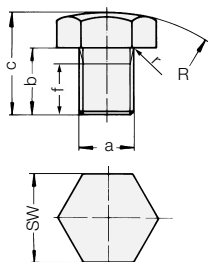


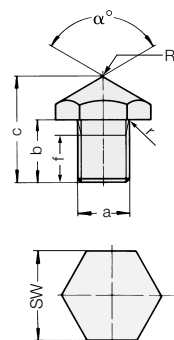
Contact Bolts for block cylinders



Contact bolts, dome head, surface hardened

for nom. cyl. Ø D	a	b	c	f	R	r	SW	Max. tight- ening torque [Nm]	Part no.
12	M 5	9	19	7	20	0.3	8	4	3614027
16	M 6	10	20	8	20	0.3	10	7	3614016
12/16	M 6	6	9.5	5	20	0.3	10	7	• 3614039
25	M 8	10	20	8	20	0.3	11	18	3614001
25	M 10	12	22	9.5	35	0.3	17	32	3614002
20/25	M 8	8	13	6	25	0.3	13	18	• 3614038
32/40	M 12	12	22	9	45	0.3	19	60	3614028
40	M 16	20	30	16	60	0.3	24	150	3614003
50	M 20	25	35	20	60	0.3	30	300	3614015
63	M 27	30	47	24	100	0.3	41	770	3614017
80	M 30	35	54	29	100	0.3	46	1000	3614018
100	M 42	45	71	38	140	0.3	65	2800	3614019
125	M 48	60	90	50	250	1.6	75	4200	3614020

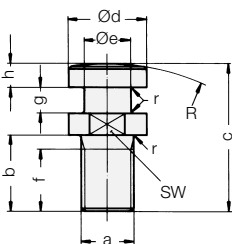
• not hardened for threaded-body cylinders B 1.460 and B 1.461



Contact bolts, cone head, surface hardened

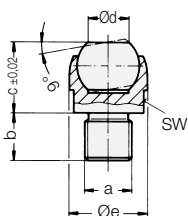
for nom. cyl. Ø D	a	b	c	f	α°	R	r	SW	Max. tight- ening torque [Nm]	Part no.
12	M 5	9	16	7	120	1	0.3	8	4	3614033
12/16	M 6	6	18	4	90	1	0.3	10	7	*3614068
16	M 6	10	22	8	90	1	0.3	10	7	3614032
20/25	M 8	8	22	6	90	1	0.3	13	18	3614069
25	M 10	12	27	9.5	90	1	0.3	17	32	3614021
32	M 12	12	25	8	120	1	0.3	19	60	3614031
40	M 16	20	35	16	120	1	0.3	24	150	3614022
50	M 20	25	40	20	120	2	0.3	30	300	3614023

* for threaded-body cylinders B 1.460 and B 1.461



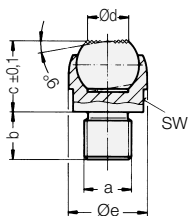
Contact bolts with coupling pins, hardened and tempered, max. operating pressure for pull-type block cylinders 350 bar

for nom. cyl. Ø D	a	b	c	Ød	Øe	f	g	h	R	r	SW	Max. tight- ening torque [Nm]	Part no.
25	M 10	14.5	32	20	10	12	6.5	5.5	320	0.8	17	49	3614070
32	M 12	14.5	32	20	10	12	6.5	5.5	320	1	17	85	3614091
40	M 16	20	40	25	14	16	7	6	400	1.2	22	210	3614236
50	M 20	28	56	33.2	17	22	10	10	500	1	27	425	3614237
63	M 27	39	75	40	23	32	13	12	630	1.2	36	1100	3614065
80	M 30	35	89	52	28	27	19	19	800	1	46	1450	3614066



Swivel contact bolt, flat face

max. load [kN]	for nom. cyl. Ø D	a	b	c ± 0.02	Ød	Øe	SW	Max. tight- ening torque [Nm]	Part no.
10	12/16	M 6	6	13	7.2	13	11	7	3614228
10	20/25	M 8	8	13	7.2	13	11	18	3614072
25	25	M10	10	18	10.5	20	17	32	3614073
25	32/40	M12	12	18	10.5	20	17	60	3614074
90	40	M16	16	27	20	30	27	150	3614075



Swivel contact bolt, serrated face

max. load [kN]	for nom. cyl. Ø D	a	b	c ± 0.1	Ød	Øe	SW	Max. tight- ening torque [Nm]	Part no.
10	20/25	M 8	8	13	7.2	13	11	18	3614131
25	25	M10	10	18	10.5	20	17	32	3614194
25	32/40	M12	12	18	10.5	20	17	60	3614118
90	40	M16	16	27	20	30	27	150	3614119