
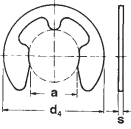
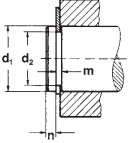
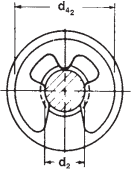
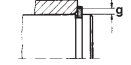



<b>32</b>		<b>Seeger-Sicherungsscheiben</b> <b>Seeger Retaining Rings</b> <b>Colliers d'épaulement Seeger</b>																																																																																																																																																																		
<b>Maßliste</b> <b>Data chart</b> <b>Table</b> <b>dimensionnelle</b>		<b>RA 1,2 – RA 24,0 / DIN 6799</b>																																																																																																																																																																		
	<b>Bezeichnung</b> <b>Designation</b> <b>Désignation</b>	<table border="1"> <thead> <tr> <th rowspan="2">Nennmaß Nominal dimension Dimension nominale  d<sub>2</sub></th> <th colspan="2">Anwendungsbereich Application range Domaine d'application</th> <th colspan="7">Sicherungsscheibe Retaining ring Collier</th> </tr> <tr> <th>von from de</th> <th>bis to a</th> <th>s</th> <th>Toleranz Tolerance Tolérance</th> <th>d<sub>4</sub> max.</th> <th>a</th> <th>Toleranz Tolerance Tolérance ± JT 10</th> <th>Gew. Weight Masse kg/1000</th> </tr> </thead> <tbody> <tr> <td>RA 1,2</td> <td>1,2</td> <td>2,0</td> <td>0,30</td> <td>± 0,02</td> <td>2,90</td> <td>1,01</td> <td>± 0,040</td> <td>0,009</td> </tr> <tr> <td>RA 1,5</td> <td>1,5</td> <td>2,5</td> <td>0,40</td> <td>± 0,02</td> <td>3,90</td> <td>1,28</td> <td>± 0,040</td> <td>0,021</td> </tr> <tr> <td>RA 1,9</td> <td>1,9</td> <td>3,0</td> <td>0,50</td> <td>± 0,02</td> <td>4,40</td> <td>1,61</td> <td>± 0,040</td> <td>0,040</td> </tr> <tr> <td>RA 2,3</td> <td>2,3</td> <td>4,0</td> <td>0,60</td> <td>± 0,02</td> <td>5,90</td> <td>1,94</td> <td>± 0,040</td> <td>0,069</td> </tr> <tr> <td>RA 3,2</td> <td>3,2</td> <td>5,0</td> <td>0,60</td> <td>± 0,02</td> <td>6,90</td> <td>2,70</td> <td>± 0,040</td> <td>0,088</td> </tr> <tr> <td>RA 4,0</td> <td>4,0</td> <td>7,0</td> <td>0,70</td> <td>± 0,02</td> <td>8,85</td> <td>3,34</td> <td>± 0,048</td> <td>0,158</td> </tr> <tr> <td>RA 5,0</td> <td>5,0</td> <td>8,0</td> <td>0,70</td> <td>± 0,02</td> <td>10,85</td> <td>4,11</td> <td>± 0,048</td> <td>0,236</td> </tr> <tr> <td>RA 6,0</td> <td>6,0</td> <td>9,0</td> <td>0,70</td> <td>± 0,02</td> <td>11,80</td> <td>5,26</td> <td>± 0,048</td> <td>0,255</td> </tr> <tr> <td>RA 7,0</td> <td>7,0</td> <td>11,0</td> <td>0,90</td> <td>± 0,02</td> <td>13,80</td> <td>5,84</td> <td>± 0,048</td> <td>0,474</td> </tr> <tr> <td>RA 8,0</td> <td>8,0</td> <td>12,0</td> <td>1,00</td> <td>± 0,03</td> <td>15,75</td> <td>6,52</td> <td>± 0,058</td> <td>0,660</td> </tr> <tr> <td>RA 9,0</td> <td>9,0</td> <td>14,0</td> <td>1,10</td> <td>± 0,03</td> <td>18,20</td> <td>7,63</td> <td>± 0,058</td> <td>1,000</td> </tr> <tr> <td>RA 10,0</td> <td>10,0</td> <td>15,0</td> <td>1,20</td> <td>± 0,03</td> <td>19,70</td> <td>8,32</td> <td>± 0,058</td> <td>1,120</td> </tr> <tr> <td>RA 12,0</td> <td>12,0</td> <td>18,0</td> <td>1,30</td> <td>± 0,03</td> <td>22,70</td> <td>10,45</td> <td>± 0,070</td> <td>1,770</td> </tr> <tr> <td>RA 15,0</td> <td>15,0</td> <td>24,0</td> <td>1,50</td> <td>± 0,03</td> <td>28,70</td> <td>12,61</td> <td>± 0,070</td> <td>3,370</td> </tr> <tr> <td>RA 19,0</td> <td>19,0</td> <td>31,0</td> <td>1,75</td> <td>± 0,03</td> <td>36,50</td> <td>15,92</td> <td>± 0,070</td> <td>6,420</td> </tr> <tr> <td>RA 24,0</td> <td>24,0</td> <td>38,0</td> <td>2,00</td> <td>± 0,03</td> <td>43,50</td> <td>21,88</td> <td>± 0,084</td> <td>8,550</td> </tr> </tbody> </table>	Nennmaß Nominal dimension Dimension nominale  d <sub>2</sub>	Anwendungsbereich Application range Domaine d'application		Sicherungsscheibe Retaining ring Collier							von from de	bis to a	s	Toleranz Tolerance Tolérance	d <sub>4</sub> max.	a	Toleranz Tolerance Tolérance ± JT 10	Gew. Weight Masse kg/1000	RA 1,2	1,2	2,0	0,30	± 0,02	2,90	1,01	± 0,040	0,009	RA 1,5	1,5	2,5	0,40	± 0,02	3,90	1,28	± 0,040	0,021	RA 1,9	1,9	3,0	0,50	± 0,02	4,40	1,61	± 0,040	0,040	RA 2,3	2,3	4,0	0,60	± 0,02	5,90	1,94	± 0,040	0,069	RA 3,2	3,2	5,0	0,60	± 0,02	6,90	2,70	± 0,040	0,088	RA 4,0	4,0	7,0	0,70	± 0,02	8,85	3,34	± 0,048	0,158	RA 5,0	5,0	8,0	0,70	± 0,02	10,85	4,11	± 0,048	0,236	RA 6,0	6,0	9,0	0,70	± 0,02	11,80	5,26	± 0,048	0,255	RA 7,0	7,0	11,0	0,90	± 0,02	13,80	5,84	± 0,048	0,474	RA 8,0	8,0	12,0	1,00	± 0,03	15,75	6,52	± 0,058	0,660	RA 9,0	9,0	14,0	1,10	± 0,03	18,20	7,63	± 0,058	1,000	RA 10,0	10,0	15,0	1,20	± 0,03	19,70	8,32	± 0,058	1,120	RA 12,0	12,0	18,0	1,30	± 0,03	22,70	10,45	± 0,070	1,770	RA 15,0	15,0	24,0	1,50	± 0,03	28,70	12,61	± 0,070	3,370	RA 19,0	19,0	31,0	1,75	± 0,03	36,50	15,92	± 0,070	6,420	RA 24,0	24,0	38,0	2,00	± 0,03	43,50	21,88	± 0,084	8,550
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	<p>Auch in magaziniertem Auslieferung lieferbar. Siehe jeweils gültige Seeger-Preisliste.</p> <p>Ringspender und Greifer für Seeger-Sicherungsscheiben RA siehe Seite 111</p>	<p>Also available in magazine design. See relevant valid Seeger price list.</p> <p>Ring dispensers and applicators for Seeger Retaining Rings see page 111</p>	<p>Livrable également empilées sur tige. Se reporter au tarif Seeger correspondant en vigueur.</p> <p>Distributeurs et fourchettes de pose pour colliers d'épaulement Seeger RA, voir page 111</p>																																																																																																																																																																	

<b>Seeger-Sicherungsscheiben</b> <b>Seeger-Rings for shafts</b> <b>Segments extérieurs Seeger</b>											<b>32</b>			
<b>RA 1,2 – RA 24,0 / DIN 6799</b>														
<b>Nut · Groove · Gorge</b>			<b>Ergänzende Daten · Supplementary data · Données complémentaires</b>											
d <sub>2</sub>	Toleranz Tolerance Tolérance	m min.	d <sub>42</sub>	n	F <sub>N</sub> kN	bei with avec d <sub>1</sub>	F <sub>R</sub> kN	g	F <sub>Rg</sub> kN	n <sub>abl.</sub> x1000 (1/min.)	Greifer Applicator Fourchette de pose			
1,2	-0,060	0,34	3,0	0,6	0,04	1,5	0,12	0,4	0,06	47	GRA 1,2			
1,5	-0,060	0,44	4,0	0,8	0,07	2,0	0,22	0,6	0,11	42	GRA 1,5			
1,9	-0,060	0,54	4,5	1,0	0,10	2,5	0,35	0,7	0,17	40	GRA 1,9			
2,3	-0,060	0,64	6,0	1,0	0,15	3,0	0,50	0,9	0,24	38	GRA 2,3			
3,2	-0,075	0,64	7,0	1,0	0,22	4,0	0,65	0,9	0,32	35	GRA 3,2			
4,0	-0,075	0,74	9,0	1,2	0,25	5,0	0,95	1,0	0,47	32	GRA 4			
5,0	-0,075	0,74	11,0	1,2	0,90	7,0	1,15	1,0	0,60	28	GRA 5			
6,0	-0,075	0,74	12,0	1,2	1,10	8,0	1,35	1,1	0,70	25	GRA 6			
7,0	-0,090	0,94	14,0	1,5	1,25	9,0	1,80	1,3	1,00	22	GRA 7			
8,0	-0,090	1,05	16,0	1,8	1,42	10,0	2,50	1,5	1,25	20	GRA 8			
9,0	-0,090	1,15	18,5	2,0	1,60	11,0	3,00	1,6	1,50	17	GRA 9			
10,0	-0,090	1,25	20,0	2,0	1,70	12,0	3,50	1,8	1,75	15	GRA 10			
12,0	-0,110	1,35	23,0	2,5	3,10	15,0	4,70	1,9	2,30	13	-			
15,0	-0,110	1,55	29,0	3,0	7,00	20,0	7,80	2,2	3,30	11	-			
19,0	-0,130	1,80	37,0	3,5	10,00	25,0	11,00	2,5	3,60	8	-			
24,0	-0,130	2,05	44,0	4,0	13,00	30,0	15,00	3,0	4,00	6	-			