PRODUCT GUIDE 2020

KINGHO
Machine&Electronic

CONTOUR STYLI

KNOW HOW

Typically, the designer of a component specifies a large number of shape and position tolerances in the design drawing, some of them can be checked with a contour measuring machine.

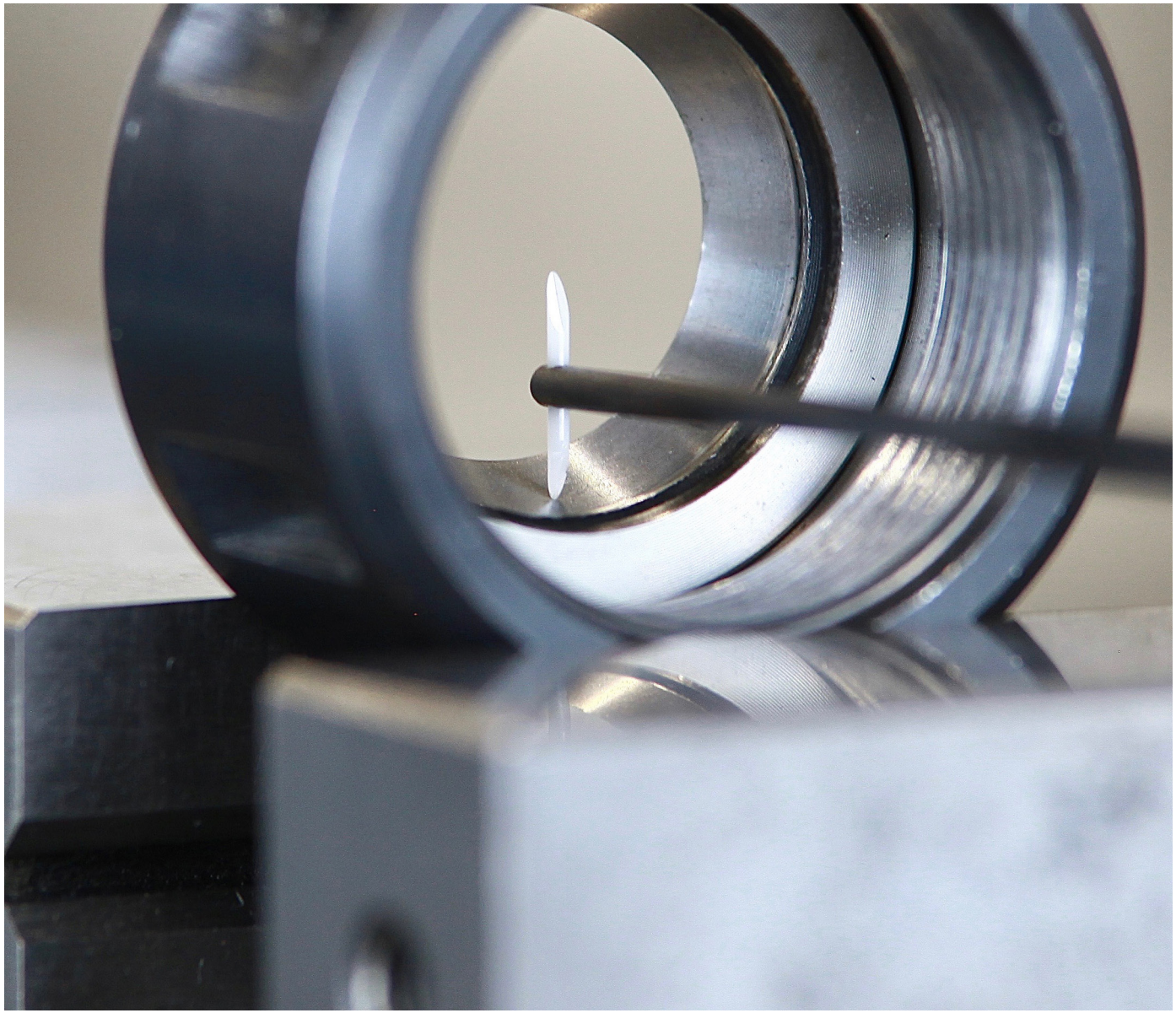
Contact on the workpiece takes place using a probe tip. In geometry, this has a defined, highly polished radius in the standard of 20µm or 25µm.

As material for the contour styli is usually a fine-grained hard metal used. At the same time, a ceramic probe tip is being used more and more often. The grain size of the ceramic tip is significantly smaller than that of the hard metal tip, which results in extremely high wear resistance. It also has a better hardness.

Another advantage is improved sliding properties and the property of being electrically non-conductive and non-magnetic.

The styli are compatible with the following systems:

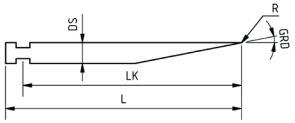
ConturMatic
Mahr
Jenoptik
Hommel
Accretech
Zeiss
Mitutoyo
Taylor Hobson



KINGHO
Machine&Electronic

CATALOG

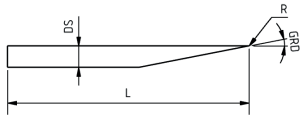
Contour Styli



Material: Carbide

Part-No.	L	LK	DS	R	GRD	weight/g	analogue
100.400	59	56,5	3,5	0,025	12°	7,000	Mahr
100.401	33	30,5	3,5	0,025	12°	4,000	Mahr
100.402	20,5	18	3,5	0,025	12°	2,500	Mahr
100.600	60	56	3	0,025	11°	4,500	Zeiss
100.601	34	30	3	0,025	11°	2,500	Zeiss
100.602	21	17	2	0,025	11°	1,000	Zeiss
100.800	50	46	3	0,025	11°	3,750	Mitutoyo
100.801	38	34	3	0,025	11°	2,900	Mitutoyo
100.802	28	24	3	0,025	11°	2,200	Mitutoyo
100.803	20	16	3	0,025	11°	1,500	Mitutoyo

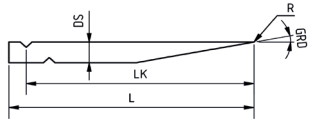
Contour Styli



Material: Carbide

Part-No.	L	LK	DS	R	GRD	weight/g	analogue
100.403	6		1	0,025	19°	0,700	Mahr

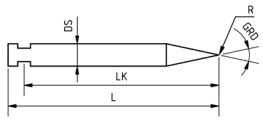
Contour Styli



Material: Carbide

Part-No.	L	LK	DS	R	GRD	weight/g	analogue
100.500	52	50,1	3	0,02	11°	3,900	Hommel
100.501	32	30,1	3	0,02	11°	2,300	Hommel
100.502	21	18,9	3	0,02	11°	1,500	Hommel
100.508	42	40,1	3	0,02	11°	3,000	Hommel

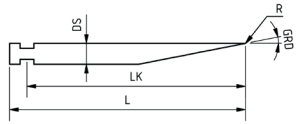
Contour Styli Cone



Material: Carbide

Part-No.	L	LK	DS	R	GRD	weight/g	analogue
100.406	59	56,5	3,5	0,025	24°	5,200	Mahr
100.407	33	30,5	3,5	0,025	24°	2,900	Mahr
100.408	20,5	18	3,5	0,025	24°	1,800	Mahr

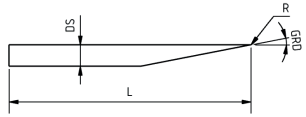
Contour Styli



Material: Ceramic

Part-No.	L	LK	DS	R	GRD	weight/g	analogue
100.400-CS	59	56,5	3,5	0,025	12°	3,000	Mahr
100.401-CS	33	30,5	3,5	0,025	12°	2,000	Mahr
100.402-CS	20,5	18	3,5	0,025	12°	1,000	Mahr
100.601-CS	34	30	3	0,025	11°	1,700	Zeiss
100.802-CS	28	24	3	0,025	11°	1,400	Mitutoyo
100.803-CS	20	16	3	0,025	11°	0,900	Mitutoyo

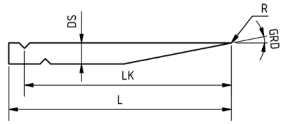
Contour Styli



Material: Ceramic

Part-No.	L	LK	DS	R	GRD	weight/g	analogue
100.403-CS	6		1	0,025	19°	0,300	Mahr
100.503-CS	6		1	0,025	20°	0,400	Hommel

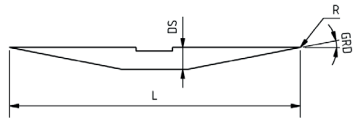
Contour Styli



Material: Ceramic

Part-No.	L	LK	DS	R	GRD	weight/g	analogue
100.501-CS	32	30,1	3	0,02	11°	1,400	Hommel
100.502-CS	21	18,9	3	0,02	11°	0,900	Hommel
100.508-CS	42	40,1	3	0,02	11°	1,800	Hommel

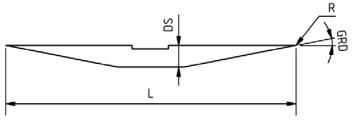
Double Contour Styli



Material: Carbide

Part-No.	L	DS	R	GRD	weight/g	analogue
100.911-D	33	2,5	0,025	12°	2,800	ConturoMatic
100.913-D	10	1	0,025	19°	0,900	ConturoMatic

Double Contour Styli



Material: Ceramic

Part-No.	L	DS	R	GRD	weight/g	analogue
100.911D-CS	33	2,5	0,025	12°	1,300	ConturoMatic
100.913D-CS	10	1	0,025	19°	0,400	ConturoMatic
100.933D-CS	18	1,5	0,025	14°	0,700	ConturoMatic

KINGHO Machine&Electronic