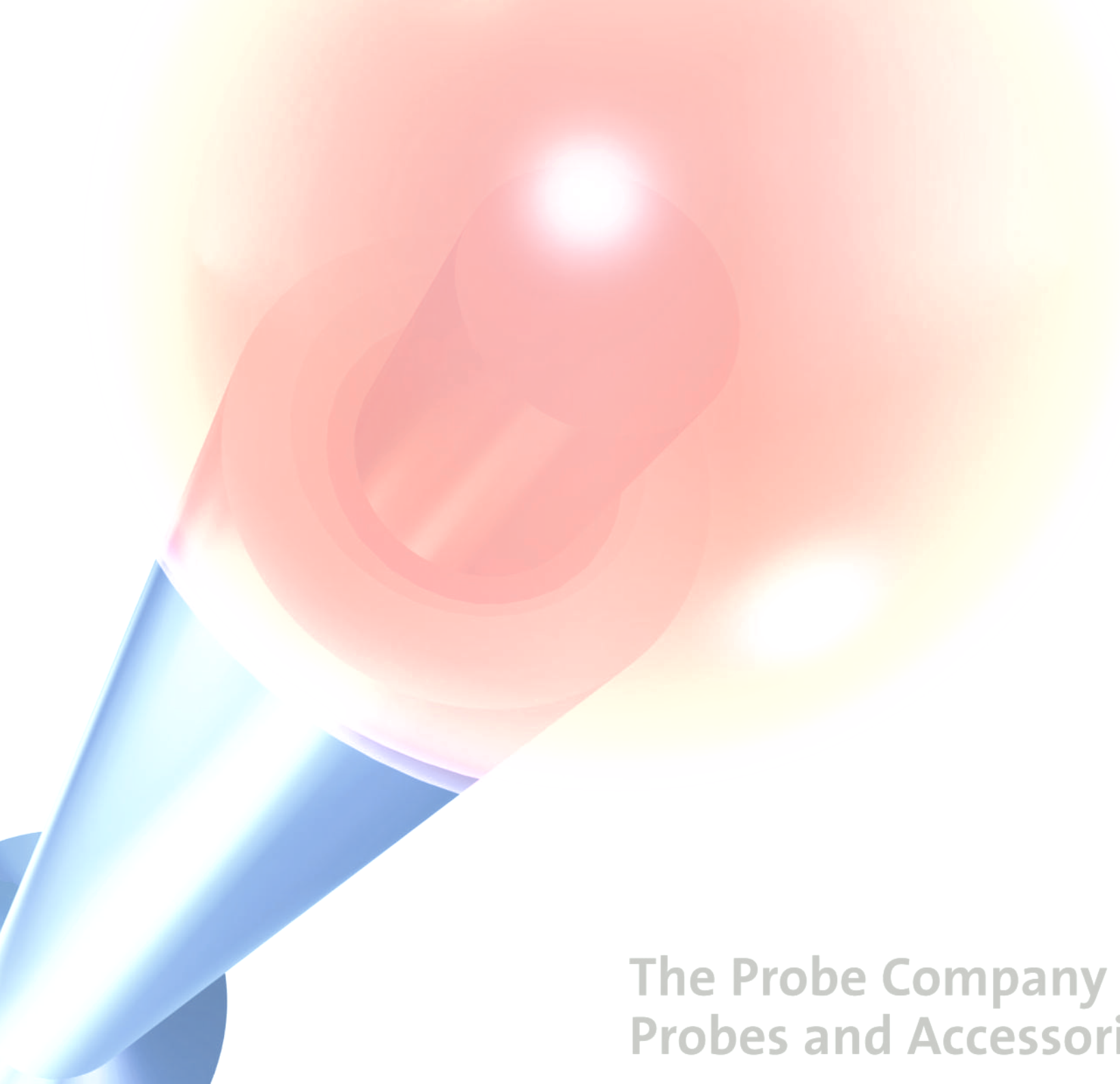
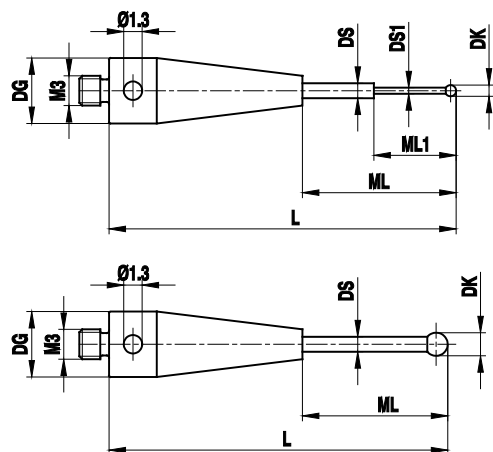




The Probe Company
Probes and Accessories

Carbide styli XXT

Thread M3
Material Titanium base, carbide stem, ruby ball



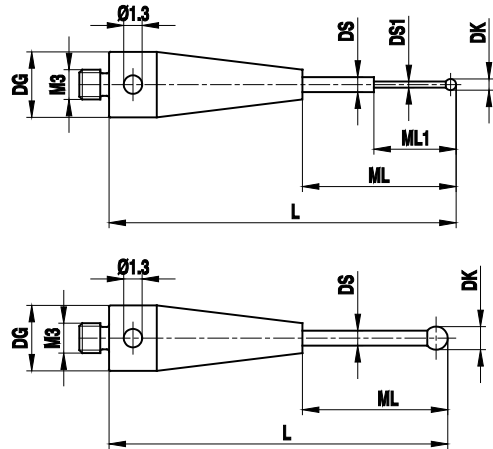
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 003 05 013	626113-0030-013	0,3	2,3/4,0	5,0	13,0	0,2/1,0		0,62
2	TH M3 003 05 020	626113-0030-020	0,3	2,3/11,0	5,0	20,0	0,2/1,0		0,69
3	TH M3 005 05 013	626113-0050-013	0,5	2,3/4,0	5,0	13,0	0,3/1,0		0,61
4	TH M3 005 05 020	626113-0050-020	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



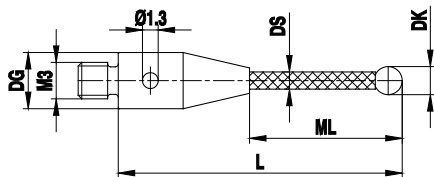
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 DC10 05 020			1,0	5,0/11,0	5,0	20,0	06/1,0		0,70
2	TH M3 DC10 05 030			1,0	5,0/21,0	5,0	30,0	0,8/1,0		0,80
3	TH M3 DC10 05 040			1,0	5,0/31,0	5,0	40,0	0,8/1,0		1,50
4	TH M3 DC15 05 030			1,5	22,5	5,0	30,0	1,0		0,90
5	TH M3 DC15 05 040			1,5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



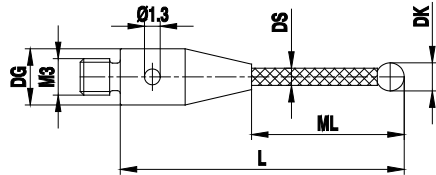
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 DC30 05 033			3,0	24,0	5,0	33,0	2,0		0,70
2	TC M3 DC30 05 050			3,0	41,0	5,0	50,0	2,0		0,80
3	TC M3 DC30 05 058			3,0	49,0	5,0	58,0	2,0		1,0
4	TC M3 DC30 05 059			3,0	50,0	5,0	59,0	2,0		1,0
5	TC M3 DC30 05 075			3,0	66,0	5,0	75,0	2,0		1,0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

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

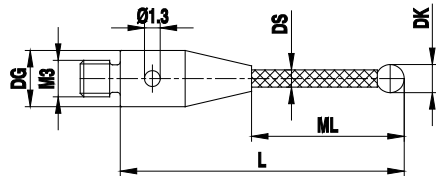


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 R50 05 030	626103-0501-030		5,0	21,0	5,0	30,0	3,5		1,1
2	TC M3 R50 05 050	626103-0501-050		5,0	41,0	5,0	50,0	3,5		1,4

Thermostable carbon fiber, E-module > 450 GPa.

Carbon fiber styli XXT, thermostable

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



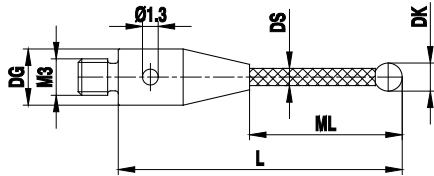
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 030 05 025	626103-0300-025		3,0	16,0	5,0	25,0	2,0		0,65
2	TC M3 030 05 033	626103-0300-033		3,0	24,0	5,0	33,0	2,0		0,7
3	TC M3 030 05 040/2,0	626103-0300-040		3,0	31,0	5,0	40,0	2,0		0,8
4	TC M3 030 05 042	626103-0300-042		3,0	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

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

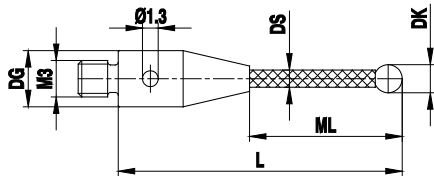


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S30 05 033/K	626103-0301-033		3,0	24,0	5,0	33,0	2,0		0,7
2	TC M3 S30 05 050/K	626103-0301-050		3,0	41,0	5,0	50,0	2,0		0,8
3	TC M3 S50 05 050/K	626103-0502-050		5,0	41,0	5,0	50,0	3,5		1,4
4	TC M3 S50 05 075/K	626103-0500-075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

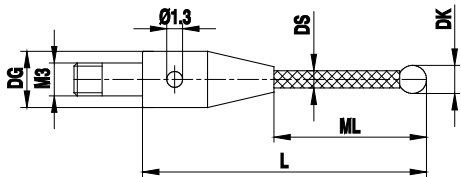


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S30 05 033	-		3,0	24,0	5,0	33,0	2,0		0,7
2	TC M3 S30 05 050	-		3,0	41,0	5,0	50,0	2,0		0,8
3	TC M3 S50 05 050	-		5,0	41,0	5,0	50,0	3,5		1,4
4	TC M3 S50 05 075	-		5,0	66,0	5,0	75,0	3,5		1,8
5	TC M3 S80 05 070	-		8,0	70,0	5,0	70,0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

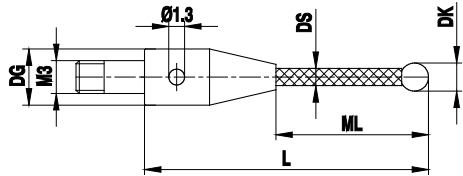


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 030 05 020	626103-0301-020		3,0	11,0	5,0	20,0	2,0		0,7
2	TC M3 030 05 030	626103-0301-030		3,0	21,0	5,0	30,0	2,0		0,75
3	TC M3 030 05 040	626103-0301-040		3,0	31,0	5,0	40,0	2,0		0,8

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



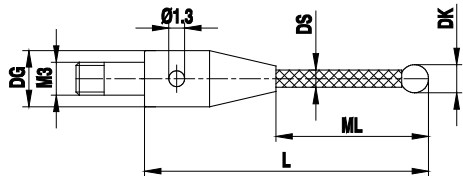
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TC M3 S30 05 020/K	626103-0311-020	3,0	11,0	5,0	20,0	2,0		0,7
2	TC M3 S30 05 030/K	626103-0311-030	3,0	21,0	5,0	30,0	2,0		0,75
3	TC M3 S30 05 040/K	626103-0311-040	3,0	31,0	5,0	40,0	2,0		0,8

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.

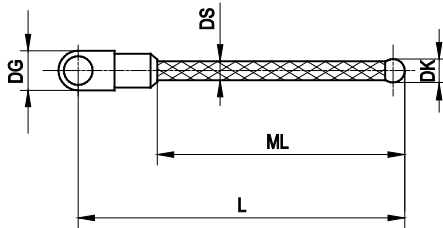
All existing ball materials are available upon request for all styli and all thread sizes.

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.

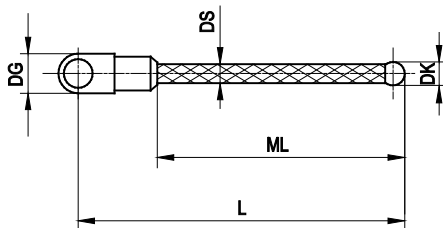


Carbon fibre styli for ¼ star styli XXT, thermostable with silicon nitride ball

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.



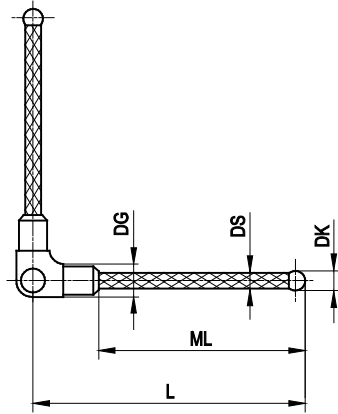
**Carbon fibre styli for 1/2 star styli XXT
90°, thermostable**

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.



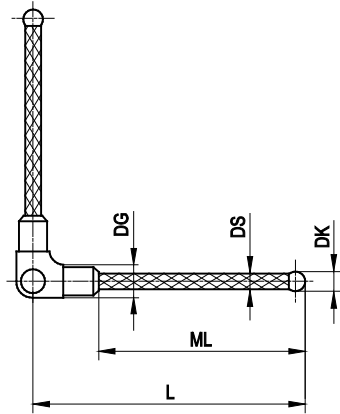
Carbon fibre styli for 1/2 star styli XXT 90°, thermostable with silicon nitride ball

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.



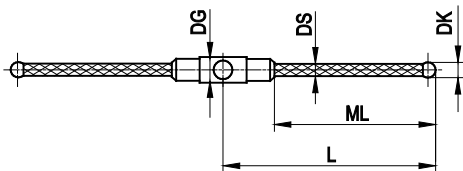
Carbon fibre styli for 1/2 star styli XXT 180°, thermostable

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

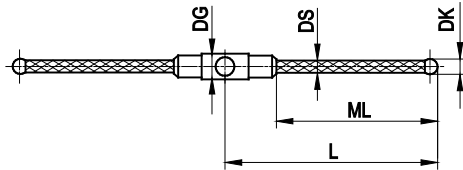
Peg mounted balls. Thermostable carbon fiber, E-module > 450 GPa. Special designs on request.

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



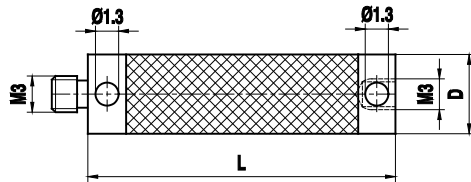
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SC M3 S30 05 020/180°	626103-0314-020		3,0	11,0	5,0	20,0	2,0		1,4
2	SC M3 S30 05 030/180°	626103-0314-030		3,0	21,0	5,0	30,0	2,0		1,5
3	SC M3 S30 05 040/180°	626103-0314-040		3,0	31,0	5,0	40,0	2,0		1,6

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

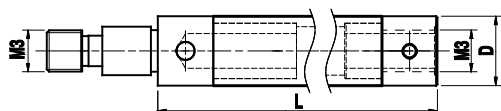


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VC M3 000 05 020	626103-5020-000				5,0	20,0			1,2
2	VC M3 000 05 025	626103-5025-000				5,0	25,0			1,25
3	VC M3 000 05 030	626103-5030-000				5,0	30,0			1,3
4	VC M3 000 05 040	626103-5040-000				5,0	40,0			1,4
5	VC M3 000 05 050	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.

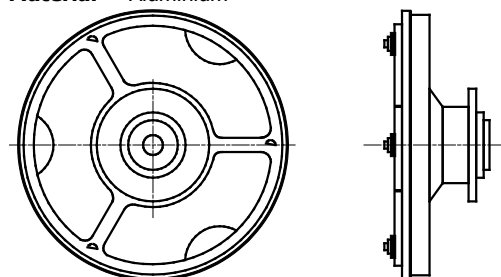
E-module of approximately 450 GPa.

Clamping extension with thread carbon fiber XXT		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VC M3 000 K5 020	626103-5020-010				5,0	20,0			1,3
Material	Thermostable carbon fiber, black	2	VC M3 000 K5 045	626103-5045-010				5,0	45,0			1,5

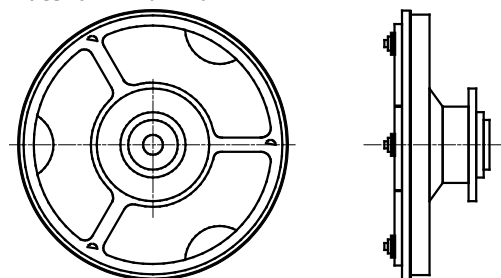


Special designs on request.
E-module of approximately 450 GPa.

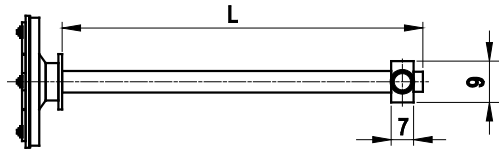
Adapter Plate VAST XXT TL1		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TP M3 MES SO TL1	620161-8155-000								
Material	Aluminium											



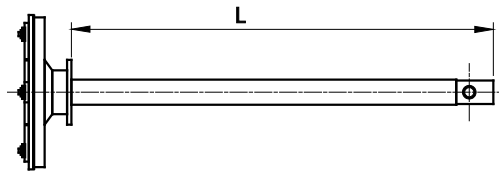
Reference Adapter Plate VAST XXT TL1		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TP M3 MES SO TL1R	620161-8158-000								
Material	Aluminium											



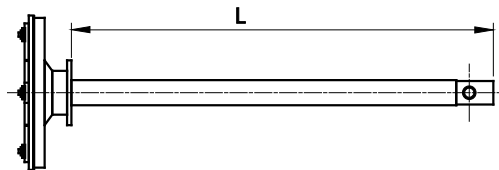
Adapter plate VAST XXT TL1 Star		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TP M3 MES SO TL1S	626103-8231-055					55,0			6,3
Material	Aluminium											



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											



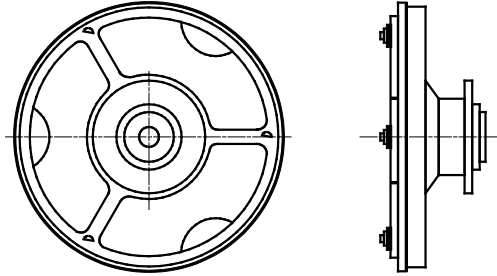
Reference Adapter Plate VAST XXT TL2		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TP M3 MES SO TL2R	620161-8168-000								
Material	Aluminium											



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								

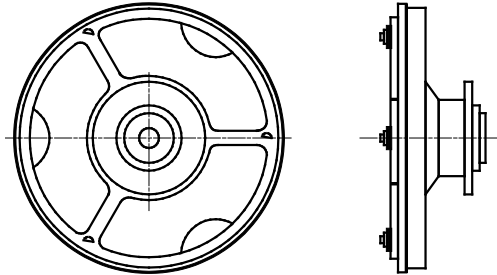
Thread M3
Material Aluminium



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								

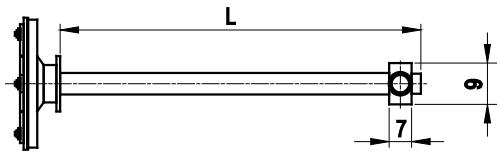
Thread M3
Material Aluminium



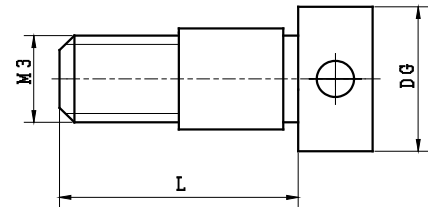
Adapter plate VAST XXT TL3 Star

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

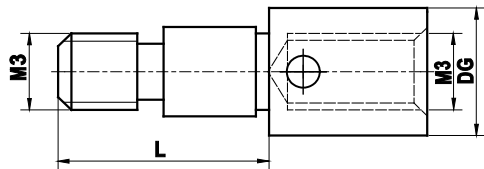
Thread M3
Material Aluminium



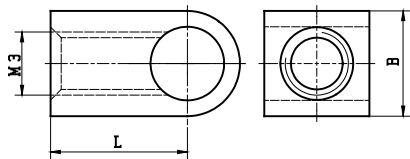
Clamping screw XXT		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	SI M3 000 05 008	626103-6110-004				5,0	8,0			0,5
Material	Titanium											
Special designs on request.												



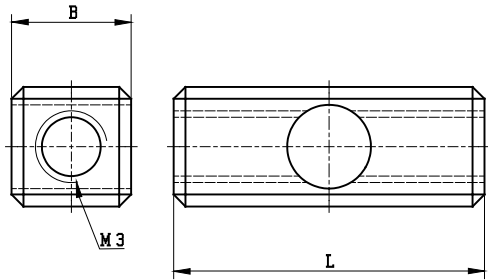
Clamping screw XXT, with internal thread M3		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	SI M3 M30 05 008	626103-6110-005				5,0	8,0			0,7
Material	Titanium											
Special designs on request.												



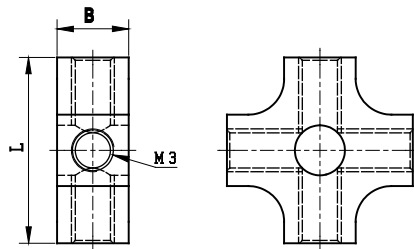
Cube XXT 90°, 1-way		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	WT M3 000 05 006	626103-6110-001					6,5		5,0	0,64
Material	Titanium											
Special designs on request.												



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.										



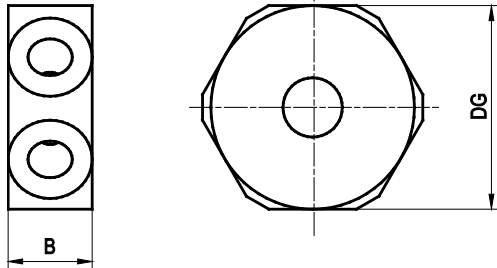
Cube XXT, star		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread M3		1	WT M3 000 05 013	626103-6110-003					13,0		5,0	1,8
Material Titanium		Special designs on request.										



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

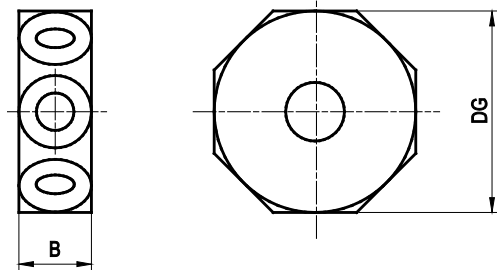
Special designs on request.



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

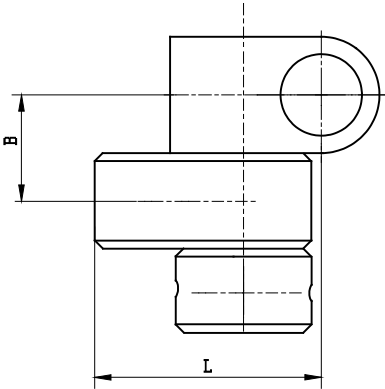
Special designs on request.



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

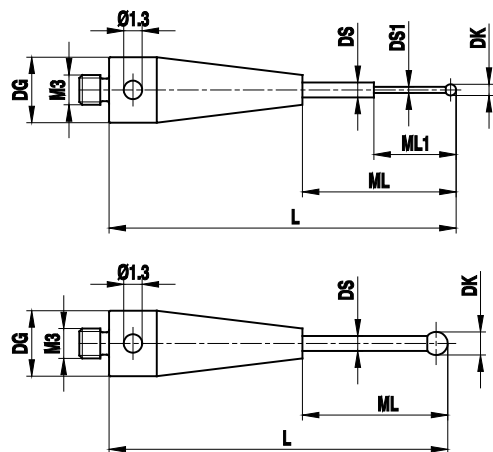
Material Titanium

Special designs on request.



Carbide styli

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



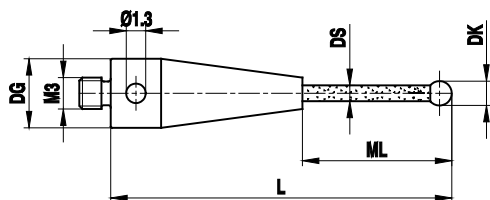
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 002 04 022	-		0,2	2,3/9,0	4,0	22,0	0,18/1,0		1,0
2	TH M3 0025 04 022	-		0,25	2,3/9,0	4,0	22,0	0,18/1,0		1,0
3	TH M3 003 04 022	602030-8121-000		0,3	2,3/9,0	4,0	22,0	0,2/1,0		1,0
4	TH M3 005 04 022	602030-8115-000		0,5	2,5/11,25	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



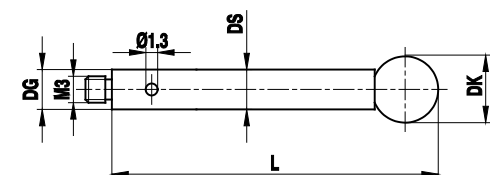
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M3 040 04 032	602030-8102-000	4,0	26,0	4,0	32,0	2,0		1,0
2	TK M3 050 04 032	602030-8101-000	5,0	24,0	4,0	32,5	2,0		1,0
3	TK M3 060 04 013	602030-8020-000	6,0	9,0	4,0	13,0	2,0		1,0
4	TK M3 060 04 043	-	6,0	30,5	4,0	43,5	2,0		1,2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

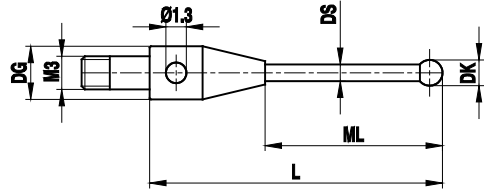
All existing ball materials are available upon request for all styli and all thread sizes.

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.

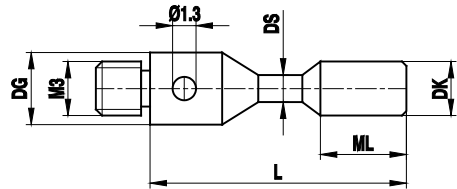
Silicon nitride and zirconium oxide balls are available upon request for all styli and all thread sizes.



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

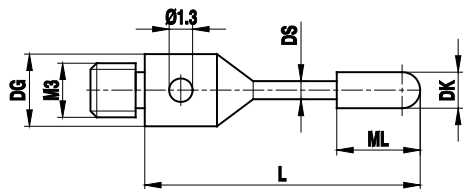
Special designs on request.



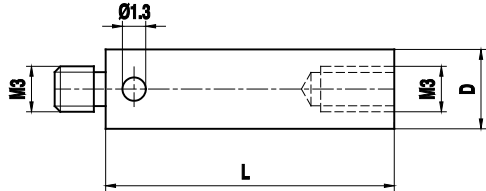
Cylinder styli

	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

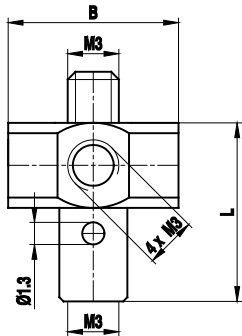


Special designs on request.

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

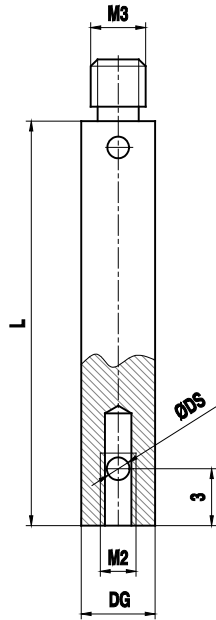
Material Stainless steel

Special designs on request.



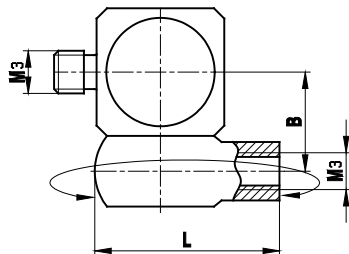
Holder for styli 90°		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	KH M3 010 04 030	-				4,0	30,0	1,0		2,9
Material	Stainless steel	2	KH M3 015 04 030	-				4,0	30,0	1,5		2,9

Special designs on request.

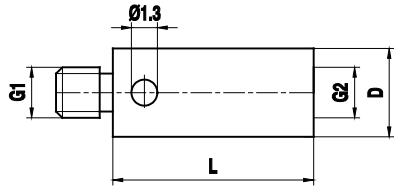


Rotary knuckle		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	DI M3 000 06 012	602030-9102-000					12,0		6,0	3,6
Material	Stainless steel											

Special designs on request.

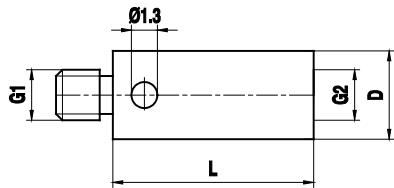


Adapter		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	from to	Weight g
Thread M3/M2		1	RI M3 000 04 005	602030-8341-000				4,0	5,0		M3 / M2	0,5
Material Stainless steel		Special designs on request.										

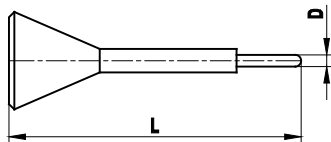


Adapter		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	from to	Weight g
Thread M2/M3		1	RI M2 000 04 005	602030-8345-000				4,0	5,0		M2 / M3	0,5
Material Stainless steel		2	RI M2 000 04 007	000000-1049-178				4,0	7,0		M2 / M3	0,5

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.										



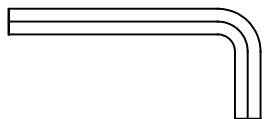
Assembly tool for styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	TF M2 M30 08 195	000000-1018-201								

Material Stainless steel

Special designs on request.

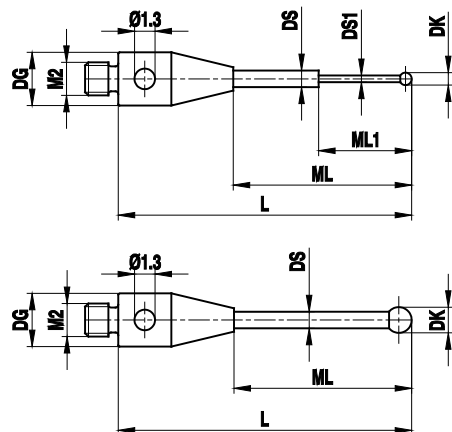


Hexagonal wrench		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	SW	Weight g
Thread		1	WS DD 911 SW 009	602030-0042-000							0,9	
Material	Steel, gunmetal or nickel finish	2	WS DD 911 SW 015	602030-0002-000							1,5	
		3	WS DD 911 SW 020	000000-0015-245							2,0	
		4	WS DD 911 SW 025	602030-0021-000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



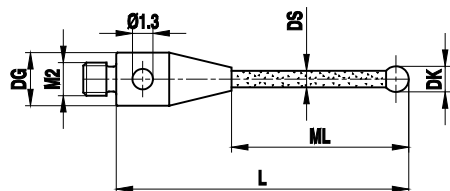
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M2 002 03 017	-	0,2	2,3/12,5	3,0	17,0	0,18/1,0		0,4
2	TH M2 0025 03 017	-	0,25	2,3/12,5	3,0	17,0	0,18/1,0		0,4
3	TH M2 003 03 018	-	0,3	2,3/13,5	3,0	18,0	0,2/1,0		0,4
4	TH M2 005 03 018	-	0,5	2,5/13,5	3,0	18,0	0,3/1,0		0,4
5	TH 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



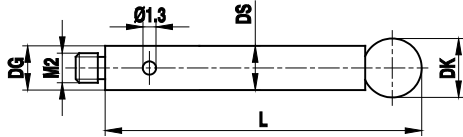
Pos.	itp Order No	analogue Zeiss	DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M2 040 03 016	-	4,0	12,0	3,0	16,0	2,0		0,8
2	TK M2 040 03 036	-	4,0	30,0	3,0	36,0	2,0		1,0
3	TK M2 050 03 014	-	5,0	10,0	3,0	14,0	2,0		0,8
4	TK M2 050 03 022	-	5,0	16,5	3,0	22,5	2,0		1,0
5	TK M2 050 03 038	-	5,0	32,0	3,0	38,0	2,0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

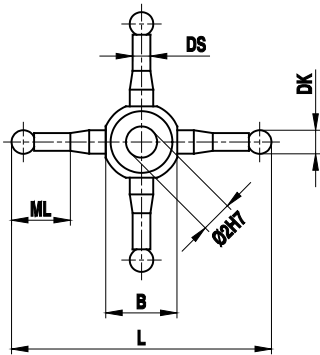
Star styli

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

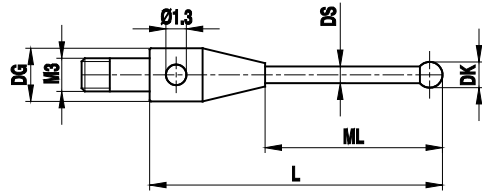
Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	SI M2 020 03 019	602030-8012-000		2,0	13,5	3,0	19,5	1,5		1,0

Thread M2

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.



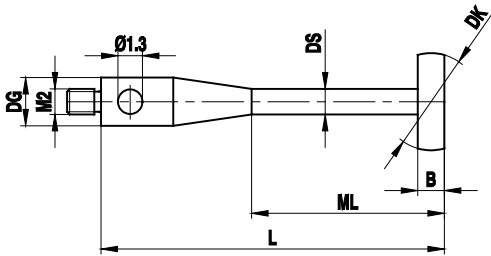
Spherical disk styli

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KK M2 040 03 032	602030-8202-000		4,0	19,0	3,0	32,0	1,0	1,0	1,0
2	KK M2 080 03 032	602030-8201-000		8,0	19,0	3,0	32,0	1,5	1,5	1,0

Thread M2

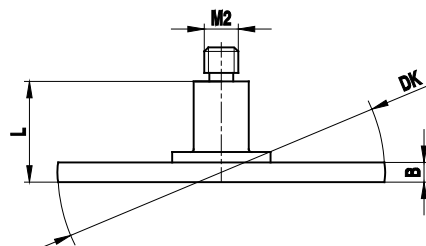
Material Stainless steel base, carbide stem, ceramic disk

Special designs on request.



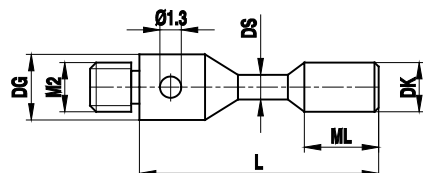
Spherical disk styli		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	KI M2 140 20 005	602030-8203-000		14,0			5,5		2,0	1,0
Material	Stainless steel base and stem, ceramic disk	2	KI M2 200 25 005	602030-8204-000		20,0			5,5		2,5	3,0

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.



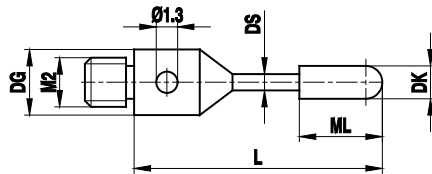
Cylinder styli

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

Thread M2

Material Stainless steel base, carbide stem, ruby cylinder

Special designs on request.



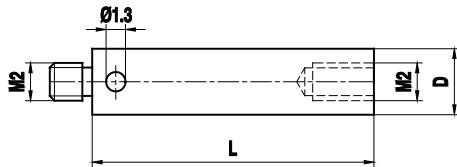
Extension

Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	VI M2 000 03 005	602030-8321-000				3,0	5,0			0,2
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

Thread M2

Material Stainless steel

Special designs on request.



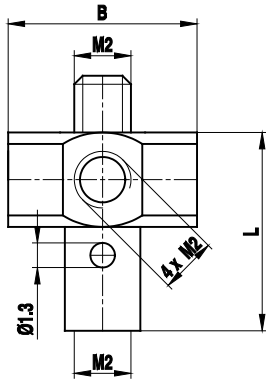
5-way styli holder, rotary

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.



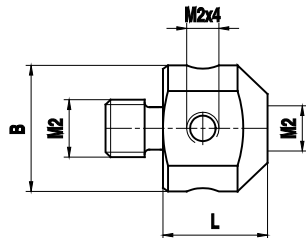
5-way styli holder, small/large

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

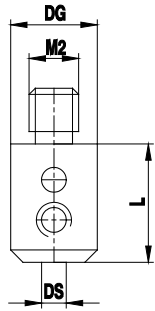
Material Stainless steel

Special designs on request.



Styli holder

Thread M2
Material Stainless steel

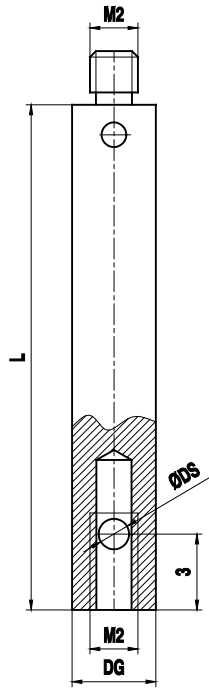


Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KH M2 010 06 008	-				6,0	8,0	1,0		1,0
2	KH M2 015 06 008	-				6,0	8,0	1,5		1,0
3	KH M2 020 06 008	-				6,0	8,0	2,0		1,0

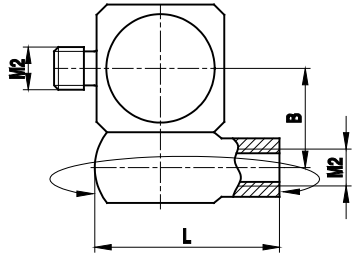
Special designs on request.

Holder for styli 90°		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	KH M2 010 03 030	-				3,0	30,0	1,0		2,9
Material	Stainless steel	2	KH M2 015 03 030	-				3,0	30,0	1,5		2,9

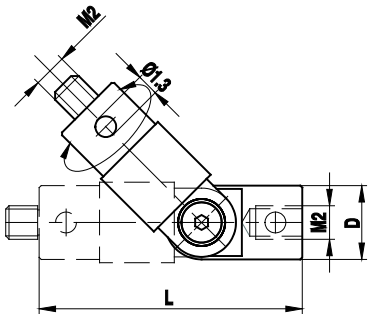
Special designs on request.



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.										



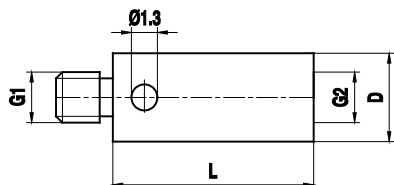
Rotary knuckle, slewing range 360°, swing range 180°		Pos.	itp Order No	analogue Zeiss		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	GI M2 000 04 016	602030-9105-000				4,0	16,5			1,5
Material	Stainless steel	Special designs on request.										



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

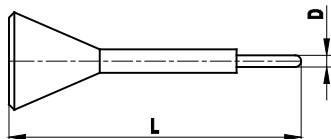
Special designs on request.



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			

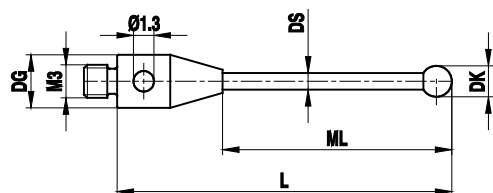
Material Stainless steel

Special designs on request.



Carbide styli

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



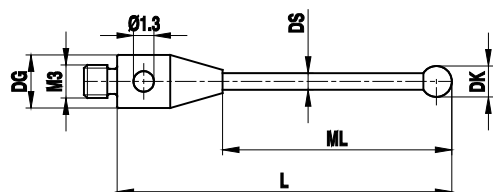
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 005 04 021			0,5	2,25	4,0	21,25	0,4		1,0
2	TH M3 010 04 033			1,0	25,5	4,0	32,5	0,8		0,8
3	TH M3 015 R4 022			1,5	14,25	4,0	21,75	1,0		0,8
4	TH M3 015 04 031			1,5	23,25	4,0	30,75	1,0		1,0
5	TH M3 020 04 031			2,0	23,5	4,0	31,0	1,5		1,3
6	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

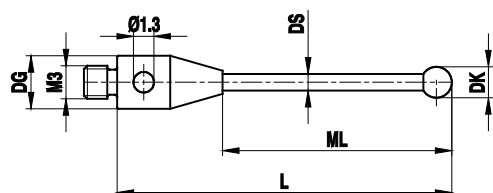
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 Z20 04 031			2,0	23,5	4,0	31,0	1,5		1,4

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

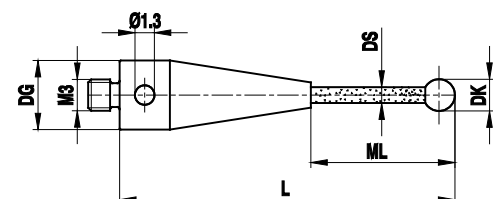
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TK M3 030 04 051			3,0	44,0	4,0	51,5	2,0		1,2
2	TK M3 040 04 052			4,0	44,5	4,0	52,0	2,0		1,3
3	TK M3 050 04 052			5,0	45,0	4,0	52,5	2,5		1,4

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.

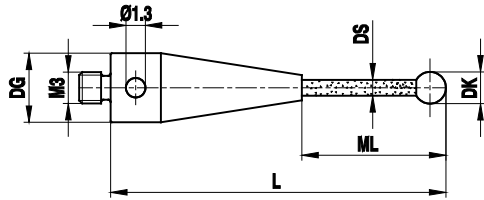


Ceramic styli with silicon nitride ball

	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.

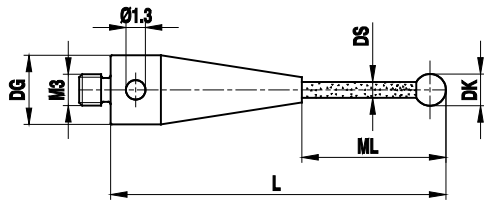


Ceramic styli with zirconium oxide ball

	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											

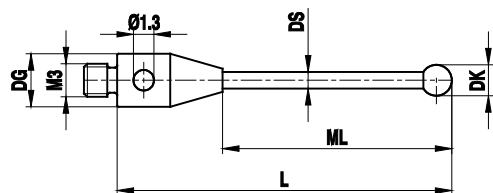
Peg mounted balls. Special designs on request.

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

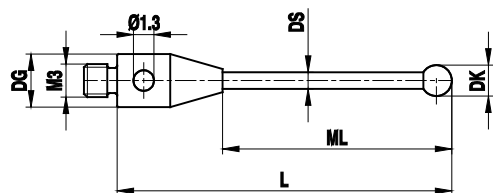


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M3 010 04 021			1,0	4,5	4,0	21,5	0,7		1,0
2	TI M3 020 04 022			2,0	9,0	4,0	22,0	1,5		1,0
3	TI M3 030 04 022			3,0	13,5	4,0	22,5	1,5		1,0
4	TI M3 040 04 023			4,0	13,0	4,0	23,0	2,5		1,3
5	TI M3 040 04 033			4,0	23,0	4,0	33,0	2,5		2,5
6	TI M3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

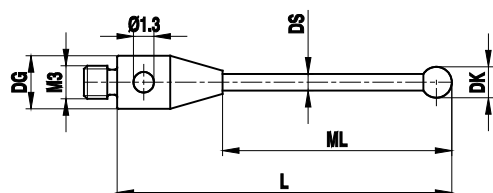
Stainless steel styli with zirconium oxide ball

Thread M3
Material Stainless steel base and stem, 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

Peg mounted balls. Special designs on request.

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



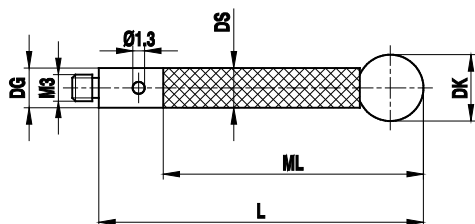
Carbon fiber styli, thermostable

Thread M3
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 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

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.



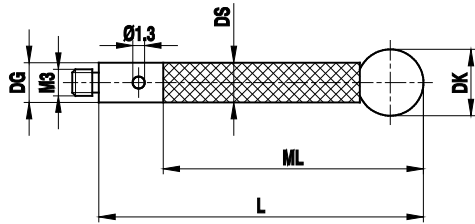
Carbon fiber styli, thermostable with silicon nitride balls

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.



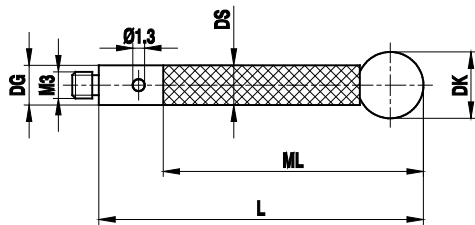
Carbon fiber styli, thermostable with zirconium oxide ball

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.

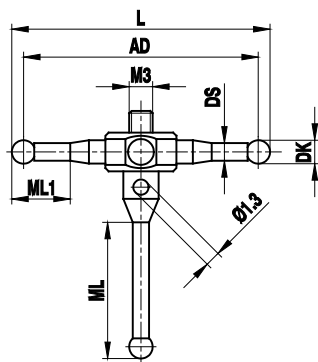
All existing ball materials are available upon request for all styli and all thread sizes.



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.

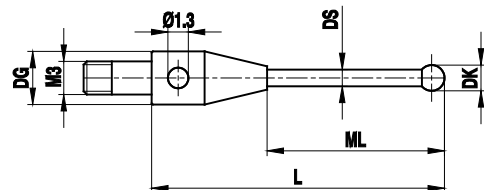
All existing ball materials are available upon request for all styli and all thread sizes.



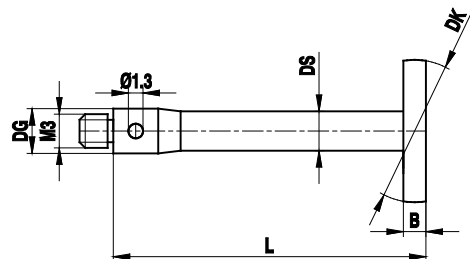
Styli for star configuration		Pos.	itp Order No			DK	ML1ML	DGD	L	DS1DS	B	Weight g
Thread	M3	1	TI M3 020 04 019			2,0	12,0	4,0	19,0	1,4		3,0
Material	Stainless steel base and stem, ruby ball	2	TI M3 020 04 029			2,0	11,0	4,0	29,0	1,4		5,3

Peg mounted balls. Special designs on request.

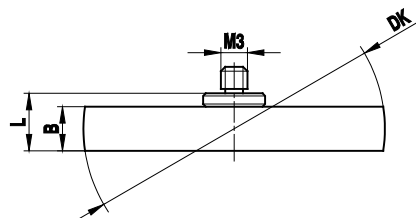
Silicon nitride and zirconium oxide balls are available upon request for all styli and all thread sizes.



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.						

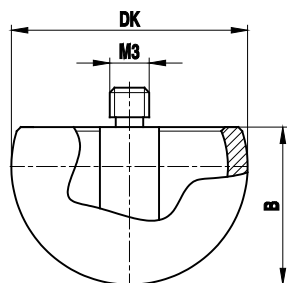


Spherical disk styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	KI M3 050 35 M30			35,0			7,0		5,0	10,0
Material	Stainless steel base, high-strength steel disk	2	KI M3 060 63 M30			63,5			7,5		6,0	45,0
Special designs on request.												



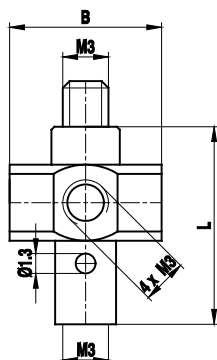
Hollow ceramic hemisphere		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	HK M3 180 04 012			18,0			12,00		11,0	3,3
Material	Stainless steel base, hollow ceramic hemisphere	2	HK M3 300 04 018			30,0			18,00		17,0	18,0

Special designs on request.



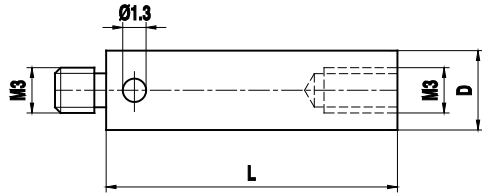
5-way styli holder, rotary		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	HI M3 000 10 013						13,0		10,0	3,6

Special designs on request.



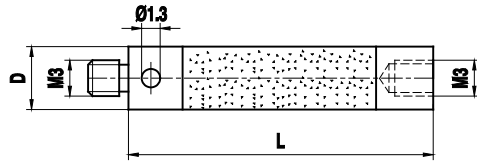
Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VI M3 000 04 010					4,0	10,0			0,9
Material	Stainless steel	2	VI M3 000 04 020					4,0	20,0			1,6
		3	VI M3 000 04 035					4,0	35,0			2,9

Special designs on request.



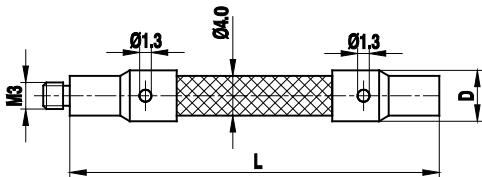
Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VK M3 000 04 030					4,0	30,0			2,0
Material	Ceramic, stainless steel ends	2	VK M3 000 04 040					4,0	40,0			2,5
		3	VK M3 000 04 050					4,0	50,0			3,0
		4	VK M3 000 04 060					4,0	60,0			3,5

Special designs on request.

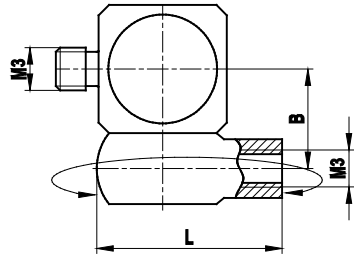


Extension		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	VC M3 000 04 075					4,6	75,0			2,5
Material	Carbon fiber, black, stainless steel ends	2	VC M3 000 04 100					4,6	100,0			3,0

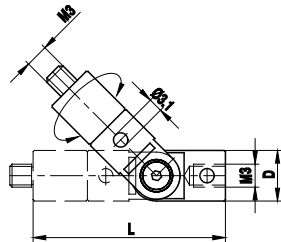
Special designs on request.
E-module of approximately 450 GPa.



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.										



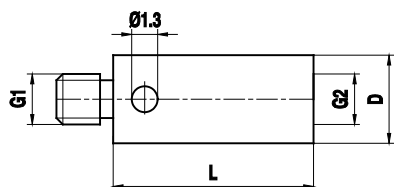
Rotary knuckle, slewing range 360°, swing range 180°		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M3	1	GI M3 000 04 017					4,0	17,0			1,5
Material	Stainless steel	Special designs on request.										



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

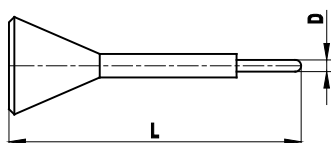
Special designs on request.



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			

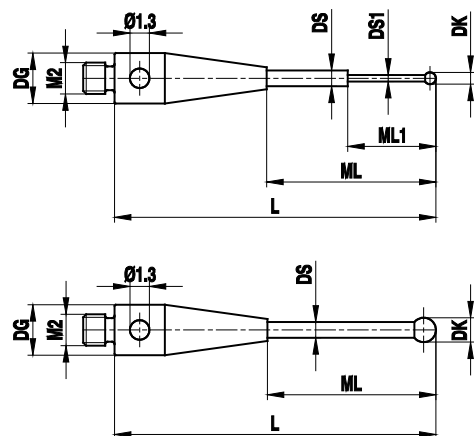
Material Stainless steel

Special designs on request.



Carbide styli

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



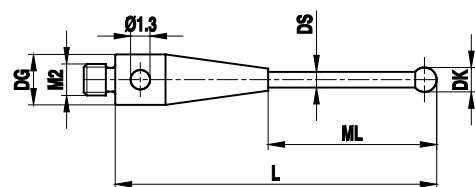
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M2 002 03 010			0,2	2,3/4,15	3,0	10,15	0,18/1,0		0,3
2	TH M2 0025 03 010			0,25	2,3/4,15	3,0	10,15	0,18/1,0		0,3
3	TH M2 003 03 010			0,3	2,15/4,15	3,0	10,15	0,2/0,7		0,3
4	TH M2 005 03 010			0,5	3,25/4,25	3,0	10,25	0,4/0,7		0,3
5	TH M2 005 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



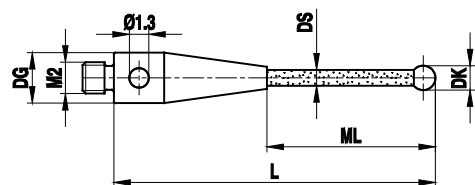
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M2 S10 03 020			1,0	7,5	3,0	20,5	0,7		0,6
2	TH M2 S10 03 021			1,0	13,0	3,0	20,5	0,8		0,4
3	TH M2 S10 03 027			1,0	20,5	3,0	27,5	0,7		0,4
4	TH M2 S15 03 021			1,5	13,25	3,0	20,75	1,0		0,5
5	TH M2 S15 03 031			1,5	23,25	3,0	30,75	1,0		0,6
6	TH 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.

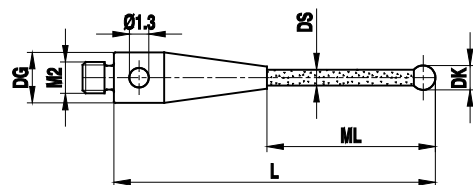
Ceramic styli with silicon nitride ball

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.



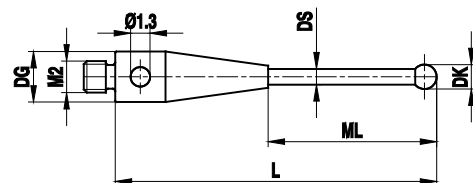
Stainless steel styli

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

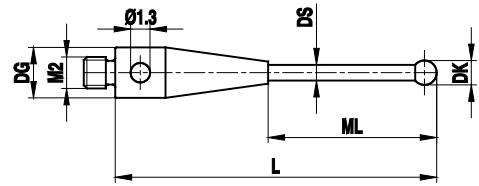
Peg mounted balls. Special designs on request.

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



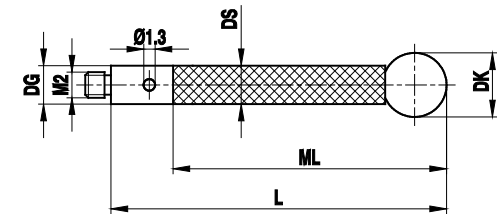
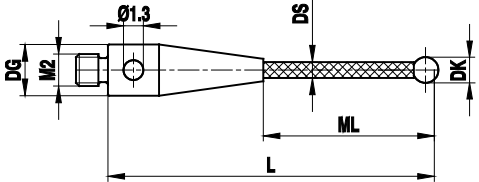
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TI M2 S10 03 010			1,0	5,0	3,0	10,5	0,7		0,3
2	TI M2 S15 03 011			1,5	5,0	3,0	10,75	0,7		0,3
3	TI M2 S20 03 011			2,0	6,0	3,0	11,0	1,0		0,3
4	TI M2 S20 03 021			2,0	14,5	3,0	21,0	1,4		0,4
5	TI M2 S25 03 011			2,5	6,5	3,0	11,25	1,0		0,3
6	TI M2 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.

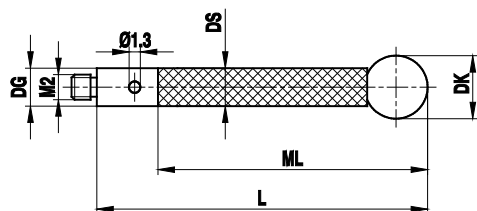
Carbon fiber styli, thermostable with silicon nitride ball

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

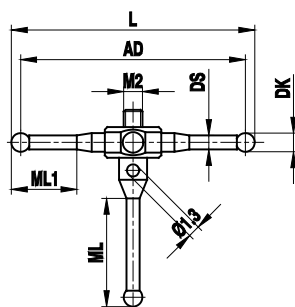
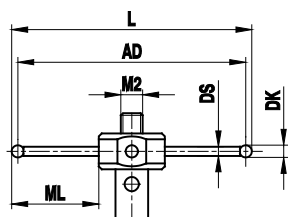
Thread M2
Material Stainless steel cube base and stems, ruby balls

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

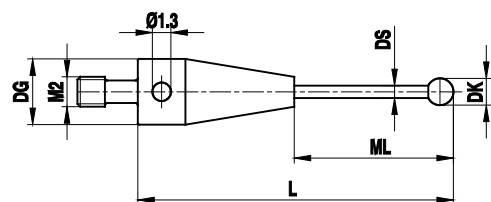
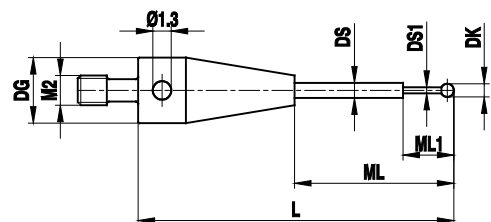


Styli for star configuration

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.

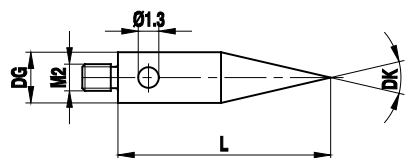


Styli pointer

Thread M2
Material Stainless steel base and stem

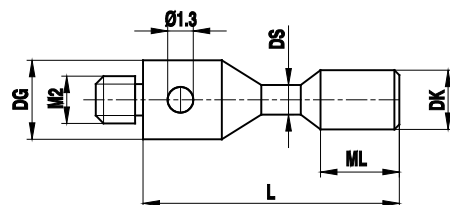
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	II M2 030 03 015			30°		3,0	15,0	3,0		0,7

Special designs on request.



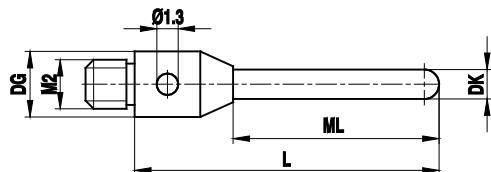
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZH M2 015 03 011			1,5	1,5	3,0	11,0	1,0		0,3
Material	Stainless steel base, carbide stems and cylinder	2	ZH M2 030 03 013			3,0	4,0	3,0	13,0	1,5		0,6

Special designs on request.



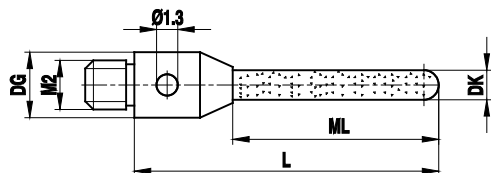
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZH M2 015 03 016			1,5	8,3	3,0	15,8			0,7
Material	Stainless steel base, carbide cylinder	2	ZH M2 020 03 016			2,0	8,5	3,0	16,0			0,8
		3	ZH M2 020 03 040			2,0	32,0	3,0	40,0			2,0
		4	ZH M2 020 03 A40			2,0	7,0	3,0	40,0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

Special designs on request.



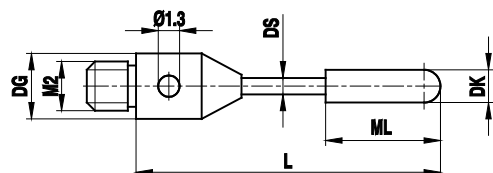
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZR M2 010 03 015			1,0	8,0	3,0	15,0			0,3
Material	Stainless steel base, ceramic cylinder	2	ZR M2 015 03 015			1,5	8,0	3,0	15,0			0,3

Special designs on request.



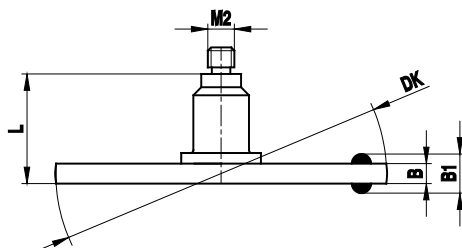
Cylinder styli		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	ZR M2 020 R3 020			2,0	7,0	3,0	20,0	1,5		0,5
Material	Stainless steel base, carbide stem, ruby cylinder	2	ZR M2 040 03 022			4,0	10,5	3,0	22,0	2,0		0,9

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.

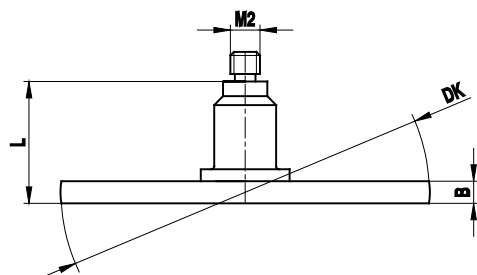


Spherical disk styli

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.

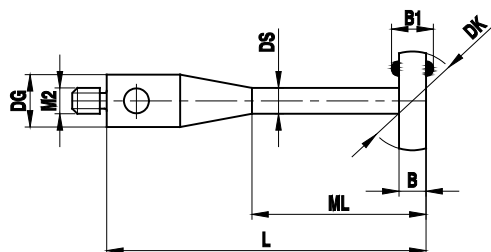


Spherical disk styli with two hemispherical balls

Thread M2
Material Stainless steel base and stem and disk

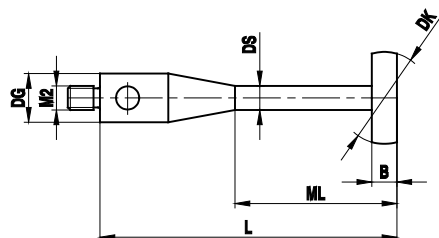
Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B1 B	Weight g
1	KR M2 060 03 010			6,0		3,0	10,5	2,0	2,0/1,2	0,6
2	KI M2 060 03 010			6,0	5,0	3,0	10,0	2,0	2,0/1,5	1,0

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

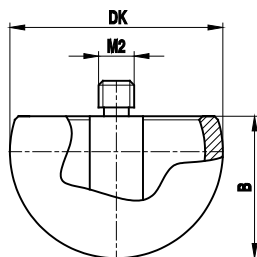


Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	KI M2 050 03 015			5,0	11,0	3,0	15,0	1,5	0,5	0,8
2	KI M2 060 03 010/0,8			6,0	6,0	3,0	10,0	2,0	0,8	0,8
3	KI M2 080 03 020			8,0	14,0	3,0	20,0	2,0	0,5	1,1
4	KI M2 100 03 020			10,0	14,0	3,0	20,0	2,0	0,5	1,2
5	KI M2 100 03 020/0,8			10,0	14,0	3,0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

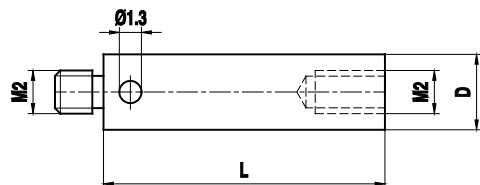
Thread M2
Material Stainless steel base, hollow ceramic hemisphere



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

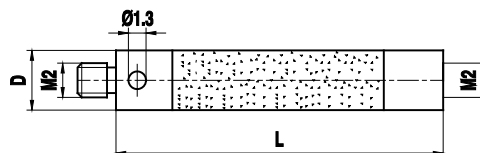
Special designs on request.

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



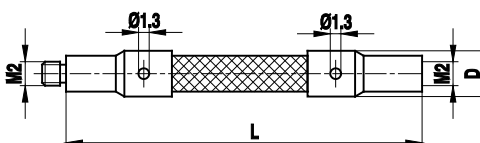
Special designs on request.

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.

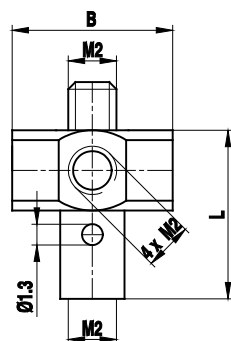
5-way styli holder, rotary

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.



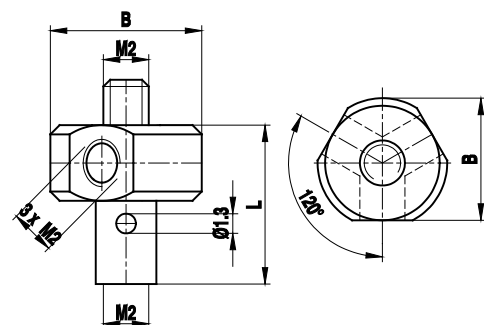
4-way styli holder

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

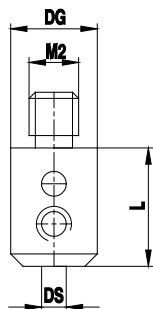
Material Stainless steel

Special designs on request.



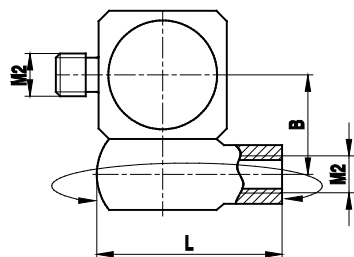
Styli holder		Pos.	itp Order No			DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
Thread	M2	1	KH M2 010 06 008					6,0	8,0	1,0		1,0
Material	Stainless steel	2	KH M2 015 06 008					6,0	8,0	1,5		1,0
		3	KH M2 020 06 008					6,0	8,0	2,0		1,0

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.

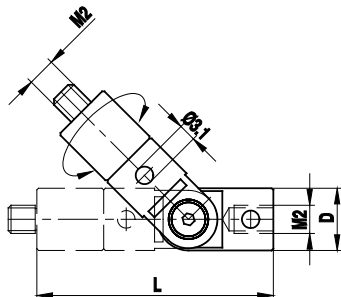


Rotary knuckle, slewing range 360°, swing range 180°

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.

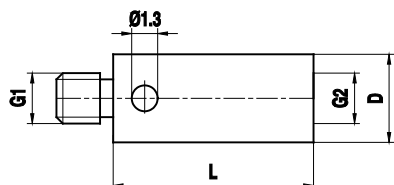


Adapter

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.

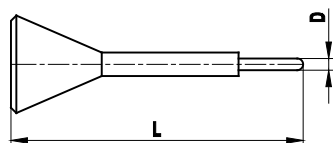


Wrench

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

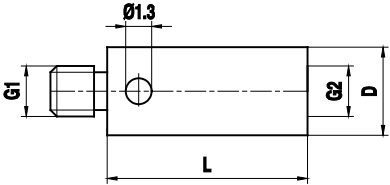
Special designs on request.



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

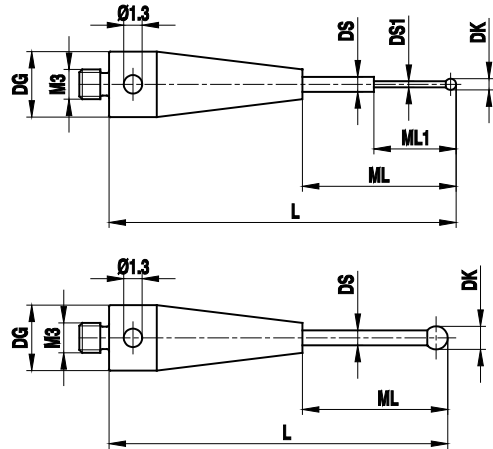
Material Stainless steel

Special designs on request.



Carbide styli

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



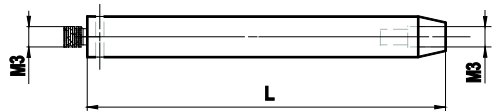
Pos.	itp Order No	analogue Heidenhain		DK	ML1 ML	DG D	L	DS1 DS	B	Weight g
1	TH M3 010 H4 021	T421		1,0	5,0/14,0	4,0	21,5	0,7/1,0		
2	TH M3 020 H4 022	T422		2,0	14,5	4,0	22,0	1,0		
3	TH M3 030 H4 022	T423		3,0	15,0	4,0	22,5	1,0		
4	TH M3 040 H4 023	T424		4,0	15,0	4,0	23,0	2,0		
5	TH M3 040 H4 042	T404		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.

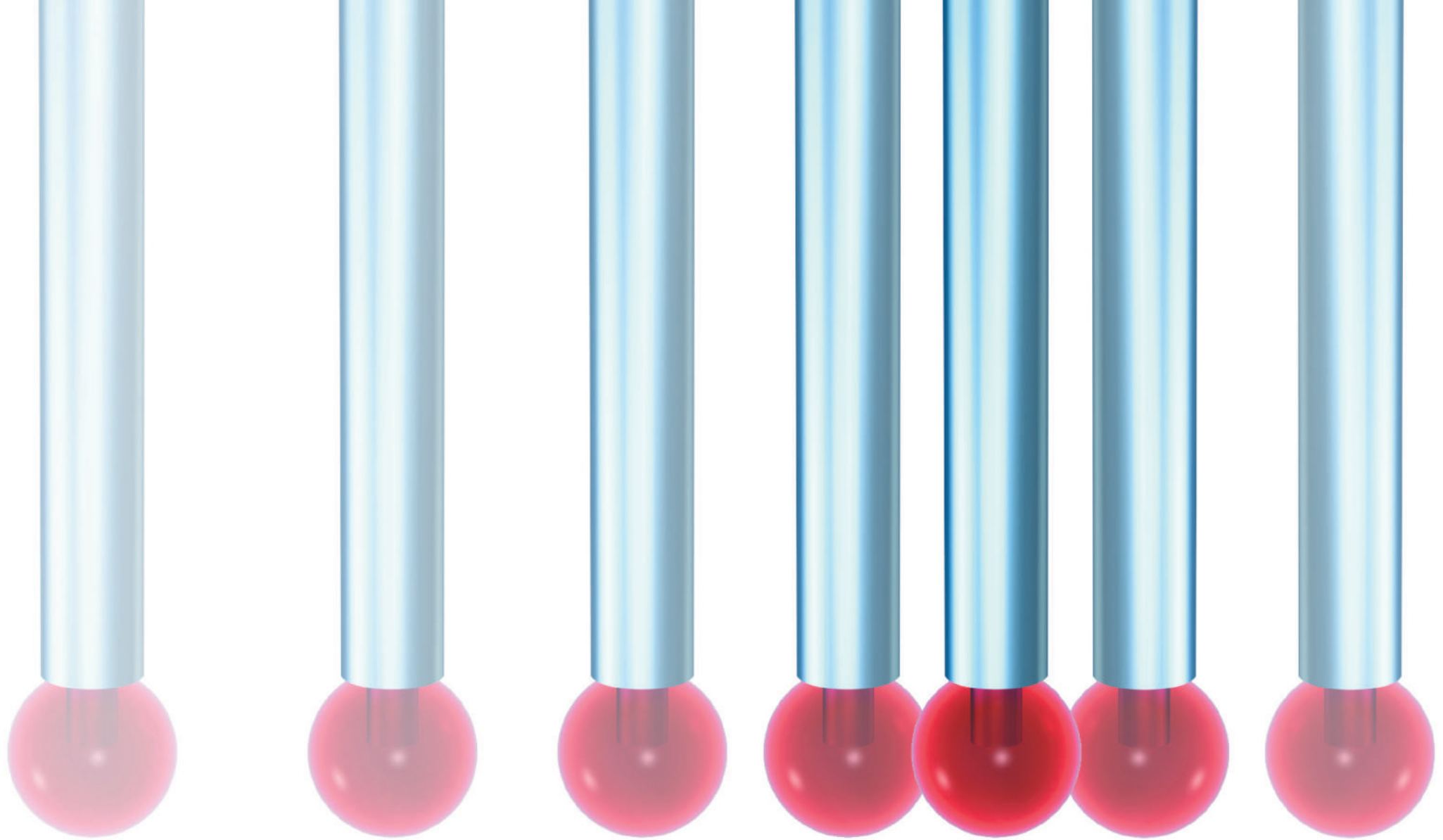
Extension

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.



福宮通商股份有限公司

總公司: 新北市 235 中和區連城路 258 號 3F-3
(遠東世紀廣場 I 棟)



Tel: 02-82271200 Fax: 02-82271266
Http:// www.fullbright.com.tw
E-mail: sales@fullbright.com.tw

台北	Tel: 02-82271227	Fax: 02-82271191
台中	Tel: 04-24736300	Fax: 04-24734733
高雄	Tel: 07-3430270	Fax: 07-3430296
昆山	Tel: 512-57751291	Fax: 512-57751293
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