



AE 42

Description

Product group	Wiper
Design	E single-acting
Profile no.	42
Material	TPU 90 3001

Operational application limits

Temperature (°C): -40 to +100
Running speed (m/s): ≤2

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 AE 42 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.

Installation

The wiper is installed in a semi-closed
axial groove.

Remarks

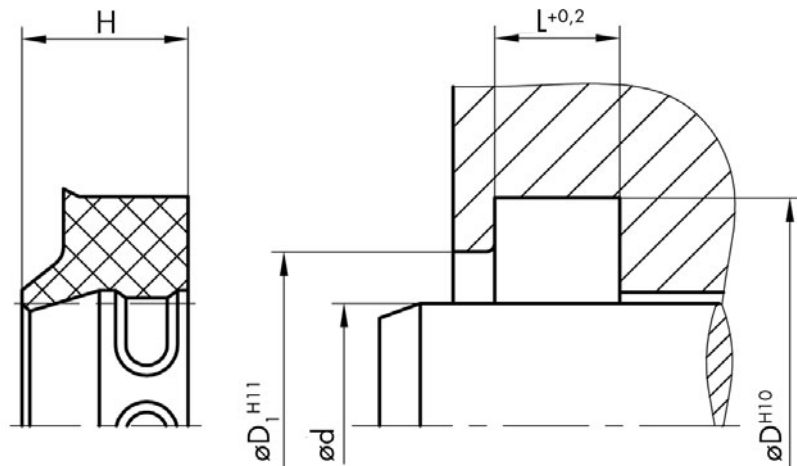
Wipers made of TPU are particularly
well suited to applications in mobile
hydraulics where they are subjected
to a heavy dirt load. Due to the good
wear resistance of polyurethane, the
AE 42 has a particularly long service
life. AE 42 standard dimensions have
pads on the inner diameter which
support the correct functional fit.

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.



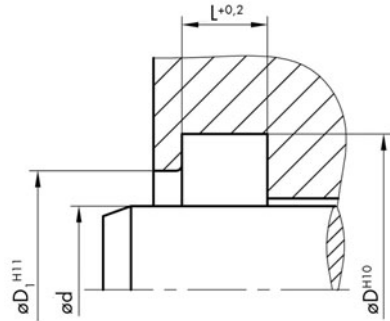
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Sizes

Item No.	Code	d	Dn	D	D ₁	H	L
173625	AE 42	5	12	12	9	4	2.8
173626	AE 42	8	14	14.6	11	4.5	3.8
22857	AE 42	10	16	16.6	13	5	3.8
173627	AE 42	12	18	18.6	15	5	3.8
173628	AE 42	14	20	20.6	17	5	3.8
22860	AE 42	15	21	21.6	18	5	3.8
22861	AE 42	16	22	22.6	19	5	3.9
62250	AE 42	16	22	22.6	19	4	3
117133	AE 42	16	24	24.6	19	7	5.3
22862	AE 42	18	24	24.6	21	5	3.8
117134	AE 42	18	26	26.6	21	7	5.3
62205	AE 42	20	26	26	23	4.5	3.4
22863	AE 42	20	28	28.6	23	7	5.3
133177	AE 42	20	28	28.3	23.8	7	5
22864	AE 42	22	30	30.6	25	7	5.3
22866	AE 42	25	33	33.6	28	7	5.3
133178	AE 42	25	33	33.3	29.2	7	5
22867	AE 42	28	36	36.6	31	7	5.3
22868	AE 42	30	38	38.6	33	7	5.3
62208	AE 42	30	40	40	34.5	4	3
22869	AE 42	32	40	40.6	35	7	5.3
62209	AE 42	32	40	40	35	5	3.8
22870	AE 42	35	43	43.6	38	7	5.3
22872	AE 42	36	44	44.6	39	7	5.3
22873	AE 42	38	46	46.6	41	7	5.3
22874	AE 42	40	48	48.6	43	7	5.3
122095	AE 42	40	48	48.6	43	7	4.3
22875	AE 42	42	50	50.6	45	7	5.3
22876	AE 42	45	53	53.6	48	7	5.3
44579	AE 42	45	55	55.6	48	7	5.3
173629	AE 42	45	60	60	53	6	4.3
44666	AE 42	48	56	56.6	51	7	5.3
22879	AE 42	50	58	58.6	53	7	5.3
151470	AE 42	50	58	58.6	53	6	4.3
45077	AE 42	50	60	60.6	53	7	5.3
173630	AE 42	50	65	65.6	53	6	4.3
173631	AE 42	53	61	61.6	56	7	5.3
173632	AE 42	55	63	63.6	58	7	5.3
62212	AE 42	55	65	65.6	58	7	5.3
22883	AE 42	56	64	64.6	59	7	5.3
62213	AE 42	56	66	66.6	59	7	5.3
22884	AE 42	60	68	68.6	63	7	5.3
173645	AE 42	60	70	70.6	66.5	7	5.5
90182	AE 42	60	70	70.6	63	7	5.3
115501	AE 42	61	67	67.6	64	7	5.3
22885	AE 42	63	71	71.6	66	7	5.3
90183	AE 42	63	73	73.6	66	7	5.3
173633	AE 42	65	73	73.6	68	7	5.3
90184	AE 42	65	75	75.6	68	7	5.3
173634	AE 42	65	76	76.6	71.5	7	6
133367	AE 42	65	77	77.2	71	12	7.2
22888	AE 42	70	78	78.6	73	7	5.3
90185	AE 42	70	80	80.6	73	7	5.3
22889	AE 42	70	82	82.6	76	12	7.2
173635	AE 42	73	81	81.6	76	7	5.3

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Item No.	Code	d	Dn	D	D ₁	H	L
173646	AE 42	73	83	83.6	76	12	7.2
173636	AE 42	75	83	83.2	78	7	5.3
22892	AE 42	75	87	87.2	81	12	7.2
115502	AE 42	76	82	82.6	81	7	5.3
62217	AE 42	78	86	86.6	81	7	5.3
173647	AE 42	78	88	88.6	84.5	7	5.5
173637	AE 42	78	92	92.2	85	12	7.2
22894	AE 42	80	88	88.6	83	7	5.3
22895	AE 42	80	92	92.2	86	12	7.2
22896	AE 42	85	93	93.6	88	7	5.3
22897	AE 42	85	97	97.2	91	12	7.2
173638	AE 42	90	102	102.2	94	8	6
22898	AE 42	90	102	102.2	96	12	7.2
115503	AE 42	91	97	97.6	94	7	5.3
22900	AE 42	95	107	107.2	101	12	7.2
62220	AE 42	97	105	105	100	7	5
22901	AE 42	100	112	112.2	106	12	7.2
135247	AE 42	100	120			10	7.2
72716	AE 42	105	113	113.6	108	7	5.3
22902	AE 42	105	117	117.2	111	12	7.2
115504	AE 42	107	113	113.6	110	7	5.3
70891	AE 42	110	118			7	5.3
22903	AE 42	110	122	122.2	116	12	7.2
62223	AE 42	112	124	124.2	118	12	7.1
22904	AE 42	115	127	127.2	121	12	7.2
173648	AE 42	118	126	126	121	7	5
152481	AE 42	119	134	134.5	127.7	12.3	9.5
72717	AE 42	120	128	128.6	123	7	5.3
62225	AE 42	120	130	130.6	126.5	7	5.5
22905	AE 42	120	132	132.2	126	12	7.2
82767	AE 42	125	135			16	10.2
22906	AE 42	125	137	137.6	131	12	7.2
90186	AE 42	125	140	140	132.5	16	10.2
173649	AE 42	128	140	140.2	134	12	7.2
160552	AE 42	128	143.4	143.4	134.4	9.5	7.5
22907	AE 42	130	142	142.2	136	12	7.1
173393	AE 42	135	147	147	141	12	7.2
72718	AE 42	140	148	148.6	143	7	5.3
62227	AE 42	140	148	148.6	143	7	6
173639	AE 42	140	152	152.2	146	12	7.2
62228	AE 42	140	155	155	147.5	15	9
90187	AE 42	140	155	155	147.5	16	10.2
173650	AE 42	143	151	151	146	7	5.5
173640	AE 42	145	157	157.2	151	12	7.2
22911	AE 42	150	162	162	156	12	7.2
90188	AE 42	150	165	165	157.5	16	10.2
160554	AE 42	152	167.4	167.4	158.4	9.5	7.5
115111	AE 42	160	168	168.6	163		5.3
173394	AE 42	160	172	172	166	12	7.2
22912	AE 42	160	175	175	167.5	16	10.2
62233	AE 42	170	178	178.6	173	7	5.3
173641	AE 42	170	185	185	177.5	16	10.2
134962	AE 42	175	190			16	10.2
160555	AE 42	180	195.4	195.4	186.4	9.5	7.5
90189	AE 42	180	200	200	190	18	10.2

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Item No.	Code	d	Dn	D	D ₁	H	L
62235	AE 42	190	210	210	199	18	10.2
80617	AE 42	195	210	210	202.5	16	10.2
22917	AE 42	200	215	215.2	208	16	10.2
90190	AE 42	200	220	220	210	18	10.2
69875	AE 42	205	213	213.6	208	7	5.3
173642	AE 42	210	225	225.2	218	16	10.2
160556	AE 42	212	227.4	227.4	218.4	9.5	7.5
22919	AE 42	220	235	235	227.6	18	10.2
22920	AE 42	230	245	245.2	238	16	10.1
173643	AE 42	240	255	255.2	248	16	10.2
115579	AE 42	240	300			18	10.2
90341	AE 42	260	280			18	10.2
173644	AE 42	280	300	300	290	18	10.2
84952	AE 42	300	315			15	10.2
28707	AE 42	340	360			15	7.2