

AM 54

Description

Product group	Wiper
Design	M with metal bonded fit
Profile no.	54
Material	TPU 95 3401, steel acc. to DIN EN 10139

Operational application limits

Temperature (°C): -40 to +100
Running speed (m/s): ≤ 1

Media

Hydraulic oils acc. to DIN 51524 Part 1 - 3, lubricating oils, mineral oil based lubricating greases, highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

Function

The AM 54 is a single-acting wiper. Because it is pressed against the rod, dirt is wiped from the surface by the action of the rod as it retracts. On the outer diameter, a metal caged ring is vulcanised onto the TPU body.

Installation

The AM 54 wiper can be installed in an axially accessible housing. The advantage lies in the simple design of the installation housing and practical easy installation, in particular with smaller diameters. Please note that the installation housing has to be designed with light chamfering (see table page 8).

Remarks

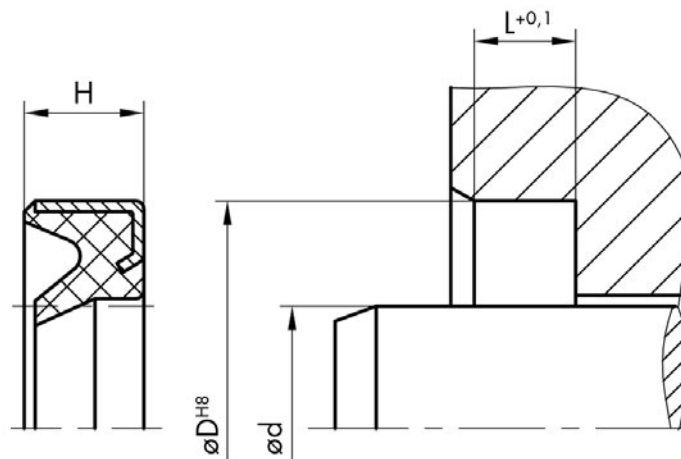
The metal caged ring ensures the functionally correct fit of the wiper in the installation housing due to a press fit allowance. The design of the metal caged ring leaves only a small surface area open to attack by corrosive media. Wipers made of TPU are well suited for applications in mobile hydraulics which are subjected to heavy dirt loads. Due to the good wear resistance of Polyurethane, the AM 54 has a long service life. The AM 54 can also be used as a bolt wiper with swivel movements in mobile hydraulic systems.

Order code

Please include our item numbers in your order. Should you require non-standard dimensions, materials or material combinations, please use the order code on page 12.

Any seal. Any time.

All the items in our standard programme (marked red) are standard stock items. For all other items, please check the availability at www.dichtomatik.de.



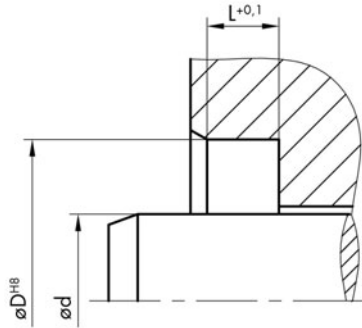
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Sizes

Item No.	Code	d	D	L	H
127755	AM 54	16	23	5	5
127756	AM 54	20	28	5	5
45999	AM 54	25	32	7	7
45261	AM 54	25	38	7.5	7.5
45262	AM 54	30	40	4	4
44133	AM 54	30	43	7.5	7.5
21753	AM 54	35	45	4	4
83972	AM 54	35	50	7.5	7.5
46000	AM 54	36	46	7	7
45268	AM 54	38	50	7.5	7.5
122990	AM 54	38.1	50.8	6.35	6.35
158766	AM 54	38.1	50.8	7.93	7.93
45269	AM 54	40	50	4	4
45271	AM 54	40	52	6	6
108627	AM 54	40	52	7	7
122987	AM 54	41.27	53.97	6.35	6.35
158892	AM 54	44	61.9	10	10
122991	AM 54	44.45	57.15	6.35	6.35
118013	AM 54	45	55	3.2	3.2
45273	AM 54	45	55	4	4
106815	AM 54	45	55	5	5
108631	AM 54	45	57	7	7
45274	AM 54	45	60	7.5	7.5
122988	AM 54	47.62	60.32	6.35	6.35
28283	AM 54	50	60	4	4
106814	AM 54	50	60	5	5
46001	AM 54	50	60	7	7
108633	AM 54	50	62	7	7
28287	AM 54	50	65	7.5	7.5
45316	AM 54	50.8	63.5	7.93	7.93
118015	AM 54	55	65	3.2	3.2
68549	AM 54	55	69	8	8
7841	AM 54	55	70	7.5	7.5
108623	AM 54	57.15	69.85	7.93	7.93
128204	AM 54	59.56	69.26	5.33	5.33
106813	AM 54	60	70	5	5
68551	AM 54	60	74	8	8
45279	AM 54	60	75	7.5	7.5
124877	AM 54	60	75	8	8
28311	AM 54	63	78	7.5	7.5
45325	AM 54	63.5	76.2	7.93	7.93
45301	AM 54	65	75	7	7
68550	AM 54	65	79	8	8
45286	AM 54	65	80	7.5	7.5
128205	AM 54	69.57	79.37	5.33	5.33
118474	AM 54	69.85	82.55	7.93	7.93
108629	AM 54	70	80	7	7
28314	AM 54	70	84	7.5	7.5
68555	AM 54	70	84	8	8
41843	AM 54	70	85	7.5	7.5
84293	AM 54	70	85	8	8
28315	AM 54	71	86	5	5
68554	AM 54	75	89	8	8
89706	AM 54	75	90	7.5	7.5
45332	AM 54	76.2	88.9	7.93	7.93

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Item No.	Code	d	D	L	H
128206	AM 54	79.52	89.36	5.33	5.33
161478	AM 54	80	90	3.18	3.18
108632	AM 54	80	90	7	7
68556	AM 54	80	94	8	8
7234	AM 54	80	95	5	5
45289	AM 54	80	95	7.5	7.5
124879	AM 54	80	95	8	8
73263	AM 54	80	100	10	10
68552	AM 54	85	99	8	8
164933	AM 54	85	100	6	6
45297	AM 54	85	105	10	10
122986	AM 54	88.9	101.6	9.52	9.52
128207	AM 54	89.6	99.57	5.33	5.33
108636	AM 54	90	100	7	7
68558	AM 54	90	104	8	8
45299	AM 54	90	105	6	6
156571	AM 54	90	105	8	8
151640	AM 54	90	106	8	8
124878	AM 54	90	110	8	8
73264	AM 54	90	110	10	10
130163	AM 54	95	110	8	8
122996	AM 54	95.25	107.95	9.52	9.52
108638	AM 54	100	114	8	8
28360	AM 54	100	115	6.5	6.5
28357	AM 54	100	115	7.5	7.5
160514	AM 54	100	115	8	8
108639	AM 54	100	115	9	9
151641	AM 54	100	116	8	8
124880	AM 54	100	120	8	8
73265	AM 54	100	120	10	10
122997	AM 54	101.6	114.3	9.52	9.52
130164	AM 54	110	125	8	8
45310	AM 54	110	125	9	9
151638	AM 54	110	126	8	8
108640	AM 54	110	126	9	9
165006	AM 54	110	130	8	8
156998	AM 54	110	130	9	9
93001	AM 54	110	130	10	10
28374	AM 54	115	130	8	8
150047	AM 54	120	135	8	8
108635	AM 54	120	136	9	9
108641	AM 54	120	140	8	8
45312	AM 54	120	140	10	10
124881	AM 54	120	150	12	12
28377	AM 54	130	145	7.5	7.5
28348	AM 54	130	146	9	9
130414	AM 54	130	150	7.5	7.5
158307	AM 54	130	150	8	8
161086	AM 54	130	150	10	10
155648	AM 54	130	154	8	8
161087	AM 54	130	160	12	12
115449	AM 54	140	160	10	10
130415	AM 54	140	162	7.5	7.5
150049	AM 54	150	175	9	9
28380	AM 54	160	175	10	10

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Item No.	Code	d	D	L	H
155649	AM 54	160	180	10	10
150068	AM 54	160	190	9	9
150069	AM 54	170	190	9	9
150048	AM 54	170	200	10	10
161061	AM 54	180	200	10	10