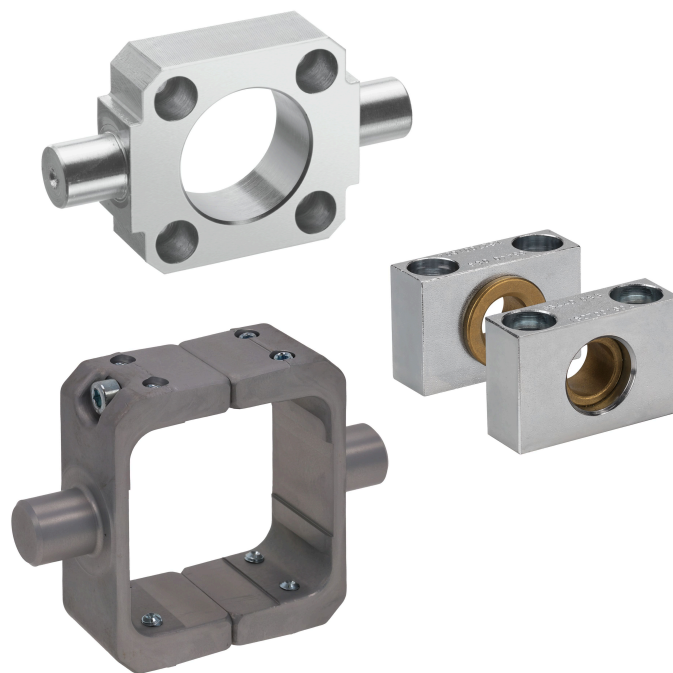


# Schwenzapfenbefestigungen

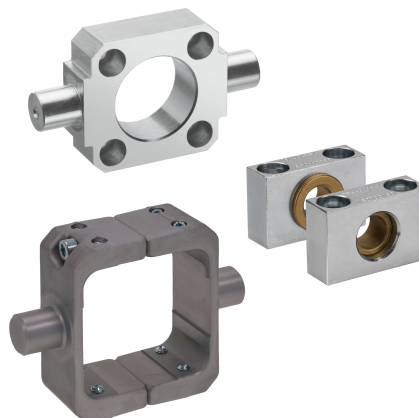


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Schwenkzapfenbefestigungen

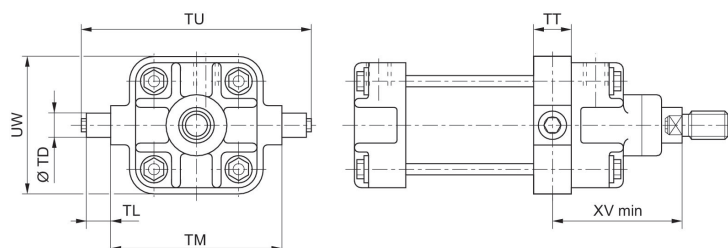


Schwenzapfenbefestigung MT4, Serie CM1

167



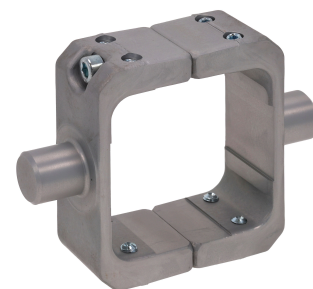
geeigneter Kolbendurchmesser [mm]	Werkstoff	Materialnummer
32	Stahl, verchromt	3672803000
40	Stahl, verchromt	3672804000
50	Stahl, verchromt	3672805000
63	Stahl, verchromt	3672806000
80	Stahl, verchromt	3672808000
100	Stahl, verchromt	3672810000



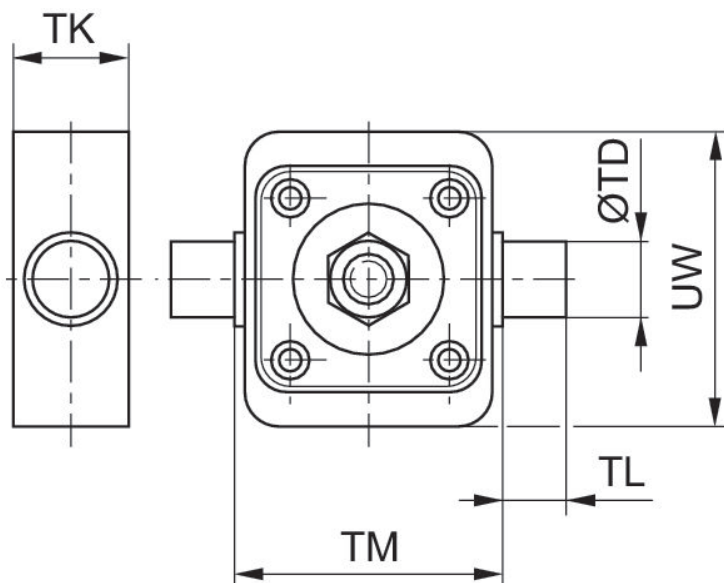
Kolben-Ø	Materialnummer	TT	TD e9	TL h14	TM h14	TU	UW	XV min
32	3672803000	16	12	12	50	74	48	61,5
40	3672804000	23	16	16	63	95	61	74,5
50	3672805000	23	16	10	75	107	71	79,5
63	3672806000	33	20	20	90	130	86	91,5
80	3672808000	33	20	20	110	150	112	100,5
100	3672810000	45	25	25	132	182	134	115,5

Schwenzapfenbefestigung MT4, Serie CM1

PRA



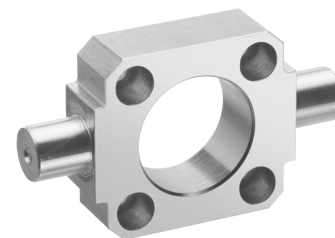
geeigneter Kolbendurchmesser [mm]	Werkstoff	Materialnummer
32	Aluminium	1827003991
40	Aluminium	1827003992
50	Aluminium	1827003993
63	Aluminium	1827003994
80	Aluminium	1827003995
100	Aluminium	1827003996
125	Aluminium	1827003997



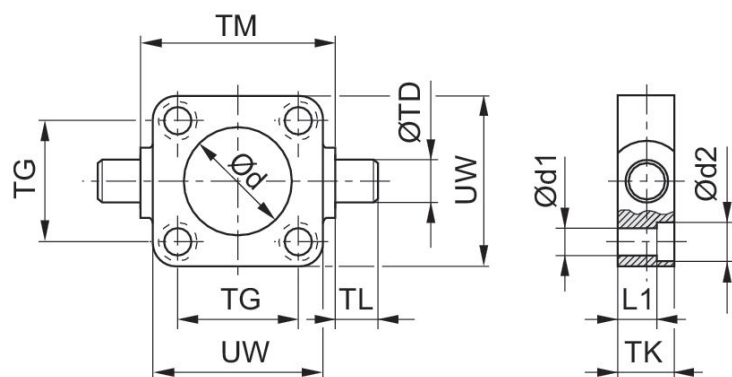
Kolben-Ø	Materialnummer	TD e9	TK max.	TL h14	TM h14	UW
32	1827003991	12	22	12	50	64
40	1827003992	16	27	16	63	72
50	1827003993	16	27	16	75	90
63	1827003994	20	35	20	90	102
80	1827003995	20	35	20	110	125

Kolben-Ø	Material- nummer	TD e9	TK max.	TL h14	TM h14	UW
100	1827003996	25	46	25	132	147
125	1827003997	25	46	25	160	178

Schwenzapfenbefestigung MT5, MT6, Serie CM1



geeigneter Kolbendurchmesser [mm]	Werkstoff	Materialnummer
20	Gusseisen mit Kugelgraphit	1825805360
25	Gusseisen mit Kugelgraphit	1825805361
25	Aluminium	R412026354
32	Gusseisen mit Kugelgraphit	1825805362
32	Gusseisen mit Kugelgraphit	1827001609
40	Gusseisen mit Kugelgraphit	1825805363
40	Gusseisen mit Kugelgraphit	1827001610
50	Gusseisen mit Kugelgraphit	1825805364
50	Gusseisen mit Kugelgraphit	1827001611
63	Gusseisen mit Kugelgraphit	1825805365
63	Gusseisen mit Kugelgraphit	1827002046
80	Gusseisen mit Kugelgraphit	1825805366
80	Gusseisen mit Kugelgraphit	1827001613
100	Gusseisen mit Kugelgraphit	1825805367
100	Gusseisen mit Kugelgraphit	1827001614
125	Gusseisen mit Kugelgraphit	1827001615
160	Gusseisen mit Kugelgraphit	1827001616
200	Gusseisen mit Kugelgraphit	1827001617
250	Gusseisen mit Kugelgraphit	1827001618



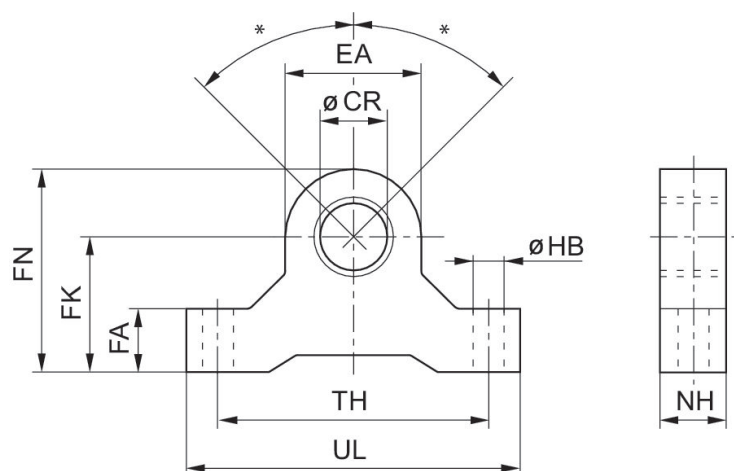
Kolben-Ø	Material-nummer	Ø d H11	Ø d1	Ø d2	L1	TD e9	TG ±0,2	TK	TL h14	TM h14
20	1825805360	18	5.5	10	8	12	22	14	12	38
25	1825805361	22	5.5	10	8	12	26	14	12	42
25	R412026354	24	5.5	10	8	12	26	14	12	42
32	1825805362	32	6.6	10.5	7	12	32	14	12	52
32	1827001609	30	6.6	11	7.5	12	32.5	16	12	50
40	1825805363	46	6.6	11	12	16	42	19	16	63
40	1827001610	35	6.6	11	7.5	16	38	20	16	63
50	1825805364	53	9	14	10	16	50	19	16	75
50	1827001611	40	9	15	10	16	46.5	24	16	75
63	1825805365	69	9	15	15	20	62	24	20	90
63	1827002046	45	9	15	10	20	56.5	24	20	90
80	1825805366	87	11	18	13	20	82	24	20	110
80	1827001613	45	11	18	16	20	72	28	20	110
100	1825805367	55	11	18	18	25	103	29	25	132
100	1827001614	55	11	18	25.5	25	89	38	25	132
125	1827001615	60	14	20	34	25	110	46	25	160
160	1827001616	65	18	26	38	32	140	50	32	200
200	1827001617	75	18	26	40	32	175	60	32	250
250	1827001618	90	22	33	57	40	220	70	40	320

Kolben-Ø	UW
20	35
25	39
25	39
32	46
32	48
40	59
40	56
50	69
50	65
63	84
63	75
80	102
80	100
100	125
100	120
125	145
160	184
200	224
250	286

Lager, Serie CM1



geeigneter Kolbendurchmesser [mm]	Gelenklager-Ø [mm]	Werkstoff	Materialnummer
25	10	Aluminium	3671202000
32	12	Aluminium	3671203000
40, 50	16	Aluminium	3671204000
63, 80	20	Aluminium	3671206000
100, 125	25	Aluminium	3671210000
100	30	Aluminium	3671212000
160, 200	32	Aluminium	3671216000
250, 320	35	Aluminium	3671220000



\* Max. Pendelbewegung für Zylinder mit Gegenlager MP6 mit sphärischem Gelenklager: ±45°

Kolben-Ø	Materialnummer	Ø CR H8	EA	FA	FK ±0,1	FN	HB	NH	TH	UL
25	3671202000	10	16	10	21	29	5.5	10	27	37
32	3671203000	12	19	11	22	32	6.6	11	44	55
40, 50	3671204000	16	28	16	35	49	9	16	65	82
63, 80	3671206000	20	38	19	40	59	9	19	80	99
100, 125	3671210000	25	46	22	48	71	11	22	96	118
100	3671212000	30	56	28	57	88	13	28	114	142
160, 200	3671216000	32	66	32	70	103	17	32	140	172
250, 320	3671220000	35	66	32	70	103	17	32	140	172

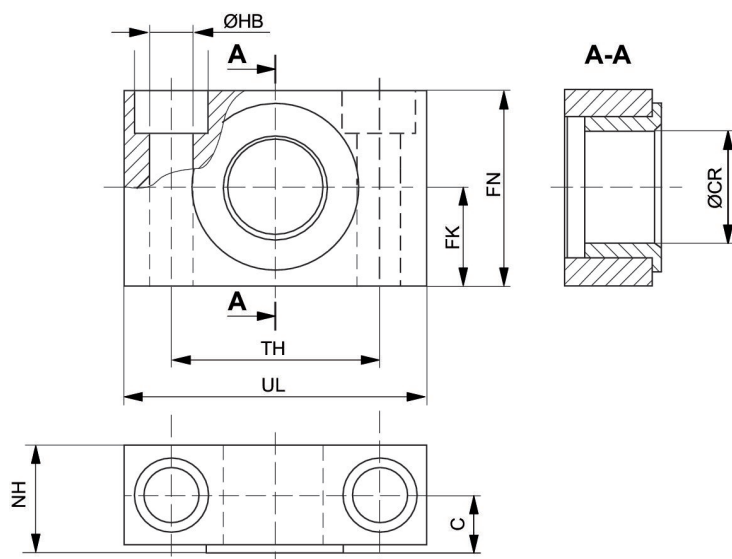


Lager AT4, Serie CM1

ISO 15552



geeigneter Kolbendurchmesser [mm]	Gelenklager-Ø [mm]	Normierung	Werkstoff	Materialnummer
20, 25, 32	12	ISO 15552	Stahl, verchromt	1827001603
40, 50	16	ISO 15552	Stahl, verchromt	1827001604
63, 80	20	ISO 15552	Stahl, verchromt	1827001605
100, 125	25	ISO 15552	Stahl, verchromt	1827001606
160, 200	32	ISO 15552	Stahl, verchromt	1827001607
250	40	ISO 15552	Stahl, verchromt	R412018908
320	40	ISO 15552	Stahl, verchromt	R412018903

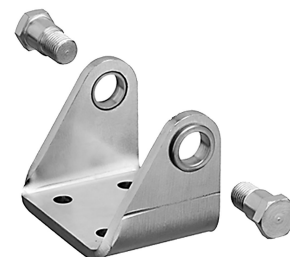


Kolben-Ø	Materialnummer	UL	NH	TH	C	CR H9	HB H13	FN	FK
20, 25, 32	1827001603	46	18	32 ±0,2	10.5	12	6.6	30	15 ±0,1
40, 50	1827001604	55	21	36 ±0,2	12	16	9	36	18 ±0,1
63, 80	1827001605	65	23	42 ±0,2	13	20	11	40	20 ±0,1
100, 125	1827001606	75	28.5	50 ±0,2	16	25	14	50	25 ±0,1
160, 200	1827001607	92	40	60 ±0,3	22.5	32	18	60	30 ±0,2

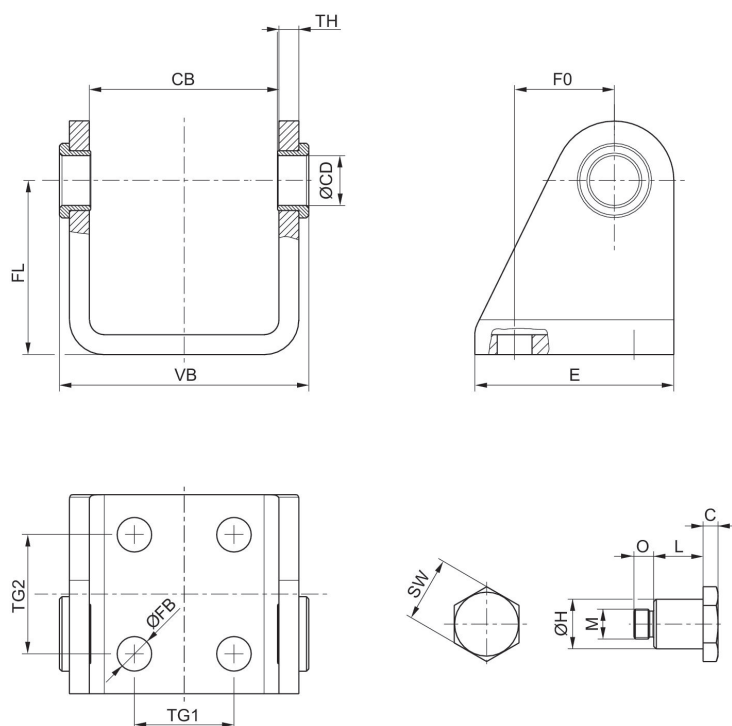
Kolben-Ø	Material- nummer	UL	NH	TH	C	CR H9	HB H13	FN	FK
250	1827001608	140	50	90 ±0,3	27.5	40	22	70	35 ±0,2
320	R412018903	150	60	100	32.5	50	26	80	40

Schwenzapfenbefestigung MP2, Serie CM1

RPC



geeigneter Kolbendurchmesser [mm]	Werkstoff	Materialnummer
32	Stahl, verchromt	R412019988
40	Stahl, verchromt	R412019989
50	Stahl, verchromt	R412019990
63	Stahl, verchromt	R412019991



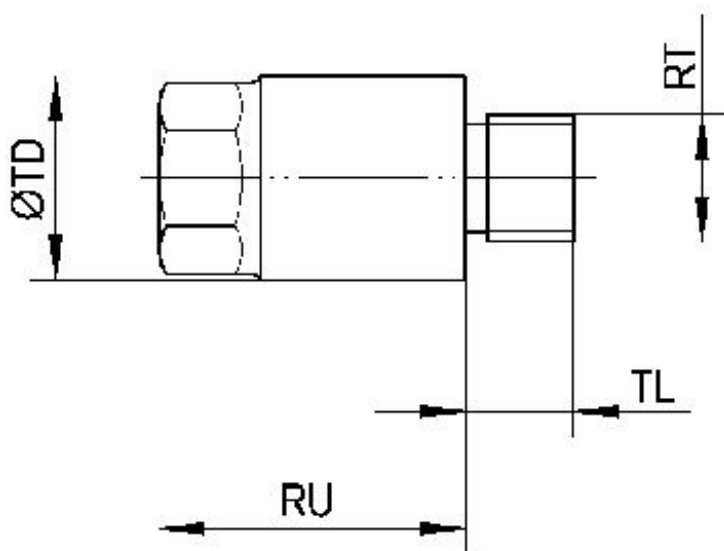
Kolben-Ø	Materialnummer	C	CB	Ø CD H9	E	Ø FB	FL	F0	Ø H e9	L
32	R412019988	3	38.1	10	40	7	35	20	10	9.9
40	R412019989	3	46.1	12	50	9	40	27	12	10.4
50	R412019990	4	57.1	14	54	9	45	30	14	12.9
63	R412019991	4	70.1	16	65	9	50	34	16	13.9

Kolben-Ø	M	O	SW	TG1	TG2	TH	VB
32	M6x0,5	4	13	20	24	4	50.1
40	M6x0,5	4	17	28	30	5	60.1
50	M8x0,75	7	19	36	34	6	74.1
63	M8x0,75	7	19	42	35	6	87.1

Befestigungsbolzen



geeigneter Kolbendurchmesser [mm]	Werkstoff	Materialnummer
32	Nichtrostender Stahl	2992113030
40	Nichtrostender Stahl	2992113040
50	Nichtrostender Stahl	2992113050
63	Nichtrostender Stahl	2992113060
80	Nichtrostender Stahl	2992113080



Kolben-Ø	Materialnummer	RT	RU	Ø TD h9	TL
32	2992113030	M6x0,5	17	12	5
40	2992113040	M6x0,5	17	12	6
50	2992113050	M8x0,75	20	16	7.5
63	2992113060	M10x1	24	16	8.5
80	2992113080	M12x1	27	16	16

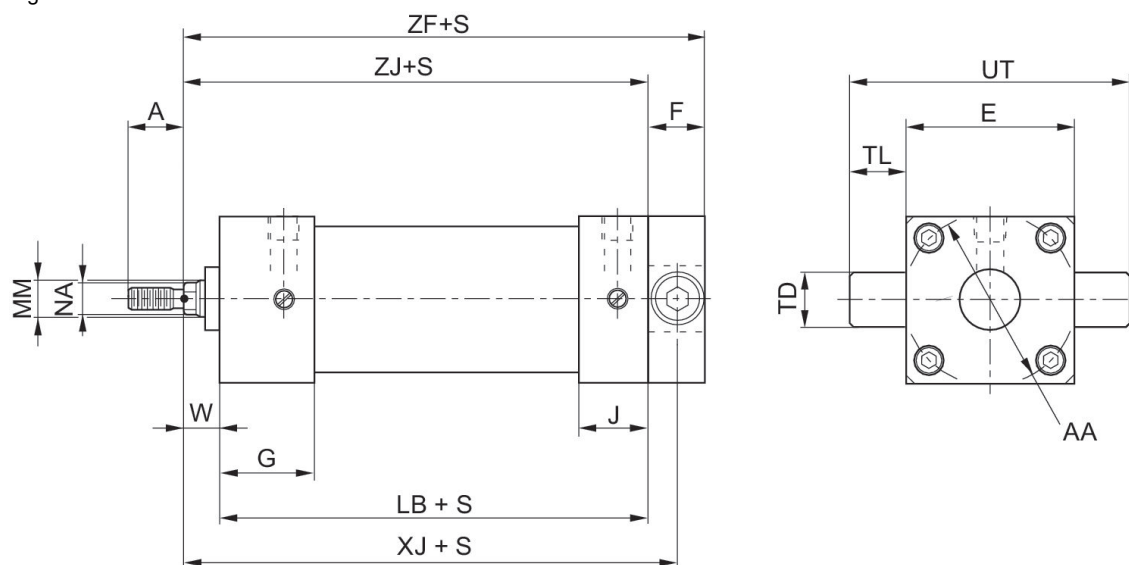
Schwenzapfenbefestigung, Serie MT1, MT2

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geeigneter Kolbendurchmesser [mm]	Werkstoff	Materialnummer
38.1	Aluminium-Druckguss	R432013510
50.8	Aluminium-Druckguss	R432013507
63.5	Aluminium-Druckguss	R432013513
82.55	Aluminium-Druckguss	R432013489
101.6	Aluminium-Druckguss	R432013516

Fig. 2



S = Hub

Abmessungen in inch

Ø	Materialnummer	MM	E	F	W	AA	LB	TD	TL	UT
1.5	R432013510	0.625	2.00	1.00	1.38	2.02	3.98	1.00	1.00	4.00
2.0	R432013507	0.625	2.5	1.00	1.38	2.6	3.98	1.00	1.00	4.5
2.5	R432013513	0.625	3.00	1.00	1.38	3.1	4.1	1.00	1.00	5.00
3.25	R432013489	1.00	3.75	1.00	1.5	3.90	4.86	1.00	1.00	5.77
4.0	R432013516	1.00	4.50	1.00	1.5	4.70	4.86	1.00	1.00	6.49

Ø	XJ	ZF	ZJ
1.5	5.1	5.63	4.6
2.0	5.1	5.63	4.6
2.5	5.22	5.75	4.72
3.25	6.11	6.63	5.61
4.0	6.11	5.63	5.61

**Abmessungen in inch**

Ø	Material-nummer	MM	E	F	W	AA	LB	TD	TL	UT
1.5	R432013510	0.625	2.00	1.00	1.38	2.02	3.98	1.00	1.00	4.00
2.0	R432013507	0.625	2.5	1.00	1.38	2.6	3.98	1.00	1.00	4.5
2.5	R432013513	0.625	3.00	1.00	1.38	3.1	4.1	1.00	1.00	5.00
3.25	R432013489	1.00	3.75	1.00	1.5	3.90	4.86	1.00	1.00	5.77
4.0	R432013516	1.00	4.50	1.00	1.5	4.70	4.86	1.00	1.00	6.49

Ø	XG	ZJ
1.5	0.12	5.6
2.0	0.12	5.6
2.5	0.12	5.72
3.25	0.25	6.61
4.0	0.25	6.61

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