SC METROMAT SRL

Compartimentul Comercial: 505600 - Sacele - Piata Libertatii nr.2 - tel/fax: 0268 275 212; 0268 276 807 e-mail: sales@metromat.ro - comert@metromat.ro

Comparatoare cu scara bilaterala

Dial Indicator Series 1

Series 1

This is a compact, small diameter metric indicator that offers you the following benefits:
- It is ideal for use in applications where space is limited.
- Bezel ø 31mm, ø 36mm, ø 40mm



1913T-10



1003TB



1109S-10

Functions	Series 1 1003TB 1911TB-10	1913TB-10	1013SB-10 1109SB-10	1124SB
Balanced dial	●	●	●	
Continuous dial				●
Shockproof			●	
Jeweled bearing		●	●	

Optional accessories

No.	Description	Price €
21AAA352	Contact Element Ball Point, Ø4mm, Carbide, Metric	
101118	Contact Element Shell, R 2,5mm, Steel, Metric	
21AAA257	Contact Element Needle, Ø2mm, 18mm Lenght, Carbide, Metric	

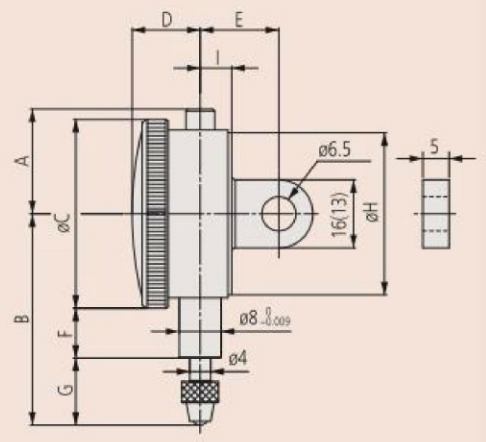
Consumable spares

No.	Description	Price €
21AZA319	Contact Element Ball Point, 8,3mm Length, Metric	
901312	Contact Element Ball Point, 7,3mm Length, Carbide, Metric	

901312 : for 1109S-10 / 1013S-10 / 1124S
21AZA319 : for 1913T-10 / 1911T-10 / 1003T-10

For accessories and contact points, see end of dial indicators section

mm



Metric

No.	No. with Lug back plate	Range [mm]	Range per rev.	Graduation	Scale	Measuring force [N]
1913TB-10	1913T-10	0,5	0,2 mm	0,002 mm	0-100-0	0,3 - 1,8
1109SB-10	1109S-10	1	0,2 mm	0,001 mm	0-100-0	0,4 - 1,5
1013SB-10	1013S-10	1	0,2 mm	0,002 mm	0-100-0	0,4 - 1,5
1911TB-10	1911T-10	2,5	1 mm	0,01 mm	0-50-0	0,3 - 1,8
1124SB	1124S	3,5	0,5 mm	0,005 mm	0-50 (50-0)	0,4 - 1,4
1003TB	1003T	4	1 mm	0,01 mm	0-50-0	0,3 - 1,4

No.	Mass lug/plain [g]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]
1913TB-10	50/46	15,5	39,4	31	12,5	19,4	15,2	8,9	30	6
1109SB-10	95/75	32,5	49	40	14,5	20	13,8	15,2	38	6,6
1013SB-10	95/75	32,5	49	40	14,5	20	13,8	15,2	38	6,6
1911TB-10	50/46	15,5	42	31	12,5	19,4	15,1	11,5	30	6
1124SB	90/70	32,5	46	40	14,5	20	13,8	12,2	38	6,6
1003TB	51/48	18	40,3	36	13	15	9,5	12,8	32	6

No.	DIN 878 (1983)			EN ISO 463					
				Errors of indication over a range of				Repeatability	Hysteresis error
	fe µm	fges µm	fu µm	Any 1/10 revolution µm	Any 1/2 revolution µm	Any 1 revolution µm	Range µm	µm	µm
1913TB-10	5	7	2	2,5	4,5	5	6	1	2,5
1109SB-10	4	6	2	2,5	4	4,5	5	1	2
1013SB-10	8	4	2	2,5	4	4,5	6	1	2
1911TB-10	10	13	3	6,5	10	11	13	3	3,5
1124SB	12	14	3	5	8	9	12	3	3
1003TB	12	13	3	6	9	10	14	3	3,5



1911T-10



1013S-10



1124S

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Products and specifications are subject to change without prior notice.