type: External, Inverted ( shafts & pins)  
Size Range: .500-2.5 inches (12.7-63.5mm)



**Designation: SHR**  
Type: External, Heavy Duty ( shafts & pins)  
Size Range: .394-2.0 inches (10.0-50.8mm)



**Designation: SHM**  
Type: External, Extra Strength ( shafts & pins)  
Size Range: .101-.375 inches (2.6-9.5mm)

## Rings Used for End-Play Take Up



**Designation: BHO**  
Type: Internal, Bowed ( housings & bores)  
Size Range: .250-1.750 inches (6.4-44.4mm)



**Designation: BSH**  
Type: External, Bowed ( shafts & pins)  
Size Range: .188-1.750 inches (4.8-44.4mm)



**Designation: VHO**  
Type: Internal, Beveled ( housings & bores)  
Size Range: 1.000-10.0 inches (25.4-254.0mm)



**Designation: VSH**  
Type: External, Beveled ( shafts & pins)  
Size Range: 1.0-10.0 inches (25.4-254.0mm)



**Designation: BE**  
Type: External, Bowed E ( shafts & pins)  
Size Range: .110-.875 inches (2.8-22.2mm)



**Designation: EL**  
Type: External, Bowed E ( shafts & pins)  
Size Range: .125-.312 inches (3.2-7.9mm)

## Process Codes

Material	Rotor Clip	Waldes	Anderton	IRR
Carbon Steel	ST	S	CS	ST
Stainless Steel	SS	H	AS	SS2
Beryllium Copper	BC	C	BC	BS
Finishes				
Phosphate	PA	PP	PP	PA
Zinc Dichromate	ZD	ZD	ZX	ZD
Zinc Bright	ZF	ZF	ZE	-
Packaging				
Bulk	-	B	-	-
Stacked	S	R (ROL-PAK)	STACKED	STACKED

## Rings Assembled Radially



**Designation: C**  
Type: External ( shafts & pins)  
Size Range: .125-2.0 inches (3.2-50.8mm)



**Designation: E**  
Type: External ( shafts & pins)  
Size Range: .040-1.375 inches (1.0-34.9mm)



**Designation: RE**  
Type: External, Reinforced E ( shafts & pins)  
Size Range: .094-10.0 inches (2.4-14.3mm)



**Designation: LC**  
Type: External, Interlocking ( shafts & pins)  
Size Range: .469-3.375 inches (11.9-85.7mm)



**Designation: PO, POL**  
Type: External ( shafts & pins)  
Size Range: PO-.156-2.000 inches (4.0-50.8mm)  
POL-.156-1.000 (4.0mm-25.4mm)

## Self-Locking Rings



**Designation: TX, TY**  
Type: External, Reinforced ( shafts & pins)  
Size Range: .094-1.000 inches (2.4-25.4mm)



**Designation: TI**  
Type: Internal, Circular ( housings & bores)  
Size Range: .312-.938 inches (7.9-23.8mm)



**Designation: SHF**  
Type: External ( shafts & pins)  
Size Range: .059-.750 inches (1.5-19.0mm)



**Designation: RG**  
Type: External ( shafts & pins)  
Size Range: .092-.379 inches (2.3-9.63mm)

## Metric Retaining Rings



**Designation: DHO-DIN 472**  
Type: Internal ( housings & bores)  
Size Range: 8.0mm-400mm



**Designation: DSH-DIN 471**  
Type: External (basic shafts & pins)  
Size Range: .3.0mm-400mm



**Designation: DC-Crescent**  
Type: External ( shafts & pins)  
Size Range: 3.0mm-55.0mm



**Designation: DE**  
Type: External ( shafts & pins)  
Size Range: 1.0mm-42.0mm



**Designation: DTX**  
Type: External, Reinforced ( shafts & pins)  
Size Range: 1.5mm-45.0mm



**Designation: DTI**  
Type: Internal, Circular ( housings & bores)  
Size Range: 8.0mm-50.0mm

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