

Product Description	D Minimum Supplied	D Maximum Recovered	T Supplied	L Supplied	Minimum Substrate Diameter <sup>△6</sup>	Nominal Clamping Force (N) <sup>△6</sup>
AHM0137-0031-0127	1.371	1.321	0.28 / 0.331	1.2 / 1.34	1.347	400
AHM0205-0023-0155	2.052	1.966	0.2 / 0.254	1.49 / 1.61	1.999	400
AHM0239-0020-0102	2.387	2.307	0.18 / 0.229	0.96 / 1.07	2.345	220
AHM0239-0045-0200	2.387	2.299	0.41 / 0.49	1.9 / 2.09	2.34	930
AHM0239-0073-0078	2.387	2.286	0.68 / 0.77	0.73 / 0.82	2.33	530
AHM0239-0084-0168	2.387	2.286	0.78 / 0.89	1.6 / 1.76	2.33	1290
AHM0275-0031-0193	2.75	2.66	0.27 / 0.336	1.85 / 2.01	2.7	620
AHM0275-0036-0241	2.75	2.65	0.32 / 0.39	2.33 / 2.49	2.7	930
AHM0279-0084-0084	2.79	2.67	0.78 / 0.89	0.78 / 0.89	2.72	670
AHM0279-0099-0196	2.79	2.67	0.93 / 1.05	1.85 / 2.06	2.72	1730
AHM0320-0023-0158	3.2	3.08	0.2 / 0.26	1.49 / 1.66	3.13	400
AHM0320-0097-0102	3.2	3.05	0.91 / 1.02	0.96 / 1.07	3.1	930
AHM0320-0112-0225	3.2	3.05	1.06 / 1.17	2.13 / 2.37	3.1	2310
AHM0358-0041-0198	3.58	3.44	0.37 / 0.44	1.9 / 2.06	3.5	890
AHM0358-0056-0229	3.58	3.44	0.52 / 0.59	2.2 / 2.37	3.5	1330
AHM0396-0039-0483	3.96	3.81	0.33 / 0.44	4.72 / 4.93	3.88	2050

**NOTES:**

- 1 Ring material: heat-to-recover NiTi, Intrinsic Alloy H.
- 2 To prevent premature recovery, do not expose rings to temperatures above 45°C prior to installation.
- 3 Rings begin to shrink at just over 45°C and are almost fully shrunk by 100°C. However, they require heating to 165°C to build their full clamping force. Use a controlled heating method to insure the rings are heated to 165°C or higher. Rings can be supplied with temperature indicating paint spots that change color at 165°C. Add a "P" suffix to the part number if the paint is desired.
- 4 Do not heat rings above 300°C during installation, or afterward, to avoid the possibility of stress relaxation.
- △5 To ensure consistent performance, the substrate should have the dimensions and rigidity to hold the installed ring diameter to this size, or larger. (For a minimum unresolved recovery of 1.5%)

△6 This is a nominal radial clamping force for design purposes, equal to the ring-to-substrate contact area times the contact pressure. The actual force applied by a ring is a function of installation method, substrate material and geometry, and operating temperatures. The force decreases with decreasing temperature and with decreasing substrate diameter. Testing is required to qualify performance in specific applications.

△7 "I" and "J" suffix rings have an insulating coating on the ring ID which is .01 to .13 mm thick and may extend onto the end faces of the ring. Only ID coating is assured on "I" rings. The coating will extend to at least halfway from the ID to the OD on the end faces of "J" rings. Coating adds to dimensions T & L. D is unchanged. Coating is used when installing rings by direct electrical resistance heating.

8 Dimensions are in mm.

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**Intrinsic Devices, Inc.**

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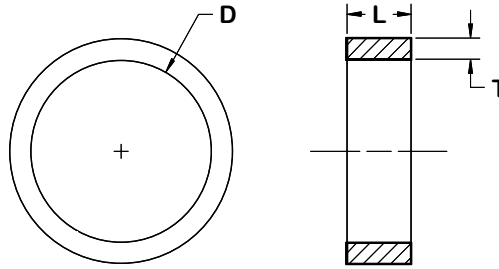
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*Product Document*

**UniLok, Rectangular Section,  
Heat-To-Recover, Metric Units**

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Product Description	D Minimum Supplied	D Maximum Recovered	T Supplied	L Supplied	Minimum Substrate Diameter <sup>△</sup>	Nominal Clamping Force (N) <sup>△</sup>
AHM0396-0051-0483	3.96	3.81	0.45 / 0.56	4.72 / 4.93	3.88	2620
AHM0396-0064-0483	3.96	3.81	0.58 / 0.69	4.72 / 4.93	3.88	3200
AHM0396-0077-0483	3.96	3.81	0.71 / 0.82	4.72 / 4.93	3.88	3780
AHM0396-0089-0483	3.96	3.79	0.83 / 0.94	4.72 / 4.93	3.87	4270
AHM0396-0102-0483	3.96	3.79	0.96 / 1.07	4.72 / 4.93	3.87	4760
AHM0396-0115-0483	3.96	3.79	1.09 / 1.2	4.72 / 4.93	3.87	5250
AHM0396-0127-0483	3.96	3.79	1.21 / 1.33	4.72 / 4.93	3.87	5690
AHM0398-0029-0102	3.98	3.84	0.25 / 0.331	0.96 / 1.07	3.9	360
AHM0401-0057-0112	4.01	3.84	0.53 / 0.61	1.06 / 1.17	3.92	670
AHM0401-0121-0121	4.01	3.81	1.14 / 1.27	1.14 / 1.27	3.89	1380
AHM0401-0140-0281	4.01	3.81	1.32 / 1.48	2.69 / 2.93	3.89	3560
AHM0403-0023-0084	4.03	3.89	0.2 / 0.26	0.78 / 0.89	3.95	220
AHM0477-0075-0153	4.77	4.55	0.71 / 0.79	1.44 / 1.61	4.63	1200
AHM0480-0037-0102	4.8	4.63	0.33 / 0.41	0.96 / 1.07	4.7	400
AHM0480-0037-0204	4.8	4.63	0.33 / 0.41	1.93 / 2.14	4.7	800
AHM0480-0099-0666	4.8	4.6	0.93 / 1.05	6.47 / 6.84	4.68	6670
AHM0480-0145-0145	4.8	4.58	1.37 / 1.53	1.37 / 1.53	4.68	1960
AHM0480-0168-0337	4.8	4.58	1.6 / 1.76	3.25 / 3.48	4.68	5160
AHM0533-0125-0292	5.33	5.08	1.19 / 1.3	2.79 / 3.05	5.19	3600
AHM0538-0027-0179	5.38	5.19	0.23 / 0.305	1.7 / 1.88	5.26	530
AHM0538-0037-0179	5.38	5.19	0.33 / 0.41	1.7 / 1.88	5.26	710
AHM0541-0078-0097	5.41	5.19	0.73 / 0.82	0.91 / 1.02	5.28	800
AHM0589-0049-0102	5.89	5.67	0.44 / 0.53	0.96 / 1.07	5.77	530
AHM0635-0125-0128	6.35	6.05	1.19 / 1.3	1.21 / 1.35	6.15	1650
AHM0640-0027-0102	6.4	6.15	0.23 / 0.305	0.96 / 1.07	6.25	310
AHM0640-0027-0191	6.4	6.15	0.23 / 0.305	1.8 / 2.01	6.25	580
AHM0640-0027-0384	6.4	6.15	0.23 / 0.305	3.7 / 3.97	6.25	1160
AHM0640-0047-0102	6.4	6.15	0.43 / 0.51	0.96 / 1.07	6.25	530
AHM0640-0064-0181	6.4	6.15	0.6 / 0.67	1.7 / 1.91	6.25	1250
AHM0640-0090-0179	6.4	6.13	0.86 / 0.94	1.7 / 1.88	6.23	1690
AHM0640-0192-0192	6.4	6.08	1.82 / 2.01	1.82 / 2.01	6.2	3470
AHM0640-0225-0449	6.4	6.08	2.13 / 2.37	4.34 / 4.63	6.2	9160
AHM0662-0105-0495	6.62	6.33	0.99 / 1.1	4.82 / 5.08	6.43	5430
AHM0662-0163-0521	6.62	6.3	1.54 / 1.71	5.08 / 5.34	6.43	8320

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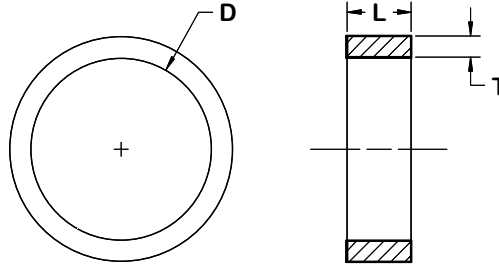
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## Product Document

### UniLok, Rectangular Section, Heat-To-Recover, Metric Units

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Product Description	D Minimum Supplied	D Maximum Recovered	T Supplied	L Supplied	Minimum Substrate Diameter <sup>⚠</sup>	Nominal Clamping Force (N) <sup>⚠</sup>
AHM0762-0254-0800	7.62	7.22	2.41 / 2.67	7.79 / 8.21	7.37	18730
AHM0762-0320-0800	7.62	7.19	3.04 / 3.36	7.79 / 8.21	7.35	22330
AHM0795-0137-0128	7.95	7.57	1.29 / 1.45	1.21 / 1.35	7.7	1820
AHM0800-0032-0204	8	7.68	0.28 / 0.356	1.93 / 2.14	7.8	800
AHM0800-0032-0480	8	7.68	0.28 / 0.356	4.64 / 4.96	7.8	1780
AHM0800-0060-0121	8	7.68	0.55 / 0.64	1.14 / 1.27	7.8	800
AHM0800-0060-0470	8	7.68	0.55 / 0.64	4.54 / 4.86	7.8	3250
AHM0800-0112-0225	8	7.65	1.06 / 1.17	2.13 / 2.37	7.78	2670
AHM0800-0230-0241	8	7.65	2.18 / 2.42	2.28 / 2.54	7.8	5290
AHM0800-0281-0560	8	7.6	2.66 / 2.95	5.43 / 5.77	7.75	14320
AHM0812-0052-0204	8.12	7.8	0.48 / 0.56	1.93 / 2.14	7.93	1160
AHM0812-0343-0788	8.12	7.73	3.27 / 3.59	7.69 / 8.06	7.88	23530
AHM0833-0057-0183	8.33	8.01	0.53 / 0.61	1.72 / 1.94	8.13	1160
AHM0960-0040-0287	9.6	9.23	0.35 / 0.44	2.76 / 2.98	9.38	1290
AHM0960-0040-0577	9.6	9.23	0.35 / 0.44	5.61 / 5.92	9.35	2580
AHM0960-0073-0179	9.6	9.2	0.68 / 0.77	1.7 / 1.88	9.35	1420
AHM0960-0135-0268	9.6	9.17	1.27 / 1.43	2.56 / 2.8	9.33	3870
AHM0960-0163-0105	9.6	9.17	1.54 / 1.71	0.99 / 1.1	9.33	1780
AHM0960-0289-0288	9.6	9.12	2.74 / 3.03	2.76 / 3	9.33	7830
AHM0960-0336-0672	9.6	9.12	3.2 / 3.51	6.55 / 6.89	9.3	20590
AHM0995-0040-0305	9.95	9.56	0.35 / 0.44	2.92 / 3.18	9.71	1330
AHM1005-0040-0356	10.05	9.66	0.35 / 0.44	3.42 / 3.69	9.81	1650
AHM1010-0102-0102	10.1	9.66	0.96 / 1.07	0.96 / 1.07	9.81	1160
AHM1046-0193-0386	10.46	9.99	1.82 / 2.04	3.73 / 3.99	10.16	7650
AHM1054-0047-0216	10.54	10.11	0.43 / 0.51	2.05 / 2.27	10.27	1160
AHM1059-0216-0216	10.59	10.14	2.05 / 2.27	2.05 / 2.27	10.32	4710
AHM1120-0336-0337	11.2	10.62	3.2 / 3.51	3.25 / 3.48	10.83	10680
AHM1155-0089-0230	11.55	11.08	0.83 / 0.94	2.18 / 2.42	11.26	2270
AHM1196-0183-0230	11.96	11.43	1.72 / 1.94	2.18 / 2.42	11.64	4400
AHM1254-0052-0437	12.54	12.04	0.48 / 0.56	4.24 / 4.5	12.22	2580
AHM1282-0097-0193	12.82	12.3	0.91 / 1.02	1.82 / 2.04	12.48	2090
AHM1282-0179-0358	12.82	12.25	1.7 / 1.88	3.45 / 3.71	12.45	6890
AHM1282-0219-0140	12.82	12.25	2.08 / 2.29	1.32 / 1.48	12.48	3160
AHM1282-0318-0183	12.82	12.17	3.02 / 3.33	1.72 / 1.94	12.4	5690

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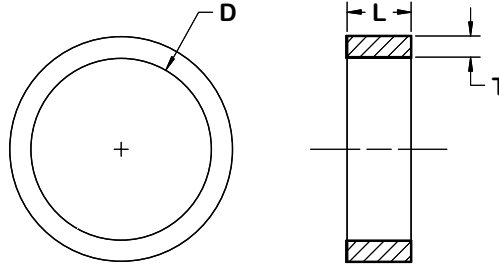
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## Product Document

### UniLok, Rectangular Section, Heat-To-Recover, Metric Units

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Product Description	D Minimum Supplied	D Maximum Recovered	T Supplied	L Supplied	Minimum Substrate Diameter <sup>△</sup>	Nominal Clamping Force (N) <sup>△</sup>
AHM1282-0386-0385	12.82	12.17	3.7 / 4.02	3.7 / 3.99	12.4	13970
AHM1282-0450-0898	12.82	12.17	4.34 / 4.65	8.78 / 9.17	12.4	36780
AHM1285-0052-0457	12.85	12.32	0.48 / 0.56	4.44 / 4.7	12.53	2710
AHM1285-0052-0762	12.85	12.32	0.48 / 0.56	7.44 / 7.8	12.53	4630
AHM1363-0065-0508	13.63	13.09	0.6 / 0.69	4.92 / 5.24	13.29	3740
AHM1363-0193-0386	13.63	13.01	1.82 / 2.04	3.73 / 3.99	13.24	7920
AHM1397-0128-4445	13.97	13.44	1.21 / 1.35	43.94 / 44.96	13.67	62760
AHM1414-0065-0204	14.14	13.59	0.6 / 0.69	1.93 / 2.14	13.8	1510
AHM1414-0117-0216	14.14	13.59	1.11 / 1.22	2.05 / 2.27	13.82	2850
AHM1414-0117-2540	14.14	13.59	1.11 / 1.22	25.01 / 25.79	13.82	33230
AHM1414-0259-4445	14.14	13.52	2.46 / 2.72	43.94 / 44.96	13.75	118450
AHM1473-0155-0432	14.73	14.03	1.47 / 1.63	4.19 / 4.45	14.25	7340
AHM1473-0200-1200	14.73	14.05	1.9 / 2.11	11.73 / 12.25	14.28	25710
AHM1559-0065-0407	15.59	14.97	0.6 / 0.69	3.93 / 4.2	15.19	3020
AHM1559-0065-0508	15.59	14.97	0.6 / 0.69	4.92 / 5.24	15.19	3740
AHM1559-0065-1905	15.59	14.94	0.6 / 0.69	18.69 / 19.41	15.17	14370
AHM1602-0057-0954	16.02	15.37	0.53 / 0.61	9.32 / 9.76	15.63	6270
AHM1602-0121-0240	16.02	15.35	1.14 / 1.27	2.28 / 2.52	15.6	3250
AHM1602-0225-0449	16.02	15.3	2.13 / 2.37	4.34 / 4.63	15.58	10720
AHM1602-0272-0173	16.02	15.27	2.59 / 2.85	1.65 / 1.81	15.55	4890
AHM1602-0480-0482	16.02	15.24	4.64 / 4.96	4.67 / 4.96	15.55	21800
AHM1602-0480-1016	16.02	15.17	4.64 / 4.96	9.93 / 10.39	15.47	46040
AHM1602-0480-1143	16.02	15.17	4.64 / 4.96	11.2 / 11.66	15.47	51770
AHM1602-0562-1122	16.02	15.24	5.46 / 5.77	10.97 / 11.46	15.55	57380
AHM1678-0065-0813	16.78	16.08	0.6 / 0.69	7.95 / 8.31	16.34	6050
AHM1678-0193-0386	16.78	16.01	1.82 / 2.04	3.73 / 3.99	16.26	8100
AHM1791-0866-0762	17.91	17.02	8.55 / 8.77	7.49 / 7.75	17.4	55380
AHM1922-0061-0230	19.22	18.45	0.55 / 0.67	2.18 / 2.42	18.72	1650
AHM1922-0078-0508	19.22	18.45	0.73 / 0.82	4.92 / 5.24	18.72	4580
AHM1922-0078-1042	19.22	18.45	0.73 / 0.82	10.18 / 10.65	18.72	9390
AHM1925-0145-0288	19.25	18.45	1.37 / 1.53	2.76 / 3	18.72	4710
AHM1925-0216-1296	19.25	18.42	2.05 / 2.27	12.75 / 13.16	18.72	30510
AHM1925-0269-0539	19.25	18.37	2.56 / 2.82	5.23 / 5.54	18.7	15480
AHM1925-0328-0209	19.25	18.34	3.12 / 3.43	1.98 / 2.19	18.67	7120

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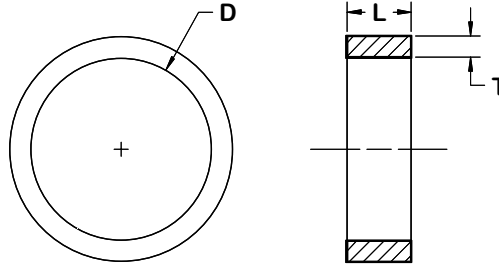
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## Product Document

**UniLok, Rectangular Section,  
 Heat-To-Recover, Metric Units**

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Product Description	D Minimum Supplied	D Maximum Recovered	T Supplied	L Supplied	Minimum Substrate Diameter <sup>△</sup>	Nominal Clamping Force (N) <sup>△</sup>
AHM1925-0577-0578	19.25	18.27	5.61 / 5.92	5.61 / 5.95	18.65	31490
AHM1925-0673-1348	19.25	18.27	6.57 / 6.89	13.2 / 13.75	18.65	82820
AHM2042-0856-0958	20.42	19.36	8.43 / 8.69	9.42 / 9.73	19.79	71520
AHM2245-0078-0635	22.45	21.54	0.73 / 0.82	6.19 / 6.51	21.87	5780
AHM2245-0078-1336	22.45	21.54	0.73 / 0.82	13.1 / 13.62	21.87	12280
AHM2245-0169-0337	22.45	21.49	1.6 / 1.78	3.25 / 3.48	21.85	6410
AHM2245-0315-0629	22.45	21.42	2.99 / 3.31	6.12 / 6.46	21.8	21080
AHM2245-0381-0241	22.45	21.39	3.65 / 3.97	2.28 / 2.54	21.77	9560
AHM2245-0381-1000	22.45	21.39	3.65 / 3.97	9.77 / 10.22	21.77	39590
AHM2245-0673-0673	22.45	21.34	6.57 / 6.89	6.5 / 6.96	21.77	42790
AHM2245-0785-1572	22.45	21.34	7.69 / 8.01	15.41 / 16.03	21.77	112620
AHM2430-0125-0969	24.3	23.3	1.19 / 1.3	9.47 / 9.91	23.65	13920
AHM2565-0089-0292	25.65	24.59	0.83 / 0.94	2.79 / 3.05	24.97	3020
AHM2565-0089-1526	25.65	24.59	0.83 / 0.94	14.96 / 15.55	24.97	16060
AHM2565-0193-0385	25.65	24.54	1.82 / 2.04	3.7 / 3.99	24.95	8360
AHM2565-0358-0719	25.65	24.49	3.42 / 3.74	7.01 / 7.37	24.9	27490
AHM2565-0358-1016	25.65	24.47	3.42 / 3.74	9.93 / 10.39	24.9	38790
AHM2565-0770-0770	25.65	24.39	7.54 / 7.85	7.51 / 7.88	24.87	55870
AHM2565-0899-1796	25.65	24.39	8.83 / 9.15	17.62 / 18.29	24.9	147050
AHM2870-0508-0254	28.7	27.34	4.92 / 5.24	2.43 / 2.65	27.82	13340
AHM2870-0508-0508	28.7	27.34	4.92 / 5.24	4.92 / 5.24	27.82	26690
AHM2885-0508-0254	28.85	27.49	4.92 / 5.24	2.43 / 2.65	27.97	13340
AHM3136-0089-0699	31.36	30.05	0.83 / 0.94	6.83 / 7.14	30.51	7340
AHM3307-0065-0501	33.07	31.68	0.6 / 0.69	4.85 / 5.16	32.16	3780
AHM3845-0073-1016	38.45	36.89	0.68 / 0.77	9.93 / 10.39	37.44	8580
AHM3845-0153-0508	38.45	36.83	1.44 / 1.61	4.92 / 5.24	37.42	9030
AHM4292-0281-0635	42.92	41.05	2.66 / 2.95	6.19 / 6.51	41.71	20280
AHM4442-0117-0969	44.42	42.6	1.11 / 1.22	9.47 / 9.91	43.26	13390
AHM4521-0813-2284	45.21	43.01	8.02 / 8.23	22.58 / 23.09	43.77	191260
AHM5128-0292-1804	51.28	49.1	2.76 / 3.08	17.7 / 18.37	49.89	60050
AHM5511-0584-0368	55.11	52.63	5.68 / 6	3.55 / 3.81	53.52	23620
AHM5857-0153-2210	58.57	56.11	1.44 / 1.61	21.92 / 22.28	56.98	39810
AHM5930-0219-0219	59.3	56.77	2.08 / 2.29	2.08 / 2.29	57.66	5560
AHM6070-0102-1270	60.7	58.42	0.96 / 1.07	12.44 / 12.96	59.31	15390
AHM6522-0230-0230	65.22	62.46	2.18 / 2.42	2.18 / 2.42	63.43	6140

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