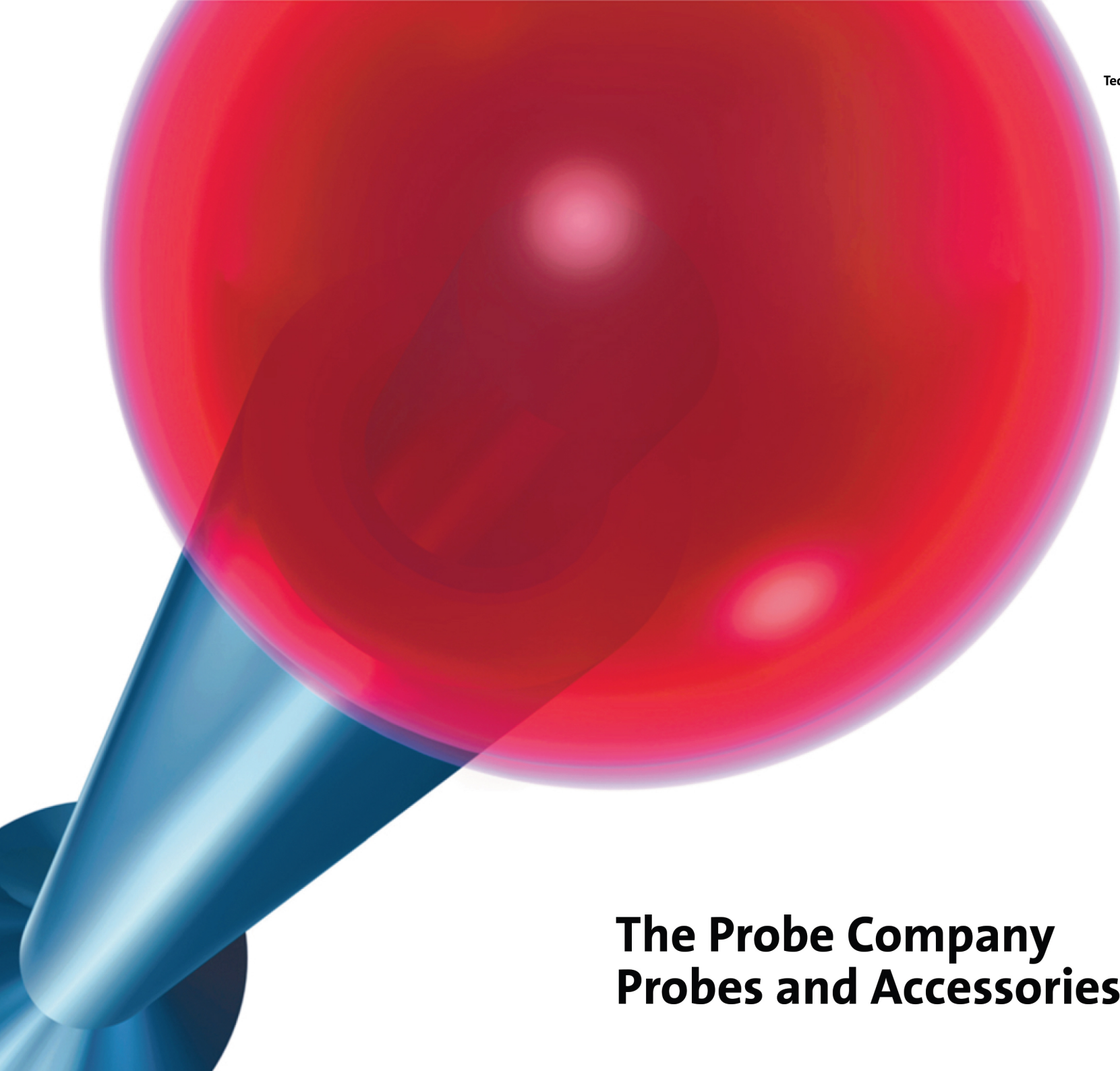




Technical data subject to change without notice
Valid as of May 2019

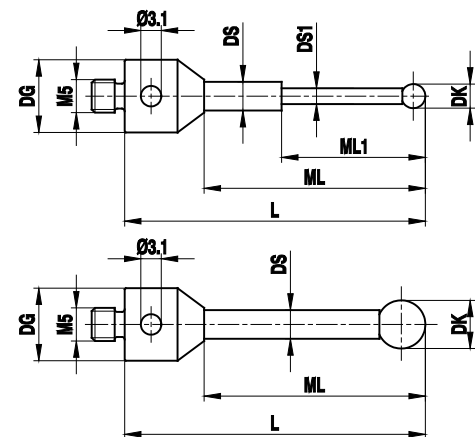
The Probe Company

Probes and Accessories



Carbide styli

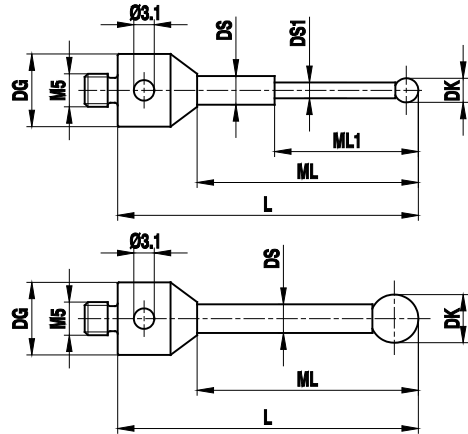
Thread M5
Material Titanium base, carbide stem, ruby ball



Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 010 11 020/0,8	-		1,0	10,0	11,0	20,0	0,8		6,0
2	TH M5 010 11 030/0,8	-		1,0	20,0	11,0	30,0	0,8		6,0
3	TH M5 010 11 020	-		1,0	5,0 / 10,0	11,0	20,0	0,8 / 1,0		6,0
4	TH M5 010 11 025	-		1,0	5,0 / 15,0	11,0	25,0	0,8 / 1,0		6,0
5	TH M5 010 11 030	-		1,0	5,0 / 20,0	11,0	30,0	0,8 / 1,0		6,0
6	TH M5 015 11 030	-		1,5	8,0 / 20,0	11,0	30,0	1,0 / 1,5		6,0
7	TH M5 020 11 020	-		2,0	10,0	11,0	20,0	1,0		6,0
8	TH M5 020 11 025	-		2,0	15,0	11,0	25,0	1,0		6,0
9	TH M5 020 11 030	-		2,0	20,0	11,0	30,0	1,5		7,0
10	TH M5 020 11 040	-		2,0	30,0	11,0	40,0	1,5		7,0
11	TH M5 030 11 025	602030-9010-000		3,0	15,0	11,0	25,0	2,0		4,0
12	TH M5 030 11 033	600342-8020-000		3,0	23,5	11,0	33,5	2,0		4,5
13	TH M5 030 11 040	626115-0301-040		3,0	30,0	11,0	40,0	2,0		4,6
14	TH M5 030 11 050	602030-9011-000		3,0	40,0	11,0	50,0	2,0		5,2
15	TH M5 030 11 058	600342-8021-000		3,0	48,0	11,0	58,0	2,0		5,5
16	TH M5 030 11 075	626115-0301-075		3,0	65,0	11,0	75,0	2,0		6,2
17	TH M5 035 11 058	-		3,5	48,0	11,0	58,0	2,0		6,0
18	TH M5 035 11 075	-		3,5	65,0	11,0	75,0	2,5		6,5
19	TH M5 035 11 100	-		3,5	85,0	11,0	100,0	2,5		7,0
20	TH M5 040 11 030	-		4,0	20,0	11,0	30,0	2,0		4,4
21	TH M5 040 11 033	600342-8025-000		4,0	23,5	11,0	33,5	2,0		4,5
22	TH M5 040 11 064	602030-9012-000		4,0	54,0	11,0	64,0	2,0		5,9
23	TH M5 045 11 053	612030-9661-000		4,5	43,0	11,0	53,0	3,5		8,0
24	TH M5 050 11 030	-		5,0	20,0	11,0	30,0	3,5		8,0
25	TH M5 050 11 050	602030-9013-000		5,0	40,0	11,0	50,0	3,5		9,0
26	TH M5 050 11 053	600342-8022-000		5,0	43,0	11,0	53,0	3,5		9,8
27	TH M5 050 11 075	602030-9015-000		5,0	65,0	11,0	75,0	3,5		12,5
28	TH M5 050 11 100	-		5,0	90,0	11,0	100,0	3,5		15,0
29	TH M5 060 11 054	600342-8026-000		6,0	44,0	11,0	54,0	3,5		10,0
30	TH M5 070 11 055	600342-8027-000		7,0	45,0	11,0	55,0	3,5		10,0
31	TH M5 080 11 063	600342-8023-000		8,0	50,5	11,0	63,5	6,0		24,8
32	TH M5 080 19 063	-		8,0	41,5	19,0	63,5	6,0		36,7
33	TH M5 080 11 074	-		8,0	61,0	11,0	74,0	6,0		29,5
34	TH M5 080 11 075	602030-9016-000		8,0	62,0	11,0	75,0	6,0		30,0
35	TH M5 080 11 100	602030-9017-000		8,0	87,0	11,0	100,0	6,0		40,0
36	TH M5 080 11 114	600342-8024-000		8,0	101,5	11,0	114,5	6,0		45,8
37	TH M5 080 19 114	600342-8124-000		8,0	92,5	19,0	114,5	6,0		57,5
38	TH M5 080 11 150	-		8,0	137,0	11,0	150,0	6,0		60,0
39	TH M5 080 11 200	-		8,0	175,0	11,0	200,0	6,0		70,0
40	TH M5 090 11 064	-		9,0	51,5	11,0	64,5	6,0		26,3

Carbide styli

Thread M5
Material Titanium base, carbide stem, ruby ball



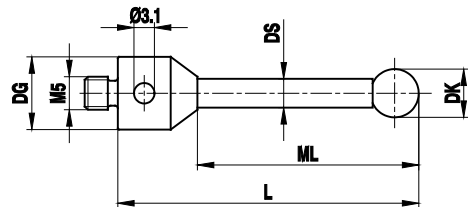
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
41	TH M5 090 19 064	600342-8128-000	9,0	42,5	19,0	64,5	6,0		36,8
42	TH M5 100 11 065	600342-8029-000	10,0	52,5	11,0	65,5	6,0		25,8
43	TH M5 100 19 065	-	10,0	43,5	19,0	65,5	6,0		37,8
44	TH M5 100 11 118	602030-9018-000	10,0	105,0	11,0	118,0	6,0		47,3
45	TH M5 100 11 150	-	10,0	137,0	11,0	150,0	6,0		62,0
46	TH M5 100 11 200	-	10,0	175,0	11,0	200,0	6,0		75,0
47	TH M5 120 11 065	626115-1200-065	12,0	52,5	11,0	65,5	6,0		28,0
48	TH M5 120 11 118	626115-1200-118	12,0	105,0	11,0	118,0	6,0		49,0
49	TH M5 120 11 200	-	12,0	175,0	11,0	200,0	6,0		76,0
50	TH M5 150 11 065	-	15,0	52,5	11,0	65,5	6,0		29,0
51	TH M5 150 11 118	-	15,0	105,0	11,0	118,0	6,0		50,0
52	TH M5 150 11 200	-	15,0	175,0	11,0	200,0	6,0		78,0

Peg mounted balls. Balls from Ø 12,0 mm in ceramic. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli for ScanMax

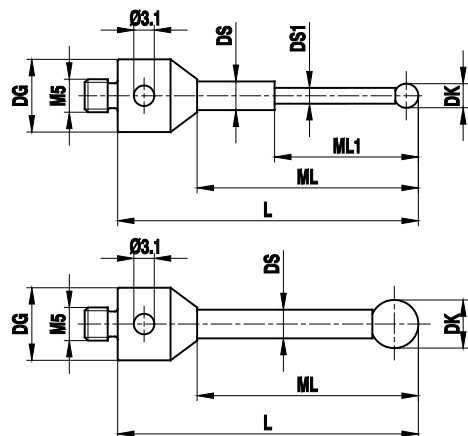
Thread M5
Material Titanium base, carbide stem and ball



Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 H30 11 033	000000-1078-483	3,0	23,5	11,0	33,5	2,0		4,5
2	TH M5 H50 11 105	000000-1073-344	5,0	95,0	11,0	105,0	3,5		15,0
3	TH M5 H80 11 063	612030-9649-000	8,0	50,5	11,0	63,5	6,0		25,0

ULTRA Scanning styli

Thread M5
Material Titanium base, carbide stem, diamond-coated ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 DC10 11 030			1,0	5,0/20,0	11,0	30,0	0,8/1,0		6,0
2	TH M5 DC15 11 030			1,5	8,0/20,0	11,0	30,0	1,0/1,5		6,0
3	TH M5 DC15 11 040			1,5	30,0	11,0	40,0	1,0		9,0
4	TH M5 DC20 11 030			2,0	20,0	11,0	30,0	1,5		7,0
5	TH M5 DC20 11 040			2,0	30,0	11,0	40,0	1,5		7,0
6	TH M5 DC30 11 033			3,0	23,5	11,0	33,5	2,0		4,5
7	TH M5 DC30 11 050			3,0	40,0	11,0	50,0	2,0		5,2
8	TH M5 DC30 11 058			3,0	48,0	11,0	58,0	2,0		5,5
9	TH M5 DC40 11 064			4,0	54,0	11,0	64,0	2,0		5,9
10	TH M5 DC50 11 050			5,0	40,0	11,0	50,0	3,5		9,0
11	TH M5 DC50 11 053			5,0	43,0	11,0	53,0	3,5		9,8
12	TH M5 DC50 11 075			5,0	65,0	11,0	75,0	3,5		12,5
13	TH M5 DC80 11 063			8,0	50,5	11,0	63,5	6,0		24,8
14	TH M5 DC80 11 114			8,0	101,5	11,0	114,5	6,0		45,8
15	TH M5 DC100 11 065			10,0	52,5	11,0	65,5	6,0		25,8
16	TH M5 DC100 11 118			10,0	105,0	11,0	118,0	6,0		47,3

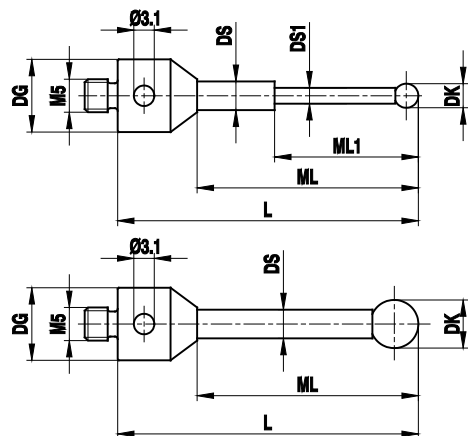
Balls actively brazed to the stem. Glued balls on request.

Other ball diameters and lenghts on request.

Carbide styli with silicon nitride ball / Cup mounted

Thread M5

Material Titanium base, carbide stem, silicon nitride ball, cup mounted



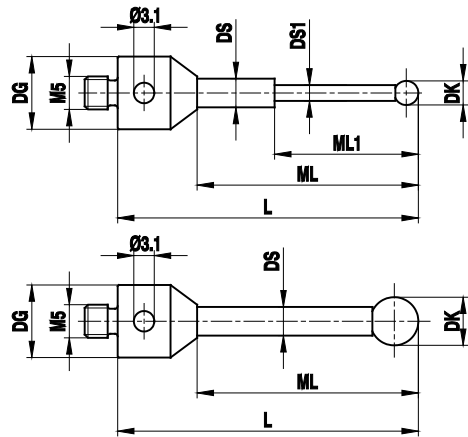
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 S10 11 020/K	-		1,0	5,0 / 10,0	11,0	20,0	0,8 / 1,0		3,5
2	TH M5 S10 11 025/K	-		1,0	5,0 / 15,0	11,0	25,0	0,8 / 1,0		3,5
3	TH M5 S10 11 030/K	-		1,0	5,0 / 20,0	11,0	30,0	0,8 / 1,0		3,8
4	TH M5 S15 11 030/K	-		1,5	8,0 / 20,0	11,0	30,0	1,0 / 1,5		3,5
5	TH M5 S20 11 020/K	-		2,0	10,0	11,0	20,0	1,0		3,5
6	TH M5 S20 11 025/K	-		2,0	15,0	11,0	25,0	1,0		3,5
7	TH M5 S20 11 030/K	-		2,0	20,0	11,0	30,0	1,5		3,8
8	TH M5 S20 11 040/K	-		2,0	30,0	11,0	40,0	1,5		4,0
9	TH M5 S30 11 025/K	626115-0303-025		3,0	15,0	11,0	25,0	2,0		4,0
10	TH M5 S30 11 033/K	626115-0300-033		3,0	23,5	11,0	33,5	2,0		4,5
11	TH M5 S30 11 050/K	626115-0302-050		3,0	40,0	11,0	50,0	2,0		5,3
12	TH M5 S30 11 058/K	626115-0300-058		3,0	48,0	11,0	58,0	2,0		5,5
13	TH M5 S40 11 033/K	626115-0400-034		4,0	23,5	11,0	33,5	2,0		4,5
14	TH M5 S40 11 064/K	626115-0401-064		4,0	54,0	11,0	64,0	2,0		5,9
15	TH M5 S50 11 030/K	-		5,0	20,0	11,0	30,0	3,5		8,0
16	TH M5 S50 11 050/K	626115-0501-050		5,0	40,0	11,0	50,0	3,5		9,0
17	TH M5 S50 11 053/K	626115-0501-053		5,0	43,0	11,0	53,0	3,5		9,8
18	TH M5 S50 11 075/K	626115-0500-075		5,0	65,0	11,0	75,0	3,5		12,5
19	TH M5 S50 11 100/K	-		5,0	90,0	11,0	100,0	3,5		18,0
20	TH M5 S60 11 054/K	-		6,0	44,0	11,0	54,0	3,5		10,0
21	TH M5 S70 11 055/K	-		7,0	45,0	11,0	55,0	3,5		10,0
22	TH M5 S80 11 063/K	626115-0800-064		8,0	50,5	11,0	63,5	6,0		36,6
23	TH M5 S80 11 075/K	626115-0800-075		8,0	62,0	11,0	75,0	6,0		29,4
24	TH M5 S80 11 100/K	626115-0801-100		8,0	87,0	11,0	100,0	6,0		39,9
25	TH M5 S80 11 114/K	626115-0800-115		8,0	101,5	11,0	114,5	6,0		45,7
26	TH M5 S90 11 064/K	-		9,0	51,5	11,0	64,5	6,0		26,3
27	TH M5 S100 11 065/K	-		10,0	52,5	11,0	65,5	6,0		25,8
28	TH M5 S100 11 118/K	-		10,0	105,0	11,0	118,0	6,0		47,3
29	TH M5 S100 11 150/K	-		10,0	135,0	11,0	150,0	6,0		60,0

Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli with silicon nitride ball / Peg mounted

Thread M5
Material Titanium base, carbide stem, silicon nitride ball, peg mounted for higher stiffness



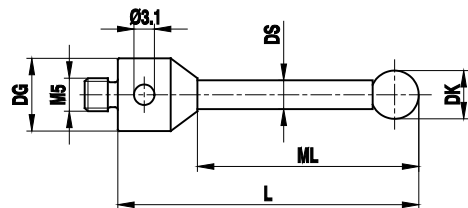
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 S10 11 020	-		1,0	5,0 / 10,0	11,0	20,0	0,8 / 1,0		3,5
2	TH M5 S10 11 025	-		1,0	5,0 / 15,0	11,0	25,0	0,8 / 1,0		3,5
3	TH M5 S10 11 030	-		1,0	5,0 / 20,0	11,0	30,0	0,8 / 1,0		3,8
4	TH M5 S15 11 030	-		1,5	8,0 / 20,0	11,0	30,0	1,0 / 1,5		3,5
5	TH M5 S20 11 020	-		2,0	10,0	11,0	20,0	1,0		3,5
6	TH M5 S20 11 025	-		2,0	15,0	11,0	25,0	1,0		3,5
7	TH M5 S20 11 030	-		2,0	20,0	11,0	30,0	1,5		3,8
8	TH M5 S20 11 040	-		2,0	30,0	11,0	40,0	1,5		4,0
9	TH M5 S30 11 025	-		3,0	15,0	11,0	25,0	2,0		4,0
10	TH M5 S30 11 033	-		3,0	23,5	11,0	33,5	2,0		4,5
11	TH M5 S30 11 050	-		3,0	40,0	11,0	50,0	2,0		5,3
12	TH M5 S30 11 058	-		3,0	48,0	11,0	58,0	2,0		5,5
13	TH M5 S40 11 033	-		4,0	23,5	11,0	33,5	2,0		4,5
14	TH M5 S40 11 064	-		4,0	54,0	11,0	64,0	2,0		5,9
15	TH M5 S50 11 030	-		5,0	20,0	11,0	30,0	3,5		8,0
16	TH M5 S50 11 050	-		5,0	40,0	11,0	50,0	3,5		9,0
17	TH M5 S50 11 053	-		5,0	43,0	11,0	53,0	3,5		9,8
18	TH M5 S50 11 075	-		5,0	65,0	11,0	75,0	3,5		12,5
19	TH M5 S50 11 100	-		5,0	90,0	11,0	100,0	3,5		18,0
20	TH M5 S60 11 054	-		6,0	44,0	11,0	54,0	3,5		10,0

Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Reference styli (red dot)

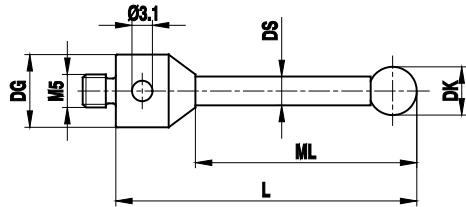
Thread M5
Material Base and stem high-strength stainless steel, ruby ball



Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 R80 11 063	600342-8023-010		8,0	50,5	11,0	63,5	6,0		24,8

High rigidity styli

Thread M5
Material Base and stem high-strength stainless steel, ruby ball, manufactured in one piece, hardened



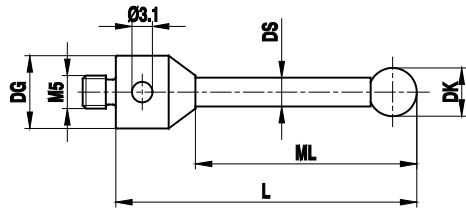
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M5 050 11 050	-		5,0	40,0	11,0	50,0	3,5		8,7
2	TI M5 050 11 053	-		5,0	43,0	11,0	53,0	3,5		8,9
3	TI M5 050 11 075	-		5,0	65,0	11,0	75,0	3,5		10,2
4	TI M5 080 11 063	-		8,0	50,5	11,0	63,5	6,0		17,5
5	TI M5 080 11 075	-		8,0	62,0	11,0	75,0	6,0		21,0
6	TI M5 080 11 100	-		8,0	87,0	11,0	100,0	6,0		29,0
7	TI M5 080 11 114	-		8,0	101,5	11,0	114,5	6,0		33,0

Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

High rigidity styli with silicon nitride ball

Thread M5
Material Base and stem high-strength stainless steel, silicon nitride ball, manufactured in one piece, hardened



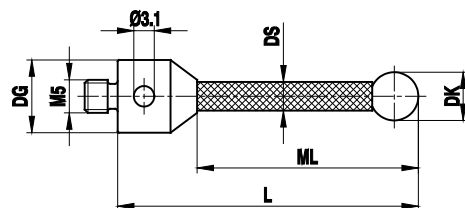
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M5 S50 11 050	-		5,0	40,0	11,0	50,0	3,5		8,7
2	TI M5 S50 11 053	-		5,0	43,0	11,0	53,0	3,5		8,9
3	TI M5 S50 11 075	-		5,0	65,0	11,0	75,0	3,5		10,2
4	TI M5 S80 11 063	-		8,0	50,5	11,0	63,5	6,0		17,5
5	TI M5 S80 11 075	-		8,0	62,0	11,0	75,0	6,0		21,0
6	TI M5 S80 11 100	-		8,0	87,0	11,0	100,0	6,0		29,0
7	TI M5 S80 11 114	-		8,0	101,5	11,0	114,5	6,0		33,0

Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable

Thread M5
Material Titanium base, thermostable carbon fiber stem, ruby ball



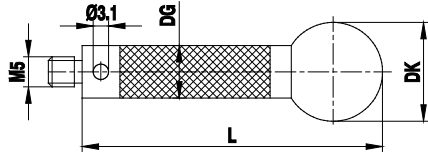
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M5 030 11 025	626105-0300-025		3,0	15,0	11,0	25,0	2,0		4,0
2	TC M5 030 11 033	626105-0300-033		3,0	23,5	11,0	33,5	2,0		4,2
3	TC M5 030 11 050	626105-0300-050		3,0	40,0	11,0	50,0	2,0		4,5
4	TC M5 030 11 058	626105-0300-058		3,0	48,0	11,0	58,0	2,0		4,9
5	TC M5 040 11 033	626105-0400-033		4,0	23,5	11,0	33,5	2,0		4,2
6	TC M5 040 11 064	626105-0400-064		4,0	54,0	11,0	64,0	2,0		4,6
7	TC M5 050 11 050	626105-0510-050		5,0	40,0	11,0	50,0	3,5		4,8
8	TC M5 050 11 053	-		5,0	43,0	11,0	53,0	3,5		4,9
9	TC M5 050 11 075	626105-0510-075		5,0	65,0	11,0	75,0	3,5		5,0
10	TC M5 050 11 100	626105-0510-100		5,0	90,0	11,0	100,0	3,5		5,4
11	TC M5 060 11 054	626105-0610-054		6,0	44,0	11,0	54,0	3,5		4,9
12	TC M5 070 11 055	626105-0710-055		7,0	45,0	11,0	55,0	3,5		4,9
13	TC M5 080 11 063	626105-0820-063		8,0	50,5	11,0	63,5	6,0		7,0
14	TC M5 080 11 075	626105-0820-075		8,0	62,0	11,0	75,0	6,0		7,3
15	TC M5 080 11 100	626105-0820-100		8,0	87,0	11,0	100,0	6,0		7,5
16	TC M5 080 11 114	626105-0820-114		8,0	101,5	11,0	114,5	6,0		9,5
17	TC M5 080 11 150	626105-0820-150		8,0	137,0	11,0	150,0	6,0		11,0
18	TC M5 080 11 200	626105-0820-200		8,0	187,0	11,0	200,0	6,0		13,0
19	TC M5 090 11 064	-		9,0	51,5	11,0	64,5	6,0		7,2
20	TC M5 100 11 065	626105-1020-065		10,0	52,5	11,0	65,5	6,0		8,0
21	TC M5 100 11 118	626105-1020-118		10,0	105,0	11,0	118,0	6,0		14,5
22	TC M5 100 11 150	626105-1020-150		10,0	137,0	11,0	150,0	6,0		16,0
23	TC M5 100 11 200	626105-1020-200		10,0	187,0	11,0	200,0	6,0		19,0

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable

Thread M5
Material Titanium base, thermostable carbon fiber stem ceramic ball



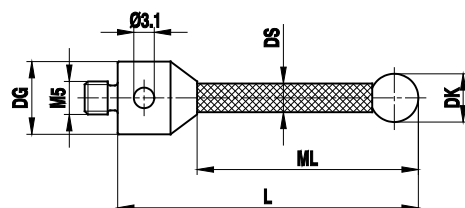
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M5 150 11 200	-		15,0		11,0	200,0			35,0
2	TC M5 150 11 300	-		15,0		11,0	300,0			42,0
3	TC M5 150 11 400	-		15,0		11,0	400,0			48,0
4	TC M5 150 11 500	-		15,0		11,0	500,0			55,0
5	TC M5 180 11 200	-		18,0		11,0	200,0			42,0
6	TC M5 180 11 300	-		18,0		11,0	300,0			49,0
7	TC M5 180 11 400	-		18,0		11,0	400,0			55,0
8	TC M5 180 11 500	-		18,0		11,0	500,0			62,0
9	TC M5 200 11 200	-		20,0		11,0	200,0			46,0
10	TC M5 200 11 300	-		20,0		11,0	300,0			53,0
11	TC M5 200 11 400	-		20,0		11,0	400,0			59,0
12	TC M5 200 11 500	-		20,0		11,0	500,0			66,0
13	TC M5 250 11 200	-		25,0		11,0	200,0			62,0
14	TC M5 250 11 300	-		25,0		11,0	300,0			69,0
15	TC M5 250 11 400	-		25,0		11,0	400,0			75,0
16	TC M5 250 11 500	-		25,0		11,0	500,0			82,0

Cup mounted balls. Maximum length ca. 950 mm. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials (except for ruby) are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable, with silicon nitride ball

Thread M5
Material Titanium base, thermostable carbon fiber stem, silicon nitride ball, peg mounted*



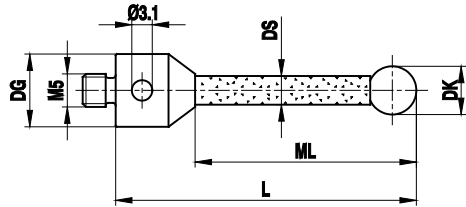
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M5 S30 11 025	-		3,0	15,0	11,0	25,0	2,0		4,0
2	TC M5 S30 11 033	-		3,0	23,5	11,0	33,5	2,0		4,2
3	TC M5 S30 11 050	-		3,0	40,0	11,0	50,0	2,0		4,5
4	TC M5 S30 11 058	626103-0301-058		3,0	48,0	11,0	58,0	2,0		4,9
5	TC M5 S40 11 033	626105-0301-033		4,0	23,5	11,0	33,5	2,0		4,2
6	TC M5 S40 11 064	-		4,0	54,0	11,0	64,0	2,0		4,6
7	TC M5 S50 11 050	626105-0511-050		5,0	40,0	11,0	50,0	3,5		4,8
8	TC M5 S50 11 053	-		5,0	43,0	11,0	53,0	3,5		4,9
9	TC M5 S50 11 075	626105-0511-075		5,0	65,0	11,0	75,0	3,5		5,0
10	TC M5 S50 11 100	626105-0511-100		5,0	90,0	11,0	100,0	3,5		5,4
11	TC M5 S60 11 054	-		6,0	44,0	11,0	54,0	3,5		4,9
12	TC M5 S70 11 055	-		7,0	45,0	11,0	55,0	3,5		4,9
13	TC M5 S80 11 063	626105-0821-063		8,0	50,5	11,0	63,5	6,0		7,0
14	TC M5 S80 11 075	-		8,0	62,0	11,0	75,0	6,0		7,3
15	TC M5 S80 11 100	626105-0821-100		8,0	87,0	11,0	100,0	6,0		7,5
16	TC M5 S80 11 114	626105-0821-114		8,0	101,5	11,0	114,5	6,0		9,5
17	TC M5 S80 11 150	626105-0821-150		8,0	137,0	11,0	150,0	6,0		11,0
18	TC M5 S80 11 200	626105-0821-200		8,0	187,0	11,0	200,0	6,0		13,0
19	TC M5 S90 11 064	-		9,0	51,5	11,0	64,5	6,0		7,2
20	TC M5 S100 11 065	-		10,0	52,5	11,0	65,5	6,0		8,0
21	TC M5 S100 11 118	626105-1021-118		10,0	105,0	11,0	118,0	6,0		14,5
22	TC M5 S100 11 150	626105-1021-150		10,0	137,0	11,0	150,0	6,0		16,0
23	TC M5 S100 11 200	626105-1021-200		10,0	187,0	11,0	200,0	6,0		19,0

*Peg mounted balls up to Ø 6,0 mm. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli

Thread M5
Material Titanium base, ceramic stem, ruby ball



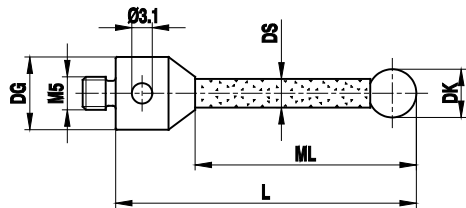
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M5 050 11 053	600342-8013-000		5,0	43,0	11,0	53,0	3,5		4,6
2	TK M5 060 11 054	600342-8016-000		6,0	44,0	11,0	54,0	3,5		4,7
3	TK M5 070 11 055	600342-8017-000		7,0	45,0	11,0	55,0	3,5		5,0
4	TK M5 080 11 063	600342-8014-000		8,0	50,5	11,0	63,5	6,0		8,3
5	TK M5 080 19 063	-		8,0	41,5	19,0	63,5	6,0		33,0
6	TK M5 080 11 114	600342-8015-000		8,0	101,5	11,0	114,5	6,0		11,8
7	TK M5 080 19 114	-		8,0	92,5	19,0	114,5	6,0		38,0
8	TK M5 090 11 064	600342-8018-000		9,0	51,5	11,0	64,5	6,0		8,4
9	TK M5 090 19 064	-		9,0	42,5	19,0	64,5	6,0		21,0
10	TK M5 100 11 065	600342-8019-000		10,0	52,5	11,0	65,5	6,0		9,0
11	TK M5 100 19 065	-		10,0	43,5	19,0	65,5	6,0		38,0

Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli with silicon nitride ball

Thread M5
Material Titanium base, ceramic stem, silicon nitride ball



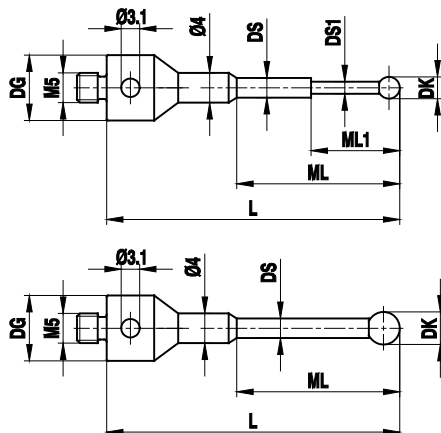
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M5 S50 11 053	-		5,0	43,0	11,0	53,0	3,5		4,6
2	TK M5 S60 11 054	-		6,0	44,0	11,0	54,0	3,5		4,7
3	TK M5 S70 11 055	-		7,0	45,0	11,0	55,0	3,5		5,0
4	TK M5 S80 11 063	-		8,0	50,5	11,0	63,5	6,0		8,3
5	TK M5 S80 11 114	-		8,0	101,5	11,0	114,5	6,0		11,8
6	TK M5 S90 11 064	-		9,0	51,5	11,0	64,5	6,0		8,4
7	TK M5 S100 11 065	-		10,0	52,5	11,0	65,5	6,0		9,0

Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Micro ball styli

Thread M5
Material Stainless steel base, carbide stem, ruby ball



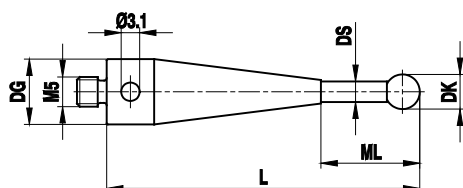
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	FH M5 002 11 032	-	0,2	2,3/12,0	11,0	32,0	0,18/1,0		6,5
2	FH M5 0025 11 032	-	0,25	2,3/12,0	11,0	32,0	0,18/1,0		6,5
3	FH M5 003 11 032	-	0,3	2,3/12,0	11,0	32,0	0,2/1,0		6,5
4	FH M5 005 11 032	-	0,5	2,5/12,0	11,0	32,0	0,3/1,0		6,5
5	FH M5 006 11 032	000000-1120-407	0,6	4,6/12,0	11,0	32,0	0,4/1,0		6,5
6	FH M5 008 11 032	602030-8060-000	0,8	4,8/12,0	11,0	32,0	0,6/1,0		6,8
7	FH M5 010 11 032	602030-8061-000	1,0	5,0/12,0	11,0	32,0	0,8/1,0		6,8
8	FH M5 013 11 032	602030-8062-000	1,35	12,0	11,0	32,0	1,0		6,9
9	FH M5 013 11 044	602030-8063-000	1,35	19,0	11,0	44,0	1,0		7,5
10	FH M5 015 11 032	602030-8064-000	1,5	12,0	11,0	32,0	1,0		6,5
11	FH M5 015 11 044	602030-8065-000	1,5	19,0	11,0	44,0	1,0		7,5
12	FH M5 020 11 032	602030-8066-000	2,0	12,0	11,0	32,0	1,5		7,3
13	FH M5 020 11 044	602030-8067-000	2,0	19,0	11,0	44,0	1,5		8,0
14	FH M5 020 11 058	602030-8068-000	2,0	33,0	11,0	58,0	1,5		8,0
15	FH M5 025 11 032	602030-8069-000	2,5	12,0	11,0	32,0	1,5		7,3
16	FH M5 025 11 044	602030-8070-000	2,5	19,0	11,0	44,0	1,5		8,0
17	FH M5 025 11 058	602030-8071-000	2,5	33,0	11,0	58,0	1,5		8,0

Peg mounted balls, except for ball-Ø 0,2 mm – 0,6 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Micro ball styli

Thread M5
Material Conic titanium base, carbide stem, ruby ball

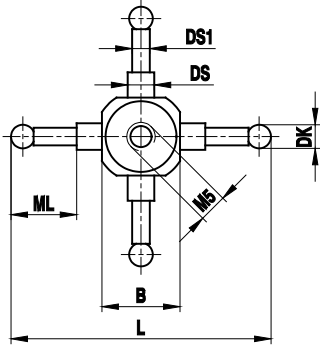


Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	FT M5 010 11 055	602030-9019-000	1,0	5,0	11,0	55,0	0,8		11,9
2	FT M5 015 11 055	602030-9020-000	1,5	5,0	11,0	55,0	1,0		11,9
3	FT M5 020 11 055	602030-9021-000	2,0	5,0	11,0	55,0	1,5		11,9
4	FT M5 025 11 055	-	2,5	5,0	11,0	55,0	2,0		11,9
5	FT M5 035 11 055	602030-9023-000	3,5	10,0	11,0	55,0	2,5		11,9

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Cube Star		Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	WT M5 010 15 045	-	1,0	7,0		45,0	0,8 / 2,0	15,0	17,3
Material	Titanium cube base, carbide stem, ruby balls	2	WT M5 015 15 045	602030-9025-000	1,5	7,5		45,0	1,0 / 2,0	15,0	17,3
		3	WT M5 020 15 045	-	2,0	7,5		45,0	1,5 / 2,0	15,0	17,3
		4	WT M5 025 15 045	602030-9027-000	2,5	8,0		45,0	1,5 / 2,0	15,0	17,3
		5	WT M5 035 15 045	-	3,5	15,0		45,0	2,0	15,0	17,3

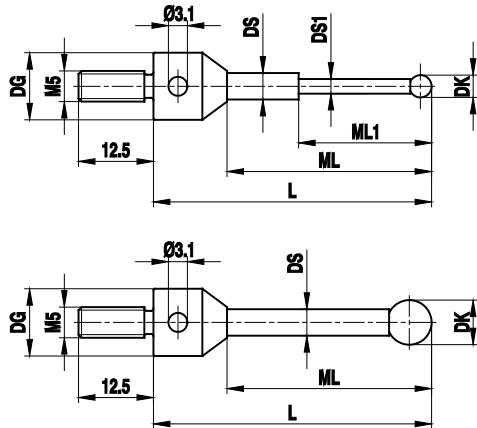


Peg mounted balls. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Styli for star configuration, thread length 12.5 mm		Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	LH M5 003 11 021	600342-8250-000	0,3	2,3 / 12,8	11,0	21,8	0,2 / 1,0		6,0
Material	Stainless steel base, carbide stem, ruby ball	2	LH M5 005 11 022	600342-8251-000	0,5	2,5 / 13,0	11,0	22,0	0,3 / 1,0		6,0
		3	LH M5 006 11 022	600342-8252-000	0,6	4,6 / 13,1	11,0	22,1	0,4 / 1,0		6,0
		4	LH M5 008 11 022	600342-8253-000	0,8	4,8 / 13,3	11,0	22,3	0,6 / 1,0		6,0
		5	LH M5 010 11 022	600342-8254-000	1,0	5,0 / 13,5	11,0	22,5	0,8 / 1,0		6,0
		6	LH M5 013 11 032	600342-8200-000	1,35	23,85	11,0	32,85	1,0		6,0
		7	LH M5 015 11 033	600342-8201-000	1,5	24,0	11,0	33,0	1,0		7,0
		8	LH M5 020 11 033	600342-8202-000	2,0	24,5	11,0	33,5	1,5		7,0
		9	LH M5 025 11 034	600342-8203-000	2,5	25,0	11,0	34,0	1,5		7,0
		10	LH M5 030 11 025	-	3,0	16,5	11,0	25,5	2,0		7,0
		11	LH M5 030 19 034	600342-8221-000	3,0	16,5	19,0	34,5	2,0		20,0
		12	LH M5 050 11 034	-	5,0	25,5	11,0	34,5	3,5		9,0
		13	LH M5 050 19 043	600342-8222-000	5,0	25,5	19,0	43,5	3,5		23,0

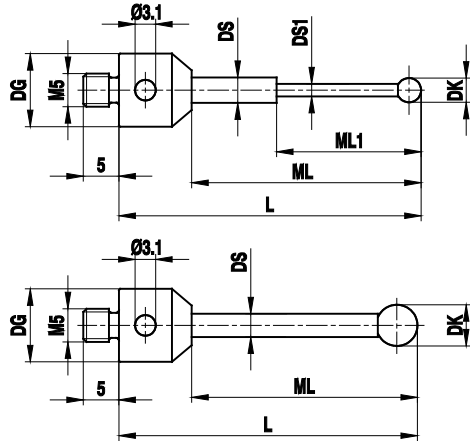
Peg mounted balls, except for ball-Ø 0,3 – 0,6 mm. Special designs on request. Thread length 20,0 mm for body-Ø 19,0 mm.

All existing ball materials are available upon request for all styli and all thread sizes.



Long thread styli, thread length 5,0 mm

Thread M5
Material Stainless steel base, carbide stem, ruby ball

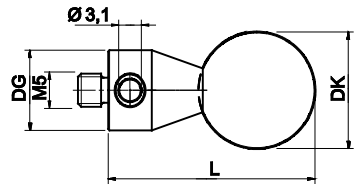


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	NH M5 003 11 021	626115-0030-022		0,3	2,3/12,8	11,0	21,8	0,2/1,0		6,0
2	NH M5 005 11 022	626115-0050-022		0,5	2,5/13,0	11,0	22,0	0,3/1,0		6,0
3	NH M5 006 11 022	626115-0060-022		0,6	4,6/13,1	11,0	22,1	0,4/1,0		6,0
4	NH M5 008 11 022	626115-0080-022		0,8	4,8/13,3	11,0	22,3	0,6/1,0		6,0
5	NH M5 010 11 022	626115-0100-022		1,0	5,0/13,5	11,0	22,5	0,8/1,0		6,0
6	NH M5 013 11 032	626115-0140-033		1,35	23,85	11,0	32,85	1,0		6,0
7	NH M5 015 11 033	626115-0150-033		1,5	24,0	11,0	33,0	1,0		7,0
8	NH M5 K15 11 033	-		1,5	7,0/24,0	11,0	33,0	1,0/1,5		7,0
9	NH M5 020 10 033	-		2,0	24,5	11,0	33,5	1,0		7,0
10	NH M5 020 11 033	602030-8066-000		2,0	24,5	11,0	33,5	1,5		7,0
11	NH M5 025 10 034	-		2,5	25,0	11,0	34,0	1,0		7,0
12	NH M5 025 11 034	602030-8069-000		2,5	25,0	11,0	34,0	1,5		7,0
13	NH M5 030 11 025	-		3,0	16,5	11,0	25,5	2,0		9,0
14	NH M5 050 11 034	-		5,0	25,5	11,0	34,5	3,5		9,0

Peg mounted balls, except for ball-Ø 0,3 – 0,6 mm. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Styli with ceramic ball

Thread M5
Material Carbide shaft, ceramic ball



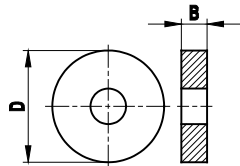
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M5 150 11 028	000000-1294-772		15,0		11,0	28,0			
2	TI M5 160 11 028	626115-1600-028		16,0		11,0	28,0			
3	TI M5 180 11 028	626115-1800-028		18,0		11,0	28,0			
4	TI M5 200 11 033	626115-2000-033		20,0		11,0	33,0			
5	TI M5 300 11 043	626115-3000-043		30,0		11,0	43,0			

Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Locking disk washer for star styli

Thread M5
Material Stainless steel



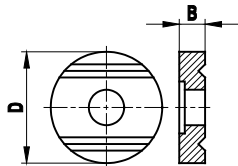
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KI M5 000 11 015	600341-0140-000				11,0			1,5	1,0
2	KI M5 000 19 020	600341-0141-000				19,0			2,0	4,0

Special designs on request.

To be used with long threaded styli only.

Grooved disk for star styli

Thread M5
Material Stainless steel



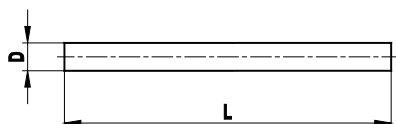
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	NI M5 000 11 020	600341-0150-000				11,0			2,0	1,0
2	NI M5 000 19 040	600341-0151-000				19,0			4,0	7,0

Special designs on request.

To be used with long threaded styli only.

Pin for star styli

Thread M5
Material Carbide

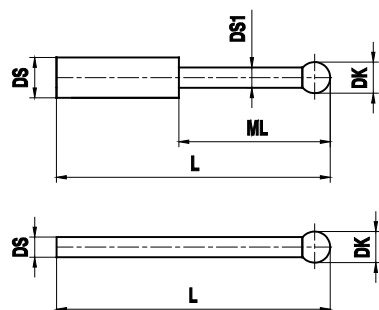


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SH M5 000 10 010	600341-0520-000				1,0	10,0			1,0
2	SH M5 000 15 010	600341-0521-000				1,5	10,0			1,0
3	SH M5 000 20 018	600341-0522-000				2,0	18,0			1,0
4	SH M5 000 35 018	600341-0523-000				3,5	18,0			3,0

Special designs on request.
To be used with long threaded styli only.

Styli for star configuration, non threaded

Thread M5
Material Carbide stem, ruby ball



Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KT M5 002 01 015	-		0,2	2,3		15,2	0,18 / 1,0		1,0
2	KT M5 0025 01 015	-		0,25	2,35		15,25	0,18 / 1,0		1,0
3	KT M5 003 01 015	600341-8450-000		0,3	2,3		15,3	0,2 / 1,0		1,0
4	KT M5 004 01 015	-		0,4	2,5		15,5	0,3 / 1,0		1,0
5	KT M5 005 01 015	600341-8451-000		0,5	2,5		15,5	0,3 / 1,0		1,0
6	KT M5 006 01 015	600341-8452-000		0,6	4,6		15,6	0,4 / 1,0		1,0
7	KT M5 007 01 015	-		0,7	4,6		15,7	0,4 / 1,0		1,0
8	KT M5 008 01 015	600341-8453-000		0,8	4,8		15,8	0,6 / 1,0		1,0
9	KT M5 010 01 016	600341-8454-000		1,0	5,0		16,0	0,8 / 1,0		1,0
10	KT M5 013 10 026	600341-8500-000		1,35			26,35	1,0		1,0
11	KT M5 015 10 026	600341-8501-000		1,5			26,5	1,0		1,0
12	KT M5 020 10 027	-		2,0			27,0	1,0		1,0
13	KT M5 020 15 027	600341-8502-000		2,0			27,0	1,5		1,0
14	KT M5 025 10 027	-		2,5			27,5	1,0		1,0
15	KT M5 025 15 027	600341-8503-000		2,5			27,5	1,5		1,0
16	KT M5 030 20 038	600341-8510-000		3,0			38,0	2,0		2,0
17	KT M5 050 35 045	600341-8511-000		5,0			45,0	3,5		6,0

Peg mounted balls, except for ball-Ø 0,2 - 0,6 mm. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

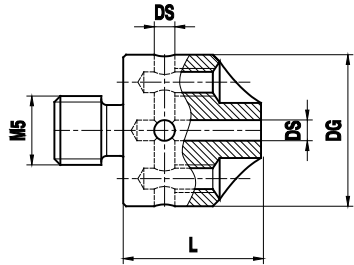
5-way styli holder

Thread M5
Material Stainless steel

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KH M5 000 11 010	600341-8367-000				11,0	10,0	1,0		3,2
2	KH M5 000 11 015	600341-8368-000				11,0	10,0	1,5		3,2
3	KH M5 000 11 020	626115-5000-199				11,0	10,0	2,0		3,2

Special designs on request.

Fits with styli KT M5 002 01 015 – KT M5 030 20 038.



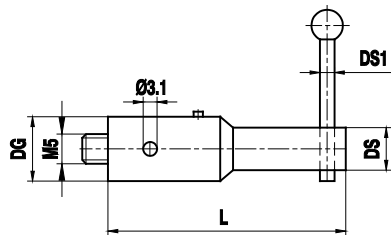
Styli holder 90°

Thread M5
Material Stainless steel

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KI M5 115 11 045	600341-8160-000				11,0	45,0	1,0-1,5 / 6,0		16,0

Special designs on request.

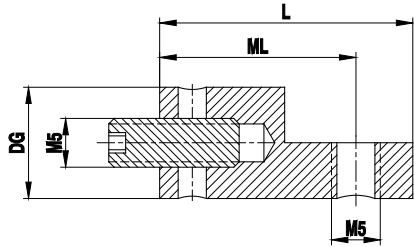
Fits with styli KT M5 002 01 015 – KT M5 025 15 027.



Angle for styli 90°		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	KH M5 000 11 022	626105-6901-001			17,0	11,0	22,5			6,0

Material Titanium

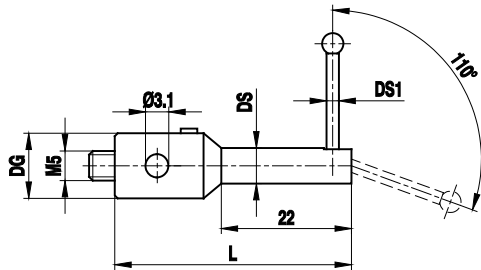
Special designs on request.



Holder for swivel styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	KI M5 022 11 040	600341-8180-000				11,0	40,0	1,0-1,5 / 6,0		15,0

Material Stainless steel

Special designs on request.



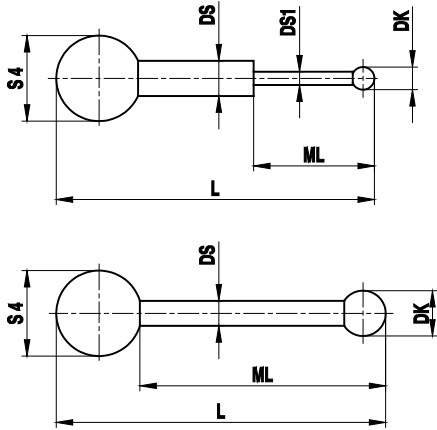
Styli for swiveling configurations

Thread M5
Material S4 steel ball, carbide stem, ruby ball

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KK M5 010 10 017	600341-8183-000		1,0	5,0		17,5	0,8 / 1,0		1,0
2	KK M5 020 15 028	600341-8185-000		2,0	24,5		28,5	1,5		1,0

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

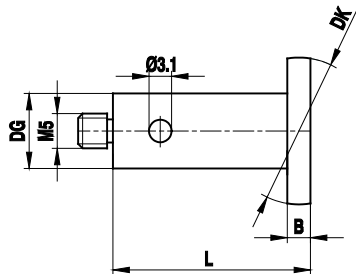


Spherical disk styli

Thread M5
Material Aluminum base, high-strength steel disk

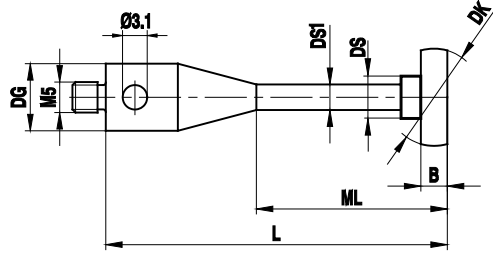
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KI M5 100 07 021	600341-8090-000		10,0		7,0	21,5		1,5	3,0
2	KI M5 150 10 021	600341-8095-000		15,0		10,0	21,5		1,5	6,0
3	KI M5 150 07 040	000000-1165-629		15,0		7,0	40,0		1,0	5,0
4	KI M5 200 07 060	602030-8091-000		20,0		7,0	60,0		1,0	8,0

Special designs on request.



Spherical disk styli ScanMax

Thread M5
Material Titanium base, carbide stem, high-strength steel disk

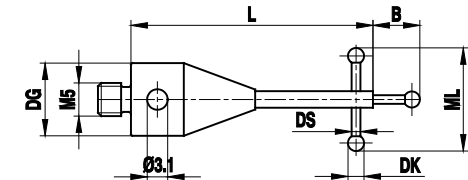


Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KI M5 100 11 065	632001-8209-000	10,0	55,0	11,0	65,0	3,5/5,5	1,0	11,0
2	KI M5 150 11 065	626115-1505-065	15,0	55,0	11,0	65,0	3,5/5,5	1,0	18,0
3	KI M5 200 11 065	632001-8207-000	20,0	55,0	11,0	65,0	3,5/5,5	1,0	19,0
4	KI M5 250 11 065	632001-8208-000	25,0	55,0	11,0	65,0	3,5/10,0	1,0	22,0
5	KI M5 300 11 065	632001-8210-000	30,0	55,0	11,0	65,0	3,5/10,0	2,0	39,0
6	KI M5 400 11 065	632001-8213-000	40,0	55,0	11,0	65,0	3,5/10,0	2,0	57,0
7	KI M5 100 11 065/2	000000-1019-819	10,0	55,0	11,0	65,0	3,5/5,5	2,0	17,0
8	KI M5 150 11 065/2	000000-1019-820	15,0	55,0	11,0	65,0	3,5/5,5	2,0	20,0
9	KI M5 200 11 065/2	000000-1019-822	20,0	55,0	11,0	65,0	3,5/5,5	2,0	25,0
10	KI M5 250 11 065/2	000000-1019-824	25,0	55,0	11,0	65,0	3,5/10,0	2,0	32,0

Special designs on request.

Styli for thread measuring

Thread M5
Material Stainless steel base, carbide stem, ruby ball

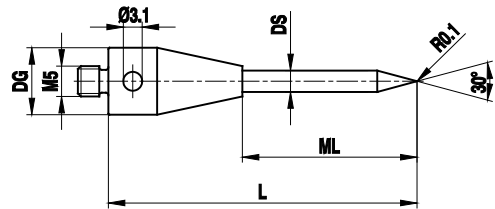


Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M5 005 11 040	-	0,5	3,5	11,0	40,0	0,4	1,9	7,0
2	TI M5 008 11 040	-	0,8	5,0	11,0	40,0	0,6	1,9	7,0
3	TI M5 013 11 040	-	1,35	9,0	11,0	40,0	1,0	2,0	11,0
4	TI M5 018 11 040	-	1,8	10,0	11,0	40,0	1,0	2,0	12,0
5	TI M5 023 11 040	-	2,3	12,0	11,0	40,0	1,0	2,5	13,0

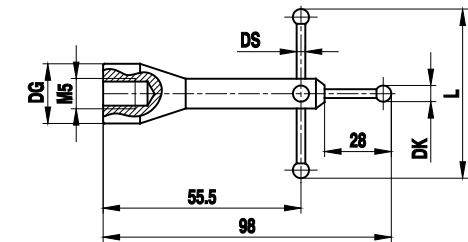
Peg mounted balls except for ball-Ø 0,5 mm. Special designs on request.

Silicon nitride and zirconium oxide balls are available upon request for all styli and all thread sizes.

Styli pointer		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	IH M5 030 11 061	600342-8051-000		30°	39,0	11,0	61,0	3,5		12,0
Material	Titanium base, carbide stem					Special designs on request.						



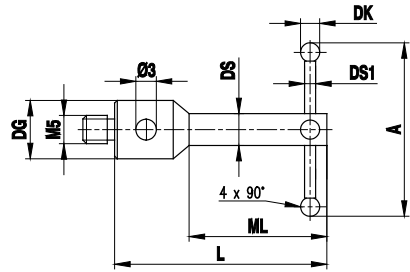
Star styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	SA M5 050 19 080	600331-8093-000		5,0		19,0	80,0	3,5		70,0
Material	Aluminum base, carbide stems, ruby balls											
Peg mounted balls. Special designs on request.												
All existing ball materials are available upon request for all styli and all thread sizes.												



Star styli		Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	A	Weight g
Thread	M5	1	SI M5 006 11 040	-	0,6	30,0	11,0	40,0	0,4/4,0	8,0	9,0
Material	Stainless steel base, carbide stems, ruby balls	2	SI M5 008 11 040	-	0,8	30,0	11,0	40,0	0,6/4,0	8,0	9,0
		3	SI M5 010 11 040	-	1,0	30,0	11,0	40,0	0,8/4,0	8,0	9,0

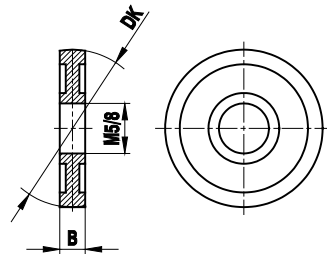
Peg mounted balls except for ball-Ø 0,6 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



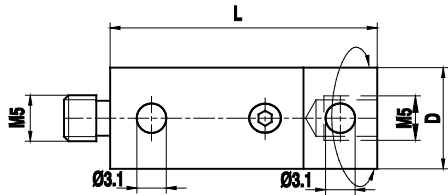
Spherical disk		Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	Thread/Bore hole	B	Weight g
Thread	M5	1	KI M5 040 15 M50	602030-0004-000	15,0				M5	4,0	5,0
Material	High-strength steel	2	KI M5 040 20 M50	602030-0005-000	20,0				M5	4,0	9,0
		3	KI M5 040 30 M50	602030-0006-000	30,0				M5	4,0	21,0
		4	KI M5 050 40 M50	602030-0007-000	40,0				M5	5,0	42,0
		5	KI M5 050 50 M50	602030-0008-000	50,0				M5	5,0	64,0
		6	KI M5 050 60 M50	602030-0009-000	60,0				M5	5,0	89,0
		7	KI M5 040 20 080	602030-0011-000	20,0				8,0	4,0	8,0
		8	KI M5 020 20 080	600341-0200-000	20,0				8,0	2,0	4,0
		9	KI M5 040 30 080	600341-0203-000	30,0				8,0	4,0	10,0
		10	KI M5 040 40 080	600341-0204-000	40,0				8,0	4,0	21,0
		11	KI M5 050 50 080	600341-0205-000	50,0				8,0	5,0	36,0
		12	KI M5 060 60 080	600341-0206-000	60,0				8,0	6,0	59,0

Special designs on request.



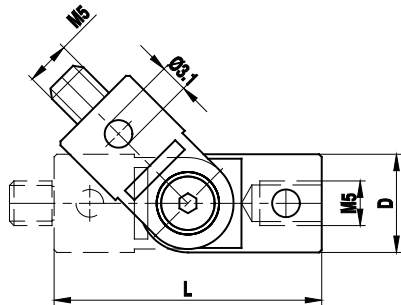
Rotary adapter		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	DT M5 000 11 029	-				11,0	29,0			13,0
Material	Titanium	2	DT M5 000 18 030	602030-9095-000				18,0	30,0			43,0

Special designs on request.



Knuckle, swing range 180°		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	GT M5 000 11 030	600342-9002-000				11,0	30,0			11,2
Material	Titanium	2	GT M5 000 18 036	600342-9003-000				18,0	36,0			37,2

Special designs on request.

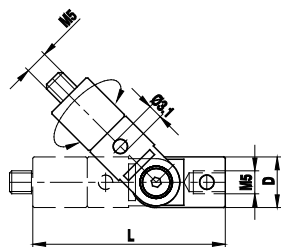


Rotary knuckle, slewing range 360°, swing range 180°

Thread M5
Material Titanium

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	DG M5 000 11 051	-				11,0	51,0			19,0
2	DG M5 000 18 058	-				18,0	58,0			58,0

Special designs on request.

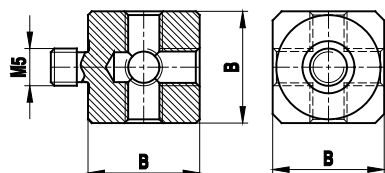


Cube

Thread M5
Material Titanium

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	WT M5 000 15 000	600341-8361-000							15,0	12,6
2	WT M5 000 15 000 OZ	626115-6110-001							15,0	12,6
3	WT M5 000 20 000	600341-8002-000							20,0	31,5
4	WT M5 000 20 000 OZ	626115-6110-003							20,0	31,5

Special designs on request. OZ = setscrew enclosed.

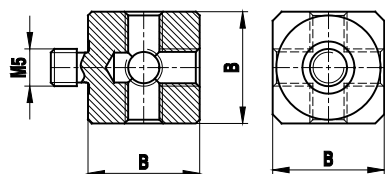


Cube

Thread M5
Material Aluminum

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	WA M5 000 15 000	602030-8363-000							15,0	7,5
2	WA M5 000 20 000	602030-8362-000							20,0	20,0

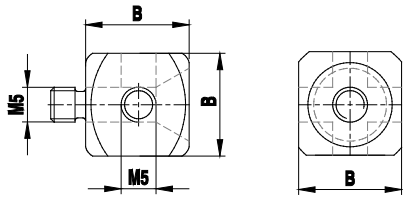
Special designs on request.



Cube with countersunk screw		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	WT M5 S00 15 000	626115-6110-002							15,0	13,0

Material Titanium

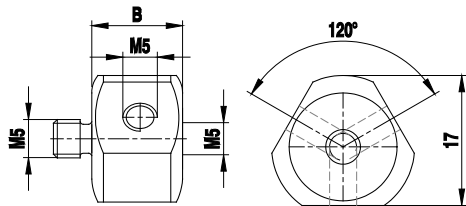
Special designs on request.



4-way cube		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	WT M5 120 15 000	-							15,0	13,0

Material Titanium

Special designs on request.

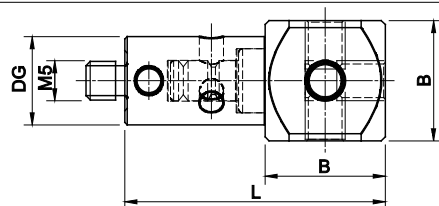


Rotary cube element

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	DWT M5 000 15 032	626105-6280-080				11,0	32,5		15,0	

Thread M5

Material Titanium

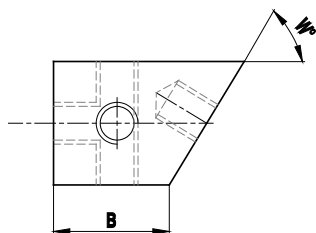


Cube with angle

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	W Grad	B	Weight g
1	WT M5 875 15 000	-						87,5	15,0	13,0
2	WT M5 850 15 000	-						85,0	15,0	13,4
3	WT M5 825 15 000	-						82,5	15,0	13,8
4	WT M5 800 15 000	-						80,0	15,0	14,2
5	WT M5 775 15 000	-						77,5	15,0	14,6
6	WT M5 750 15 000	-						75,0	15,0	15,0
7	WT M5 725 15 000	-						72,5	15,0	15,4
8	WT M5 700 15 000	-						70,0	15,0	15,8
9	WT M5 675 15 000	-						67,5	15,0	16,2
10	WT M5 650 15 000	-						65,0	15,0	16,6
11	WT M5 625 15 000	-						62,5	15,0	17,0
12	WT M5 600 15 000	-						60,0	15,0	17,4
13	WT M5 575 15 000	-						57,5	15,0	17,8
14	WT M5 550 15 000	-						55,0	15,0	18,2
15	WT M5 525 15 000	-						52,5	15,0	18,6
16	WT M5 500 15 000	-						50,0	15,0	19,0
17	WT M5 475 15 000	-						47,5	15,0	19,4
18	WT M5 450 15 000	-						45,0	15,0	19,8

Thread M5

Material Titanium



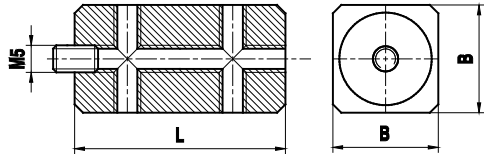
Special designs on request.

Setscrew enclosed.

Double cube		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M5		1	WT M5 000 20 040	-					40,0		20,0	64,0

Material Titanium

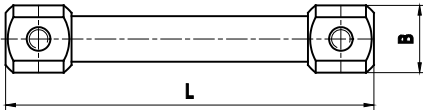
Special designs on request.



Cube extension		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M5		1	WT M5 000 20 120	-					120,0		20,0	87,0

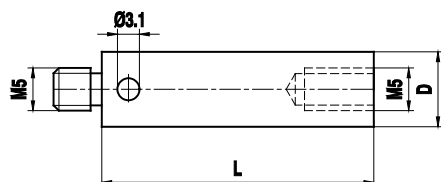
Material Titanium

Special designs on request.



Extension

Thread M5
Material Titanium

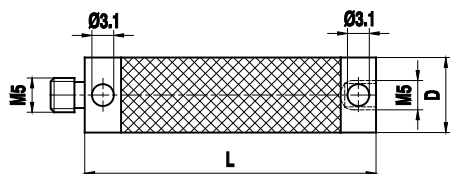


Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VT M5 000 11 010	602030-9044-000			11,0	10,0			3,6
2	VT M5 000 11 015	602030-9045-000			11,0	15,0			5,7
3	VT M5 000 11 020	602030-9046-000			11,0	20,0			7,8
4	VT M5 000 11 025	602030-9047-000			11,0	25,0			9,7
5	VT M5 000 11 030	000000-1251-674			11,0	30,0			12,1
6	VT M5 000 11 035	-			11,0	35,0			13,9
7	VT M5 000 11 040	602030-9049-000			11,0	40,0			16,1
8	VT M5 000 11 050	602030-9051-000			11,0	50,0			12,7
9	VT M5 000 11 060	602030-9053-000			11,0	60,0			13,6
10	VT M5 000 11 075	602030-9055-000			11,0	75,0			15,0
11	VT M5 000 11 080	602030-9057-000			11,0	80,0			15,6
12	VT M5 000 11 090	602030-9059-000			11,0	90,0			16,2
13	VT M5 000 11 100	602030-9061-000			11,0	100,0			17,3
14	VT M5 000 11 120	602030-9063-000			11,0	120,0			19,4
15	VT M5 000 11 150	602030-9065-000			11,0	150,0			22,4
16	VT M5 000 18 025	602030-9048-000			18,0	25,0			27,3
17	VT M5 000 18 040	602030-9050-000			18,0	40,0			44,7
18	VT M5 000 18 050	602030-9052-000			18,0	50,0			36,3
19	VT M5 000 18 060	602030-9054-000			18,0	60,0			38,3
20	VT M5 000 18 075	602030-9056-000			18,0	75,0			42,8
21	VT M5 000 18 080	602030-9058-000			18,0	80,0			44,2
22	VT M5 000 18 090	602030-9060-000			18,0	90,0			47,3
23	VT M5 000 18 100	602030-9062-000			18,0	100,0			49,4
24	VT M5 000 18 120	602030-9064-000			18,0	120,0			55,1
25	VT M5 000 18 150	602030-9066-000			18,0	150,0			65,0
26	VT M5 000 18 200	602030-9067-000			18,0	200,0			79,3
27	VT M5 000 18 250	602030-9068-000			18,0	250,0			92,4
28	VT M5 000 18 300	602030-9069-000			18,0	300,0			107,0
32	VT M5 000 11 250	-			11,0	250,0			

Special designs on request.

Extension ULTRA

Thread M5
Material Thermostable carbon fiber, black, titanium ends

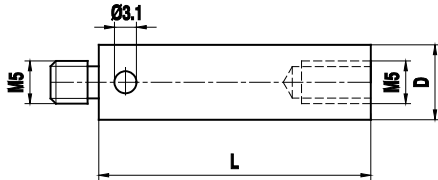


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VC M5 TZ0 11 040	626107-1040-100				11,0	40,0			9,0
2	VC M5 TZ0 11 050	626107-1050-000				11,0	50,0			10,0
3	VC M5 TZ0 11 060	626107-1060-100				11,0	60,0			11,0
4	VC M5 TZ0 11 070	626107-1070-100				11,0	70,0			11,0
5	VC M5 TZ0 11 080	626107-1080-100				11,0	80,0			12,0
6	VC M5 TZ0 11 090	626107-1090-100				11,0	90,0			13,0
7	VC M5 TZ0 11 100	626107-1100-000				11,0	100,0			14,0
8	VC M5 TZ0 11 120	626107-1120-100				11,0	120,0			15,0
9	VC M5 TZ0 11 150	626107-1150-000				11,0	150,0			17,0
10	VC M5 TZ0 11 180	626107-1180-100				11,0	180,0			19,0
11	VC M5 TZ0 11 200	626107-1200-100				11,0	200,0			21,0
12	VC M5 TZ0 11 250	626107-1250-100				11,0	250,0			24,0
13	VC M5 TZ0 11 300	626107-1300-100				11,0	300,0			27,0
14	VC M5 TZ0 11 400	626107-1400-100				11,0	400,0			34,0
15	VC M5 TZ0 20 040	626107-2040-100				20,0	40,0			26,0
16	VC M5 TZ0 20 050	626107-2050-100				20,0	50,0			28,0
17	VC M5 TZ0 20 060	626107-2060-100				20,0	60,0			29,0
18	VC M5 TZ0 20 080	626107-2080-100				20,0	80,0			32,0
19	VC M5 TZ0 20 100	626107-2100-100				20,0	100,0			34,0
20	VC M5 TZ0 20 120	626107-2120-100				20,0	120,0			37,0
21	VC M5 TZ0 20 150	626107-2150-100				20,0	150,0			41,0
22	VC M5 TZ0 20 180	626107-2180-100				20,0	180,0			45,0
23	VC M5 TZ0 20 200	626107-2200-100				20,0	200,0			48,0
24	VC M5 TZ0 20 250	626107-2250-100				20,0	250,0			55,0
25	VC M5 TZ0 20 300	626107-2300-100				20,0	300,0			62,0
26	VC M5 TZ0 20 400	626107-2400-100				20,0	400,0			75,0
27	VC M5 TZ0 20 500	626107-2500-100				20,0	500,0			89,0
28	VC M5 TZ0 20 600	626107-2600-100				20,0	600,0			103,0

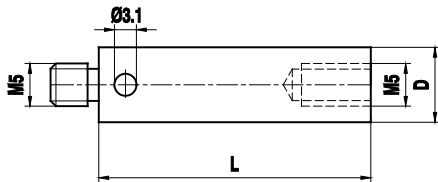
Special designs on request.

E-module of approximately 450 GPa.

Extension		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	VA M5 000 11 020	-				11,0	20,0			5,7
Material	Aluminum, steel ends	2	VA M5 000 11 040	600341-8261-000				11,0	40,0			10,3
		3	VA M5 000 11 060	600341-8262-000				11,0	60,0			15,4
		4	VA M5 000 11 080	600341-8263-000				11,0	80,0			20,6
		5	VA M5 000 11 100	600341-8264-000				11,0	100,0			25,6
		6	VA M5 000 11 120	600341-8265-000				11,0	120,0			30,9
		7	VA M5 000 20 040	600341-8425-000				20,0	40,0			29,0
		8	VA M5 000 20 050	-				20,0	50,0			33,3
		9	VA M5 000 20 060	600341-8424-000				20,0	60,0			37,7
		10	VA M5 000 20 080	600341-8423-000				20,0	80,0			44,8
		11	VA M5 000 20 100	600341-8422-000				20,0	100,0			50,7
		12	VA M5 000 20 150	600341-8421-000				20,0	150,0			67,4
		13	VA M5 000 20 200	600341-8420-000				20,0	200,0			84,7



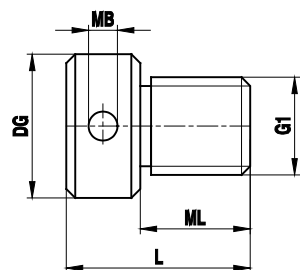
Extension		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	VI M5 000 11 010	600341-0250-000				11,0	10,0			6,0
Material	Stainless steel	2	VI M5 000 11 015	600341-0251-000				11,0	15,0			9,0
		3	VI M5 000 11 020	600341-0252-000				11,0	20,0			13,0
		4	VI M5 000 11 040	600341-0254-000				11,0	40,0			28,0
		5	VI M5 000 11 060	600341-0256-000				11,0	60,0			42,0
		6	VI M5 000 11 080	600341-0258-000				11,0	80,0			58,0
		7	VI M5 000 11 100	600341-0260-000				11,0	100,0			73,0



Special designs on request.

Thread measuring gage

Thread M5
Material Stainless steel

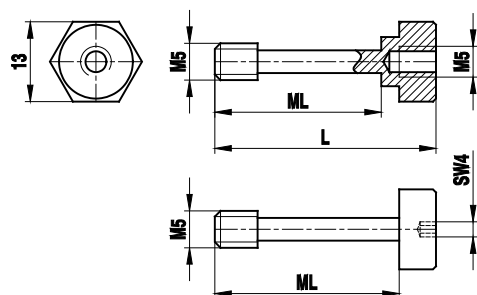


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	MB	G1	Weight g
1	GW M4 000 10 016	-			10,0	10,0	16,0	1,8	M4	4,0
2	GW M5 000 10 016	-			10,0	10,0	16,0	1,8	M5	4,0
3	GW M6 000 12 018	-			12,0	12,0	18,0	1,8	M6	7,0
4	GW M8 000 15 020	-			12,0	15,0	20,0	3,0	M8	13,0
5	GW M1 000 18 025	-			15,0	18,0	25,0	3,0	M10	25,0
6	GW M1 200 20 025	-			15,0	20,0	25,0	3,0	M12	33,0

Special designs on request.

Screw for cube and spherical disk

Thread M5
Material Stainless steel

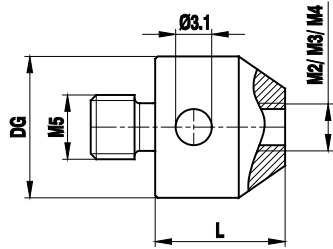


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SI M5 000 10 017	600341-0212-000			9,0		17,5			7,0
2	SI M5 000 21 030	600341-0211-000			21,0		30,0			9,0
3	SI M5 000 26 035	600341-0210-000			26,0		35,0			9,0
4	SI M5 000 21 000	-			21,0					3,0
5	SI M5 000 26 000	-			26,0					4,0

Special designs on request.

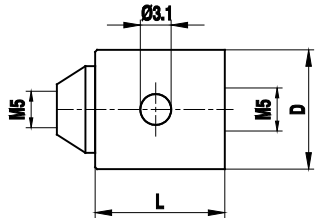
Adapter		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	from to	Weight g
Thread	M5	1	RT M5 200 11 010	602030-0215-000				11,0	10,0		M5 / M2	5,2
Material	Stainless steel	2	RT M5 300 11 010	602030-0315-000				11,0	10,0		M5 / M3	5,2
		3	RT M5 400 11 010	-				11,0	10,0		M5 / M4	5,2

Special designs on request.



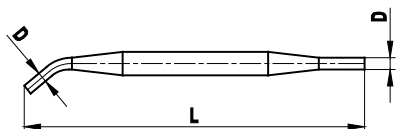
Adapter with thread/conical shaft base		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	AT KO 000 18 010	600331-0001-000				18,0	10,0			12,0
Material	Stainless steel	2	AT M5 000 18 010	602030-0018-000				18,0	12,0			10,0

Special designs on request.

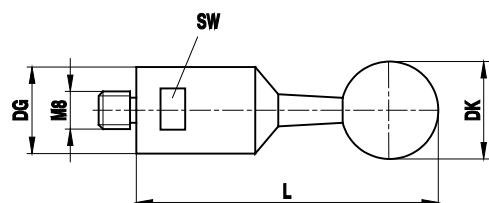


Wrench		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	MI MO 029 00 070	602030-0222-000				2,9	70,0			
Material	Stainless steel	2	SS M5 002 08 596	600341-8596-000				2,9	70,0			

Special designs on request. SS = Set of 2 keys MI MO 029 00 070.



Calibration sphere with stand		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	SW	Weight g
Thread	M8	1	KN M8 150 24 130	-		15,0		24,0	130,0		22,0	
Material	Stainless steel, ceramic ball, including certificate	2	KN M8 200 24 135	-		20,0		24,0	135,0		22,0	
		3	KN M8 250 24 140	-		25,0		24,0	140,0		22,0	
		4	KN M8 300 24 145	-		30,0		24,0	145,0		22,0	

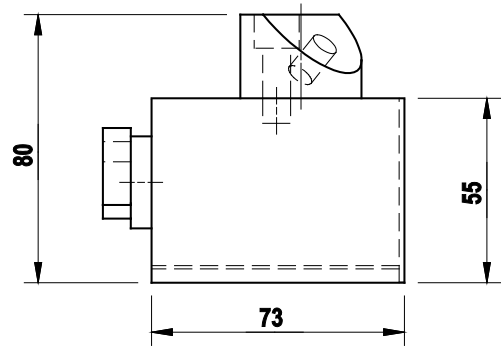
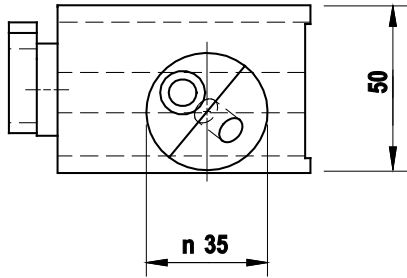


Magnet base for calibration sphere

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	No of Pieces	Weight g
1	MAGNETFUSS KNM8	-								

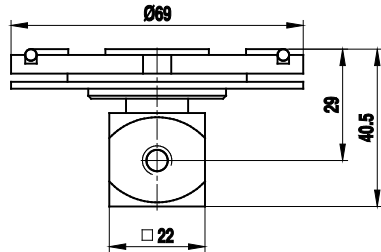
Thread M8

Material For calibration below 45°



Adapter plate for measuring systems VAST/MT

Thread M5
Material Aluminum, with active ID Chip and engraved 15° scale



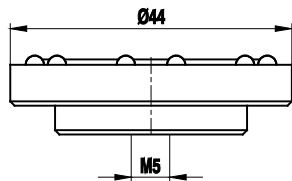
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	No of Pieces	Weight g
1	TP M5 MES SO 001	600667-9601-000							1	153,0
2	TP M5 MES SO 002	600667-9611-000							2	306,0
3	TP M5 MES SO 001 OW*	626107-2000-940							1	130,0

*Adapter plate instead of cube.

Does not support the functions „FlyScan“ & „QuickChange“

Adapter plate for dynamic systems (ST)

Thread M5
Material Aluminum



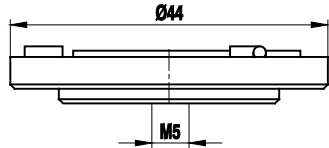
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	No of Pieces	Weight g
1	AT M5 SCH AL 001	-							1	72,0
2	AT M5 SCH AL 002	600660-8251-000							2	144,0

Does not support the functions „FlyScan“ & „QuickChange“

Adapter plate for Prismo dynamic systems (ST)

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	No of Pieces	Weight g
1	TP M5 SCH AL 001	-							1	72,0
2	TP M5 SCH AL 002	620660-8251-000							2	144,0

Thread M5
Material Aluminum

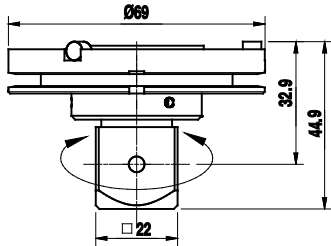


Does not support the functions „FlyScan“ & „QuickChange“

Rotating adapter plate EASY! for measuring systems VAST/MT

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	No of Pieces	Weight g
1	TP M5 MEASY 001	-							1	190,0
2	TP M5 MEASY 002	-							2	380,0

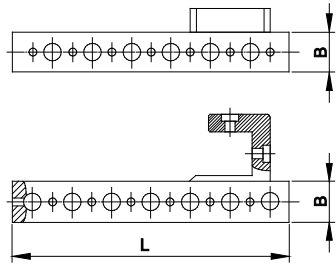
Thread M5
Material Aluminum, with active ID Chip, engraved 15° scale and rotating cube



Does not support the functions „FlyScan“ & „QuickChange“

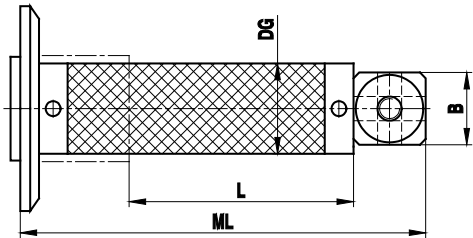
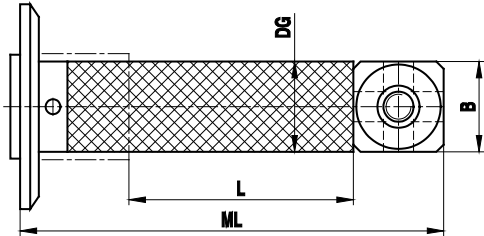
Multiple styli holder		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	MA M5 000 20 100	-					100,0		20,0	
Material	Titanium, adjustable, mountable to TP M5 MES SO 001*	2	MA M5 000 20 140	-					140,0		20,0	
		3	MA M5 000 20 200	-					200,0		20,0	

* Set price including TP M5 MES SO 001 againsts extra charge of 200,00€.



Extension for adapter plate

Thread M5
Material Thermostable carbon fiber, black, titanium cube and plate adapter

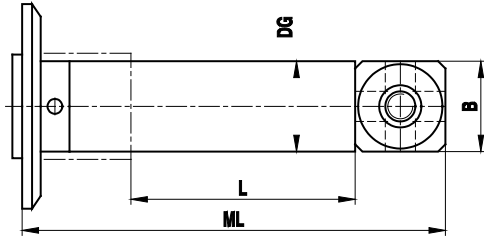
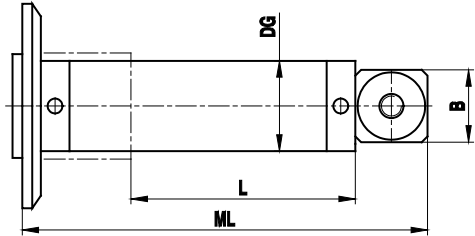


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TV M5 TZ1 15 025	-			66,5	11,0	25,0		15,0	60,0
2	TV M5 TZ1 15 040	-			81,5	11,0	40,0		15,0	62,0
3	TV M5 TZ1 15 050	-			91,5	11,0	50,0		15,0	64,0
4	TV M5 TZ1 15 060	-			101,5	11,0	60,0		15,0	66,0
5	TV M5 TZ1 15 080	-			121,5	11,0	80,0		15,0	68,0
6	TV M5 TZ1 15 100	-			141,5	11,0	100,0		15,0	70,0
7	TV M5 TZ1 15 120	-			161,5	11,0	120,0		15,0	72,0
8	TV M5 TZ1 15 150	-			191,5	11,0	150,0		15,0	77,0
9	TV M5 TZ1 15 200	-			241,5	11,0	200,0		15,0	84,0
10	TV M5 TZ2 15 025	626107-2025-130			66,5	20,0	25,0		15,0	60,0
11	TV M5 TZ2 15 040	626107-2040-130			81,5	20,0	40,0		15,0	62,0
12	TV M5 TZ2 15 050	626107-2050-130			91,5	20,0	50,0		15,0	64,0
13	TV M5 TZ2 15 060	626107-2060-130			101,5	20,0	60,0		15,0	66,0
14	TV M5 TZ2 15 080	626107-2080-130			121,5	20,0	80,0		15,0	68,0
15	TV M5 TZ2 15 100	626107-2100-130			141,5	20,0	100,0		15,0	70,0
16	TV M5 TZ2 15 120	626107-2120-130			161,5	20,0	120,0		15,0	72,0
17	TV M5 TZ2 15 150	626107-2150-130			191,5	20,0	150,0		15,0	77,0
18	TV M5 TZ2 15 200	626107-2200-130			241,5	20,0	200,0		15,0	84,0
19	TV M5 TZ2 20 025	626107-2025-110			71,5	20,0	25,0		20,0	74,0
20	TV M5 TZ2 20 040	626107-2040-110			86,5	20,0	40,0		20,0	76,0
21	TV M5 TZ2 20 050	626107-2050-110			96,5	20,0	50,0		20,0	78,0
22	TV M5 TZ2 20 060	626107-2060-110			106,5	20,0	60,0		20,0	80,0
23	TV M5 TZ2 20 080	626107-2080-110			126,5	20,0	80,0		20,0	82,0
24	TV M5 TZ2 20 100	626107-2100-110			146,5	20,0	100,0		20,0	84,0
25	TV M5 TZ2 20 120	626107-2120-110			166,5	20,0	120,0		20,0	86,0
26	TV M5 TZ2 20 150	626107-2150-110			196,5	20,0	150,0		20,0	91,0
27	TV M5 TZ2 20 200	626107-2200-110			246,5	20,0	200,0		20,0	98,0

Special designs on request.

Extension for adapter plate

Thread M5
Material Titanium, titanium cube and plate adapter

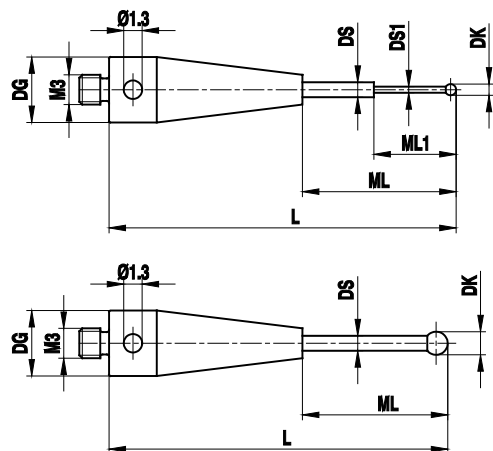


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TV M5 011 15 025	-			66,5	11,0	25,0		15,0	65,0
2	TV M5 011 15 040	-			81,5	11,0	40,0		15,0	67,0
3	TV M5 011 15 050	-			91,5	11,0	50,0		15,0	70,0
4	TV M5 011 15 060	-			101,5	11,0	60,0		15,0	72,0
5	TV M5 011 15 080	-			121,5	11,0	80,0		15,0	74,0
6	TV M5 011 15 100	-			141,5	11,0	100,0		15,0	76,0
7	TV M5 011 15 120	-			161,5	11,0	120,0		15,0	78,0
8	TV M5 011 15 150	-			191,5	11,0	150,0		15,0	85,0
9	TV M5 018 15 025	-			66,5	18,0	25,0		15,0	65,0
10	TV M5 018 15 040	-			81,5	18,0	40,0		15,0	67,0
11	TV M5 018 15 050	-			91,5	18,0	50,0		15,0	70,0
12	TV M5 018 15 060	-			101,5	18,0	60,0		15,0	72,0
13	TV M5 018 15 080	-			121,5	18,0	80,0		15,0	74,0
14	TV M5 018 15 100	-			141,5	18,0	100,0		15,0	76,0
15	TV M5 018 15 120	-			161,5	18,0	120,0		15,0	78,0
16	TV M5 018 15 150	-			191,5	18,0	150,0		15,0	85,0
17	TV M5 018 15 200	-			241,5	18,0	200,0		15,0	92,0
18	TV M5 018 20 025	-			71,5	18,0	25,0		20,0	84,0
19	TV M5 018 20 040	-			86,5	18,0	40,0		20,0	84,0
20	TV M5 018 20 050	-			96,5	18,0	50,0		20,0	87,0
21	TV M5 018 20 060	-			106,5	18,0	60,0		20,0	90,0
22	TV M5 018 20 080	-			126,5	18,0	80,0		20,0	92,0
23	TV M5 018 20 100	-			146,5	18,0	100,0		20,0	95,0
24	TV M5 018 20 120	-			166,5	18,0	120,0		20,0	98,0
25	TV M5 018 20 150	-			196,5	18,0	150,0		20,0	105,0
26	TV M5 018 20 200	-			246,5	18,0	200,0		20,0	114,0

Special designs on request.

Carbide styli XXT

Thread M3
Material Titanium base, carbide stem, ruby ball



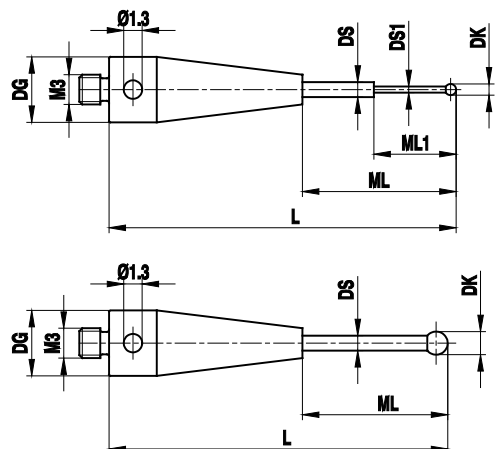
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 003 05 013	626113-0030-013		0,3	2,3/4,0	5,0	13,0	0,2/1,0		0,62
2	TH M3 003 05 020	626113-0030-020		0,3	2,3/11,0	5,0	20,0	0,2/1,0		0,69
3	TH M3 005 05 013	626113-0050-013		0,5	2,3/4,0	5,0	13,0	0,3/1,0		0,61
4	TH M3 005 05 020	626113-0050-020		0,5	2,3/11,0	5,0	20,0	0,3/1,0		0,69
5	TH M3 005 05 024	626113-0051-024		0,5	2,3/15,0	5,0	24,0	0,3/1,0		0,75
6	TH M3 006 05 014	626113-0060-014		0,6	4,6/5,0	5,0	14,0	0,4/1,0		0,61
7	TH M3 006 05 017	626113-0060-014		0,6	4,6/8,0	5,0	17,0	0,4/1,0		0,61
8	TH M3 006 05 020	626113-0060-020		0,6	4,6/11,0	5,0	20,0	0,4/1,0		0,68
9	TH M3 008 05 014	626113-0080-014		0,8	5,0	5,0	14,0	0,6		0,62
10	TH M3 008 05 020	626113-0080-020		0,8	4,8/11,0	5,0	20,0	0,6/1,0		0,69
11	TH M3 008 05 034	626113-0080-034		0,8	4,1/25,0	5,0	34,0	0,6/1,0		0,80
12	TH M3 010 05 014	626113-0100-014		1,0	5,0	5,0	14,0	0,8		0,63
13	TH M3 010 05 020	626113-0101-020		1,0	5,1/11,0	5,0	20,0	0,6/1,0		0,70
14	TH M3 010 05 020/0,8	626113-0100-020		1,0	5,0/11,0	5,0	20,0	0,8/1,0		0,69
15	TH M3 010 05 030	626113-0100-030		1,0	5,0/21,0	5,0	30,0	0,8/1,0		0,80
16	TH M3 010 05 020/11,0	626113-0103-020		1,0	11,0	5,0	20,0	0,8		0,70
17	TH M3 010 05 040	626113-0100-040		1,0	5,0/31,0	5,0	40,0	0,8/1,0		1,50
18	TH M3 015 05 014	626113-0150-014		1,5	5,0	5,0	14,0	1,0		0,65
19	TH M3 015 05 020	626113-0150-020		1,5	11,0	5,0	20,0	1,0		0,72
20	TH M3 015 05 030/9,0	626113-0151-030		1,5	21,0	5,0	30,0	1,0		0,84
21	TH M3 015 05 030	626113-0150-030		1,5	22,5	5,0	30,0	1,0		0,90
22	TH M3 015 05 040	626113-0151-040		1,5	31,0	5,0	40,0	1,0		1,60
23	TH M3 020 05 014	626113-0200-014		2,0	5,0	5,0	14,0	1,0		0,66
24	TH M3 020 05 020	626113-0200-020		2,0	11,0	5,0	20,0	1,0		0,72
25	TH M3 020 05 025	626113-0200-020		2,0	16,0	5,0	25,0	1,0		0,8
26	TH M3 020 05 030	626113-0200-030		2,0	21,0	5,0	30,0	1,0		0,83
27	TH M3 020 05 040	626113-0201-040		2,0	31,0	5,0	40,0	1,5		1,70
28	TH M3 025 05 020	626113-0250-020		2,5	11,0	5,0	20,0	1,5		1,0
29	TH M3 025 05 030	626113-0250-030		2,5	21,0	5,0	30,0	1,5		1,50
30	TH M3 025 05 040	626113-0250-040		2,5	31,0	5,0	40,0	1,5		2,0
30	TH M3 005 05 024	626113-0051-024		3,0	2,3/15,0	5,0	24,0	6,3/1,0		0,75

Peg mounted balls, except for ball-Ø 0,3 – 0,6 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

ULTRA Scanning styli XXT

Thread M3 XXT
Material Titanium base, carbide stem, diamond-coated ball



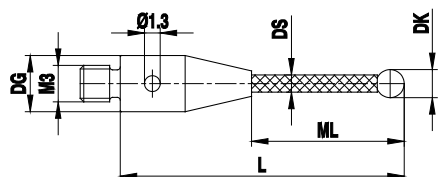
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 DC10 05 020			1,0	5,0/11,0	5,0	20,0	06/1,0		0,70
2	TH M3 DC10 05 030			1,0	5,0/21,0	5,0	30,0	0,8/1,0		0,80
3	TH M3 DC10 05 040			1,0	5,0/31,0	5,0	40,0	0,8/1,0		1,50
4	TH M3 DC15 05 030			1,5	22,5	5,0	30,0	1,0		0,90
5	TH M3 DC15 05 040			1,5	31,0	5,0	40,0	1,0		1,60
6	TH M3 DC20 05 020			2,0	11,0	5,0	20,0	1,0		0,72
7	TH M3 DC20 05 030			2,0	21,0	5,0	30,0	1,0		0,83
8	TH M3 DC20 05 040			2,0	31,0	5,0	40,0	1,5		1,70

Balls actively brazed to the stem. Glued balls on request.

Other ball diameters and lengths on request.

ULTRA Scanning carbon fiber styli XXT, thermostable

Thread M3 XXT
Material Titanium base, carbon fibre stem, diamond-coated ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 DC30 05 033			3,0	24,0	5,0	33,0	2,0		0,70
2	TC M3 DC30 05 050			3,0	41,0	5,0	50,0	2,0		0,80
3	TC M3 DC30 05 058			3,0	49,0	5,0	58,0	2,0		1,0
4	TC M3 DC30 05 059			3,0	50,0	5,0	59,0	2,0		1,0
5	TC M3 DC30 05 075			3,0	66,0	5,0	75,0	2,0		1,0
6	TC M3 DC40 05 050			4,0	41,0	5,0	50,0	2,0		1,0
7	TC M3 DC50 05 050			5,0	41,0	5,0	50,0	3,5		1,4
8	TC M3 DC50 05 075			5,0	66,0	5,0	75,0	3,5		1,8

Glued balls.

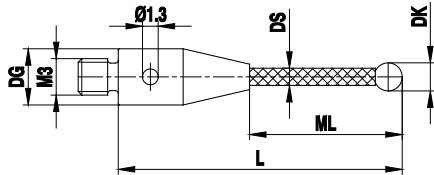
Other ball diameters and lengths on request.

Reference styli XXT (red dot)

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 R50 05 030	626103-0501-030		5,0	21,0	5,0	30,0	3,5		1,1
2	TC M3 R50 05 050	626103-0501-050		5,0	41,0	5,0	50,0	3,5		1,4

Thread M3
Material Titanium base, thermostable carbon fibre stem, ruby ball

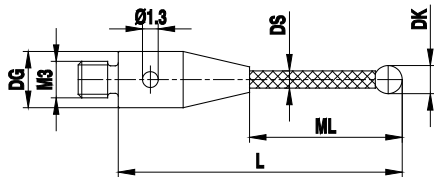
Thermostable carbon fiber, E-module > 450 GPa.



Carbon fiber styli XXT, thermostable

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 030 05 025	626103-0300-025		3,0	16,0	5,0	25,0	2,0		0,65
2	TC M3 030 05 033	626103-0300-033		3,0	24,0	5,0	33,0	2,0		0,7
3	TC M3 030 05 040/2,0	626103-0300-040		3,0	31,0	5,0	40,0	2,0		0,8
4	TC M3 030 05 042	626103-0300-042		3,0	33,0	5,0	42,0	2,0		0,8
5	TC M3 030 05 050	626103-0300-050		3,0	41,0	5,0	50,0	2,0		0,8
6	TC M3 030 05 058	626103-0300-058		3,0	49,0	5,0	58,0	2,0		1,0
7	TC M3 030 05 059	626103-0300-059		3,0	50,0	5,0	59,0	2,0		1,0
8	TC M3 030 05 075	626103-0300-075		3,0	66,0	5,0	75,0	2,0		1,0
9	TC M3 040 05 050	626103-0401-050		4,0	41,0	5,0	50,0	2,0		1,0
10	TC M3 040 05 075	626103-0400-075		4,0	66,0	5,0	75,0	3,5		1,9
11	TC M3 050 05 030/9	626103-0500-030		5,0	21,0	5,0	30,0	3,5		1,1
12	TC M3 050 05 040	626103-0500-040		5,0	31,0	5,0	40,0	3,5		1,2
13	TC M3 050 05 050	626103-0500-050		5,0	41,0	5,0	50,0	3,5		1,4
14	TC M3 050 05 060	626103-0500-060		5,0	51,0	5,0	60,0	3,5		1,5
15	TC M3 050 05 075	626103-0501-075		5,0	66,0	5,0	75,0	3,5		1,8
16	TC M3 060 05 050	626103-0600-050		6,0	40,0	5,0	50,0	3,5		1,5
17	TC M3 060 05 070	626103-0610-070		6,0	61,0	5,0	70,0	3,5		1,8
18	TC M3 060 05 100	626103-0600-100		6,0	91,0	5,0	100,0	3,5		2,4
19	TC M3 080 05 030	626103-0800-030		8,0	30,0	5,0	30,0	5,0		1,86
20	TC M3 080 05 050	626103-0830-050		8,0	50,0	5,0	50,0	5,0		2,1
21	TC M3 080 05 070	626103-0830-070		8,0	70,0	5,0	70,0	5,0		2,6
22	TC M3 080 05 100	626103-0830-100		8,0	100,0	5,0	100,0	5,0		2,7
23	TC M3 080 05 125	626103-0800-125		8,0	125,0	5,0	125,0	5,0		2,9

Thread M3
Material Titanium base, thermostable carbon fiber stem, ruby ball

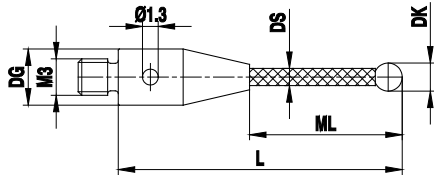


Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli XXT, thermostable with silicon nitride ball

Thread M3
Material Titanium base, thermostable carbon fiber stem, silicon nitride ball, cup mounted

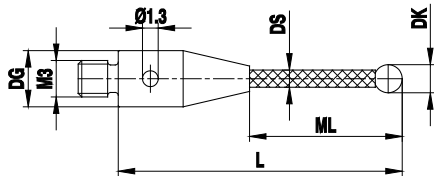


Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S30 05 033/K	626103-0301-033	3,0	24,0	5,0	33,0	2,0		0,7
2	TC M3 S30 05 050/K	626103-0301-050	3,0	41,0	5,0	50,0	2,0		0,8
3	TC M3 S50 05 050/K	626103-0502-050	5,0	41,0	5,0	50,0	3,5		1,4
4	TC M3 S50 05 075/K	626103-0500-075	5,0	66,0	5,0	75,0	3,5		1,8
5	TC M3 S80 05 070/K	626103-0801-070	8,0	70,0	5,0	70,0	5,0		2,6
6	TC M3 S80 05 125/K	626103-0801-125	8,0	125,0	5,0	125,0	5,0		2,9

Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli XXT, thermostable with silicon nitride ball

Thread M3
Material Titanium base, thermostable carbon fiber stem, silicon nitride ball, peg mounted for higher stiffness

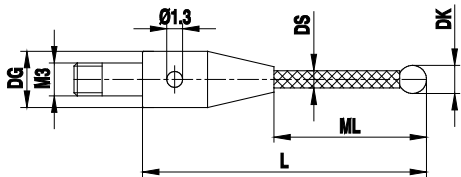


Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S30 05 033	-	3,0	24,0	5,0	33,0	2,0		0,7
2	TC M3 S30 05 050	-	3,0	41,0	5,0	50,0	2,0		0,8
3	TC M3 S50 05 050	-	5,0	41,0	5,0	50,0	3,5		1,4
4	TC M3 S50 05 075	-	5,0	66,0	5,0	75,0	3,5		1,8
5	TC M3 S80 05 070	-	8,0	70,0	5,0	70,0	5,0		2,6
6	TC M3 S80 05 125	-	8,0	125,0	5,0	125,0	5,0		2,9

Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber clamping styli XXT, thermostable

Thread M3
Material Titanium base, thermostable carbon fiber stem, ruby ball

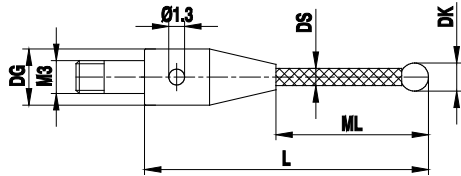


Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 030 05 020	626103-0301-020	3,0	11,0	5,0	20,0	2,0		0,7
2	TC M3 030 05 030	626103-0301-030	3,0	21,0	5,0	30,0	2,0		0,75
3	TC M3 030 05 040	626103-0301-040	3,0	31,0	5,0	40,0	2,0		0,8

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber clamping styli XXT, thermostable with silicon nitride ball

Thread M3
Material Titanium base, thermostable carbon fiber stem, silicon nitride ball, cup mounted



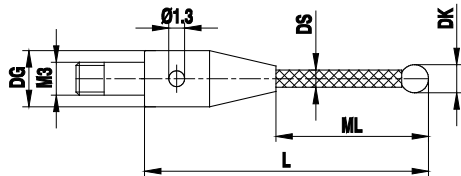
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S30 05 020/K	626103-0311-020	3,0	11,0	5,0	20,0	2,0		0,7
2	TC M3 S30 05 030/K	626103-0311-030	3,0	21,0	5,0	30,0	2,0		0,75
3	TC M3 S30 05 040/K	626103-0311-040	3,0	31,0	5,0	40,0	2,0		0,8

Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber clamping styli XXT, thermostable with silicon nitride ball

Thread M3
Material Titanium base, thermostable carbon fiber stem, silicon nitride ball, peg mounted for higher stiffness



Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S30 05 020	-	3,0	11,0	5,0	20,0	2,0		0,7
2	TC M3 S30 05 030	-	3,0	21,0	5,0	30,0	2,0		0,75
3	TC M3 S30 05 040	-	3,0	31,0	5,0	40,0	2,0		0,8

Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

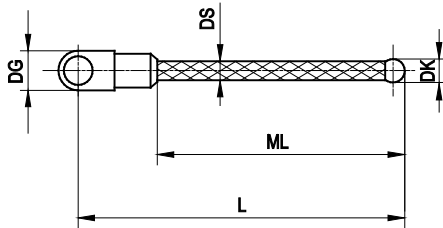
All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fibre styli for ¼ star styli XXT, thermostable

Thread M3
Material Titanium base, thermostable carbon fibre stem, ruby ball

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SC M3 030 05 020	626103-0302-020		3,0	11,0	5,0	20,0	2,0		0,8
2	SC M3 030 05 030	626103-0302-030		3,0	21,0	5,0	30,0	2,0		0,9
3	SC M3 030 05 040	626103-0302-040		3,0	31,0	5,0	40,0	2,0		1,0

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.
 All existing ball materials are available upon request for all styli and all thread sizes.

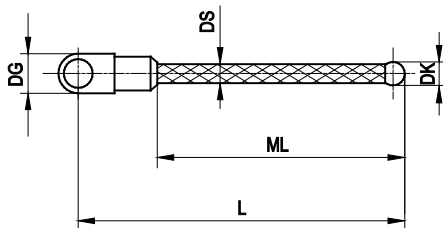


Carbon fibre styli for ¼ star styli XXT, thermostable with silicon nitride ball

Thread M3
Material Titanium base, thermostable carbon fibre stem, silicon nitride ball

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SC M3 S30 05 020	626103-0312-020		3,0	11,0	5,0	20,0	2,0		0,8
2	SC M3 S30 05 030	626103-0312-030		3,0	21,0	5,0	30,0	2,0		0,9
3	SC M3 S30 05 040	626103-0312-040		3,0	31,0	5,0	40,0	2,0		1,0

Cup mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.
 All existing ball materials are available upon request for all styli and all thread sizes.



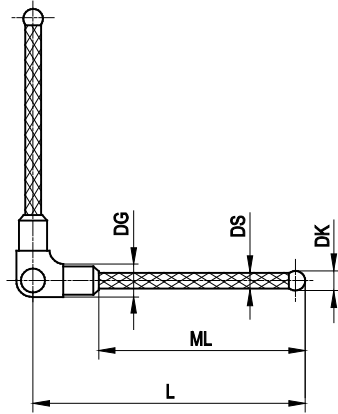
**Carbon fibre styli for 1/2 star styli XXT
90°, thermostable**

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SC M3 030 05 020/90°	626103-0303-020		3,0	11,0	5,0	20,0	2,0		1,4
2	SC M3 030 05 030/90°	626103-0303-030		3,0	21,0	5,0	30,0	2,0		1,5
3	SC M3 030 05 040/90°	626103-0303-040		3,0	31,0	5,0	40,0	2,0		1,6

Thread M3
Material Titanium base, thermostable carbon
fibre stem, ruby ball

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



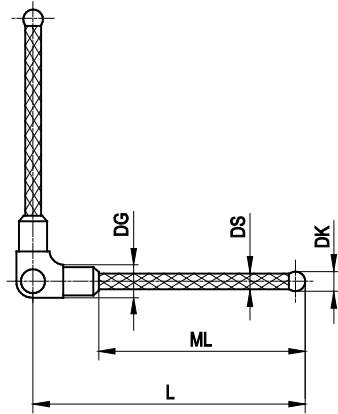
**Carbon fibre styli for ½ star styli XXT
90°, thermostable with silicon nitride
ball**

Thread M3
Material Titanium base, thermostable carbon
fibre stem, silicon nitride ball

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SC M3 S30 05 020/90°	626103-0313-020		3,0	11,0	5,0	20,0	2,0		1,4
2	SC M3 S30 05 030/90°	626103-0313-030		3,0	21,0	5,0	30,0	2,0		1,5
3	SC M3 S30 05 040/90°	626103-0313-040		3,0	31,0	5,0	40,0	2,0		1,6

Cup mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



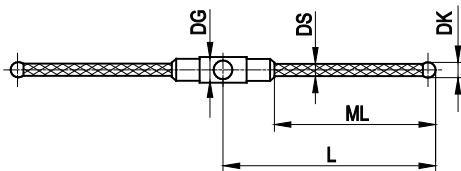
**Carbon fibre styli for ½ star styli XXT
180°, thermostable**

Thread M3
Material Titanium base, carbon fibre stem,
thermostable, ruby ball

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SC M3 030 05 020/180°	626103-0304-020		3,0	11,0	5,0	20,0	2,0		1,4
2	SC M3 030 05 030/180°	626103-0304-030		3,0	21,0	5,0	30,0	2,0		1,5
3	SC M3 030 05 040/180°	626103-0304-040		3,0	31,0	5,0	40,0	2,0		1,6

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



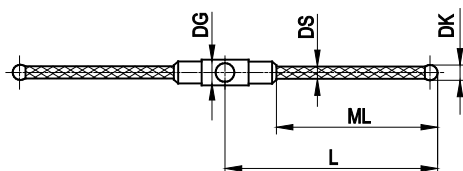
Carbon fibre styli for 1/2 star styli XXT 180°, thermostable with silicon nitride ball

Thread M3
Material Titanium base, carbon fibre stem, thermostable, silicon nitride ball

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SC M3 S30 05 020/180°	626103-0314-020		3,0	11,0	5,0	20,0	2,0		1,4
2	SC M3 S30 05 030/180°	626103-0314-030		3,0	21,0	5,0	30,0	2,0		1,5
3	SC M3 S30 05 040/180°	626103-0314-040		3,0	31,0	5,0	40,0	2,0		1,6

Cup mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



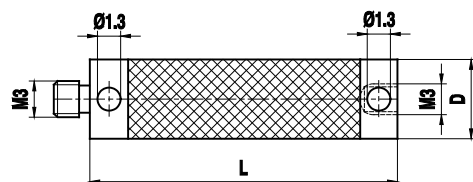
Carbon fiber extension XXT

Thread M3
Material Thermostable carbon fiber, black

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VC M3 000 05 020	626103-5020-000				5,0	20,0			1,2
2	VC M3 000 05 025	626103-5025-000				5,0	25,0			1,25
3	VC M3 000 05 030	626103-5030-000				5,0	30,0			1,3
4	VC M3 000 05 040	626103-5040-000				5,0	40,0			1,4
5	VC M3 000 05 050	626103-5050-000				5,0	50,0			1,5
6	VC M3 000 05 060	626103-5060-000				5,0	60,0			1,7
7	VC M3 000 05 065	626103-5065-000				5,0	65,0			1,7
8	VC M3 000 05 075	626103-5075-000				5,0	75,0			1,7
9	VC M3 000 05 080	626103-5080-000				5,0	80,0			1,8
10	VC M3 000 05 100	626103-5100-000				5,0	100,0			2,0
11	VC M3 000 05 130	626103-5130-000				5,0	130,0			2,5
12	VC M3 000 05 150	626103-5150-000				5,0	150,0			2,7

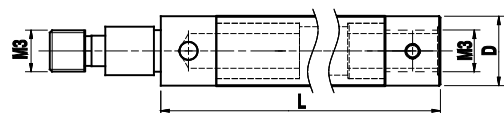
Special designs on request.

E-module of approximately 450 GPa.



Clamping extension with thread carbon fiber XXT

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VC M3 000 K5 020	626103-5020-010				5,0	20,0			1,3
2	VC M3 000 K5 045	626103-5045-010				5,0	45,0			1,5

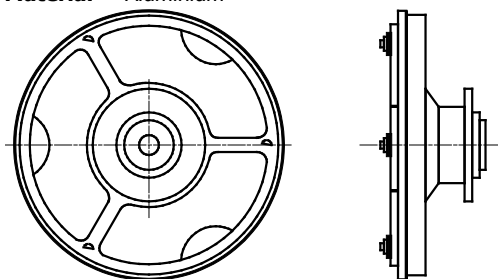


Special designs on request.
E-module of approximately 450 GPa.

Adapter Plate VAST XXT TL1

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TP M3 MES SO TL1	620161-8155-000								

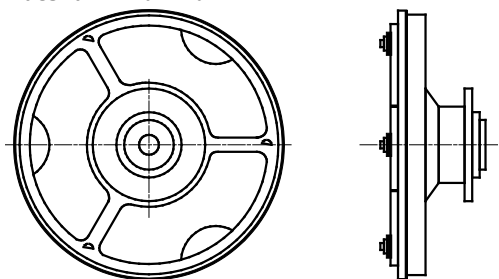
Thread M3
Material Aluminium



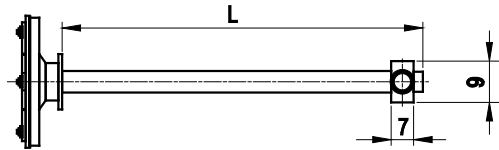
Reference Adapter Plate VAST XXT TL1

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TP M3 MES SO TL1R	620161-8158-000								

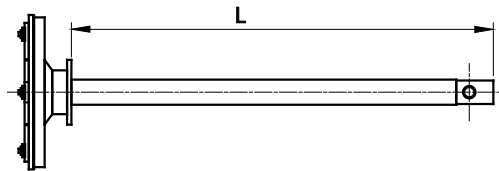
Thread M3
Material Aluminium



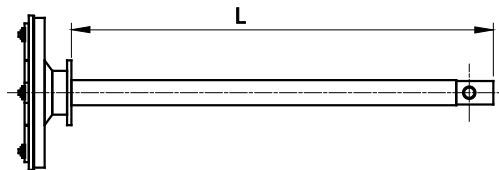
Adapter plate VAST XXT TL1 Star		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TP M3 MES SO TL1S	626103-8231-055					55,0			6,3
Material	Aluminium											



Adapter Plate VAST XXT TL2		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TP M3 MES SO TL2	620161-8165-000								
Material	Aluminium											



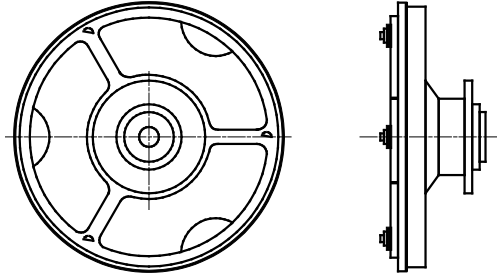
Reference Adapter Plate VAST XXT TL2		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TP M3 MES SO TL2R	620161-8168-000								
Material	Aluminium											



Adapter Plate VAST XXT TL3

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TP M3 MES SO TL3	620161-8175-000								

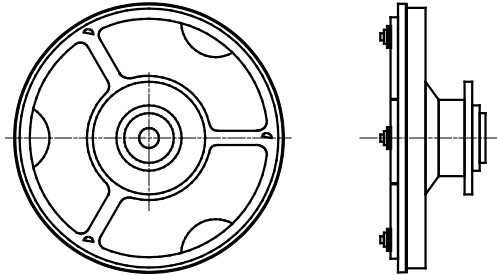
Thread M3
Material Aluminium



Reference Adapter Plate VAST XXT TL3

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TP M3 MES SO TL3R	620161-8178-000								

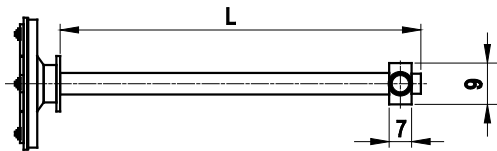
Thread M3
Material Aluminium



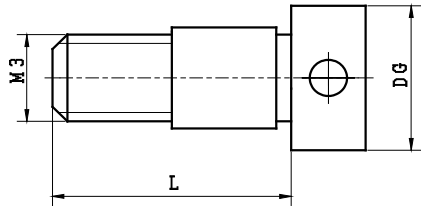
Adapter plate VAST XXT TL3 Star

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TP M3 MES SO TL3S	626103-8233-055					55,0			6,3

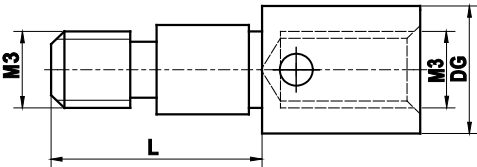
Thread M3
Material Aluminium



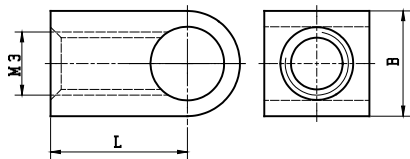
Clamping screw XXT		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	SI M3 000 05 008	626103-6110-004				5,0	8,0			0,5
Material	Titanium											
Special designs on request.												



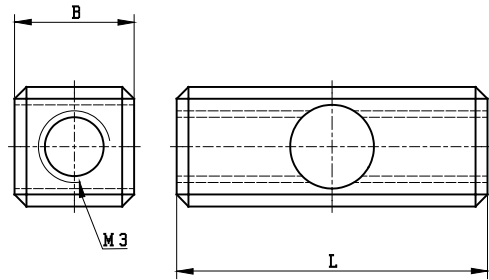
Clamping screw XXT, with internal thread M3		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	SI M3 M30 05 008	626103-6110-005				5,0	8,0			0,7
Material	Titanium											
Special designs on request.												



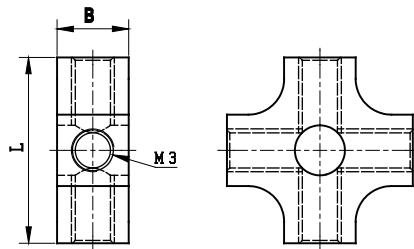
Cube XXT 90°, 1-way		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	WT M3 000 05 006	626103-6110-001					6,5		5,0	0,64
Material	Titanium											
Special designs on request.												



Cube XXT 180°, 2-way		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	WT M3 180 05 013	626103-6110-002					13,0		5,0	1,05
Material	Titanium	Special designs on request.										



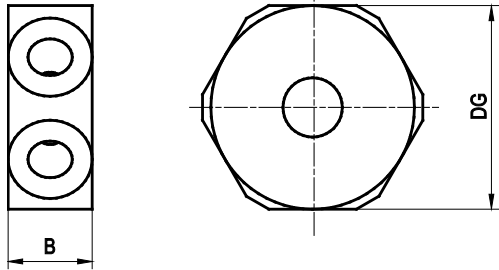
Cube XXT, star		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	WT M3 000 05 013	626103-6110-003					13,0		5,0	1,8
Material	Titanium	Special designs on request.										



Cube XXT, 6-star		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	WT M3 000 12 005	626103-6110-006				12,0			5,0	1,79

Material Titanium

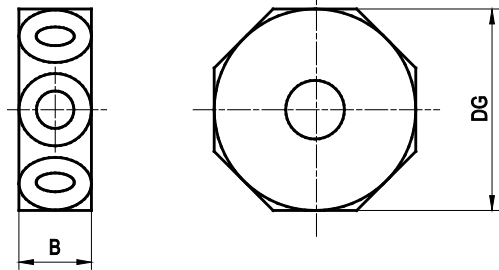
Special designs on request.



Cube XXT, 8-star		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	WT M3 000 14 005	626103-6110-007				14,0			5,0	2,31

Material Titanium

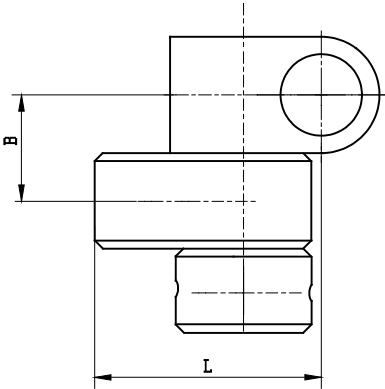
Special designs on request.



Knuckle XXT		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	DT M3 000 05 010	626103-6180-001					10,0		5,0	1,65

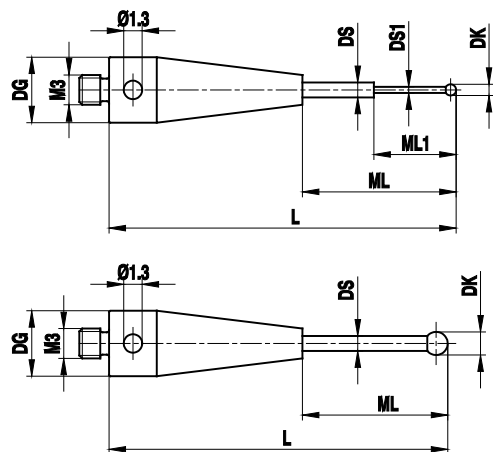
Material Titanium

Special designs on request.



Carbide styli

Thread M3
Material Stainless steel base, carbide stem, ruby ball



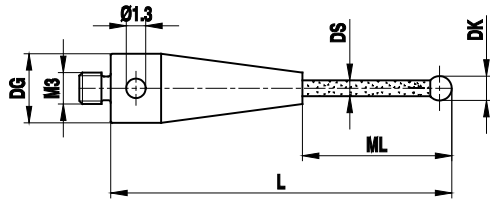
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 002 04 022	-	0,2	2,3/9,0	4,0	22,0	0,18/1,0		1,0
2	TH M3 0025 04 022	-	0,25	2,3/9,0	4,0	22,0	0,18/1,0		1,0
3	TH M3 003 04 022	602030-8121-000	0,3	2,3/9,0	4,0	22,0	0,2/1,0		1,0
4	TH M3 005 04 022	602030-8115-000	0,5	2,5/11,25	4,0	21,25	0,3/1,0		1,0
5	TH M3 006 04 022	602030-8116-000	0,6	4,6/9,0	4,0	22,0	0,4/1,0		1,0
6	TH M3 008 04 022	602030-8117-000	0,8	4,8/9,0	4,0	22,0	0,6/1,0		1,0
7	TH M3 010 04 010	602030-8120-000	1,0	5,0/5,5	4,0	10,5	0,8/1,0		1,0
8	TH M3 010 04 022	602030-8118-000	1,0	5,0/9,0	4,0	22,0	0,8/1,0		1,0
9	TH M3 015 04 022	602030-8119-000	1,5	9,0	4,0	22,0	1,0		1,0
10	TH M3 020 04 021	602030-8023-000	2,0	15,0	4,0	21,0	1,0		1,0
11	TH M3 020 04 022	602030-8104-000	2,0	14,0	4,0	22,0	1,0		1,0
12	TH M3 020 04 040	-	2,0	34,0	4,0	40,0	1,5		1,0
13	TH M3 030 04 021	602030-8106-000	3,0	13,0	4,0	21,0	2,0		1,0
14	TH M3 030 04 022	602030-8021-000	3,0	15,5	4,0	21,5	1,5		1,0
16	TH M3 Z30 05 040	602030-8113-000	3,0	21,5	5,5	40,0	2,0		4,0
17	TH M3 030 05 050	-	3,0	31,5	5,5	50,0	2,0		4,5
18	TH M3 040 04 030	-	4,0	22,0	4,0	30,0	2,0		2,0
19	TH M3 040 04 040	-	4,0	32,0	4,0	40,0	2,0		2,0
20	TH M3 040 04 050	-	4,0	42,0	4,0	50,0	2,0		2,9
21	TH M3 050 04 030	-	5,0	22,0	4,0	30,0	2,0		2,1
22	TH M3 050 04 040	-	5,0	32,0	4,0	40,0	2,0		2,0
23	TH M3 050 04 050	-	5,0	42,0	4,0	50,0	2,0		3,0
24	TH M3 050 04 060	-	5,0	52,0	4,0	60,0	2,0		3,5
25	TH M3 060 04 030	-	6,0	22,0	4,0	30,0	2,0		2,3
26	TH M3 060 04 040	-	6,0	32,0	4,0	40,0	2,0		2,7
27	TH M3 060 04 050	-	6,0	42,0	4,0	50,0	2,0		3,2

Peg mounted balls, except for ball-Ø 0,2 - 0,6 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli

Thread M3
Material Stainless steel base, ceramic stem, ruby ball



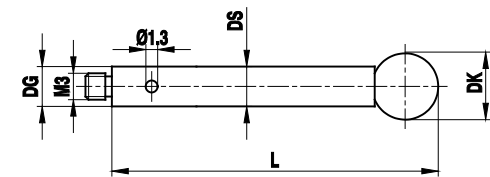
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M3 040 04 032	602030-8102-000	4,0	26,0	4,0	32,0	2,0		1,0
2	TK M3 050 04 032	602030-8101-000	5,0	24,0	4,0	32,5	2,0		1,0
3	TK M3 060 04 013	602030-8020-000	6,0	9,0	4,0	13,0	2,0		1,0
4	TK M3 060 04 043	-	6,0	30,5	4,0	43,5	2,0		1,2
5	TK M3 060 04 063	-	6,0	50,5	4,0	63,5	2,0		1,5
6	TK M3 080 04 031	-	8,0	18,5	4,0	31,5	2,0		1,3

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Stainless steel styli

Thread M3
Material Stainless steel base and stem, ruby ball



Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M3 050 04 023	-	5,0	23,5	4,0	23,5	4,0		2,2
2	TI M3 050 04 033	-	5,0	33,5	4,0	33,5	4,0		3,1
3	TI M3 050 04 042	-	5,0	42,5	4,0	42,5	4,0		4,1
4	TI M3 050 04 052	-	5,0	52,5	4,0	52,5	4,0		5,1
5	TI M3 060 04 024	-	6,0	24,0	4,0	24,0	4,0		2,3
6	TI M3 060 04 034	-	6,0	34,0	4,0	34,0	4,0		3,2
7	TI M3 060 04 043	-	6,0	43,0	4,0	43,0	4,0		4,3
8	TI M3 060 04 053	-	6,0	53,0	4,0	53,0	4,0		5,2

Peg mounted balls. Special designs on request.

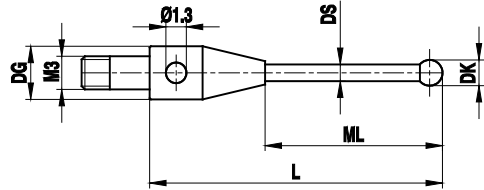
All existing ball materials are available upon request for all styli and all thread sizes.

Styli for star configuration

	Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M3	1	TI M3 020 04 019	-		2,0	12,0	4,0	19,0	1,4		3,0
Material Stainless steel base and stem, ruby ball	2	TI M3 020 04 029	-		2,0	11,0	4,0	29,0	1,4		5,3

Peg mounted balls. Special designs on request.

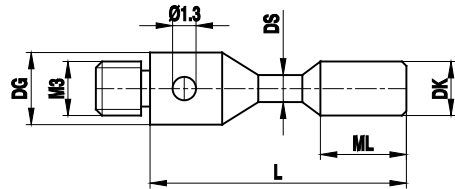
Silicon nitride and zirconium oxide balls are available upon request for all styli and all thread sizes.



Cylinder styli

	Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M3	1	ZH M3 015 04 011	602030-8097-000		1,5	1,5	4,0	11,0	1,0		0,4
Material Stainless steel base, carbide stem, carbide cylinder	2	ZH M3 030 04 013	602030-8099-000		3,0	4,0	4,0	13,0	1,5		0,7

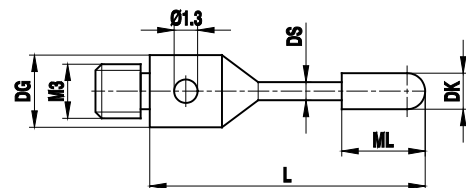
Special designs on request.



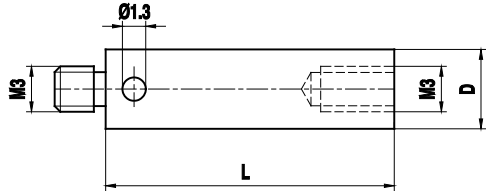
Cylinder styli

	Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M3	1	ZR M3 020 04 020	602030-8107-000		2,0	7,0	4,0	21,0	1,0		0,7
Material Stainless steel base, carbide stem, ruby cylinder	2	ZR M3 020 04 030	-		2,0	7,0	4,0	30,0	1,5		

Special designs on request.



Extension		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VI M3 000 04 010	602030-8301-000				4,0	10,0			0,7
Material	Stainless steel	2	VI M3 000 04 020	602030-8302-000				4,0	20,0			1,6
		3	VI M3 000 04 030	602030-8303-000				4,0	30,0			2,6
		4	VI M3 000 04 040	602030-8304-000				4,0	40,0			3,7
		5	VI M3 000 04 050	602030-8305-000				4,0	50,0			4,7

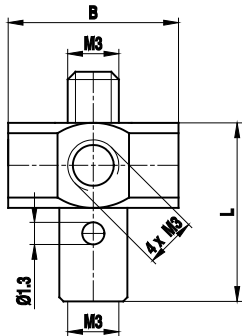


Special designs on request.

5-way styli holder, rotary		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	HI M3 000 12 011	602030-8382-000					11,5		12,0	4,2

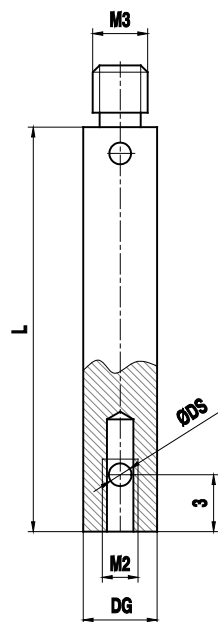
Material Stainless steel

Special designs on request.



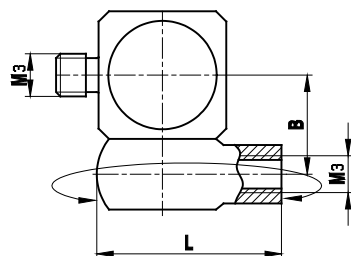
Holder for styli 90°		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	KH M3 010 04 030	-				4,0	30,0	1,0		2,9
Material	Stainless steel	2	KH M3 015 04 030	-				4,0	30,0	1,5		2,9

Special designs on request.

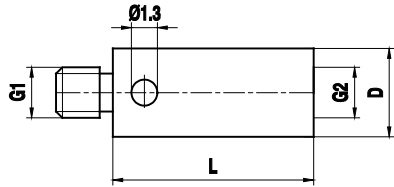


Rotary knuckle		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	DI M3 000 06 012	602030-9102-000					12,0		6,0	3,6
Material	Stainless steel											

Special designs on request.

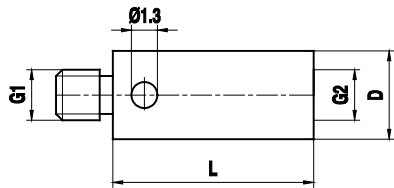


Adapter		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	from to	Weight g
Thread M3/M2		1	RI M3 000 04 005	602030-8341-000				4,0	5,0		M3 / M2	0,5
Material Stainless steel		Special designs on request.										

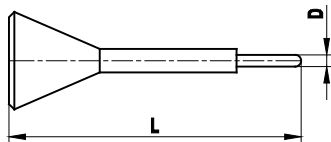


Adapter		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	from to	Weight g
Thread M2/M3		1	RI M2 000 04 005	602030-8345-000				4,0	5,0		M2 / M3	0,5
Material Stainless steel		2	RI M2 000 04 007	000000-1049-178				4,0	7,0		M2 / M3	0,5

Special designs on request.



Wrench		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M2/M3		1	MI MO 012 00 023	602030-0001-000				1,2	23,0			
Material Stainless steel		Special designs on request.										



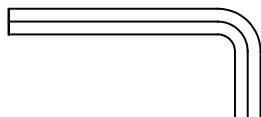
Assembly tool for styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TF M2 M30 08 195	000000-1018-201								

Material Stainless steel

Special designs on request.

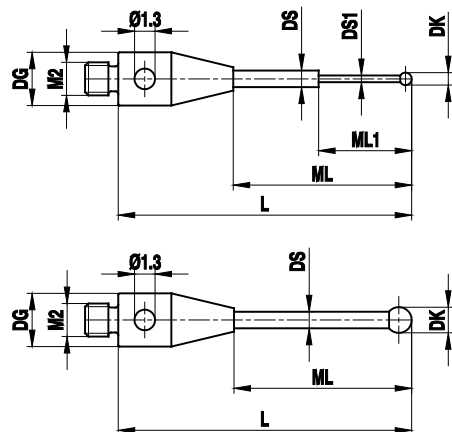


Hexagonal wrench		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	SW	Weight g
Thread		1	WS DD 911 SW 009	602030-0042-000							0,9	
Material	Steel, gunmetal or nickel finish	2	WS DD 911 SW 015	602030-0002-000							1,5	
		3	WS DD 911 SW 020	000000-0015-245							2,0	
		4	WS DD 911 SW 025	602030-0021-000							2,5	
		5	WS DD 911 SW 030	000000-0015-247							3,0	
		6	WS DD 911 SW 040	000000-0015-248							4,0	
		7	WS DD 911 SW 050	-							5,0	
		8	WS DD 911 SW 100	-							10,0	



Carbide styli

Thread M2
Material Stainless steel base, carbide stem, ruby ball



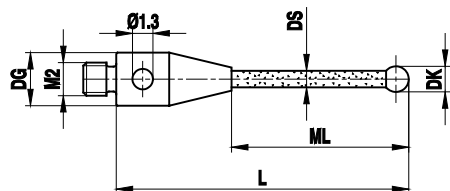
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M2 002 03 017	-	0,2	2,3/12,5	3,0	17,0	0,18/1,0		0,4
2	TH M2 0025 03 017	-	0,25	2,3/12,5	3,0	17,0	0,18/1,0		0,4
3	TH M2 003 03 018	-	0,3	2,3/13,5	3,0	18,0	0,2/1,0		0,4
4	TH M2 005 03 018	-	0,5	2,5/13,5	3,0	18,0	0,3/1,0		0,4
5	TH M2 006 03 018	-	0,6	4,6/13,8	3,0	18,3	0,4/1,0		0,4
6	TH M2 008 03 018	-	0,8	4,8/13,8	3,0	18,3	0,6/1,0		0,4
7	TH M2 010 03 010	602030-8006-000	1,0	6,5	3,0	10,5	0,8		0,3
8	TH M2 010 03 015	-	1,0	11,5	3,0	15,5	0,8		0,3
9	TH M2 010 03 018	-	1,0	5,0/14,0	3,0	18,5	0,8/1,0		0,4
10	TH M2 020 63 011	602030-8001-000	2,0	5,0	3,0	11,0	1,0		1,0
11	TH M2 020 03 011	602030-8008-000	2,0	7,0	3,0	11,0	1,0		1,0
12	TH M2 020 03 016	602030-8009-000	2,0	12,0	3,0	16,0	1,0		1,0
13	TH M2 020 03 021	602030-8005-000	2,0	15,0	3,0	21,0	1,0		1,0
14	TH M2 025 03 012	-	2,5	6,0	3,0	12,0	1,5		1,0
15	TH M2 030 03 012	-	3,0	6,0	3,0	12,0	2,0		1,0
16	TH M2 030 03 021	602030-8003-000	3,0	15,5	3,0	21,5	1,5		1,0
17	TH M2 040 03 012	602030-8015-000	4,0	6,0	3,0	12,0	2,0		1,0
18	TH M2 040 03 022	602030-8016-000	4,0	16,0	3,0	22,0	2,0		1,0
19	TH M2 050 03 022	602030-8034-000	5,0	16,5	3,0	22,5	2,0		1,0

Peg mounted balls, except for ball-Ø 0,2 - 0,6 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli

Thread M2
Material Stainless steel base, ceramic stem, ruby ball



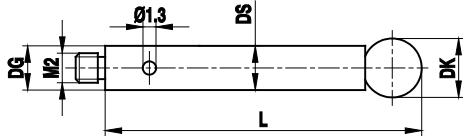
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M2 040 03 016	-	4,0	12,0	3,0	16,0	2,0		0,8
2	TK M2 040 03 036	-	4,0	30,0	3,0	36,0	2,0		1,0
3	TK M2 050 03 014	-	5,0	10,0	3,0	14,0	2,0		0,8
4	TK M2 050 03 022	-	5,0	16,5	3,0	22,5	2,0		1,0
5	TK M2 050 03 038	-	5,0	32,0	3,0	38,0	2,0		1,0
6	TK M2 060 03 013	602030-8002-000	6,0	9,0	3,0	13,0	2,0		1,0

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Stainless steel styli

Thread M2
Material Stainless steel base and stem, ruby ball



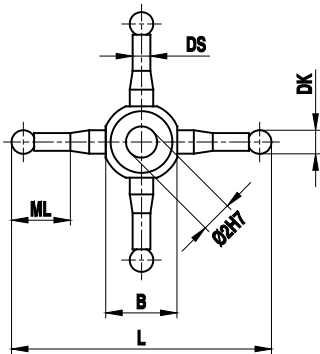
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M2 040 03 032	-		4,0	32,0	3,0	32,0	3,0		1,7
2	TI M2 040 03 042	-		4,0	42,0	3,0	42,0	3,0		2,4
3	TI M2 040 03 052	-		4,0	52,0	3,0	52,0	3,0		2,9
4	TI M2 050 03 022	-		5,0	22,0	3,0	22,0	3,0		1,3
5	TI M2 050 03 032	-		5,0	32,0	3,0	32,0	3,0		1,9
6	TI M2 050 03 042	-		5,0	42,5	3,0	42,5	3,0		2,5
7	TI M2 050 03 052	-		5,0	52,5	3,0	52,5	3,0		3,1
8	TI M2 060 03 013	-		6,0	13,0	3,0	13,0	3,0		0,9
9	TI M2 060 03 028	-		6,0	28,0	3,0	28,0	3,0		1,8
10	TI M2 080 03 013	-		8,0	13,0	3,0	13,0	3,0		2,0

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Star styli

Thread M2
Material Stainless steel cube base and stems, ruby balls



Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SI M2 020 06 022	602030-8010-000		2,0	4,5		22,0	1,4	5,5	1,0
2	SI M2 020 06 032	602030-8011-000		2,0	9,5		32,0	1,4	5,5	1,0

Peg mounted balls. Special designs on request.

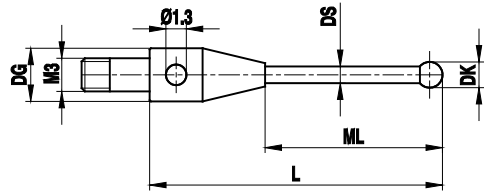
All existing ball materials are available upon request for all styli and all thread sizes.

Styli for star configuration		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	SI M2 020 03 019	602030-8012-000		2,0	13,5	3,0	19,5	1,5		1,0

Material Stainless steel base and stem, ruby ball

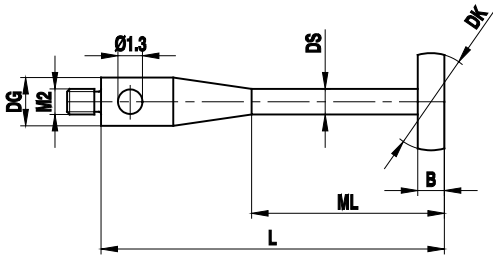
Peg mounted balls. Special designs on request.

Silicon nitride and zirconium oxide balls are available upon request for all styli and all thread sizes.



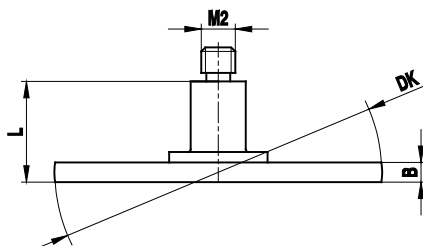
Spherical disk styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	KK M2 040 03 032	602030-8202-000		4,0	19,0	3,0	32,0	1,0	1,0	1,0
Material	Stainless steel base, carbide stem, ceramic disk	2	KK M2 080 03 032	602030-8201-000		8,0	19,0	3,0	32,0	1,5	1,5	1,0

Special designs on request.



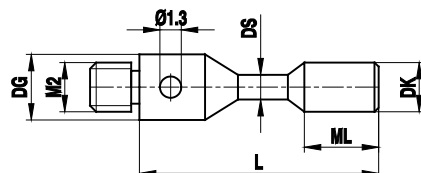
Spherical disk styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	KI M2 140 20 005	602030-8203-000		14,0			5,5		2,0	1,0
Material	Stainless steel base and stem, ceramic disk	2	KI M2 200 25 005	602030-8204-000		20,0			5,5		2,5	3,0

Special designs on request.



Cylinder styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZH M2 015 03 011	602030-8096-000		1,5	1,5	3,0	11,0	1,0		0,3
Material	Stainless steel base, carbide stem, carbide cylinder	2	ZH M2 030 03 013	602030-8098-000		3,0	4,0	3,0	13,0	1,5		0,6

Special designs on request.

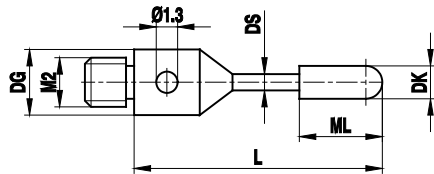


Cylinder styli

	Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M2	1	ZR M2 020 03 020	602030-8100-000		2,0	7,0	3,0	21,0	1,0		0,6

Material Stainless steel base, carbide stem, ruby cylinder

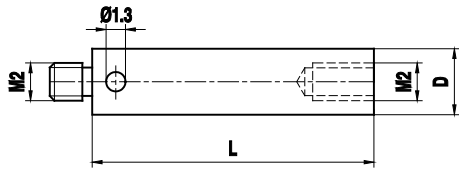
Special designs on request.



Extension

	Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M2	1	VI M2 000 03 005	602030-8321-000				3,0	5,0			0,2
Material Stainless steel	2	VI M2 000 03 010	602030-8322-000				3,0	10,0			0,5
	3	VI M2 000 03 020	602030-8323-000				3,0	20,0			1,0
	4	VI M2 000 03 030	602030-8324-000				3,0	30,0			1,4
	5	VI M2 000 03 035	-				3,0	35,0			1,8
	6	VI M2 000 03 040	602030-8325-000				3,0	40,0			2,2
	7	VI M2 000 03 050	-				3,0	50,0			2,7

Special designs on request.



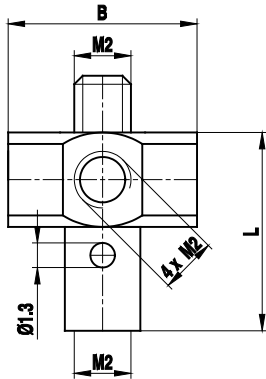
5-way styli holder, rotary

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HI M2 000 07 008	602030-8381-000					7,5		7,0	1,2

Thread M2

Material Stainless steel

Special designs on request.



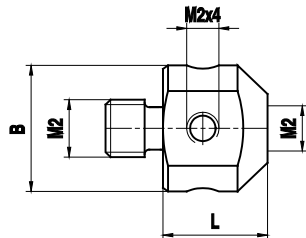
5-way styli holder, small/large

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HI M2 000 07 005	602030-9103-000					5,4		7,0	1,0
2	HI M2 000 10 009	602030-9104-000					9,1		10,5	3,4

Thread M2

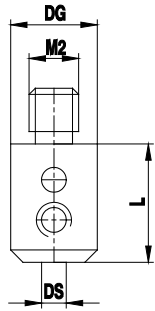
Material Stainless steel

Special designs on request.



Styli holder		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	KH M2 010 06 008	-				6,0	8,0	1,0		1,0
Material	Stainless steel	2	KH M2 015 06 008	-				6,0	8,0	1,5		1,0
		3	KH M2 020 06 008	-				6,0	8,0	2,0		1,0

Special designs on request.

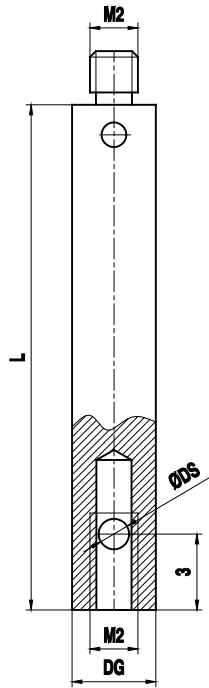


Holder for styli 90°

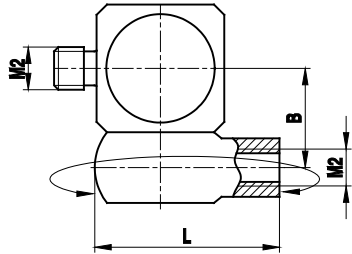
Thread M2
Material Stainless steel

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KH M2 010 03 030	-				3,0	30,0	1,0		2,9
2	KH M2 015 03 030	-				3,0	30,0	1,5		2,9

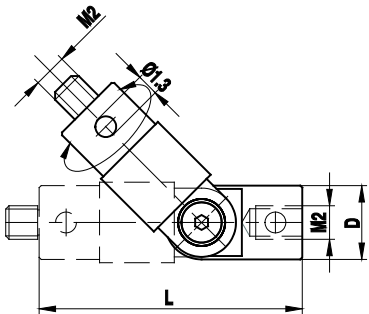
Special designs on request.



Rotary knuckle		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	DI M2 000 04 008	602030-9101-000					8,0		4,5	2,0
Material	Stainless steel	Special designs on request.										



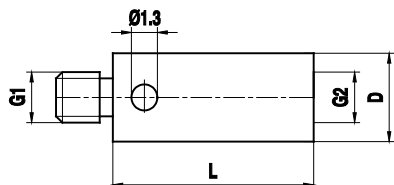
Rotary knuckle, slewing range 360°, swing range 180°		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	GI M2 000 04 016	602030-9105-000				4,0	16,5			1,5
Material	Stainless steel	Special designs on request.										



Adapter		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	from to	Weight g
Thread	M3/M2	1	RI M3 000 04 005	602030-8341-000				4,0	5,0		M3 / M2	0,5

Material Stainless steel

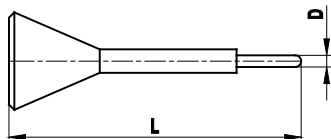
Special designs on request.



Wrench		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2/M3	1	MI MO 012 00 023	602030-0001-000				1,2	23,0			

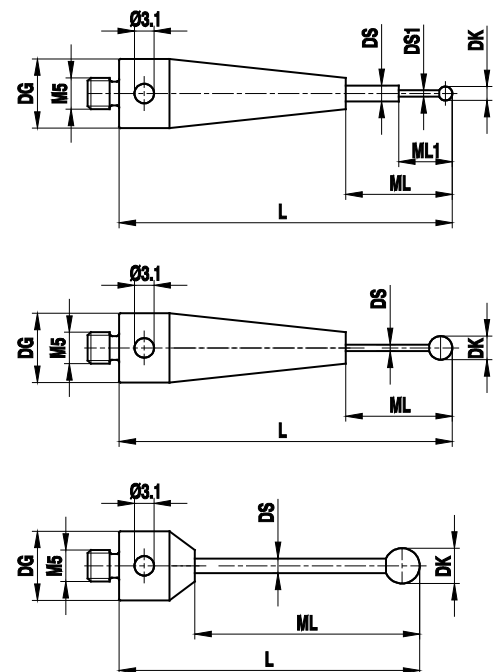
Material Stainless steel

Special designs on request.



Carbide styli

Thread M5
Material Titanium base, carbide stem, ruby ball



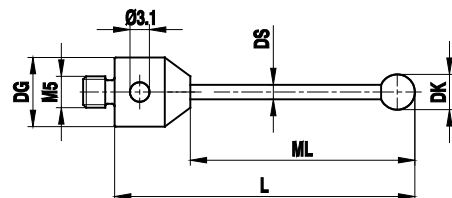
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 002 10 020			0,2	2,3/5,15	10,0	20,15	0,18/1,0		6,5
2	TH M5 0025 10 020			0,25	2,3/5,15	10,0	20,15	0,18/1,0		6,5
3	TH M5 003 10 020			0,3	3,15/5,15	10,0	20,15	0,2/0,7		6,5
4	TH M5 003 10 030			0,3	3,15/5,15	10,0	30,15	0,2/0,7		9,0
5	TH M5 003 10 050			0,3	3,15/5,15	10,0	50,15	0,2/0,7		15,8
6	TH M5 003 10 075			0,3	3,15/5,15	10,0	75,15	0,2/0,7		23,8
7	TH M5 005 10 020			0,5	4,25/5,25	10,0	20,25	0,4/0,7		6,5
8	TH M5 005 10 030			0,5	4,25/5,25	10,0	30,25	0,4/0,7		9,0
9	TH M5 005 10 050			0,5	4,25/5,25	10,0	50,25	0,4/0,7		15,8
10	TH M5 005 10 075			0,5	4,25/5,25	10,0	75,25	0,4/0,7		23,8
11	TH M5 007 10 020			0,7	5,35	10,0	20,35	0,5		6,5
12	TH M5 007 10 030			0,7	5,35	10,0	30,35	0,5		9,0
13	TH M5 007 10 050			0,7	5,35	10,0	50,35	0,5		15,8
14	TH M5 007 10 075			0,7	5,35	10,0	75,35	0,5		23,9
15	TH M5 010 10 020			1,0	5,5	10,0	20,5	0,7		6,5
16	TH M5 010 10 030			1,0	5,5	10,0	30,5	0,7		9,0
17	TH M5 010 10 050			1,0	5,5	10,0	50,5	0,7		15,8
18	TH M5 010 10 075			1,0	5,5	10,0	75,5	0,7		23,8
19	TH M5 015 10 020			1,5	11,75	10,0	20,75	1,0		4,7
20	TH M5 015 10 030			1,5	12,75	10,0	30,75	1,0		7,3
21	TH M5 015 10 040			1,5	22,75	10,0	40,75	1,0		7,4
22	TH M5 015 10 050			1,5	5,75	10,0	50,75	1,0		14,8
23	TH M5 015 10 075			1,5	5,75	10,0	75,75	1,0		23,9
24	TH M5 020 10 021			2,0	12,0	10,0	21,0	1,0		4,7
25	TH M5 020 10 031			2,0	22,0	10,0	31,0	1,0		4,8
26	TH M5 020 10 041			2,0	32,0	10,0	41,0	1,0		4,9
27	TH M5 020 10 051			2,0	42,0	10,0	51,0	1,0		5,1
28	TH M5 020 45 051			2,0	6,0	10,0	51,0	1,0		14,9
29	TH M5 025 10 021			2,5	12,25	10,0	21,25	1,5		4,8
30	TH M5 025 10 031			2,5	22,25	10,0	31,25	1,5		5,1
31	TH M5 025 10 041			2,5	32,25	10,0	41,25	1,5		5,4
32	TH M5 025 10 051			2,5	6,25	10,0	51,25	1,5		14,9
33	TH M5 030 10 101			3,0	56,5	10,0	101,5	1,5		16,3
33	TH M5 030 10 031			3,0	22,5	10,0	31,5	2,0		5,3

Peg mounted balls, except for ball-Ø 0,2 - 0,7 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli

Thread M5
Material Titanium base, carbide stem, ruby ball



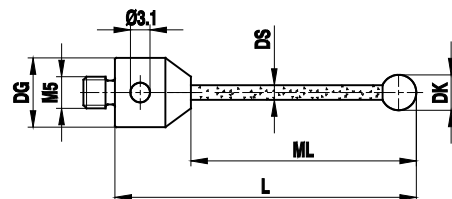
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M5 030 11 025			3,0	15,0	11,0	25,0	2,0		4,0
2	TH M5 030 11 033			3,0	23,5	11,0	33,5	2,0		4,5
3	TH M5 030 11 050			3,0	40,0	11,0	50,0	2,0		5,2
4	TH M5 030 11 058			3,0	48,0	11,0	58,0	2,0		5,5
5	TH M5 040 11 033			4,0	23,5	11,0	33,5	2,0		4,5
6	TH M5 040 11 064			4,0	54,0	11,0	64,0	2,0		5,9
7	TH M5 050 11 050			5,0	40,0	11,0	50,0	3,5		9,0
8	TH M5 050 11 075			5,0	65,0	11,0	75,0	3,5		12,5
9	TH M5 060 11 054			6,0	44,0	11,0	54,0	3,5		10,0
10	TH M5 070 11 055			7,0	45,0	11,0	55,0	3,5		10,0
11	TH M5 080 11 063			8,0	50,5	11,0	63,5	6,0		24,8
12	TH M5 080 11 100			8,0	87,0	11,0	100,0	6,0		40,0
13	TH M5 080 11 114			8,0	101,5	11,0	114,5	6,0		45,8
14	TH M5 090 11 064			9,0	51,5	11,0	64,5	6,0		26,3
15	TH M5 100 11 065			10,0	52,5	11,0	65,5	6,0		25,8
16	TH M5 100 11 118			10,0	105,0	11,0	118,0	6,0		47,3

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli

Thread M5
Material Titanium base, ceramic stem, ruby ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M5 050 11 053			5,0	43,0	11,0	53,0	3,5		4,6
2	TK M5 060 11 054			6,0	44,0	11,0	54,0	3,5		4,7
3	TK M5 070 11 055			7,0	45,0	11,0	55,0	3,5		5,0
4	TK M5 080 11 063			8,0	50,5	11,0	63,5	6,0		8,3
5	TK M5 080 19 063			8,0	41,5	19,0	63,5	6,0		33,0
6	TK M5 080 19 114			8,0	92,5	19,0	114,5	6,0		38,0
7	TK M5 090 11 064			9,0	51,5	11,0	64,5	6,0		8,4
8	TK M5 090 19 064			9,0	42,5	19,0	64,5	6,0		21,0
9	TK M5 100 11 065			10,0	52,5	11,0	65,5	6,0		9,0
10	TK M5 100 19 065			10,0	43,5	19,0	65,5	6,0		38,0

Peg mounted balls. Special designs on request.

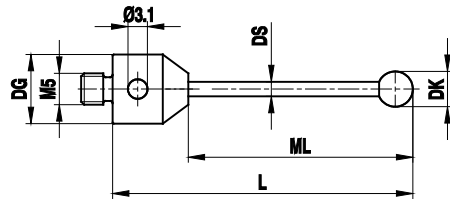
All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli with silicon nitride ball		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	TH M5 S20 10 021			2,0	12,0	10,0	21,0	1,0		4,7

Material Titanium base, carbide stem, silicon nitride ball

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

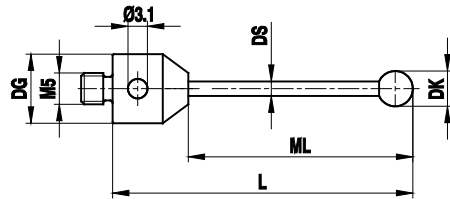


Carbide styli with zirconium oxide ball		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	TH M5 Z20 10 021			2,0	12,0	10,0	21,0	1,0		4,7

Material Titanium base, carbide stem, zirconium oxide ball

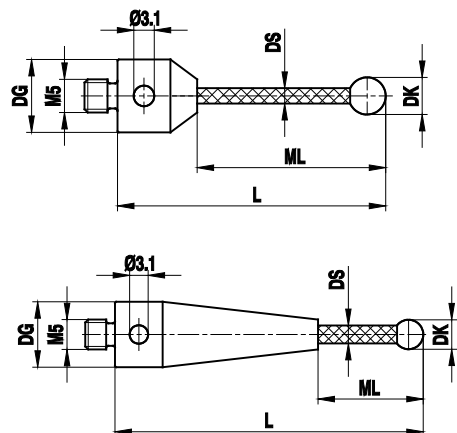
Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



Carbon fiber styli, thermostable

Thread M5
Material Titanium base, thermostable carbon fiber stem, ruby ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M5 025 10 051			2,5	42,25	10,0	51,25	2,0		4,7
2	TC M5 030 10 021			3,0	12,5	10,0	21,5	2,0		4,6
3	TC M5 030 10 031			3,0	22,5	10,0	31,5	2,0		4,6
4	TC M5 030 10 041			3,0	32,5	10,0	41,5	2,0		4,7
5	TC M5 030 10 051			3,0	42,5	10,0	51,5	2,0		4,7
6	TC M5 030 10 101			3,0	21,5	10,0	101,5	2,0		24,8
7	TC M5 040 10 022			4,0	13,0	10,0	22,0	2,0		4,7
8	TC M5 040 10 032			4,0	23,0	10,0	32,0	2,0		4,7
9	TC M5 040 10 052			4,0	43,0	10,0	52,0	2,0		4,8
10	TC M5 040 10 077			4,0	68,0	10,0	77,0	3,0		5,3
11	TC M5 040 80 102			4,0	22,0	10,0	102,0	2,0		24,8
12	TC M5 040 50 102			4,0	52,0	10,0	102,0	3,0		18,0
13	TC M5 050 10 022			5,0	13,5	10,0	22,5	3,0		4,8
14	TC M5 050 10 032			5,0	23,5	10,0	32,5	3,0		4,9
15	TC M5 050 10 052			5,0	43,5	10,0	52,5	3,0		5,1
16	TC M5 050 10 077			5,0	68,5	10,0	77,5	3,0		5,4
17	TC M5 050 50 102			5,0	52,5	10,0	102,5	3,0		18,2
18	TC M5 050 10 102			5,0	93,5	10,0	102,5	3,0		5,7
19	TC M5 060 10 053			6,0	42,0	10,0	53,0	4,0		6,1
20	TC M5 060 10 078			6,0	67,0	10,0	78,0	4,0		6,6
21	TC M5 060 50 103			6,0	53,0	10,0	103,0	4,0		19,7
22	TC M5 060 10 103			6,0	92,0	10,0	103,0	4,0		7,1
23	TC M5 060 10 153			6,0	138,0	10,0	153,0	4,0		9,1
24	TC M5 060 10 203			6,0	188,0	10,0	203,0	4,0		10,1
25	TC M5 060 10 303			6,0	288,0	10,0	303,0	4,0		12,0
26	TC M5 080 10 054			8,0	41,0	10,0	54,0	6,0		8,0
27	TC M5 080 10 079			8,0	66,0	10,0	79,0	6,0		9,1
28	TC M5 080 50 104			8,0	54,0	10,0	104,0	6,0		23,0
29	TC M5 080 10 104			8,0	91,0	10,0	104,0	6,0		10,2
30	TC M5 080 10 154			8,0	135,0	10,0	154,0	6,0		13,7
31	TC M5 080 10 204			8,0	185,0	10,0	204,0	6,0		15,9
32	TC M5 080 10 304			8,0	285,0	10,0	304,0	6,0		20,3
33	TC M5 100 10 055			10,0	42,0	10,0	55,0	6,0		8,9
34	TC M5 100 10 080			10,0	67,0	10,0	80,0	6,0		10,0
35	TC M5 100 50 105			10,0	55,0	10,0	105,0	6,0		23,9
36	TC M5 100 10 105			10,0	92,0	10,0	105,0	6,0		11,1
37	TC M5 100 10 155			10,0	136,0	10,0	155,0	6,0		14,7
38	TC M5 100 10 205			10,0	186,0	10,0	205,0	6,0		16,9
39	TC M5 100 10 305			10,0	286,0	10,0	305,0	6,0		21,3

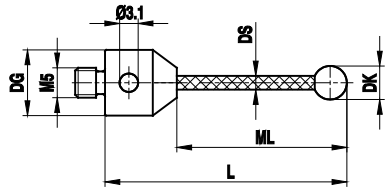
Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable with silicon nitride ball

Thread M5
Material Titanium base, thermostable carbon fiber stem, silicon nitride ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M5 S40 10 022			4,0	13,0	10,0	22,0	2,0		5,0
2	TC M5 S60 10 053			6,0	42,0	10,0	53,0	4,0		7,0
3	TC M5 S60 50 103			6,0	53,0	10,0	103,0	4,0		20,7

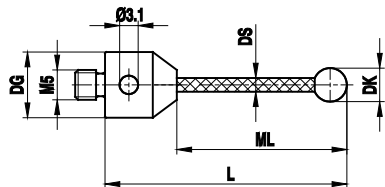


Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable with zirconium oxide ball

Thread M5
Material Titanium base, thermostable carbon fiber stem, zirconium oxide ball

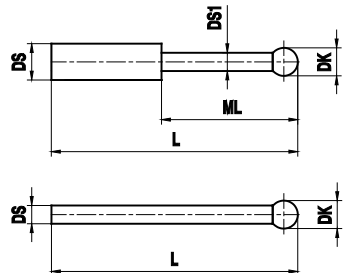
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M5 Z40 10 022			4,0	13,0	10,0	22,0	2,0		5,0
2	TC M5 Z60 10 053			6,0	42,0	10,0	53,0	4,0		7,0
3	TC M5 Z60 50 103			6,0	53,0	10,0	103,0	4,0		20,7



Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Styli for star configuration, non threaded

Thread M5
Material Carbide stem, ruby ball

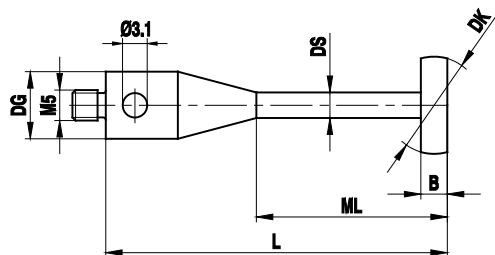


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KT M5 003 01 015			0,3	2,3		15,3	0,2 / 1,0		1,0
2	KT M5 005 01 015			0,5	2,5		15,5	0,3 / 1,0		1,0
3	KT M5 006 01 015			0,6	4,6		15,6	0,4 / 1,0		1,0
4	KT M5 008 01 015			0,8	4,8		15,8	0,6 / 1,0		1,0
5	KT M5 010 01 016			1,0	5,0		16,0	0,8 / 1,0		1,0
6	KT M5 015 10 026			1,5	26,5		26,5	1,0		1,0
7	KT M5 020 15 027			2,0	27,0		27,0	1,5		1,0
8	KT M5 025 15 027			2,5	27,5		27,5	1,5		1,0

Peg mounted balls, except for ball-Ø 0,3 – 0,6 mm. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Spherical disk styli

Thread M5
Material Stainless steel base, carbide stem, high-strength steel disk

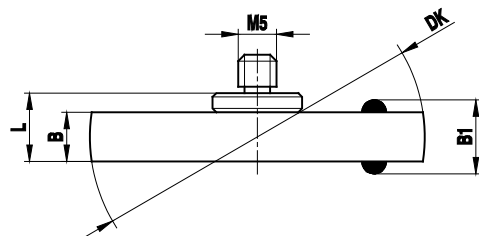


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KH M5 080 12 056			8,0	46,0	12,0	57,0	2,5	1,0	12,0
2	KH M5 100 12 046			10,0	35,7	12,0	46,7	3,0	0,7	13,0
3	KH M5 160 12 057			16,0	49,5	12,0	60,5	3,5	2,5	18,0

Special designs on request.

Spherical disk styli with two hemispherical rubies

Thread M5
Material Stainless steel stem, high-strength steel disk

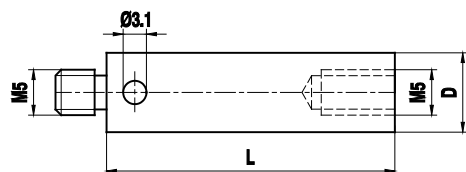


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B1 B	Weight g
1	KI M5 030 12 M50			12,0			5,0		5,0 / 3,0	2,6
2	KI M5 030 21 M50			21,0			5,0		5,0 / 3,0	5,3
3	KI M5 050 35 M50			35,0			7,0		8,0 / 5,0	14,0
4	KI M5 050 63 M50			63,5			7,0		8,0 / 5,0	51,0

Special designs on request. Disk in steel. EAL corresponds to dimension B in the drawing.

Extension

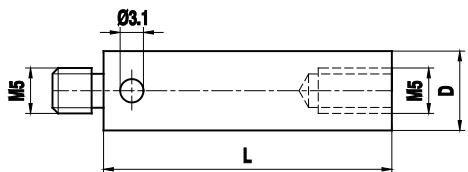
Thread M5
Material Stainless steel



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VI M5 000 11 010					11,0	10,0			6,0
2	VI M5 000 11 020					11,0	20,0			13,0
3	VI M5 000 11 030					11,0	30,0			20,0
4	VI M5 000 11 040					11,0	40,0			28,0
5	VI M5 000 11 050					11,0	50,0			34,8
6	VI M5 000 11 060					11,0	60,0			43,0
7	VI M5 000 11 080					11,0	80,0			58,0
8	VI M5 000 11 100					11,0	100,0			73,0

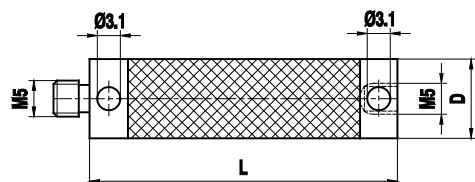
Special designs on request.

Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	VA M5 000 11 040					11,0	40,0			10,3
Material	Aluminum	2	VA M5 000 11 060					11,0	60,0			15,4
		3	VA M5 000 11 080					11,0	80,0			20,6
		4	VA M5 000 11 100					11,0	100,0			25,6
		5	VA M5 000 11 120					11,0	120,0			30,9
		6	VA M5 000 20 040					20,0	40,0			29,0
		7	VA M5 000 20 050					20,0	50,0			34,0
		8	VA M5 000 20 060					20,0	60,0			37,7
		9	VA M5 000 20 080					20,0	80,0			44,8
		10	VA M5 000 20 100					20,0	100,0			50,7
		11	VA M5 000 20 150					20,0	150,0			67,4
		12	VA M5 000 20 200					20,0	200,0			84,7



Extension ULTRA

Thread M5
Material Thermostable carbon fiber, black, titanium ends

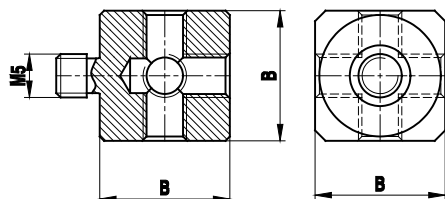


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VC M5 TZ0 11 040					11,0	40,0			9,0
2	VC M5 TZ0 11 050					11,0	50,0			10,0
3	VC M5 TZ0 11 060					11,0	60,0			11,0
4	VC M5 TZ0 11 070					11,0	70,0			11,0
5	VC M5 TZ0 11 080					11,0	80,0			12,0
6	VC M5 TZ0 11 090					11,0	90,0			13,0
7	VC M5 TZ0 11 100					11,0	100,0			14,0
8	VC M5 TZ0 11 120					11,0	120,0			15,0
9	VC M5 TZ0 11 150					11,0	150,0			17,0
10	VC M5 TZ0 11 180					11,0	180,0			19,0
11	VC M5 TZ0 11 200					11,0	200,0			21,0
12	VC M5 TZ0 11 250					11,0	250,0			24,0
13	VC M5 TZ0 11 300					11,0	300,0			27,0
14	VC M5 TZ0 11 400					11,0	400,0			34,0
15	VC M5 TZ0 20 040					20,0	40,0			26,0
16	VC M5 TZ0 20 050					20,0	50,0			28,0
17	VC M5 TZ0 20 060					20,0	60,0			29,0
18	VC M5 TZ0 20 080					20,0	80,0			32,0
19	VC M5 TZ0 20 100					20,0	100,0			34,0
20	VC M5 TZ0 20 120					20,0	120,0			37,0
21	VC M5 TZ0 20 150					20,0	150,0			41,0
22	VC M5 TZ0 20 180					20,0	180,0			45,0
23	VC M5 TZ0 20 200					20,0	200,0			48,0
24	VC M5 TZ0 20 250					20,0	250,0			55,0
25	VC M5 TZ0 20 300					20,0	300,0			62,0
26	VC M5 TZ0 20 400					20,0	400,0			75,0
27	VC M5 TZ0 20 500					20,0	500,0			89,0
28	VC M5 TZ0 20 600					20,0	600,0			103,0

Special designs on request.
 E-module of approximately 450 GPa.

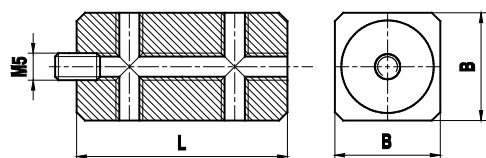
Cube		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	WT M5 000 15 000								15,0	12,6
Material	Titanium	2	WT M5 000 20 000								20,0	31,5

Special designs on request.



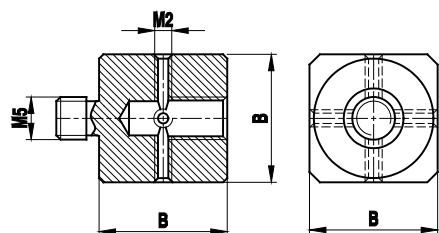
Double cube		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	WT M5 000 20 040						40,0		20,0	64,0
Material	Titanium											

Special designs on request.



Cube		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5/M2	1	WT M5 0M2 15 000								15,0	13,8
Material	Titanium	2	WT M5 0M2 20 000								20,0	35,2

Special designs on request.

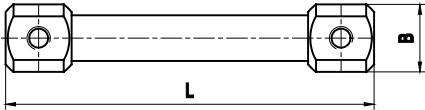


Cube extension

Thread M5
Material Titanium

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	WT M5 000 20 120						120,0		20,0	87,0

Special designs on request.

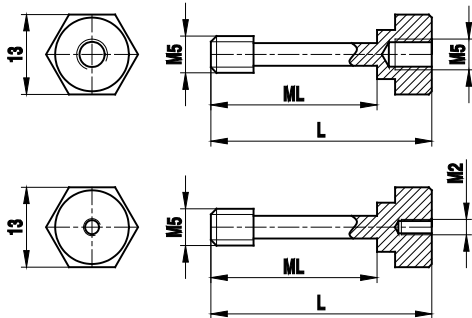


Screw for cube and spherical disk

Thread M5
Material Stainless steel

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SI M5 000 21 030				21,0		30,0			9,0
2	SI M5 000 26 035				26,0		35,0			9,0
3	SI M5 0M2 20 030				20,0		30,0			6,7
4	SI M5 0M2 26 035				26,0		35,0			7,1

Special designs on request.

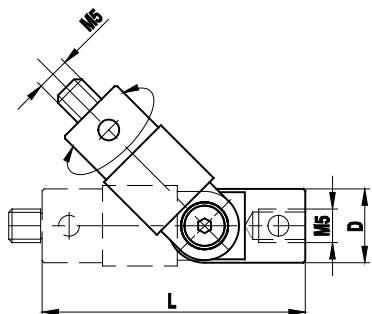


Rotary knuckle, slewing range 360°, swing range 180°

Thread M5
Material Titanium

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	DG M5 000 11 051					11,0	51,0			19,0
2	DG M5 000 18 058					18,0	58,0			58,0

Special designs on request.

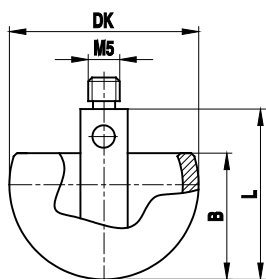


Hollow ceramic hemisphere

Thread M5
Material Stainless steel base, hollow ceramic hemisphere

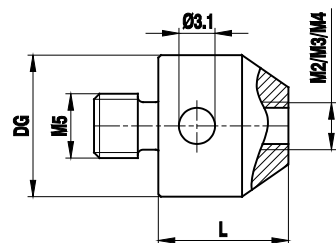
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HK M5 160 10 019			16,0		10,0	19,5		10,0	7,0
2	HK M5 180 10 020			18,0		10,0	20,0		11,0	7,0
3	HK M5 220 10 020			22,0		10,0	20,0		13,0	10,0
4	HK M5 300 10 024			30,0		10,0	24,5		18,0	18,0

Special designs on request.



Adapter		Pos.	itp Order No			DK	ML1 ML	DG D	L	from to	B	Weight g
Thread	M5	1	RT M5 200 11 010					11,0	10,0	M5 / M2		5,2
Material	Stainless Steel	2	RT M5 300 11 010					11,0	10,0	M5 / M3		5,2
		3	RT M5 400 11 010					11,0	10,0	M5 / M4		5,2

Special designs on request.



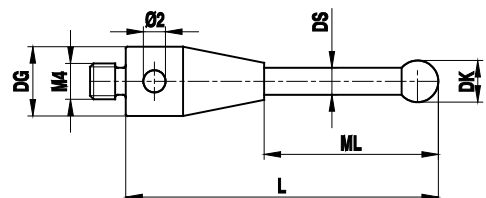
Wrench		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	MI MO 029 00 070					2,9	70,0			
Material	Stainless steel											

Special designs on request.



Carbide styli

Thread M4
Material Stainless steel base, carbide stem, ruby ball



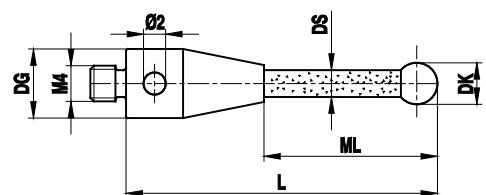
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M4 010 R7 020			1,0	10,5	7,0	20,5	0,7		2,4
2	TH M4 020 07 021			2,0	11,0	7,0	21,0	1,5		3,0
3	TH M4 020 07 051			2,0	41,0	7,0	51,0	1,5		3,8
4	TH M4 030 07 021			3,0	11,5	7,0	21,5	1,5		3,5
5	TH M4 030 07 051			3,0	40,0	7,0	51,5	2,0		4,9
6	TH M4 040 07 022			4,0	10,5	7,0	22,0	1,5		3,5
7	TH M4 040 07 052			4,0	40,5	7,0	52,0	2,0		5,0
8	TH M4 050 07 022			5,0	9,0	7,0	22,5	2,5		4,5
9	TH M4 050 07 052			5,0	39,0	7,0	52,5	2,5		6,7
10	TH M4 060 07 023			6,0	9,5	7,0	23,0	2,5		4,7
11	TH M4 060 07 053			6,0	39,5	7,0	53,0	2,5		6,9

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli

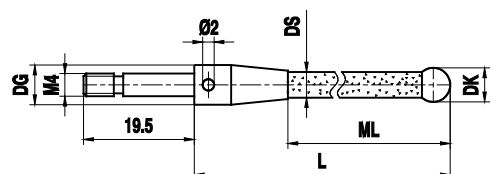
Thread M4
Material Stainless steel base, ceramic stem, ruby ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M4 040 07 052			4,0	35,0	7,0	52,0	3,0		5,0
2	TK M4 050 07 052			5,0	36,0	7,0	52,5	3,5		5,0
3	TK M4 050 07 077			5,0	61,0	7,0	77,5	3,5		5,6
4	TK M4 050 07 102			5,0	86,0	7,0	102,5	3,5		6,4
5	TK M4 060 07 053			6,0	36,5	7,0	53,0	4,5		4,7
6	TK M4 060 S7 053*			6,0	36,5	7,0	53,0	4,5		6,0
7	TK M4 060 07 078			6,0	61,5	7,0	78,0	4,5		5,6
8	TK M4 060 07 103			6,0	86,5	7,0	103,0	4,5		6,7
9	TK M4 060 S7 103*			6,0	86,0	7,0	103,0	4,5		7,5
10	TK M4 080 07 054			8,0	37,5	7,0	54,0	4,5		5,1
11	TK M4 080 07 079			8,0	62,5	7,0	79,0	4,5		6,2
12	TK M4 080 07 104			8,0	87,5	7,0	104,0	4,5		6,6

Peg mounted balls. Special designs on request.

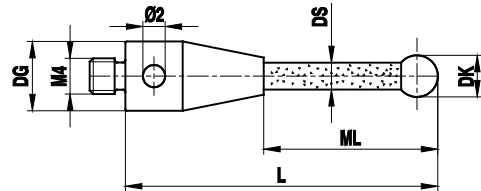
All existing ball materials are available upon request for all styli and all thread sizes.



Ceramic styli with silicon nitride ball

Thread M4
Material Stainless steel base, ceramic stem, silicon nitride ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M4 S60 07 053			6,0	36,5	7,0	53,0	4,5		4,7
2	TK M4 S60 07 103			6,0	86,5	7,0	103,0	4,5		6,7
3	TK M4 S80 07 054			8,0	37,5	7,0	54,0	4,5		5,1
4	TK M4 S80 07 104			8,0	87,5	7,0	104,0	4,5		6,6



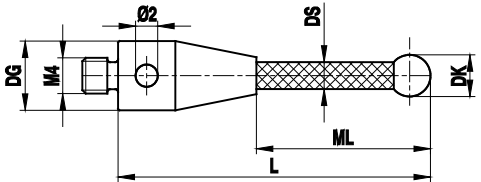
Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable

Thread M4
Material Stainless steel base, thermostable carbon fiber stem, ruby ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M4 060 07 053			6,0	36,5	7,0	53,0	4,5		5,1
2	TC M4 060 07 103			6,0	86,5	7,0	103,0	4,5		6,2
3	TC M4 060 07 153			6,0	136,5	7,0	153,0	4,5		7,5
4	TC M4 060 07 203			6,0	186,5	7,0	203,0	4,5		8,7
5	TC M4 060 07 303			6,0	286,5	7,0	303,0	4,5		10,4



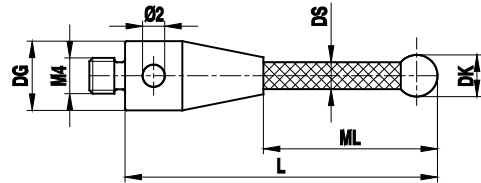
Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable with silicon nitride ball

Thread M4
Material Stainless steel base, thermostable carbon fiber stem, silicon nitride ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M4 S60 07 053			6,0	36,5	7,0	53,0	4,5		5,1
2	TC M4 S60 07 103			6,0	86,5	7,0	103,0	4,5		6,2
3	TC M4 S60 07 153			6,0	136,5	7,0	153,0	4,5		7,5
4	TC M4 S60 07 203			6,0	186,5	7,0	203,0	4,5		8,7
5	TC M4 S60 07 303			6,0	286,5	7,0	303,0	4,5		10,4



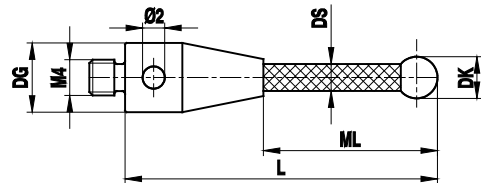
Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable with zirconium oxide ball

Thread M4
Material Stainless steel base, thermostable carbon fiber stem, zirconium oxide ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M4 Z60 07 053			6,0	36,5	7,0	53,0	4,5		5,1
2	TC M4 Z60 07 103			6,0	86,5	7,0	103,0	4,5		6,2
3	TC M4 Z60 07 153			6,0	136,5	7,0	153,0	4,5		7,5
4	TC M4 Z60 07 203			6,0	186,5	7,0	203,0	4,5		8,7
5	TC M4 Z60 07 303			6,0	286,5	7,0	303,0	4,5		10,4

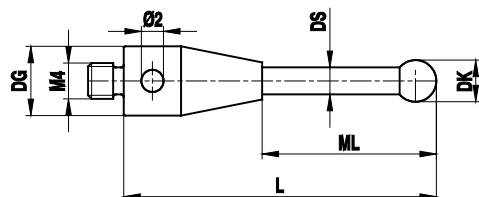


Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Stainless steel styli

Thread M4
Material Stainless steel base and stem, ruby ball



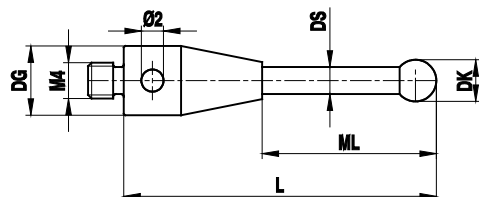
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M4 010 07 020			1,0	4,5	7,0	20,0	0,7		2,5
2	TI M4 020 07 020			2,0	9,0	7,0	20,0	1,3		2,3
3	TI M4 030 07 020			3,0	14,5	7,0	20,0	2,0 - 3,0		2,0
4	TI M4 040 07 020			4,0	15,0	7,0	20,0	3,0		2,1
5	TI M4 050 07 013			5,0	9,0	7,0	13,0	3,5		2,0
6	TI M4 050 07 020			5,0	16,0	7,0	20,0	3,5		2,3
7	TI M4 050 07 022			5,0	17,5	7,0	22,5	3,0		2,4
8	TI M4 050 07 032			5,0	27,5	7,0	32,5	3,0		3,0
9	TI M4 050 07 052			5,0	35,5	7,0	52,5	4,5		5,8
10	TI M4 050 07 102			5,0	85,5	7,0	102,5	4,5		11,3
11	TI M4 050 07 152			5,0	135,5	7,0	152,5	4,5		18,2
12	TI M4 060 07 020			6,0	16,0	7,0	20,0	4,5		3,0
13	TI M4 080 07 020			8,0	16,5	7,0	20,0	6,0		3,9

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Stainless steel styli with silicon nitride ball

Thread M4
Material Stainless steel base and stem, silicon nitride ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M4 S10 07 020			1,0	4,5	7,0	20,0	0,7		2,5
2	TI M4 S20 07 020			2,0	9,0	7,0	20,0	1,3		2,3
3	TI M4 S30 07 020			3,0	14,5	7,0	20,0	2,0 - 3,0		2,0
4	TI M4 S40 07 020			4,0	15,0	7,0	20,0	3,0		2,1
5	TI M4 S50 07 020			5,0	16,0	7,0	20,0	3,5		2,3
6	TI M4 S50 07 022			5,0	17,5	7,0	22,5	3,0		2,4
7	TI M4 S50 07 052			5,0	35,5	7,0	52,5	4,5		5,8
8	TI M4 S50 07 102			5,0	85,5	7,0	102,5	4,5		11,3
9	TI M4 S60 07 020			6,0	16,0	7,0	20,0	4,5		3,0
10	TI M4 S80 07 020			8,0	16,5	7,0	20,0	6,0		3,9

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

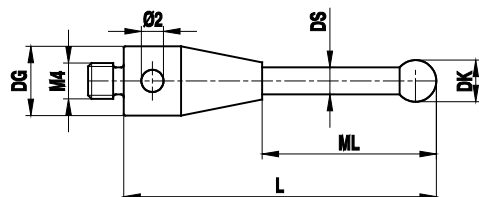
Stainless steel styli with zirconium oxide ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M4 Z20 07 020			2,0	9,0	7,0	20,0	1,3		2,3
2	TI M4 Z40 07 020			4,0	15,0	7,0	20,0	3,0		2,1

Thread M4
Material Stainless steel base and stem,
zirconium oxide ball

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

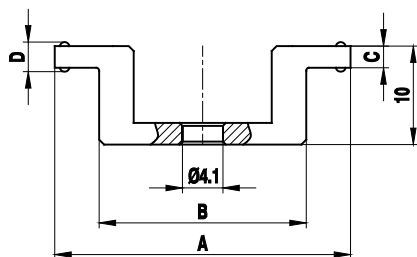


Disk styli with hemispherical balls

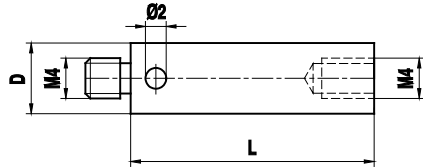
Pos.	itp Order No			DK	ML1 ML	C D	L	DS1 DS	A B	Weight g
1	KI M4 022 30 021					2,2/3,0			21,0/30,0	8,0
2	KI M4 022 35 021					2,2/3,0			21,0/35,0	9,5
3	KI M4 030 50 023					3,0/4,0			23,0/50,0	13,5

Thread M4
Material Stainless steel

Special designs on request.

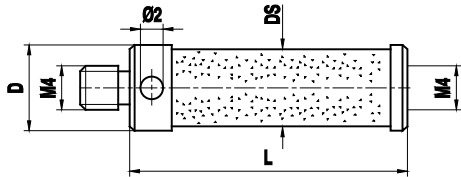


Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	VI M4 000 07 010					7,0	10,0			2,4
		2	VI M4 000 07 015					7,0	15,0			3,7
		3	VI M4 000 07 020					7,0	20,0			4,8
		4	VI M4 000 07 030					7,0	30,0			7,4
Material		Stainless steel										



Special designs on request.

Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	VK M4 000 07 030					7,0	30,0			5,1
Material	Ceramic, stainless steel ends	2	VK M4 000 07 050					7,0	50,0			6,7
		3	VK M4 000 07 100					7,0	100,0			10,6



Special designs on request.

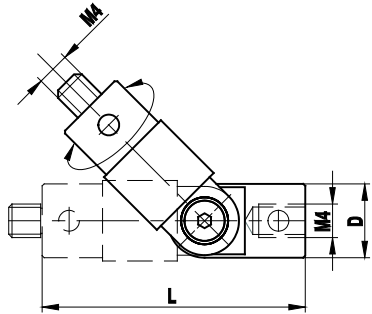
Rotary knuckle, slewing range 360°, swing range 180°

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	GI M4 000 09 033					7,0	33,0			9,8

Thread M4

Material Stainless steel

Special designs on request.



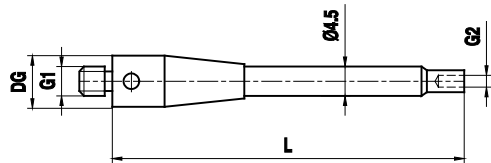
Adapter/extension

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	G1 G2	Weight g
1	RI M4 300 07 020					7,0	20,0		M4/M3	3,2

Thread M4

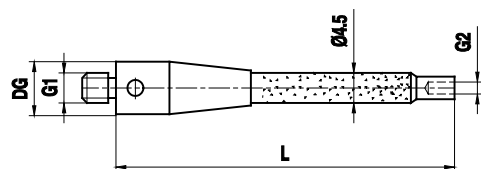
Material Stainless steel

Special designs on request.



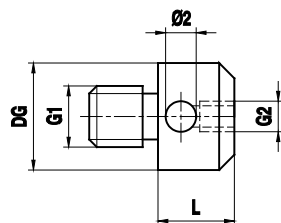
Adapter/extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	G1 G2	Weight g
Thread	M4	1	RK M4 300 07 050					7,0	50,0		M4/M3	4,4
Material	Stainless steel base, ceramic stem	2	RK M4 300 07 075					7,0	75,0		M4/M3	5,2
		3	RK M4 300 07 100					7,0	100,0		M4/M3	6,3

Special designs on request.



Adapter		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	G1 G2	Weight g
Thread	M4	1	RI M4 000 07 005					7,0	5,0		M4/M2	1,5
Material	Stainless steel	2	RI M4 000 07 009					7,0	9,0		M4/M3	1,4
		3	RT M4 500 11 010					11,0	10,0		M4/M5	5,2
		4	RI M4 300 07 018					7,0	18,0		M4x0,5/M3	1,9

Special designs on request. RI M4 300 07 018 for Dea TF6.

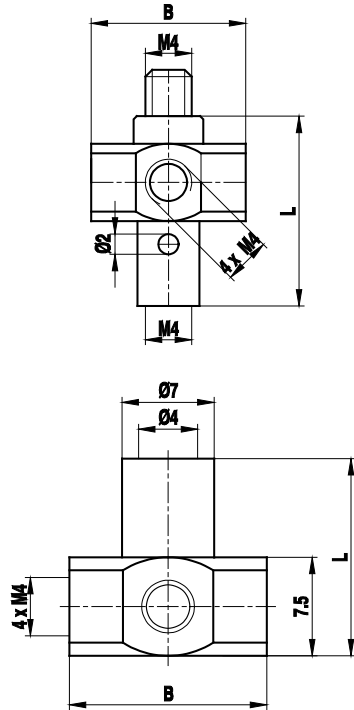


5-way styli holder

Thread M4
Material Stainless steel

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HI M4 000 15 018						18,0		15,0	12,5
2	HI M4 000 15 015*						15,0		15,0	10,0

Special designs on request.

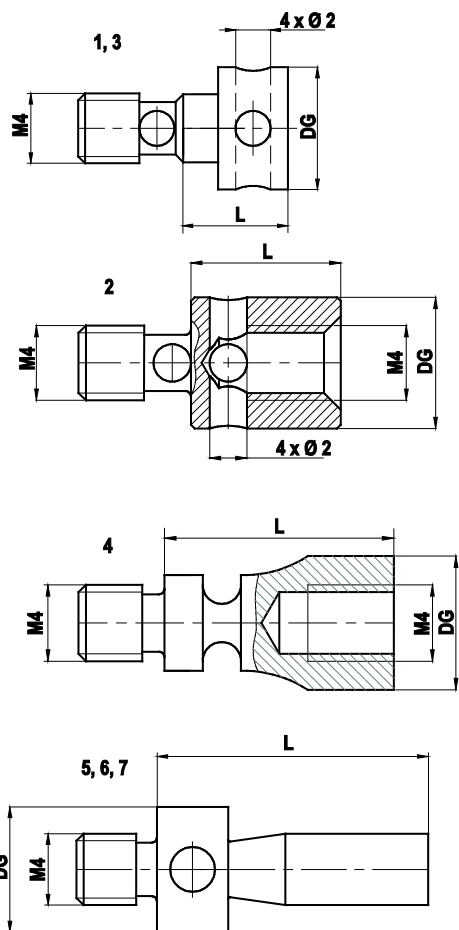


Anticrash protection adapter

Thread M4
Material Stainless steel

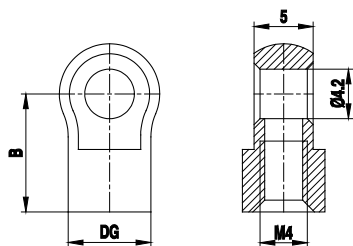
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	BI M4 000 07 006					7,0	6,0			1,4
2	BI M4 000 07 008					7,0	8,0			1,8
3	BI M4 000 07 010					7,0	10,0			1,5
4	BI M4 000 07 012					7,0	12,0			2,7
5	BI M4 000 07 015					7,0	15,2			4,6
6	BI M4 000 07 009					7,0	9,0			1,5
7	BI M4 000 R7 016					7,0	16,0			2,1

Special designs on request.



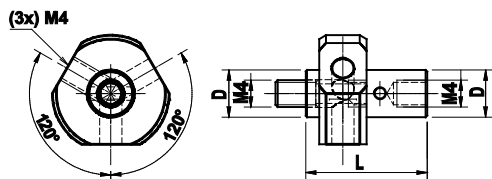
Swivel adapter		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	RI M4 000 07 014					7,0	14,25		10,0	2,8
Material	Stainless steel	2	RI M4 000 07 018					7,0	17,75		13,5	3,7

Special designs on request.



4-way styli holder, rotary		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	HI M4 000 15 018/3						18,0		7,0	12,5

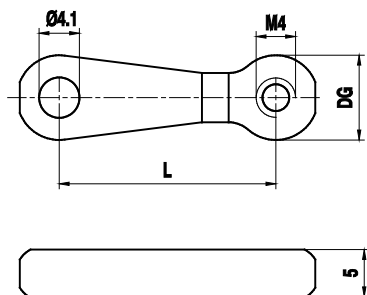
Special design on request



Adapter for crank styli

	Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M4	1	RI M4 000 07 022					7,0	22,0			1,5
Material Stainless steel	2	RI M4 000 07 028					7,0	28,0			1,8

Special designs on request.

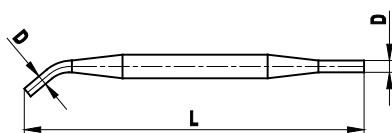


Wrench

	Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M4	1	MI MO 017 00 049					1,7	49,0			

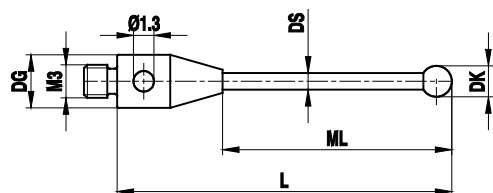
Material Stainless steel

Special designs on request.



Carbide styli

Thread M3
Material Stainless steel base, carbide stem, ruby ball

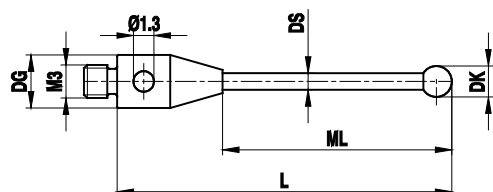


Pos.	itp Order No	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 005 04 021	0,5	2,25	4,0	21,25	0,4		1,0
2	TH M3 010 04 033	1,0	25,5	4,0	32,5	0,8		0,8
3	TH M3 015 R4 022	1,5	14,25	4,0	21,75	1,0		0,8
4	TH M3 015 04 031	1,5	23,25	4,0	30,75	1,0		1,0
5	TH M3 020 04 031	2,0	23,5	4,0	31,0	1,5		1,3
6	TH M3 020 04 041	2,0	33,5	4,0	41,0	1,5		1,6
7	TH M3 025 04 022	2,5	14,75	4,0	22,25	2,0		1,3
9	TH M3 025 04 031	2,5	23,75	4,0	31,25	2,0		1,8
10	TH M3 025 04 041	2,5	33,75	4,0	41,25	2,0		2,3
11	TH M3 030 04 031	3,0	24,0	4,0	31,5	2,0		1,9
12	TH M3 030 04 041	3,0	34,0	4,0	41,5	2,0		2,3
13	TH M3 030 04 051	3,0	44,0	4,0	51,5	2,0		2,8
14	TH M3 040 04 042	4,0	34,5	4,0	42,0	2,0		2,4
15	TH M3 040 04 052	4,0	44,5	4,0	52,0	2,0		2,9
16	TH M3 050 04 042	5,0	35,0	4,0	42,5	2,5		3,5
17	TH M3 050 04 052	5,0	45,0	4,0	52,5	2,5		4,1

Peg mounted balls except for ball-Ø 0,5 mm. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli with silicon nitride ball

Thread M3
Material Stainless steel base, carbide stem, silicon nitride ball



Pos.	itp Order No	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 S15 R4 022	1,5	14,25	4,0	21,75	1,0		0,8
2	TH M3 S15 04 031	1,5	23,25	4,0	30,75	1,0		1,0
3	TH M3 S20 04 031	2,0	23,5	4,0	31,0	1,5		1,3
4	TH M3 S20 04 041	2,0	33,5	4,0	41,0	1,5		1,6
5	TH M3 S25 04 022	2,5	14,75	4,0	22,25	2,0		1,3
6	TH M3 S25 04 031	2,5	23,75	4,0	31,25	2,0		1,8
7	TH M3 S25 04 041	2,5	33,75	4,0	41,25	2,0		2,3
8	TH M3 S30 04 031	3,0	24,0	4,0	31,5	2,0		1,9
9	TH M3 S30 04 041	3,0	34,0	4,0	41,5	2,0		2,3
10	TH M3 S30 04 051	3,0	44,0	4,0	51,5	2,0		2,8
11	TH M3 S40 04 042	4,0	34,5	4,0	42,0	2,0		2,4
12	TH M3 S40 04 052	4,0	44,5	4,0	52,0	2,0		2,9
13	TH M3 S50 04 042	5,0	35,0	4,0	42,5	2,5		3,5
14	TH M3 S50 04 052	5,0	45,0	4,0	52,5	2,5		4,1

Peg mounted balls. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli with zirconium oxide ball

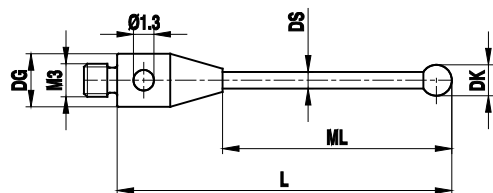
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 Z20 04 031			2,0	23,5	4,0	31,0	1,5		1,4

Thread M3

Material Stainless steel base, carbide stem, zirconium oxide ball

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



Ceramic styli

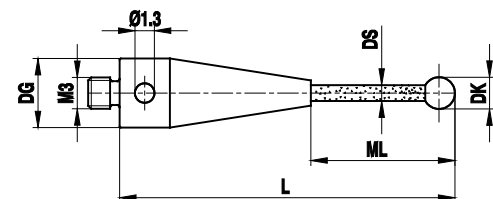
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M3 030 04 051			3,0	44,0	4,0	51,5	2,0		1,2
2	TK M3 040 04 052			4,0	44,5	4,0	52,0	2,0		1,3
3	TK M3 050 04 052			5,0	45,0	4,0	52,5	2,5		1,4

Thread M3

Material Stainless steel base, ceramic stem, ruby ball

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

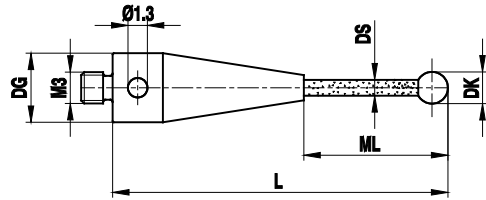


Ceramic styli with silicon nitride ball

	Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M3	1	TK M3 S30 04 051			3,0	44,0	4,0	51,5	2,0		1,2
Material Stainless steel base, ceramic stem, silicon nitride ball	2	TK M3 S40 04 052			4,0	44,5	4,0	52,0	2,0		1,3
	3	TK M3 S50 04 052			5,0	45,0	4,0	52,5	2,5		1,4

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

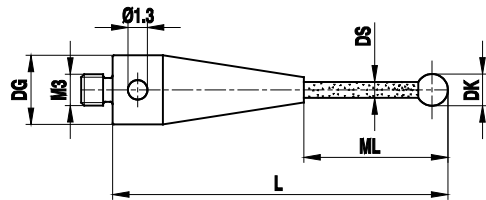


Ceramic styli with zirconium oxide ball

	Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M3	1	TK M3 Z40 04 052			4,0	44,5	4,0	52,0	2,0		1,5
Material Stainless steel base, ceramic stem, zirconium oxide ball											

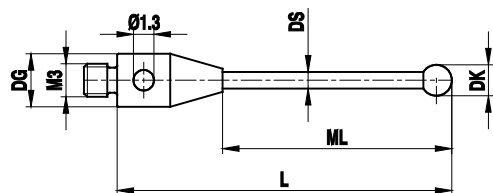
Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



Stainless steel styli

Thread M3
Material Stainless steel base and stem, ruby ball

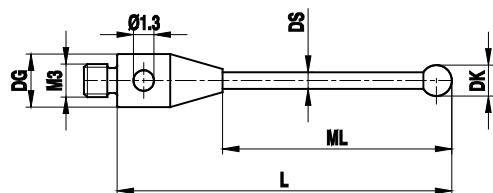


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M3 010 04 021			1,0	4,5	4,0	21,5	0,7		1,0
2	TI M3 020 04 022			2,0	9,0	4,0	22,0	1,5		1,0
3	TI M3 030 04 022			3,0	13,5	4,0	22,5	1,5		1,0
4	TI M3 040 04 023			4,0	13,0	4,0	23,0	2,5		1,3
5	TI M3 040 04 033			4,0	23,0	4,0	33,0	2,5		2,5
6	TI M3 050 R4 023			5,0	13,5	4,0	23,5	2,5		1,5
7	TI M3 050 R4 033			5,0	33,5	4,0	33,5	3,5		3,0

Peg mounted balls. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

Stainless steel styli with silicon nitride ball

Thread M3
Material Stainless steel base and stem, silicon nitride ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M3 S10 04 021			1,0	4,5	4,0	21,5	0,7		1,0
2	TI M3 S20 04 022			2,0	9,0	4,0	22,0	1,5		1,0
3	TI M3 S30 04 022			3,0	13,5	4,0	22,5	1,5		1,0
4	TI M3 S40 04 023			4,0	13,0	4,0	23,0	2,5		1,3
5	TI M3 S40 04 033			4,0	23,0	4,0	33,0	2,5		2,5
6	TI M3 S50 R4 023			5,0	13,5	4,0	23,5	2,5		1,5
7	TI M3 S50 R4 033			5,0	33,5	4,0	33,5	3,5		3,0

Peg mounted balls. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

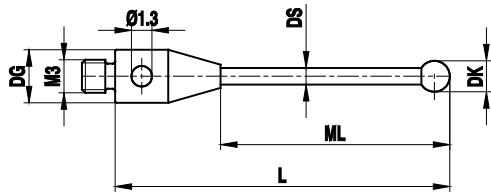
Stainless steel styli with zirconium oxide ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M3 Z20 04 022			2,0	9,0	4,0	22,0	1,5		1,0
2	TI M3 Z40 04 023			4,0	13,0	4,0	23,0	2,5		1,6

Thread M3
Material Stainless steel base and stem,
 zirconium oxide ball

Peg mounted balls. Special designs on request.

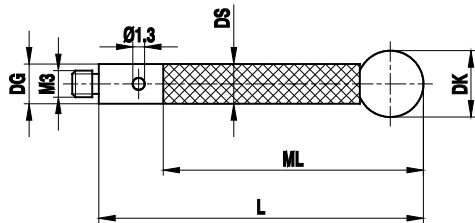
All existing ball materials are available upon request for all styli and all thread sizes.



Carbon fiber styli, thermostable

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 060 04 078			6,0	68,0	4,0	78,0	4,0		2,4
2	TC M3 060 04 103			6,0	93,0	4,0	103,0	4,0		2,9
3	TC M3 080 04 079			8,0	69,0	4,0	79,0	4,0		3,0
4	TC M3 080 04 104			8,0	94,0	4,0	104,0	4,0		3,5
5	TC M3 100 04 080			10,0	70,0	4,0	80,0	4,0		4,1
6	TC M3 100 04 105			10,0	95,0	4,0	105,0	4,0		4,6
7	TC M3 100 04 155			10,0	145,0	4,0	155,0	4,0		5,5
8	TC M3 100 04 205			10,0	195,0	4,0	205,0	4,0		6,5
9	TC M3 120 04 106			12,0	96,0	4,0	106,0	4,0		5,9
10	TC M3 120 04 156			12,0	146,0	4,0	156,0	4,0		6,9
11	TC M3 120 04 206			12,0	196,0	4,0	206,0	4,0		7,9

Thread M3
Material Stainless steel base, thermostable
 carbon fiber stem, ruby ball



Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

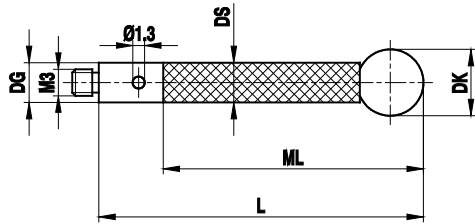
Carbon fiber styli, thermostable with silicon nitride balls

Thread M3
Material Stainless steel base, thermostable carbon fiber stem, silicon nitride ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S60 04 078			6,0	68,0	4,0	78,0	4,0		2,4
2	TC M3 S60 04 103			6,0	93,0	4,0	103,0	4,0		2,9
3	TC M3 S80 04 079			8,0	69,0	4,0	79,0	4,0		3,0
4	TC M3 S80 04 104			8,0	94,0	4,0	104,0	4,0		3,5

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



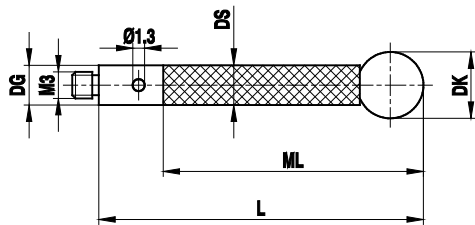
Carbon fiber styli, thermostable with zirconium oxide ball

Thread M3
Material Stainless steel base, thermostable carbon fiber stem, zirconium oxide ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 Z60 04 078			6,0	68,0	4,0	78,0	4,0		3,4
2	TC M3 Z60 04 103			6,0	93,0	4,0	103,0	4,0		3,9
3	TC M3 Z80 04 079			8,0	69,0	4,0	79,0	4,0		3,5
4	TC M3 Z80 04 104			8,0	94,0	4,0	104,0	4,0		4,0

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

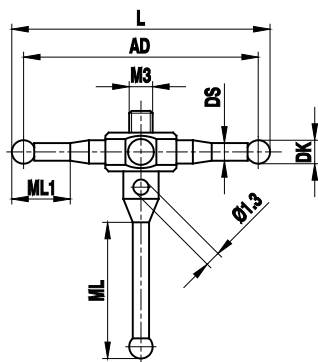
All existing ball materials are available upon request for all styli and all thread sizes.



Star styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	AD	Weight g
Thread	M3	1	SI M3 020 07 032			2,0	9,5 / 12,5	7,0	32,0	1,4	30,0	3,0
Material	Stainless steel cube base and stems, ruby balls	2	SI M3 020 07 052			2,0	12,0 / 12,0	7,0	52,0	1,4	50,0	5,3

Peg mounted balls. Special designs on request.

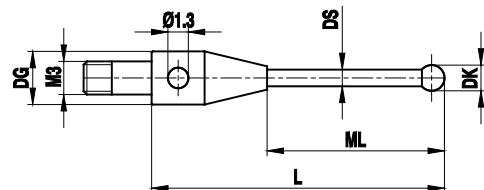
All existing ball materials are available upon request for all styli and all thread sizes.



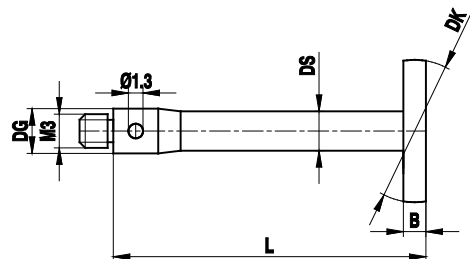
Styli for star configuration		Pos.	itp Order No			DK	ML1ML	DGD	L	DS1DS	B	Weight g
Thread	M3	1	TI M3 020 04 019			2,0	12,0	4,0	19,0	1,4		3,0
Material	Stainless steel base and stem, ruby ball	2	TI M3 020 04 029			2,0	11,0	4,0	29,0	1,4		5,3

Peg mounted balls. Special designs on request.

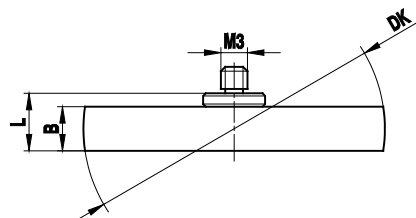
Silicon nitride and zirconium oxide balls are available upon request for all styli and all thread sizes.



Spherical disk styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	KI M3 127 04 032			12,7		4,0	32,0	3,5	2,3	4,0
Material	Stainless steel base and stems, high-strength steel disk					Special designs on request.						

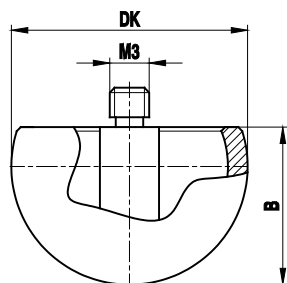


Spherical disk styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	KI M3 050 35 M30			35,0			7,0		5,0	10,0
Material	Stainless steel base, high-strength steel disk											
		2	KI M3 060 63 M30			63,5			7,5		6,0	45,0
Special designs on request.												



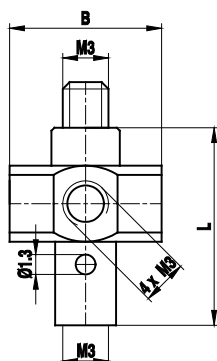
Hollow ceramic hemisphere		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	HK M3 180 04 012			18,0			12,00		11,0	3,3
Material	Stainless steel base, hollow ceramic hemisphere	2	HK M3 300 04 018			30,0			18,00		17,0	18,0

Special designs on request.



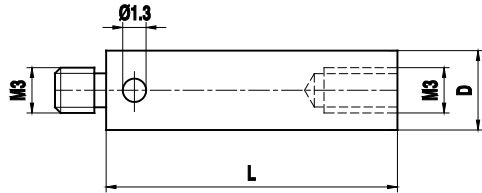
5-way styli holder, rotary		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	HI M3 000 10 013						13,0		10,0	3,6

Special designs on request.



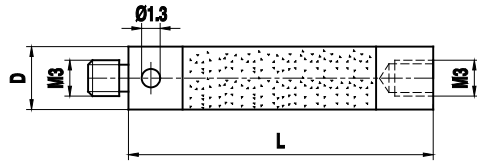
Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VI M3 000 04 010					4,0	10,0			0,9
Material	Stainless steel	2	VI M3 000 04 020					4,0	20,0			1,6
		3	VI M3 000 04 035					4,0	35,0			2,9

Special designs on request.



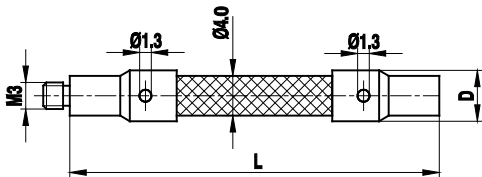
Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VK M3 000 04 030					4,0	30,0			2,0
Material	Ceramic, stainless steel ends	2	VK M3 000 04 040					4,0	40,0			2,5
		3	VK M3 000 04 050					4,0	50,0			3,0
		4	VK M3 000 04 060					4,0	60,0			3,5

Special designs on request.

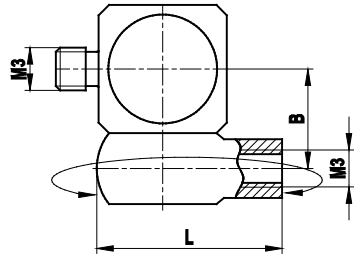


Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VC M3 000 04 075					4,6	75,0			2,5
Material	Carbon fiber, black, stainless steel ends	2	VC M3 000 04 100					4,6	100,0			3,0

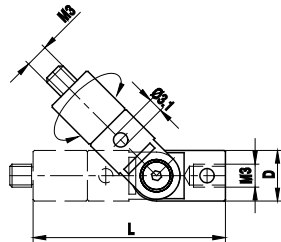
Special designs on request.
E-module of approximately 450 GPa.



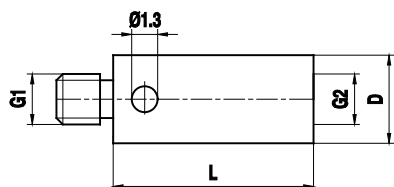
Rotary adapter		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	DI M3 000 06 012						12,0		6,0	3,6
Material	Stainless steel	Special designs on request.										



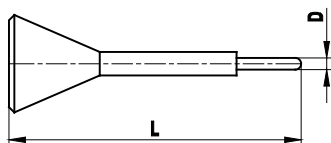
Rotary knuckle, slewing range 360°, swing range 180°		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	GI M3 000 04 017					4,0	17,0			1,5
Material	Stainless steel	Special designs on request.										



Adapter		Pos.	itp Order No			DK	ML1 ML	DGD	L	DS1 DS	G1G2	Weight g
Thread	M3/M2	1	RI M3 000 04 005					4,0	5,0		M3/M2	0,5
Material	Stainless steel	Special designs on request.										

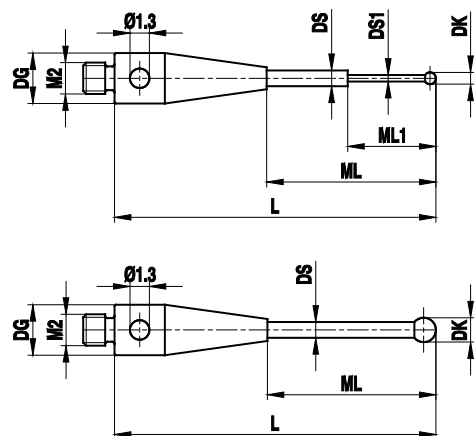


Wrench		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2/M3	1	MI MO 012 00 023					1,2	23,0			
Material	Stainless steel	Special designs on request.										



Carbide styli

Thread M2
Material Stainless steel base, carbide stem, ruby ball



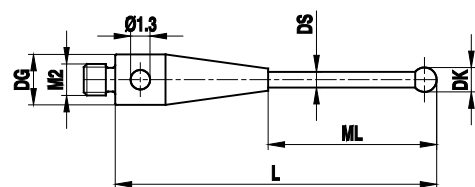
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M2 002 03 010			0,2	2,3/4,15	3,0	10,15	0,18/1,0		0,3
2	TH M2 0025 03 010			0,25	2,3/4,15	3,0	10,15	0,18/1,0		0,3
3	TH M2 003 03 010			0,3	2,15/4,15	3,0	10,15	0,2/0,7		0,3
4	TH M2 005 03 010			0,5	3,25/4,25	3,0	10,25	0,4/0,7		0,3
5	TH M2 005 03 020			0,5	7,25	3,0	20,25	0,3		0,3
6	TH M2 007 03 010			0,7	4,35	3,0	10,35	0,5		0,3
7	TH M2 007 03 020			0,7	12,35	3,0	20,35	0,5		0,3
8	TH M2 010 R3 010			1,0	4,5	3,0	10,5	0,7		0,3
9	TH M2 010 03 020			1,0	7,5	3,0	20,5	0,7		0,6
10	TH M2 010 03 021			1,0	13,0	3,0	20,5	0,8		0,4
11	TH M2 010 03 027			1,0	20,5	3,0	27,5	0,7		0,4
12	TH M2 015 03 021			1,5	13,25	3,0	20,75	1,0		0,5
13	TH M2 015 03 031			1,5	23,25	3,0	30,75	1,0		0,6
14	TH M2 020 R3 021			2,0	13,0	3,0	21,0	1,0		0,5
15	TH M2 020 03 031			2,0	23,5	3,0	31,0	1,5		1,0
16	TH M2 020 03 041			2,0	33,5	3,0	41,0	1,5		1,3
17	TH M2 025 03 021			2,5	13,75	3,0	21,25	1,0		0,5
18	TH M2 025 03 031			2,5	23,75	3,0	31,25	2,0		1,5
19	TH M2 025 03 041			2,5	33,75	3,0	41,25	2,0		2,0
20	TH M2 030 03 021			3,0	15,5	3,0	21,5	1,5		0,8
21	TH M2 030 03 032			3,0	24,0	3,0	31,5	2,0		1,5
22	TH M2 030 03 042			3,0	34,0	3,0	41,5	2,0		2,0
23	TH M2 030 03 051			3,0	44,0	3,0	51,5	2,0		2,5
24	TH M2 040 03 024			4,0	17,0	3,0	24,0	2,0		1,2
25	TH M2 040 03 032			4,0	24,5	3,0	32,0	2,0		1,6
26	TH M2 040 03 042			4,0	34,5	3,0	42,0	2,0		2,1
27	TH M2 040 03 052			4,0	44,5	3,0	52,0	2,0		2,5
28	TH M2 050 03 022			5,0	16,5	3,0	22,5	2,0		2,0
29	TH M2 050 03 032			5,0	25,0	3,0	32,5	2,5		2,6
30	TH M2 050 03 042			5,0	35,0	3,0	42,5	2,5		3,2
31	TH M2 050 03 052			5,0	45,0	3,0	52,5	2,5		3,8

Peg mounted balls, except for ball-Ø 0,2 - 0,7 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli with silicon nitride ball

Thread M2
Material Stainless steel base, carbide stem, silicon nitride ball



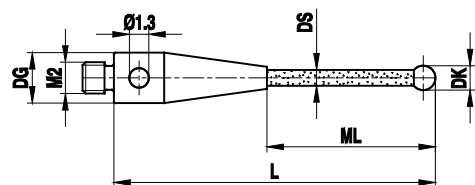
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M2 S10 03 020			1,0	7,5	3,0	20,5	0,7		0,6
2	TH M2 S10 03 021			1,0	13,0	3,0	20,5	0,8		0,4
3	TH M2 S10 03 027			1,0	20,5	3,0	27,5	0,7		0,4
4	TH M2 S15 03 021			1,5	13,25	3,0	20,75	1,0		0,5
5	TH M2 S15 03 031			1,5	23,25	3,0	30,75	1,0		0,6
6	TH M2 S20 03 031			2,0	23,5	3,0	31,0	1,5		1,0
7	TH M2 S20 03 041			2,0	33,5	3,0	41,0	1,5		1,3
8	TH M2 S25 03 031			2,5	23,75	3,0	31,25	2,0		1,5
9	TH M2 S25 03 041			2,5	33,75	3,0	41,25	2,0		2,0
10	TH M2 S30 03 032			3,0	24,0	3,0	31,5	2,0		1,5
11	TH M2 S30 03 042			3,0	34,0	3,0	41,5	2,0		2,0
12	TH M2 S30 03 051			3,0	44,0	3,0	51,5	2,0		2,5
13	TH M2 S40 03 032			4,0	24,5	3,0	32,0	2,0		1,6
14	TH M2 S40 03 042			4,0	34,5	3,0	42,0	2,0		2,1
15	TH M2 S40 03 052			4,0	44,5	3,0	52,0	2,0		2,5
16	TH M2 S50 03 022			5,0	16,5	3,0	22,5	2,0		2,0
17	TH M2 S50 03 032			5,0	25,0	3,0	32,5	2,5		2,6
18	TH M2 S50 03 042			5,0	35,0	3,0	42,5	2,5		3,2
19	TH M2 S50 03 052			5,0	45,0	3,0	52,5	2,5		3,8

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli

Thread M2
Material Stainless steel base, ceramic stem, ruby ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M2 030 03 031			3,0	24,0	3,0	31,5	2,0		0,4
2	TK M2 030 03 051			3,0	44,0	3,0	51,5	2,0		0,8
3	TK M2 040 03 032			4,0	24,5	3,0	32,0	2,0		0,7
4	TK M2 040 03 052			4,0	44,5	3,0	52,0	2,0		0,9
5	TK M2 050 03 032			5,0	25,0	3,0	32,5	2,5		0,9
6	TK M2 050 03 053			5,0	45,0	3,0	52,5	2,5		1,0
7	TK M2 060 03 033			6,0	25,5	3,0	33,0	2,5		1,1
8	TK M2 060 03 053			6,0	45,5	3,0	53,0	2,5		1,5

Peg mounted balls. Special designs on request..

All existing ball materials are available upon request for all styli and all thread sizes.

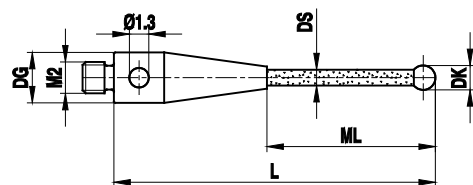
Ceramic styli with silicon nitride ball

Thread M2
Material Stainless steel base, ceramic stem, silicon nitride ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M2 S30 03 051			3,0	44,0	3,0	51,5	2,0		0,8
2	TK M2 S40 03 052			4,0	44,5	3,0	52,0	2,0		0,9
3	TK M2 S50 03 053			5,0	45,0	3,0	52,5	2,5		1,0

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



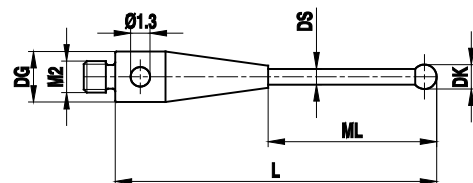
Stainless steel styli

Thread M2
Material Stainless steel base and stem, ruby ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M2 010 03 010			1,0	5,0	3,0	10,5	0,7		0,3
2	TI M2 015 03 011			1,5	5,0	3,0	10,75	0,7		0,3
3	TI M2 020 03 011			2,0	6,0	3,0	11,0	1,0		0,3
4	TI M2 020 03 021			2,0	14,5	3,0	21,0	1,4		0,4
5	TI M2 025 03 011			2,5	6,5	3,0	11,25	1,0		0,3
6	TI M2 025 03 021			2,5	15,0	3,0	21,25	1,4		0,4
7	TI M2 030 03 011			3,0	6,0	3,0	11,5	1,5		0,4
8	TI M2 030 03 021			3,0	15,0	3,0	21,5	1,5		0,5
9	TI M2 040 03 012			4,0	7,0	3,0	12,0	1,5		0,4
10	TI M2 040 03 022			4,0	15,0	3,0	22,0	1,5		0,6
11	TI M2 050 03 012			5,0	8,5	3,0	12,5	2,5		0,7
12	TI M2 060 R3 013			6,0	9,0	3,0	13,0	2,5		0,9
13	TI M2 080 03 015			8,0	11,0	3,0	15,0	2,5		1,5

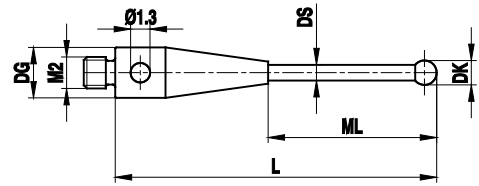
Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



Stainless steel styli with silicon nitride ball

Thread M2
Material Stainless steel base and stem, silicon nitride ball



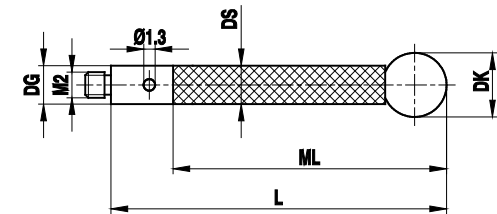
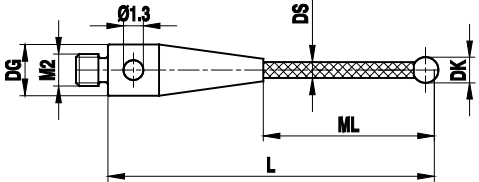
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M2 S10 03 010			1,0	5,0	3,0	10,5	0,7		0,3
2	TI M2 S15 03 011			1,5	5,0	3,0	10,75	0,7		0,3
3	TI M2 S20 03 011			2,0	6,0	3,0	11,0	1,0		0,3
4	TI M2 S20 03 021			2,0	14,5	3,0	21,0	1,4		0,4
5	TI M2 S25 03 011			2,5	6,5	3,0	11,25	1,0		0,3
6	TI M2 S25 03 021			2,5	15,0	3,0	21,25	1,4		0,4
7	TI M2 S30 03 011			3,0	6,0	3,0	11,5	1,5		0,4
8	TI M2 S30 03 021			3,0	15,0	3,0	21,5	1,5		0,5
9	TI M2 S40 03 012			4,0	7,0	3,0	12,0	1,5		0,4
10	TI M2 S40 03 022			4,0	15,0	3,0	22,0	1,5		0,6
11	TI M2 S50 03 012			5,0	8,5	3,0	12,5	2,5		0,7
12	TI M2 S60 R3 013			6,0	9,0	3,0	13,0	2,5		0,9
13	TI M2 S80 03 015			8,0	11,0	3,0	15,0	2,5		1,5

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbon fiber styli, thermostable

Thread M2
Material Stainless steel base, thermostable carbon fiber stem, ruby ball



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M2 030 03 031			3,0	24,0	3,0	31,5	2,0		0,4
2	TC M2 030 03 041			3,0	34,0	3,0	41,5	2,0		0,5
3	TC M2 040 03 032			4,0	24,5	3,0	32,0	2,0		0,6
4	TC M2 040 03 052			4,0	44,0	3,0	52,0	3,0		1,0
5	TC M2 040 03 077			4,0	67,0	3,0	77,0	2,0		0,8
6	TC M2 040 03 102			4,0	92,0	3,0	102,0	3,0		1,5
7	TC M2 050 03 032			5,0	25,0	3,0	32,5	3,0		0,8
8	TC M2 050 03 052			5,0	44,5	3,0	52,5	3,0		1,1
9	TC M2 050 03 077			5,0	67,5	3,0	77,5	3,0		1,3
10	TC M2 050 03 102			5,0	92,5	3,0	102,5	3,0		1,6
11	TC M2 060 03 033			6,0	25,5	3,0	33,0	3,0		1,0
12	TC M2 060 03 053			6,0	45,0	3,0	53,0	3,0		1,2
13	TC M2 060 03 078			6,0	70,0	3,0	78,0	3,0		1,5
14	TC M2 060 03 103			6,0	93,0	3,0	103,0	3,0		1,8

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

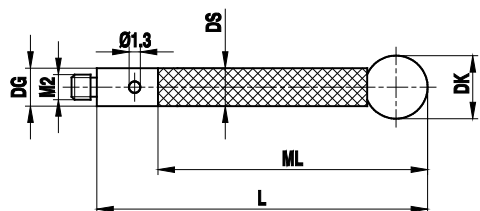
Carbon fiber styli, thermostable with silicon nitride ball

Thread M2
Material Stainless steel base, thermostable carbon fiber stem, silicon nitride ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M2 S40 03 052			4,0	44,0	3,0	52,0	3,0		1,0
2	TC M2 S50 03 052			5,0	44,5	3,0	52,5	3,0		1,1
3	TC M2 S60 03 053			6,0	45,0	3,0	53,0	3,0		1,2

Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.



Star styli

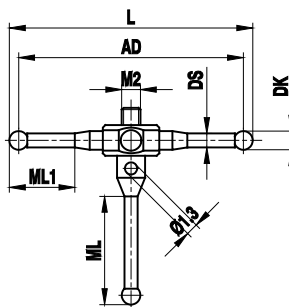
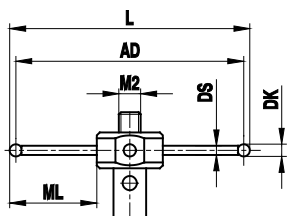
Thread M2
Material Stainless steel cube base and stems, ruby balls

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	AD	Weight g
1	SI M2 005 05 010 *			0,5	2,75	5,0	10,5	0,3	10,0	0,7
2	SI M2 005 05 020 *			0,5	7,75	5,0	20,5	0,3	20,0	0,7
3	SI M2 010 05 011 *			1,0	3,0	5,0	11,0	0,7	10,0	0,8
4	SI M2 010 05 021 *			1,0	8,0	5,0	21,0	0,7	20,0	0,9
5	SI M2 020 05 022 **			2,0	4,5 / 13,5	5,5	22,0	1,4	20,0	1,3
6	SI M2 020 05 032 **			2,0	9,5 / 13,5	5,5	32,0	1,4	30,0	1,8

Peg mounted balls except for ball-Ø 0,5 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

* 4 arms, ** 5 arms

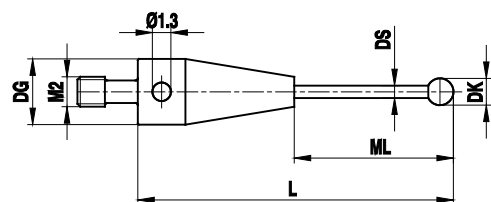
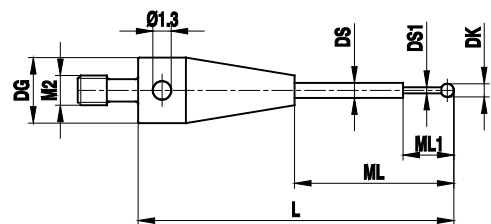


Styli for star configuration

Thread M2
Material Stainless steel base, carbide stem, ruby ball

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M2 005 03 019			0,5	7,0 / 11,5	3,0	19,0	0,4 / 0,7		0,4
2	TH M2 010 03 009			1,0	4,5	3,0	9,5	0,7		0,3
3	TH M2 010 03 019			1,0	11,5	3,0	19,0	0,7		0,5
4	TH M2 020 03 017			2,0	12,0	3,0	17,5	1,4		0,4

Peg mounted balls except for ball-Ø 0,5 mm. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

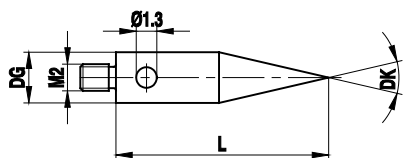


Styli pointer

Thread M2
Material Stainless steel base and stem

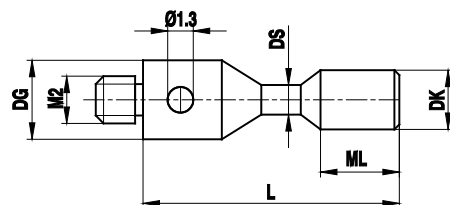
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	II M2 030 03 015			30°		3,0	15,0	3,0		0,7

Special designs on request.



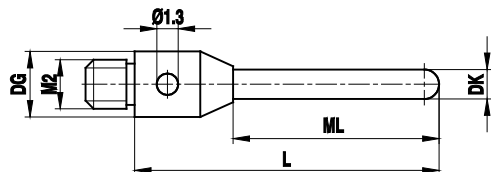
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZH M2 015 03 011			1,5	1,5	3,0	11,0	1,0		0,3
Material	Stainless steel base, carbide stems and cylinder	2	ZH M2 030 03 013			3,0	4,0	3,0	13,0	1,5		0,6

Special designs on request.



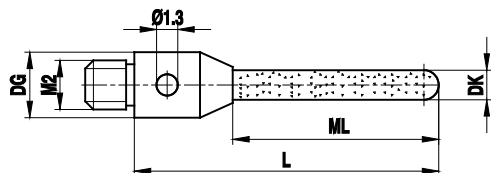
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZH M2 015 03 016			1,5	8,3	3,0	15,8			0,7
Material	Stainless steel base, carbide cylinder	2	ZH M2 020 03 016			2,0	8,5	3,0	16,0			0,8
		3	ZH M2 020 03 040			2,0	32,0	3,0	40,0			2,0
		4	ZH M2 020 03 A40			2,0	7,0	3,0	40,0			1,9
		5	ZH M2 030 03 022			3,0	22,5	3,0	22,5			2,0

Special designs on request.



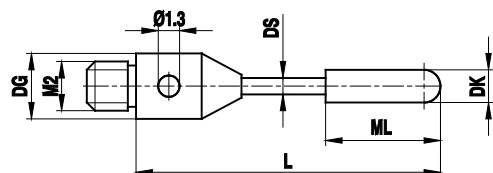
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZR M2 010 03 015			1,0	8,0	3,0	15,0			0,3
Material	Stainless steel base, ceramic cylinder	2	ZR M2 015 03 015			1,5	8,0	3,0	15,0			0,3

Special designs on request.



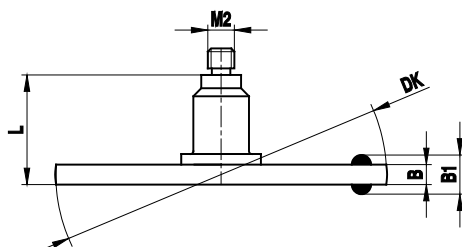
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZR M2 020 R3 020			2,0	7,0	3,0	20,0	1,5		0,5
Material	Stainless steel base, carbide stem, ruby cylinder	2	ZR M2 040 03 022			4,0	10,5	3,0	22,0	2,0		0,9

Special designs on request.



Spherical disk styli with two hemispherical rubies		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B B1	Weight g
Thread	M2	1	KI M2 015 18 M20			18,0			8,25	3,0	1,5 / 2,5	3,0
Material	Stainless steel base, high-strength steel disk	2	KI M2 015 25 M20			25,0			8,25	3,0	1,5 / 2,5	4,0
		3	KI M2 022 18 M20			18,0			3,7	-	2,2 / 3,0	2,7
		4	KI M2 015 18 008			18,0			8,25	3,0	1,5/2,0	3,5
		5	KI M2 030 18 004			18,0			4,0	3,0	3,0/4,0	3,8
		6	KI M2 015 25 008			25,0			8,25	3,0	1,5/2,0	4,0
		7	KI M2 030 25 004			25,0			4,0	3,0	3,0/4,0	4,5

Special designs on request.

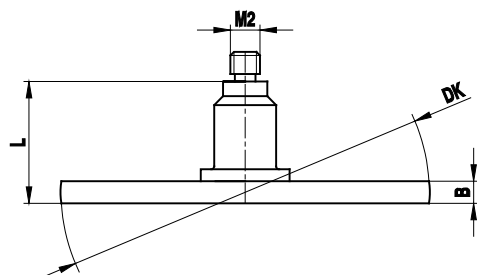


Spherical disk styli

Thread M2
Material Stainless steel base, high-strength steel disk

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KI M2 030 25 M20			25,0			4,0		3,0	11,4
2	KI M2 005 18 002			18,0		3,0	2,0		0,5	2,5
3	KI M2 008 18 002			18,0		3,0	2,0		0,8	2,6

Special designs on request.

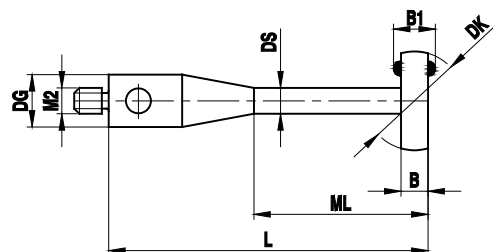


Spherical disk styli with two hemispherical balls

Thread M2
Material Stainless steel base and stem and disk

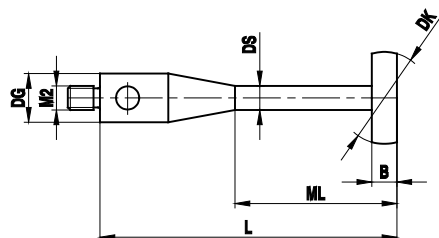
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B1 B	Weight g
1	KR M2 060 03 010			6,0		3,0	10,5	2,0	2,0/1,2	0,6
2	KI M2 060 03 010			6,0	5,0	3,0	10,0	2,0	2,0/1,5	1,0

Special designs on request. Ball material: R = Ruby, I = high-strength steel



Spherical disk styli

Thread M2
Material Stainless steel base, high-strength steel disk

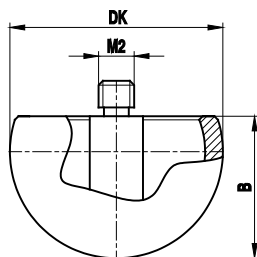


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KI M2 050 03 015			5,0	11,0	3,0	15,0	1,5	0,5	0,8
2	KI M2 060 03 010/0,8			6,0	6,0	3,0	10,0	2,0	0,8	0,8
3	KI M2 080 03 020			8,0	14,0	3,0	20,0	2,0	0,5	1,1
4	KI M2 100 03 020			10,0	14,0	3,0	20,0	2,0	0,5	1,2
5	KI M2 100 03 020/0,8			10,0	14,0	3,0	20,0	2,0	0,8	1,2
6	KI M2 120 03 020			12,0	14,0	3,0	20,0	2,0	0,8	1,3

Special designs on request.

Hollow ceramic hemisphere

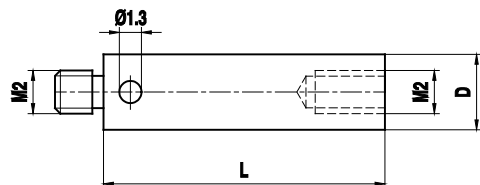
Thread M2
Material Stainless steel base, hollow ceramic hemisphere



Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HK M2 180 03 012			18,0					11,0	3,3
2	HK M2 300 03 018			30,0					18,0	18,0

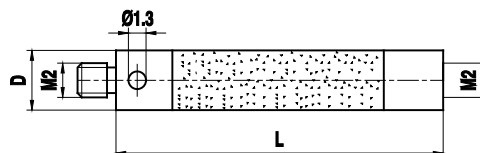
Special designs on request.

Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M2 Material Stainless steel		1	VI M2 000 03 005					3,0	5,0			0,2
		2	VI M2 000 03 010					3,0	10,0			0,4
		3	VI M2 000 03 020					3,0	20,0			0,9
		4	VI M2 000 03 030					3,0	30,0			1,4
		5	VI M2 000 03 040					3,0	40,0			1,8



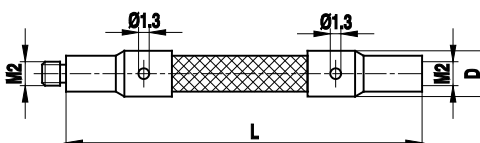
Special designs on request.

Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M2 Material Ceramic, stainless steel ends		1	VK M2 000 03 030					3,0	30,0			1,0
		2	VK M2 000 03 040					3,0	40,0			1,3
		3	VK M2 000 03 050					3,0	50,0			1,5
		4	VK M2 000 03 060					3,0	60,0			1,7



Special designs on request.

Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M2 Material Carbon fiber, black, stainless steel ends		1	VC M2 000 03 040					3,5	40,0			0,9
		2	VC M2 000 03 050					3,5	50,0			1,0
		3	VC M2 000 03 070					3,5	70,0			1,3
		4	VC M2 000 03 090					3,5	90,0			1,5



Special designs on request.

E-module of approximately 450 GPa.

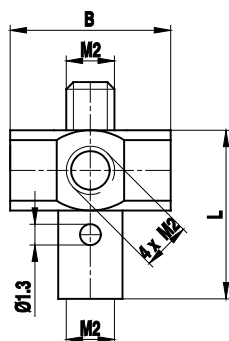
5-way styli holder, rotary

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HI M2 000 07 008						7,5		7,0	1,2

Thread M2

Material Stainless steel

Special designs on request.



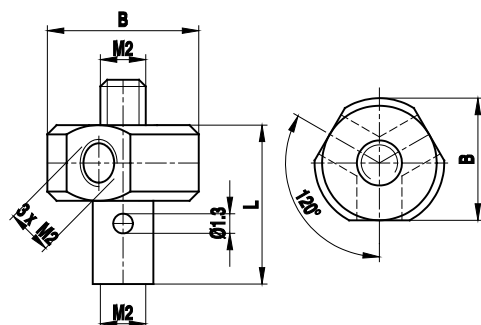
4-way styli holder

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HI M2 000 07 007						7,5		7,5	1,2

Thread M2

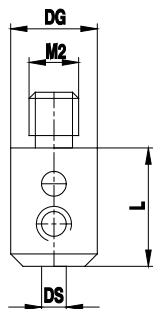
Material Stainless steel

Special designs on request.



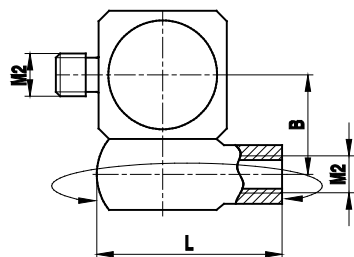
Styli holder		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	KH M2 010 06 008					6,0	8,0	1,0		1,0
Material	Stainless steel	2	KH M2 015 06 008					6,0	8,0	1,5		1,0
		3	KH M2 020 06 008					6,0	8,0	2,0		1,0

Special designs on request.



Rotary Adapter		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	DI M2 000 04 008						8,0		4,5	2,0
Material	Stainless steel											

Special designs on request.

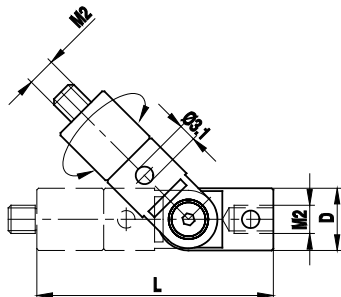


Rotary knuckle, slewing range 360°, swing range 180°

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	GI M2 000 04 016					4,0	16,5			1,3

Thread M2
Material Stainless steel

Special designs on request.

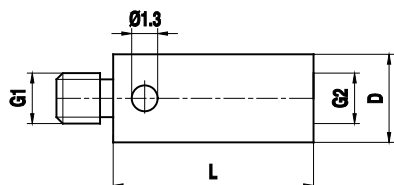


Adapter

Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	G1 G2	Weight g
1	RI M2 000 04 005					4,0	5,0		M2/M3	0,5
2	RI M2 000 04 007					4,0	7,0		M2/M3	0,5

Thread M2/M3
Material Stainless steel

Special designs on request.

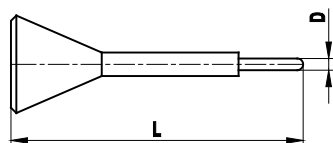


Wrench

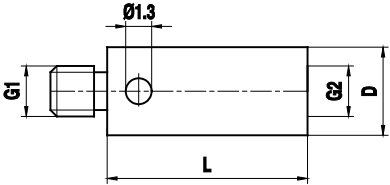
Pos.	itp Order No			DK	ML1 ML	DGD	L	DS1 DS	B	Weight g
1	MI MO 012 00 023					1,2	23,0			

Thread M2/M3
Material Stainless steel

Special designs on request.

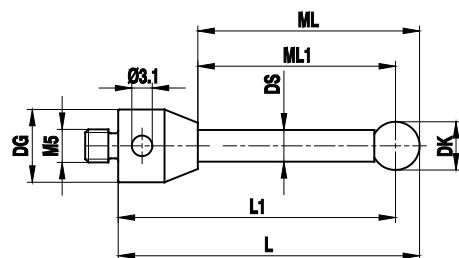


Adapter		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	G1 G2	Weight g
Thread	M3/M2	1	RI M3 000 04 005					4,0	5,0		M3/M2	0,5
Material	Stainless steel	Special designs on request.										



Carbide styli

Thread M5
Material Stainless steel base, carbide stem, ruby ball



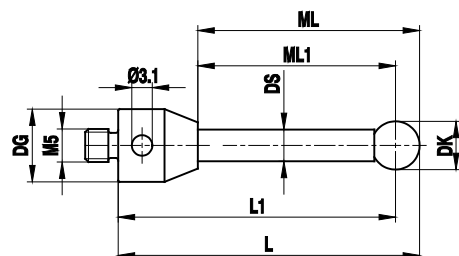
Pos.	itp Order No	analogue Leitz	DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	TH M5 015 12 028	M00-694-150-016	1,5	7,0/7,75	12,0	28,75/28,0	1,0		10,0
2	TH M5 015 12 040	-	1,5	19,0/19,75	12,0	40,75/40,0	1,0		11,0
3	TH M5 020 12 030	060-694.150-007	2,0	18,5/19,5	12,0	31,0/30,0	1,5		7,0
4	TH M5 020 12 035	-	2,0	23,5/24,5	12,0	36,0/35,0	1,5		7,5
5	TH M5 020 12 041	060-694.150-013	2,0	30,0/31,0	12,0	42,0/41,0	1,5		8,0
6	TH M5 020 12 060	-	2,0	39,5/40,5	12,0	61,0/60,0	1,5		12,0
7	TH M5 030 12 035	060-694.050-000	3,0	24,0/25,5	12,0	36,5/35,0	2,0		9,0
8	TH M5 030 12 050	060-694.051-000	3,0	39,0/40,5	12,0	51,5/50,0	2,0		10,0
9	TH M5 035 12 091	-	3,5	78,0/79,75	12,0	92,75/91,0	3,0		18,0
10	TH M5 040 12 055	M00-694-150-017	4,0	42,0/44,0	12,0	57,0/55,0	3,0		13,0
11	TH M5 040 12 080	M00-694-150-018	4,0	69,0/71,0	12,0	82,0/80,0	2,5		16,0
12	TH M5 050 12 060	060-694.053-000	5,0	49,0/51,5	12,0	62,5/60,0	3,5		16,0
13	TH M5 050 12 080	060-694.054-000	5,0	69,0/71,5	12,0	82,5/80,0	3,5		19,0
14	TH M5 080 12 068	M02-J01-100-058	8,0	50,0/54,0	12,0	72,0/68,0	3,0		32,0
15	TH M5 080 12 090	060-694.056-000	8,0	74,0/78,0	12,0	94,0/90,0	6,0		46,0
16	TH M5 080 12 125	-	8,0	109,0/113,0	12,0	129,0/125,0	6,0		61,0
17	TH M5 080 12 176	060-694.150-014	8,0	160,0/164,0	12,0	180,0/176,0	6,0		80,0

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli with silicon nitride ball

Thread M5
Material Stainless steel base, carbide stem, silicon nitride ball



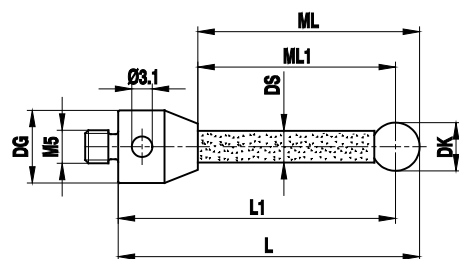
Pos.	itp Order No	analogue Leitz	DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	TH M5 S15 12 028	M00-694-131-000	1,5	7,0/7,75	12,0	28,75/28,0	1,0		10,0
2	TH M5 S15 12 040	-	1,5	19,0/19,75	12,0	40,75/40	1,0		11,0
3	TH M5 S20 12 030	M00-694-126-000	2,0	18,5/19,5	12,0	31,0/30,0	1,5		7,0
4	TH M5 S20 12 035	-	2,0	23,5/24,5	12,0	36,0/35,0	1,5		7,5
5	TH M5 S20 12 041	-	2,0	30,0/31,0	12,0	42,0/41,0	1,5		8,0
6	TH M5 S20 12 060	-	2,0	39,5/40,5	12,0	61,0/60,0	1,5		12,0
7	TH M5 S30 12 035	-	3,0	24,0/25,5	12,0	36,5/35,0	2,0		9,0
8	TH M5 S30 12 050	M00-694-121-000	3,0	39,0/40,5	12,0	51,5/50,0	2,0		10,0
9	TH M5 S35 12 091	-	3,5	78,0/79,75	12,0	92,75/91,0	3,0		18,0
10	TH M5 S40 12 055	M00-694-132-000	4,0	42,0/44,0	12,0	57,0/55,0	3,0		13,0
11	TH M5 S40 12 080	-	4,0	69,0/71,0	12,0	82,0/80,0	2,5		16,0
12	TH M5 S50 12 060	-	5,0	49,0/51,5	12,0	62,5/60,0	3,5		16,0
13	TH M5 S50 12 080	M00-694-123-000	5,0	69,0/71,5	12,0	82,5/80,0	3,5		19,0
14	TH M5 S80 12 068	-	8,0	50,0/54,0	12,0	72,0/68,0	3,0		32,0
15	TH M5 S80 12 090	-	8,0	74,0/78,0	12,0	94,0/90,0	6,0		46,0
16	TH M5 S80 12 125	M00-694-125-000	8,0	109,0/113,0	12,0	129,0/125,0	6,0		61,0
17	TH M5 S80 12 176	-	8,0	160,0/164,0	12,0	180,0/176,0	6,0		80,0

Peg mounted balls Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli

Thread M5
Material Stainless steel base, ceramic stem, ruby ball



Pos.	itp Order No	analogue Leitz	DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	TK M5 080 12 090	060-813.042-000	8,0	74,0/78,0	12,0	94,0/90,0	6,0		16,0
2	TK M5 080 12 125	060-813.041-000	8,0	109,0/113,0	12,0	129,0/125,0	6,0		20,0
3	TK M5 150 12 090	M00-694-186-000	15,0	74,0/81,5	12,0	97,5/90,0	6,0		51,0

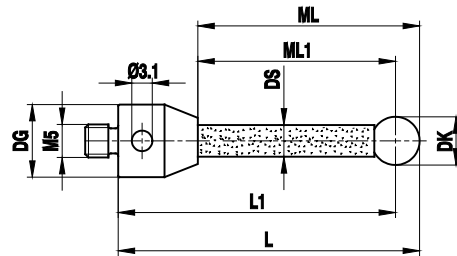
Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Ceramic styli with silicon nitride ball

Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	TK M5 S80 12 090	-		8,0	74,0/78,0	12,0	94,0/90,0	6,0		16,0
2	TK M5 S80 12 125	-		8,0	109,0/113,0	12,0	129,0/125,0	6,0		20,0

Thread M5
Material Stainless steel base, ceramic stem, silicon nitride ball



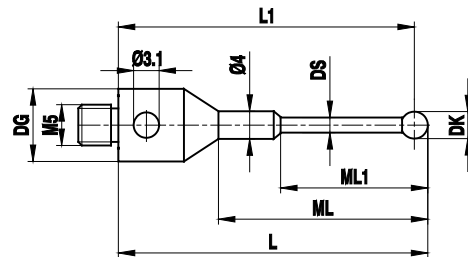
Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli

Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	FH M5 020 12 066	060-694.150-006		2,0	16,0 / 57,0	12,0	67,0 / 66,0	1,5		12,0

Thread M5
Material Stainless steel base, carbide stem, ruby ball

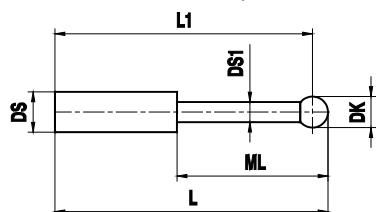


Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Syli for star configuration, non threaded

Thread M5
Material Carbide stem, ruby ball



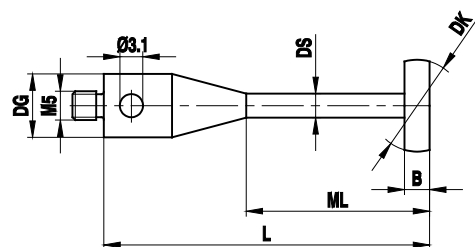
Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	KT M5 003 02 022	M00-694-067-005		0,3	4,15		22,15 / 22,0	0,2 / 2,0		1,0
2	KT M5 005 02 022	M00-694-064-005		0,5	4,25		22,25 / 22,0	0,3 / 2,0		1,0
3	KT M5 008 02 022	M00-694-063-005		0,8	4,4		22,4 / 22,0	0,6 / 2,0		1,0
4	KT M5 010 02 022	M00-694-062-005		1,0	4,5		22,5 / 22,0	0,8 / 2,0		1,0
5	KT M5 010 02 034	-		1,0	14,5		34,5 / 34,0	0,8 / 2,0		1,0
6	KT M5 015 02 022	060-694.066-000		1,5	10,35		22,75 / 22,0	1,2 / 2,0		1,0
7	KT M5 020 02 022	060-694.065-000		2,0	10,6		23,0 / 22,0	1,5 / 2,0		1,0

Peg mounted balls, except for ball-Ø 0,3 mm – 0,5 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Spherical disk styli

Thread M5
Material Stainless steel base, carbide stem, high-strength steel disk



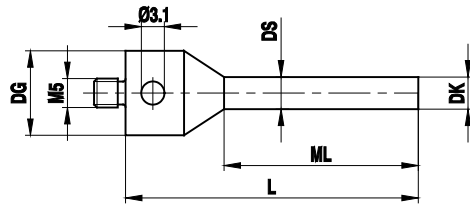
Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KH M5 080 12 056	060-694-152-011		8,0	46,0	12,0	57,0	2,5	1,0	12,0
2	KH M5 100 12 046	-		10,0	35,7	12,0	46,7	3,0	0,7	13,0
3	KH M5 160 12 057	060-694.152-012		16,0	49,5	12,0	60,5	3,5	2,5	18,0

Special designs on request.

Cylinder styli		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	ZH M5 030 12 050	060-694.152-008		3,0	39,0	12,0	50,0	3,0		14,0

Material Stainless steel base, carbide cylinder

Special designs on request.

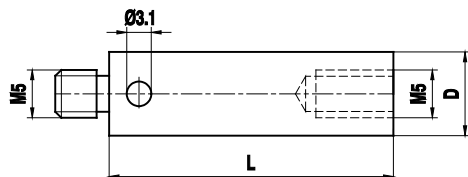


Extension		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	VC M5 TZ0 11 040	-				11,0	40,0			9,0
Material	Thermostable carbon fiber, black, titanium ends	2	VC M5 TZ0 11 050	-				11,0	50,0			10,0
		3	VC M5 TZ0 11 060	-				11,0	60,0			11,0
		4	VC M5 TZ0 11 070	-				11,0	70,0			11,0
		5	VC M5 TZ0 11 080	-				11,0	80,0			12,0
		6	VC M5 TZ0 11 090	-				11,0	90,0			13,0
		7	VC M5 TZ0 11 100	-				11,0	100,0			14,0
		8	VC M5 TZ0 11 120	-				11,0	120,0			15,0
		9	VC M5 TZ0 11 150	-				11,0	150,0			17,0
		10	VC M5 TZ0 11 180	-				11,0	180,0			19,0
		11	VC M5 TZ0 11 200	-				11,0	200,0			21,0
		12	VC M5 TZ0 11 250	-				11,0	250,0			24,0
		13	VC M5 TZ0 11 300	-				11,0	300,0			27,0
		14	VC M5 TZ0 11 400	-				11,0	400,0			34,0
		15	VC M5 TZ0 20 040	-				20,0	40,0			26,0
		16	VC M5 TZ0 20 050	-				20,0	50,0			28,0
		17	VC M5 TZ0 20 060	-				20,0	60,0			29,0
		18	VC M5 TZ0 20 080	-				20,0	80,0			32,0
		19	VC M5 TZ0 20 100	-				20,0	100,0			34,0
		20	VC M5 TZ0 20 120	-				20,0	120,0			37,0
		21	VC M5 TZ0 20 150	-				20,0	150,0			41,0
		22	VC M5 TZ0 20 180	-				20,0	180,0			45,0
		23	VC M5 TZ0 20 200	-				20,0	200,0			48,0
		24	VC M5 TZ0 20 250	-				20,0	250,0			55,0
		25	VC M5 TZ0 20 300	-				20,0	300,0			62,0
		26	VC M5 TZ0 20 400	-				20,0	400,0			75,0
		27	VC M5 TZ0 20 500	-				20,0	500,0			89,0
		28	VC M5 TZ0 20 600	-				20,0	600,0			103,0

Special designs on request.

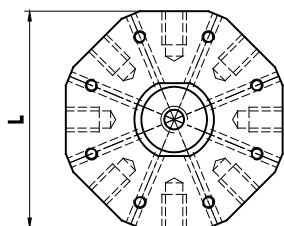
E-module of approximately 450 GPa.

Extension		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	VT M5 000 12 020	060-694.036-000				12,0 *	20,0			15,0
Material	Titanium	2	VT M5 000 12 040	060-694.035-000				12,0 *	40,0			18,0
		3	VT M5 000 12 050	060-813.034-000				12,0 *	50,0			15,0
		4	VT M5 000 12 070	060-813.033-000				12,0 *	70,0			17,0
		5	VT M5 000 12 100	060-813.032-000				12,0 *	100,0			24,0
		6	VT M5 000 18 020	060-694.037-000				18,0	20,0			20,0
		7	VT M5 000 18 060	060-694.034-000				18,0	60,0			37,0
		8	VT M5 000 18 080	060-694.033-000				18,0	80,0			41,0
		9	VT M5 000 18 100	060-694.032-000				18,0	100,0			47,0
		10	VT M5 000 18 150	060-694.031-000				18,0	150,0			50,0
		11	VT M5 000 18 200	060-694.030-000				18,0	200,0			60,0



Special designs on request.

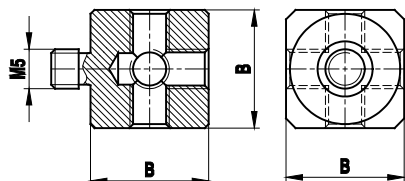
Holder for multiple styli for gears inspection		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	Thickness	L	DS1 DS	Number of styli	Weight g
Thread	M5	1	KH M5 L05 13 021	M00-694-081-000				13,0	32,0		5	40,0
Material	Titanium	2	KH M5 L06 13 021	M00-694-082-000				13,0	40,0		6	80,0
		3	KH M5 L07 13 021	M00-694-083-000				13,0	29,0		7	57,0
		4	KH M5 L08 13 021	M00-694-084-000				13,0	42,0		8	78,0
		5	KH M5 L08 06 017	M00-694-085-000				17,0	88,0		8	250,0



Special designs on request.

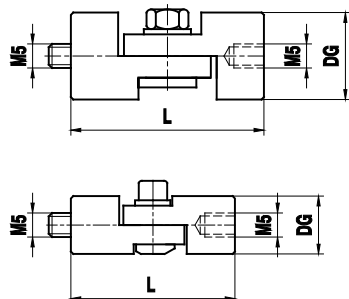
Cube		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	WT M5 L00 15 000	060-694.016-000							15,0	13,0
Material	Titanium	2	WT M5 L00 20 000	060-684.044-000							20,0	31,5

Special designs on request.

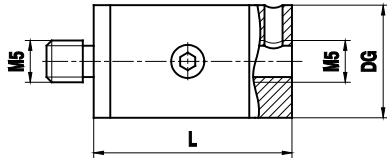


Knuckle		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	GT M5 000 12 034	060-813-051-000				12,0	34,0			14,0
Material	Titanium	2	GT M5 000 18 040	-				18,0	40,0			39,0

Special designs on request.

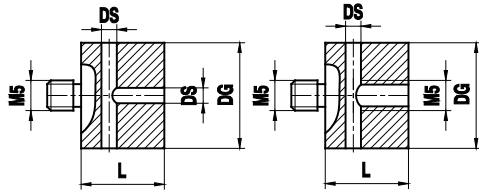


Rotary knuckle		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	DS M5 000 14 027	060-813-055-000				14,0	27,0			26,0
Material	Titanium	Special designs on request.										

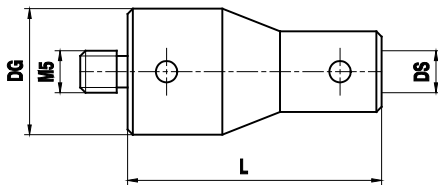


5-way styli holder		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	Number of holes	Weight g
Thread	M5	1	KH M5 000 15 020	060-694.060-000				15,0	10,0	2,0	5	13,0
Material	Titanium	2	KH M5 000 15 012	M00-694-061-000				15,0	12,0	2,0	4 + M5	13,0

Special designs on request.

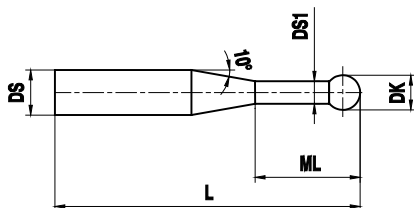


Holder		Pos.	itp Order No	analogue Leitz		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	KH M5 000 12 021	M00-694-068-000				12,0	21,0	2,0		14,0
Material	Titanium	Special designs on request.										



Styli for holder

Thread M5
Material Carbide stem, ruby ball



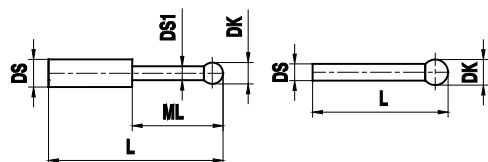
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KT M5 005 04 035			0,5	2,75 / 4,75		35,25	0,3/1,0/4,0		3,0
2	KT M5 008 04 035			0,8	4,9		35,4	0,6 / 4,0		3,0
3	KT M5 010 04 035			1,0	5,0		35,5	0,8 / 4,0		3,0
4	KT M5 010 04 060			1,0	5,0		60,5	0,8 / 4,0		7,0
5	KT M5 015 04 035			1,5	5,25		35,75	1,0 / 4,0		3,0
6	KT M5 015 04 060			1,5	5,25		60,75	1,0 / 4,0		7,0
7	KT M5 020 04 036			2,0	5,5		36,0	1,2 / 4,0		3,0
8	KT M5 020 04 061			2,0	8,5		61,0	1,2 / 4,0		8,0
9	KT M5 030 04 036			3,0	9,0		36,5	1,8 / 4,0		3,0
10	KT M5 030 04 061			3,0	11,5		61,5	1,8 / 4,0		8,0

Peg mounted balls except for ball-Ø 0,5 mm. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Styli for holder

Thread M5
Material Carbide stem, ruby ball



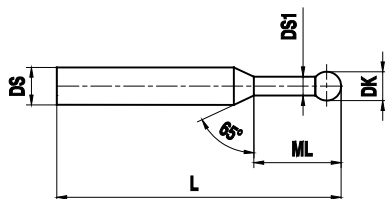
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KT M5 010 01 016			1,0	5,0		16,0	0,8 / 1,0		1,0
2	KT SO 015 10 016			1,5	-		16,0	1,0		1,0
3	KT SO 020 10 016			2,0	-		16,0	1,0		1,0
4	KT M5 050 04 037			5,0	12,5		37,5	3,0 / 4,0		3,0
5	KT M5 050 04 062			5,0	-		62,5	4,0		8,0
6	KT M5 070 04 038			7,0	-		38,5	4,0		6,0
7	KT M5 100 04 040			10,0	-		40,0	4,0		6,0

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Styli for holder, taper angle 65°

Thread M5
Material Carbide stem, ruby ball



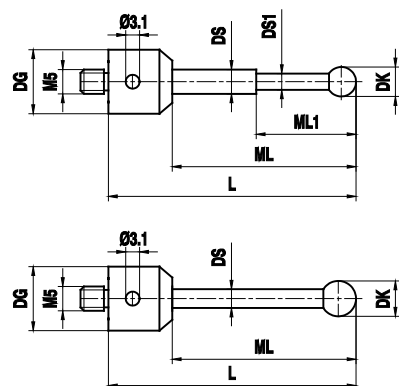
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KT M5 003 01 015/65°			0,3	2,3		15,3	0,2 / 1,0		1,0
2	KT M5 005 01 015/65°			0,5	2,5		15,5	0,3 / 1,0		1,0

Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

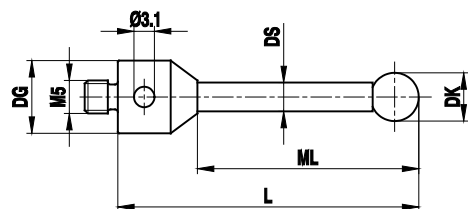
Carbide styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	NH M5 K15 11 033			1,5	7,0 / 24,0	11,0	33,0	1,0 / 1,5		7,0
Material	Stainless steel base, carbide stem, ruby ball	2	NH M5 020 11 033			2,0	24,5	11,0	33,5	1,5		7,0

Peg mounted balls. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.

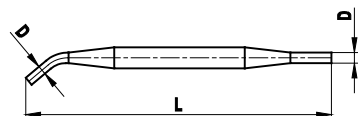


Carbide styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	TH M5 030 11 033			3,0	23,5	11,0	33,5	2,0		4,5
Material	Titanium base, carbide stem, ruby ball	2	TH M5 050 11 053			5,0	43,0	11,0	53,0	3,5		9,8

Peg mounted balls. Special designs on request.
All existing ball materials are available upon request for all styli and all thread sizes.



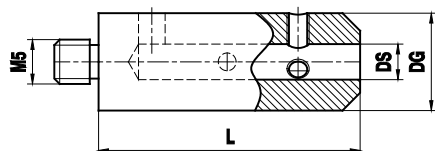
Wrench		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4/M5	1	MI MO 017 00 049					1,7	49,0			
Material	Stainless steel	2	MI MO 029 00 070					2,9	70,0			



Special designs on request.

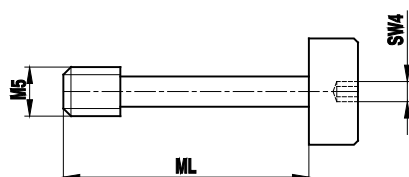
Styli holder		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	KH M5 000 30 040					11,0	29,5	4,0		23,0
Material	Titanium											

For styli with DS 4.0 mm. Special designs on request.

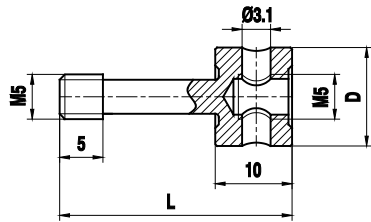


Screw for cube and spherical disk		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	SI M5 000 21 000				21,0		-			3,0
Material	Stainless steel											

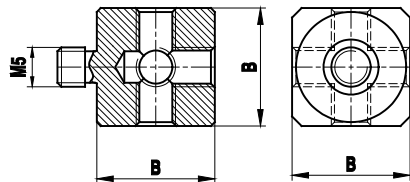
Special designs on request.



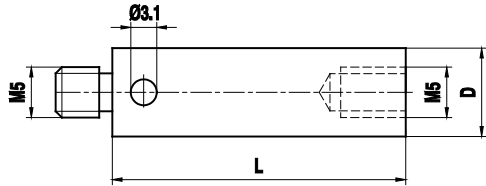
Threaded extension for cube		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	VT M5 SGO 11 010					11,0	30,0			4,5
Material	Titanium	Special designs on request.										



Cube		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	WT M5 000 15 000								15,0	12,6
Material	Titanium	Special designs on request.										



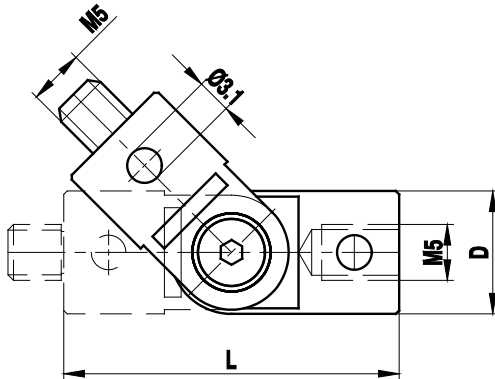
Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	VT M5 000 11 010					11,0	10,0			3,6
	Material	2	VT M5 000 11 015					11,0	15,0			5,7
	Titanium	3	VT M5 000 11 020					11,0	20,0			7,8
		4	VT M5 000 11 025					11,0	25,0			9,7
		5	VT M5 000 11 030					11,0	30,0			12,1
		6	VT M5 000 11 035					11,0	35,0			13,9
		7	VT M5 000 11 040					11,0	40,0			16,1
		8	VT M5 000 11 050					11,0	50,0			12,7
		9	VT M5 000 11 060					11,0	60,0			13,6
		10	VT M5 000 11 075					11,0	75,0			15,0
		11	VT M5 000 11 080					11,0	80,0			15,6
		12	VT M5 000 11 090					11,0	90,0			16,2
		13	VT M5 000 11 100					11,0	100,0			17,3



Special designs on request.

Rotary knuckle, swing range 180°		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	GT M5 000 11 030					11,0	30,0			11,2
	Material											
	Titanium											

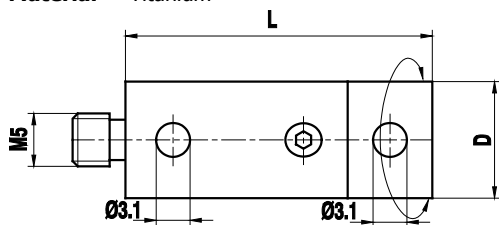
Special designs on request.



Rotary adapter		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	DT M5 000 11 029					11,0	29,0			13,0

Material Titanium

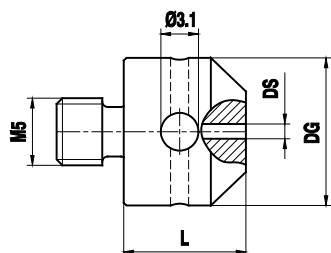
Special designs on request.



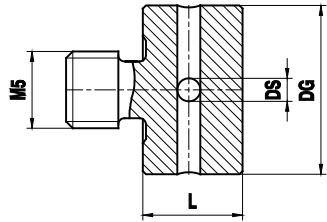
1-way styli holder		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	SH M5 000 11 010					11,0	10,0	1,0		3,2

Material Stainless steel

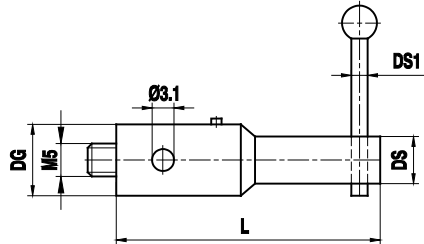
Special designs on request.



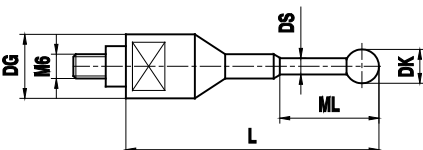
2-way styli holder		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M5	1	KH M5 000 20 010					10,0	6,0	1,0		3,0
Material	Stainless steel	Special designs on request.										



Holder 90°		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS DS1	B	Weight g
Thread	M5	1	KI M5 115 11 045					11,0	45,0	6,0 / 1,0-1,5		16,0
Material	Stainless steel	Special designs on request.										



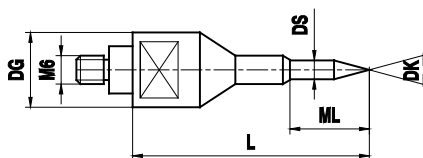
Carbide styli		Pos.	itp Order No	analogue Faro		DK	ML1 ML	DG D	L	DS1 DS	Inch	Weight g
Thread	M6	1	TH M6 H16 16 047	BP002-M		1,58	9,0	16,0	47,0	1,0	1/16"	
Material	Stainless steel base, carbide stem, ball as per table	2	TH M6 R30 16 049	BPM009-M		3,0	11,0	16,0	49,0	2,0		
		3	TH M6 Z30 16 049	-		3,0	11,0	16,0	49,0	2,0		
		4	TH M6 R08 16 049	-		3,175	11,0	16,0	49,0	2,0	1/8"	
		5	TH M6 Z08 16 049	BP004-M		3,175	11,0	16,0	49,0	2,0	1/8"	
		6	TH M6 D08 16 049	BP012-M		3,175	11,0	16,0	49,0	2,0	1/8"	
		7	TH M6 H08 16 100	BP014-M		3,175	62,0	16,0	100,0	2,0	1/8"	
		8	TH M6 D08 16 100	BP015-M		3,175	62,0	16,0	100,0	2,0	1/8"	
		9	TH M6 R60 16 049	-		6,0	11,0	16,0	49,0	2,0		
		10	TH M6 Z60 16 049	BPM001-M		6,0	11,0	16,0	49,0	2,0		
		11	TH M6 R04 16 049	-		6,35	11,0	16,0	49,0	2,0	1/4"	
		12	TH M6 Z04 16 049	BP001-M		6,35	11,0	16,0	49,0	2,0	1/4"	
		13	TH M6 D04 16 049	BP011-M		6,35	11,0	16,0	49,0	2,0	1/4"	
		14	TH M6 H04 16 100	BP009-M		6,35	62,0	16,0	100,0	3,5	1/4"	
		15	TH M6 H516 16 049	BP013-M		7,93	11,0	16,0	49,0	3,5	5/16"	
		16	TH M6 R80 16 049	BPM002-M		8,0	11,0	16,0	49,0	3,5		
		17	TH M6 R100 16 049	BPM003-M		10,0	11,0	16,0	49,0	3,5		
		18	TH M6 R120 16 059	BPM004-M		12,0	21,0	16,0	59,0	3,5		
		19	TH M6 H02 16 059	BP008-M		12,69	21,0	16,0	59,0	3,5	1/2"	
		20	TH M6 H160 16 059	BPM005-M		16,0	21,0	16,0	59,0	3,5		
		21	TH M6 H180 16 059	BPM006-M		18,0	21,0	16,0	59,0	3,5		
		22	TH M6 H200 16 059	BPM007-M		20,0	21,0	16,0	59,0	3,5		
		23	TH M6 H10 16 069	BP007-M		25,4	31,0	16,0	69,0	3,5	1"	



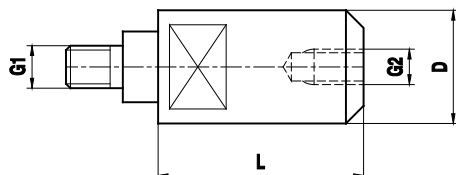
Peg mounted balls. Special designs on request.

H = Carbide, R = Ruby, D = Delrin, Z = Zirconium oxide.

Styli pointer		Pos.	itp Order No	analogue Faro		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M6	1	IH M6 030 16 047	PP001-M		30°		16,0	47,0	2,0		
Material		Stainless steel base, carbide tip										
		Special designs on request.										

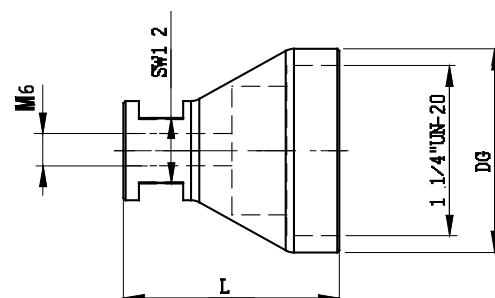
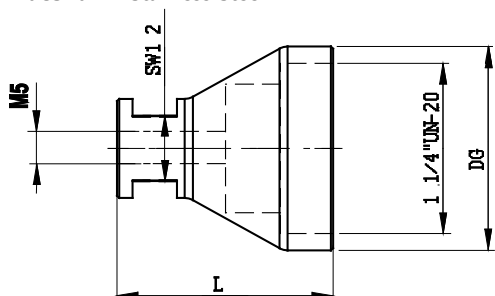


Adapter		Pos.	itp Order No	analogue Faro		DK	ML1 ML	DG D	L	DS1 DS	G1 G2	Weight g
Thread	M6	1	RI M6 500 16 029	-				16,0	29,0		M6 / M5	
Material	Stainless steel	2	RI M6 400 16 029	-				16,0	29,0		M6 / M4	
		3	RI M6 300 16 029	-				16,0	29,0		M6 / M3	
		4	RI M6 200 16 029	-				16,0	29,0		M6 / M2	



Special designs on request.

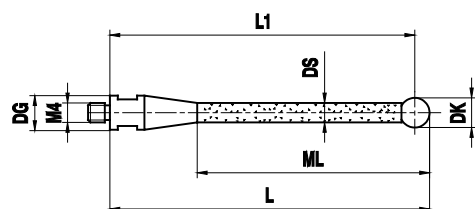
Adapter for Faro Platinum/Gold		Pos.	itp Order No	analogue Faro		DK	ML1 ML	DG D	L	DS1 DS	G1 G2	Weight g
Thread	M5/M6	1	RIUN11/4M538039	-				38,0	39,0		1,25'/M5	
Material	Stainless Steel	2	RIUN11/4M638039	-				38,0	39,0		1,25'/M6	



Special designs on request.

Ceramic styli

Thread M4
Material Stainless steel base, ceramic stem, ruby ball



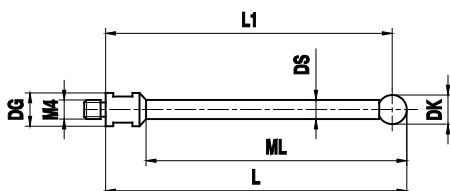
Pos.	itp Order No	analogue Marposs	DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	TK M4 060 07 035	319 19 10 872	6,0	29,5	7,0	38,0 / 35,0	4,0		3,8
2	TK M4 060 07 040	319 19 10 873	6,0	34,5	7,0	43,0 / 40,0	4,0		4,0
3	TK M4 060 07 045	319 19 10 874	6,0	39,5	7,0	48,0 / 45,0	4,0		4,7
4	TK M4 060 07 050	319 19 10 875	6,0	44,5	7,0	53,0 / 50,0	4,0		4,5
5	TK M4 070 07 070	319 19 10 871	7,0	55,5	7,0	73,5 / 70,0	4,0		5,0
6	TK M4 060 07 075	319 19 10 870	6,0	60,0	7,0	78,0 / 75,0	4,0		5,2
7	TK M4 060 07 100	319 19 10 865	6,0	85,0	7,0	103,0 / 100,0	4,0		6,5
8	TK M4 070 07 125	319 19 29 200	7,0	110,5	7,0	128,5 / 125,0	4,0		7,9
9	TK M4 070 07 150	319 19 10 860	7,0	135,5	7,0	153,5 / 150,0	4,0		8,9
10	TK M4 100 07 100	319 19 29 210	10,0	87,0	7,0	105,0 / 100,0	4,0		7,3

Cup mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

Carbide styli

Thread M4
Material Stainless steel base, carbide stem, ruby ball

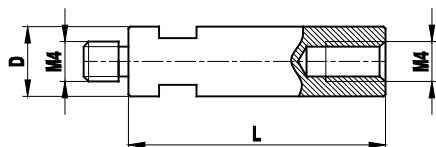


Pos.	itp Order No	analogue Marposs	DK	ML1 ML	DG D	L L1	DS1 DS	B	Weight g
1	TH M4 010 07 020	319 19 10 806	1,0	4,5	7,0	20,5 / 20,0	0,8		1,5
2	TH M4 020 07 020	319 19 10 807	2,0	8,0	7,0	21,0 / 20,0	1,5		1,5
3	TH M4 040 07 020	319 19 10 808	4,0	12,0	7,0	22,0 / 20,0	3,0		1,9
4	TH M4 060 07 020	319 19 10 803	6,0	14,5	7,0	23,0 / 20,0	4,0		2,1
5	TH M4 060 07 035	319 19 10 805	6,0	29,5	7,0	38,0 / 35,0	4,0		15,2
6	TH M4 060 07 040	319 19 10 810	6,0	34,5	7,0	43,0 / 40,0	4,0		16,5
7	TH M4 060 07 050	319 19 10 815	6,0	44,5	7,0	53,0 / 50,0	4,0		18,0
8	TH M4 060 07 075	319 19 10 830	6,0	69,5	7,0	78,0 / 75,0	4,0		19,7
9	TH M4 060 07 100	319 19 10 840	6,0	94,5	7,0	103,0 / 100,0	4,0		27,5
10	TH M4 070 07 150	319 19 10 845	7,0	135,5	7,0	153,5 / 150,0	4,0		36,0
11	TH M4 080 07 020	319 19 10 809	8,0	15,5	7,0	24,0 / 20,0	4,0		2,2

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

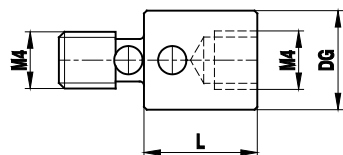
Extension		Pos.	itp Order No	analogue Marposs		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	VI M4 000 M7 010	101 91 08 026				7,0	10,0			2,4
Material	Stainless steel	2	VI M4 000 M7 015	101 91 08 027				7,0	15,0			3,7
		3	VI M4 000 M7 020	101 91 08 028				7,0	20,0			4,8
		4	VI M4 000 M7 030	101 91 08 029				7,0	30,0			7,4
		5	VI M4 000 M7 050	101 91 08 025				7,0	50,0			9,5



Special designs on request.

Anticrash protection adapter		Pos.	itp Order No	analogue Marposs		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	BI M4 000 07 008	-				7,0	8,0			1,8
Material	Stainless steel											

Special designs on request.



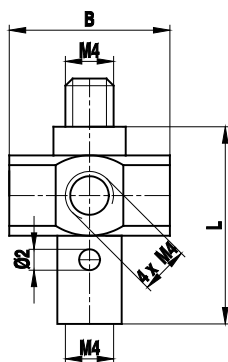
5-way rotary holder

Pos.	itp Order No	analogue Marposs		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	HI M4 000 15 018	201 91 08 000					18,0		15,0	12,5

Thread M4

Material Stainless steel

Special designs on request.



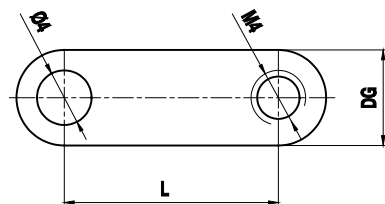
Adapter for crank styli for srew SI M4 000 07 010

Pos.	itp Order No	analogue Marposs		DK	ML1 ML	DG D	L	DS1 DS	Thickness	Weight g
1	RI M4 000 07 022	101 91 08 036				7,0	22,0		5,0	1,5
2	RI M4 000 07 028	101 91 08 037				7,0	28,0		5,0	1,8

Thread M4

Material Stainless steel

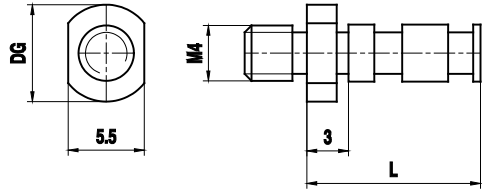
Special designs on request.



Crash protection device		Pos.	itp Order No	analogue Marposs		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	BI M4 000 07 016	101 50 51 100				7,0	16,0			1,8

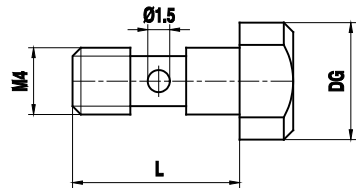
Material Stainless steel

Special designs on request.



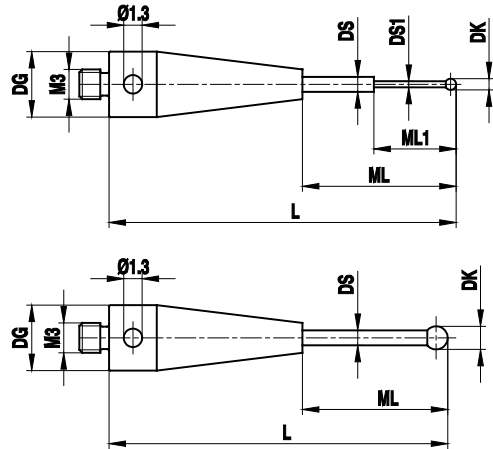
Screw with crash protection device		Pos.	itp Order No	analogue Marposs		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M4	1	SI M4 000 07 010	101 91 08 004				7,0	10,0			1,8

Material Stainless steel



Carbide styli

Thread M3
Material Stainless steel base, carbide stem, ruby ball



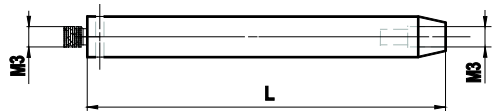
Pos.	itp Order No	analogue Heidenhain		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 010 H4 021	T421		1,0	5,0/14,0	4,0	21,5	0,7/1,0		
2	TH M3 020 H4 022	T422		2,0	14,5	4,0	22,0	1,0		
3	TH M3 030 H4 022	T423		3,0	15,0	4,0	22,5	1,0		
4	TH M3 040 H4 023	T424		4,0	15,0	4,0	23,0	2,0		
5	TH M3 040 H4 042	T404		4,0	34,0	4,0	42,0	2,0		
6	TH M3 050 H4 042	T405		5,0	34,5	4,0	42,5	2,0		
7	TH M3 060 H4 043	T406		6,0	35,0	4,0	43,0	2,0		
8	TH M3 080 H4 044	T408		8,0	34,0	4,0	44,0	3,0		

Peg mounted balls. Special designs on request.

All existing ball materials are available upon request for all styli and all thread sizes.

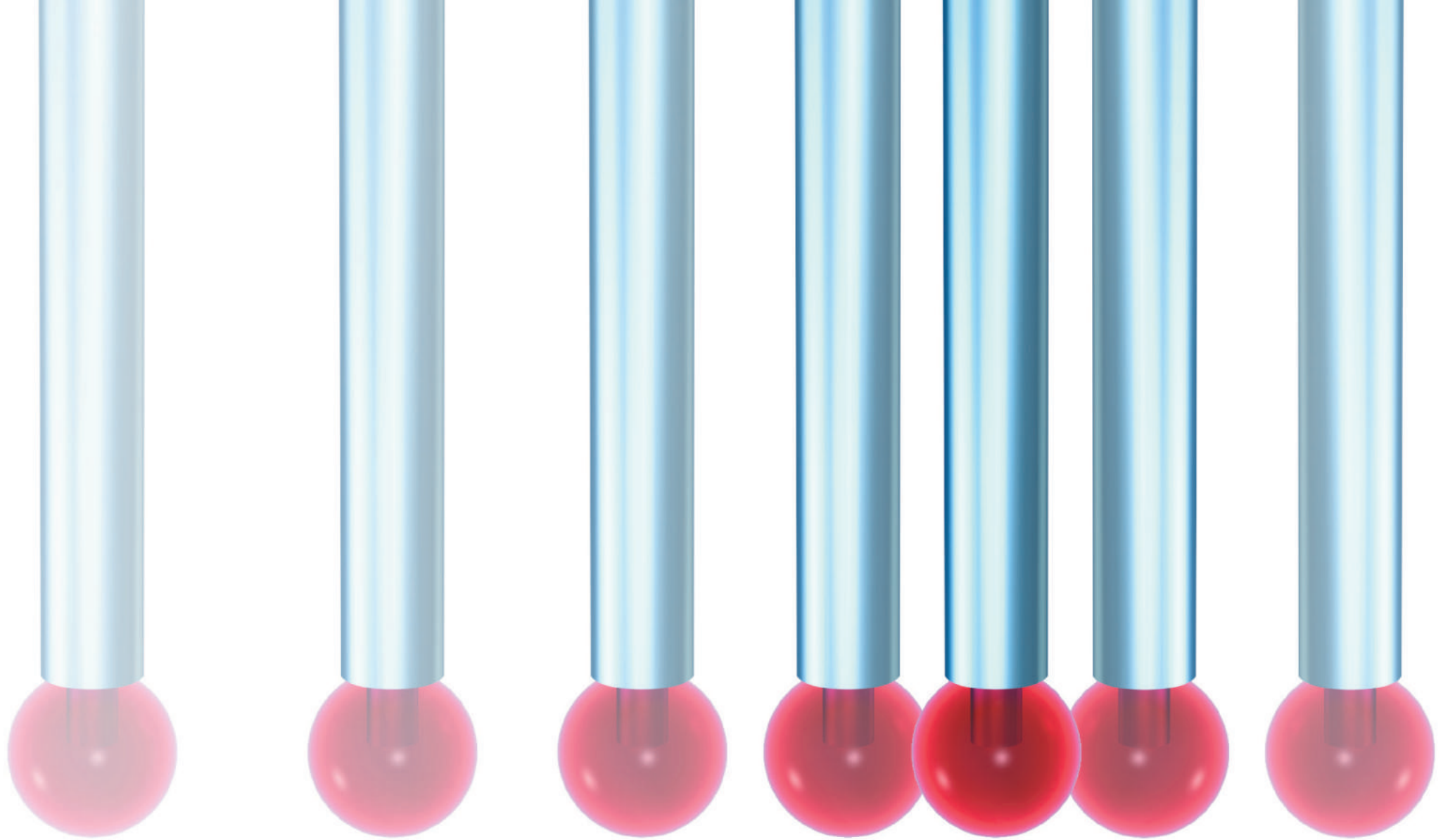
Extension

Thread M3
Material Stainless steel



Pos.	itp Order No	analogue Heidenhain		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VI M3 000 H6 050	T490				6,0	50,0			

Special designs on request.



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