Axial probes, Ø 8 mm

	Article number	Description	Measuring range, mm	Bolt travel	Bolt retraction	Sealing bellow	Cable
	03210904	GT21	±1	4,3	Mechanical	Nitrile	Axial
	**03210924**	GT22	±1	4,3	Mechanical Vacuum	Nitrile	Radial
	03230057	GTL21	±2	4,3	Mechanical	Viton	Axial
	03230072	GTL211	±2	4,3	Mechanical Vacuum	Viton	Axial
	**03230056**	GTL22	±2	4,3	Mechanical Vacuum	Viton	Radial
	03230027	GT27	±2	10,3	Mechanical	Viton	Axial
	03230073	GT271	±2	10,3	Mechanical Vacuum	Viton	Axial
	**03230026**	GT28	±2	10,3	Mechanical Vacuum	Viton	Radial
	03230041	GT61	±5	10,3	Mechanical	Viton	Axial
	**03230042**	GT62	±5	10,3	Mechanical Vacuum	Viton	Radial
	03230036	GT21 HP	±0,2	4,3	Mechanical	Nitrile	Axial
	**03230021**	GT22 HP	±0,2	4,3	Mechanical Vacuum	Nitrile	Radial

Axial probes, Ø 8 mm, activation of the bolt by pneumatic pressure

	Article number	Description	Measuring range, mm	Bolt travel mm	Sealing bellow	Cable
	03230060	GTL212	±1,5	3,2	Viton	Axial
	03230067	GTL212-A	±1,5	3,2	Without	Axial
	**03230054**	GTL222	±1,5	3,2	Viton	Radial
	**03230063**	GTL222-A	±1,5	3,2	Without	Radial
	03230061	GT272	±2	10,3	Viton	Axial
	03230068	GT272-A	±2	10,3	Without	Axial
	**03230053**	GT282	±2	10,3	Viton	Radial
	**03230069**	GT282-A	±2	10,3	Without	Radial
	03230062	GT612	±5	10,3	Viton	Axial
	03230070	GT612-A	±5	10,3	Without	Axial
	**03230055**	GT622	±5	10,3	Viton	Radial
	**03230071**	GT622-A	±5	10,3	Without	Radial

Lever probe

	Article number	Description	Measuring range, mm	Bolt travel mm	Bolt retraction	Sealing bellow	Cable
	**03210802**	GT31	±0,3	0,7	Without	Without	Angled

DC lever probe

	Article number	Description	Measuring range, mm	Bolt travel mm	Bolt retraction	Sealing bellow	Cable
	**03230081**	GT31 DC	0.3	0,7	Without	Without	Angled

Measuring probes

Nominal measuring force, N	Mobile weight, g	Max. permissible error for deviations in linearity, µm, L in mm	Hysteresis µm	Repeatability µm	Protection
0,63	6	0,2 + 3xLxLxL	0,02	0,01	IP65
0,63	6	0,2 + 3xLxLxL	0,02	0,01	IP65
0,63	6	0,2 + 2,4xLxL 0,2 + 0,8xL (with TESA interface)	0,02	0,01	IP65
0,63	6	0,2 + 2,4xLxL 0,2 + 0,8xL (with TESA interface)	0,02	0,01	IP65
0,63	6	0,2 + 2,4xLxL 0,2 + 0,8xL (with TESA interface)	0,02	0,01	IP65
0,63	8	0,2 + 3xLxLxL	0,05	0,05	IP65
0,63	8	0,2 + 3xLxLxL	0,05	0,05	IP65
0,63	8	0,2 + 3xLxLxL	0,05	0,05	IP65
0,9	8	1 + 4xL 0,6 + 0,8xL (with TESA interface)	0,05	0,05	IP65
0,9	8	1 + 4xL 0,6 + 0,8xL (with TESA interface)	0,05	0,05	IP65
0,63	6	0,07 + 0,4xL	0,01	0,01	IP65
0,63	6	0,07 + 0,4xL	0,01	0,01	IP65

Nominal measuring force, N	Mobile weight, g	Max. permissible error for deviations in linearity, µm, L in mm	Hysteresis µm	Repeatability µm	Protection
1,2	6	0,2 + 2,4xLxL 0,2 + 0,8xL (with TESA interface)	0,02	0,015	IP65
0,2	6	0,2 + 2,4xLxL 0,2 + 0,8xL (with TESA interface)	0,02	0,015	IP50
1,2	6	0,2 + 2,4xLxL 0,2 + 0,8xL (with TESA interface)	0,02	0,015	IP65
0,2	6	0,2 + 2,4xLxL 0,2 + 0,8xL (with TESA interface)	0,02	0,015	IP50
1	8	0,2 + 3xLxLxL	0,05	0,05	IP65
0,85	8	0,2 + 3xLxLxL	0,05	0,05	IP50
1	8	0,2 + 3xLxLxL	0,05	0,05	IP65
0,85	8	0,2 + 3xLxLxL	0,05	0,05	IP50
2	8	1 + 4xL 0,6 + 0,8xL (with TESA interface)	0,05	0,05	IP65
1	8	1 + 4xL 0,6 + 0,8xL (with TESA interface)	0,05	0,05	IP50
2	8	1 + 4xL 0,6 + 0,8xL (with TESA interface)	0,05	0,05	IP65
1	8	1 + 4xL 0,6 + 0,8xL (with TESA interface)	0,05	0,05	IP50

Nominal measuring force, N	Mobile weight, g	Max. permissible error for deviations in linearity, µm, L in mm	Hysteresis µm	Repeatability µm	Protection
0,1	12	0,2 + 50xLxL	0,25	0,1	IP40

Nominal measuring force, N	Mobile weight, g	Max. permissible error µm, L in mm	Hysteresis µm	Repeatability µm	Protection
0,1	12	0,2 + 50xLxL		0,1	IP65

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