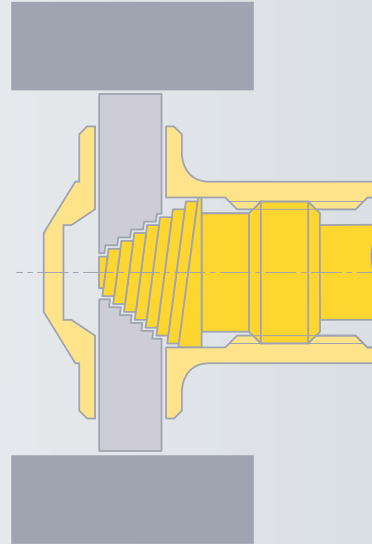
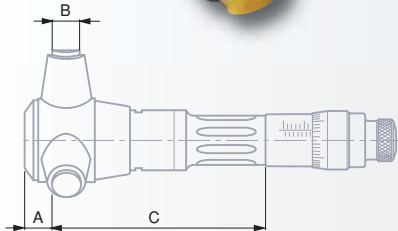


TESA IMICRO with Analogue Indication – Metric

Self-centring and self-aligning internal micrometers. Their high-precision thread machined into the measuring cone, combined with the measuring bolts specially arranged to provide 3-line contact, make them the only micrometers in the world that respect the ABBE principle. Measure depth, reliably.



DIN 863 T4
(Style C1)
NF E 11-099



Measuring
faces for
application

ranges from
3,5 to 12 mm:
hardened steel (HV30 770)
11 to 100 mm:
TiN hard-coating (HV5 2300)
100 to 300 mm:
carbide tipped (HV5 1300)



Application
ranges from
3,5 to 200 mm
in a shipping box
200 to 300 mm in a wooden
case with 1 extension of
150 mm (No. 00842600)



Identification
number



Inspection report
with a declaration
of conformity

No	Measuring faces for application		Measuring range		Application ranges		
	mm	mm	μm	μm	A mm	B mm	C mm
00813410	3,5 ÷ 4	0,001	4	4	2	1,5	20
00813411	4 ÷ 4,5	0,001	4	4	2	1,5	20
00813412	4,5 ÷ 5,5	0,001	4	4	2	1,5	25
00813413	5,5 ÷ 6,5	0,001	4	4	2	1,5	25
00810001	6 ÷ 8	0,001	4	4	2,5	2,5	52
00810002	8 ÷ 10	0,001	4	4	2,5	2,5	52
00810003	10 ÷ 12	0,001	4	4	2,5	2,5	52
00810801	11 ÷ 14	0,005	4	4	3,5	4	77
00810802	14 ÷ 17	0,005	4	4	3,5	4	77
00810803	17 ÷ 20	0,005	4	4	3,5	4	77
00811501	20 ÷ 25	0,005	4	4	7	7	78
00811502	25 ÷ 30	0,005	4	4	7	7	78
00811503	30 ÷ 35	0,005	4	4	7	7	78
00811504	35 ÷ 40	0,005	4	4	7	7	78
00812301	40 ÷ 50	0,005	5	5	11	12	84
00812302	50 ÷ 60	0,005	5	5	11	12	84
00812303	60 ÷ 70	0,005	5	5	11	12	84
00812304	70 ÷ 80	0,005	5	5	11	12	84
00812305	80 ÷ 90	0,005	5	5	11	12	84
00812306	90 ÷ 100	0,005	5	5	11	12	84
00812601	100 ÷ 125	0,01	6	6	26	18	81
00812602	125 ÷ 150	0,01	6	6	26	18	81
00812603	150 ÷ 175	0,01	7	7	26	18	81
00812604	175 ÷ 200	0,01	7	7	26	18	81
00813101	200 ÷ 225	0,01	8	8	26	18	81
00813102	225 ÷ 250	0,01	8	8	26	18	81
00813103	250 ÷ 275	0,01	8	8	26	18	81
00813104	275 ÷ 300	0,01	8	8	26	18	81

TESA IMICRO with Analogue Indication – Full Metric Sets



DIN 863 T4
(Style C1)
NF E 11-099



Measuring faces
on models from
3,5 to 12 mm:
hardened steel
11 to 100 mm: titanium
nitride (TiN) hard-coating
to HV5 2300.
100 to 200 mm: tungsten
carbide tipped to HV5 1300.



Additional
technical data:
see on the
previous page.
Setting rings on
page C-24.



Plastic case
or suitcase



Identification
number



Inspection report
with a declaration
of conformity

No			mm	No		mm	No		mm	No		mm
Full sets including			Single micrometers			Setting rings		Extensions				
00813409	BAE	3,5 ÷ 6,5		00813410	3,5 ÷ 4		00843200	4	–			
				00813411	4 ÷ 4,5		00843201	5,5				
				00813412	4,5 ÷ 5,5							
				00813413	5,5 ÷ 6,5							
00810000	BAF	6 ÷ 12		00810001	6 ÷ 8		00840101	8	00840001	100		
				00810002	8 ÷ 10		00840102	10				
				00810003	10 ÷ 12							
00810800	BAG	11 ÷ 20		00810801	11 ÷ 14		00840103	11	00840301	150		
				00810802	14 ÷ 17		00840105	17				
				00810803	17 ÷ 20							
00811500	BAH	20 ÷ 40		00811501	20 ÷ 25		00840106	25	00841100	150		
				00811502	25 ÷ 30		00840107	35				
				00811503	30 ÷ 35							
				00811504	35 ÷ 40							
00812300	BAJ	40 ÷ 100		00812301	40 ÷ 50		00840108	50	00841800	150		
				00812302	50 ÷ 60		00840109	70				
				00812303	60 ÷ 70		00840110	90				
				00812304	70 ÷ 80							
				00812305	80 ÷ 90							
				00812306	90 ÷ 100							
00812600	BAK	100 ÷ 200		00812601	100 ÷ 125		00840112	125	00842600	150		
				00812602	125 ÷ 150		00840113	175				
				00812603	150 ÷ 175							
				00812604	175 ÷ 200							

TESA IMICRO with Analogue Indication – Inch



DIN 863 T4
(Style C1)
NF E 11-099



Measuring faces
on models from
0.275 to 0.500 in:
hardened steel
0.50 to 4.0 in:
hardened steel
4 to 12 in:
tungsten carbide tipped



For additional-
technical data,
see page C-6.
Setting rings on
page C-24.



Single
micrometers in
a shipping box.
Full sets in a plastic case or
suitcase



Identification
number



Inspection report
with a declaration
of conformity



B&S



in



in

00880101	0.275 ÷ 0.350	0.0001
00880102	0.350 ÷ 0.425	0.0001
00880103	0.425 ÷ 0.500	0.0001
00880401	0.500 ÷ 0.600	0.0002
00880402	0.600 ÷ 0.700	0.0002
00880403	0.700 ÷ 0.800	0.0002
00881201	0.800 ÷ 1.0	0.0002
00881202	1.0 ÷ 1.2	0.0002
00881203	1.2 ÷ 1.4	0.0002
00881204	1.4 ÷ 1.6	0.0002
00881901	1.6 ÷ 2.0	0.0002
00881902	2.0 ÷ 2.4	0.0002
00881903	2.4 ÷ 2.8	0.0002
00881904	2.8 ÷ 3.2	0.0002
00881905	3.2 ÷ 3.6	0.0002
00881906	3.6 ÷ 4.0	0.0002
00882701	4 ÷ 5	0.0005
00882702	5 ÷ 6	0.0005
00882703	6 ÷ 7	0.0005
00882704	7 ÷ 8	0.0005
00883201	8 ÷ 9	0.0005
00883202	9 ÷ 10	0.0005
00883203	10 ÷ 11	0.0005
00883204	11 ÷ 12	0.0005



TESA



in



Single tool



Setting rings



in



Extensions



in

Full sets including			Single tool	Setting rings		Extensions	
00880100	BAFE	0.275 ÷ 0.500	00880101	00850101	0.35	00850001	4
			00880102	00850102	0.43		
			00880103				
00880400	BAGE	0.500 ÷ 0.800	00880401	00850103	0.50	00850301	6
			00880402	00850105	0.70		
			00880403				
00881200	BAHE	0.800 ÷ 1.6	00881201	00850106	1.0	00851100	6
			00881202	00850107	1.4		
			00881203				
			00881204				
00881900	BAJE	1.6 ÷ 4.0	00881901	00850108	2.0	00851800	6
			00881902	00850109	2.8		
			00881903	00850110	3.6		
			00881904				
			00881905				
			00881906				
00882700	BAKE	4 ÷ 8	00882701	00850112	5.0	00852600	6
			00882702	00850113	7.0		
			00882703				
			00882704				



DIN 863 T4
(Style C1)

Accessories for both TESA IMICRO and TESA IMICRO capa μ system

Extensions for Deep Hole Measurement



No	mm		No	in	
	mm	mm		in	in
00840001	6 ÷ 12	100	00850001	0.275 ÷ 0.50	4
00840301	11 ÷ 20	150	00850301	0.50 ÷ 0.80	6
00840302		500	00850302		20
00841100	20 ÷ 40	150	00851100	0.80 ÷ 1.6	6
00841101		500	00851101		20
00841102		1000	00851102		40
00841800	40 ÷ 100	150	00851800	1.6 ÷ 4.0	6
00841801		500	00851801		20
00841802		1000	00851802		40
00842600	100 ÷ 300	150	00852600	4.0 ÷ 12.0	6
00842601		500	00852601		20
00842602		1000	00852602		40



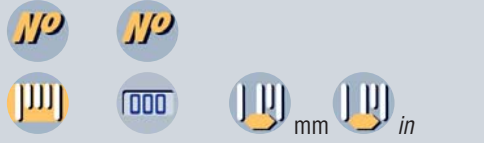
Centring Devices for TESA IMICRO



No	mm
00860001	40 ÷ 100
00862601	100 ÷ 200

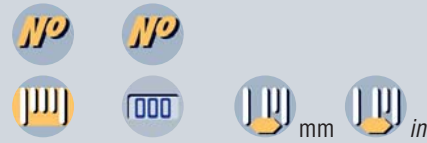


Moulded Cases for Single Micrometers, Full Sets and Partial Sets



Single micrometers

-	06160002	3,5 ÷ 6,5	0.1377 ÷ 0.2559
-	06160002	6 ÷ 12	0.275 ÷ 0.50
00860007	06160002	11 ÷ 20	0.50 ÷ 0.80
00860011	06160002	20 ÷ 40	0.80 ÷ 1.60
00860015	06160003	40 ÷ 70	1.60 ÷ 2.80
00860016	06160003	70 ÷ 100	2.80 ÷ 4.0
00863013	00863013	100 ÷ 150	4.0 ÷ 6.0
00863014	00863014	150 ÷ 200	6.0 ÷ 8.0
00863016	00863016	200 ÷ 300	8.0 ÷ 12.0

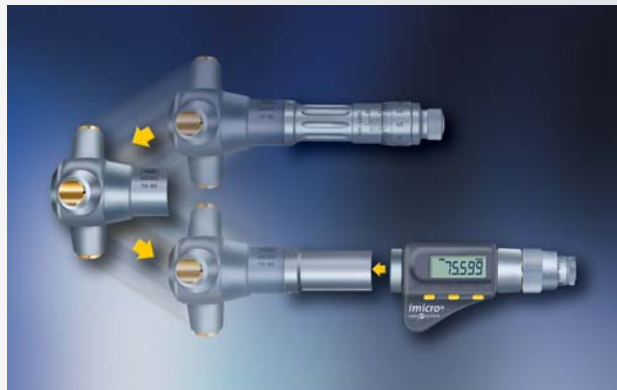


Micrometer Full and partial sets

00863035	06160006	3,5 ÷ 6,5	0.1377 ÷ 0.2559
00863005	06160005	6 ÷ 12	0.275 ÷ 0.500
00860008	06160005	11 ÷ 20	0.500 ÷ 0.800
00860012	06160006	20 ÷ 40	0.800 ÷ 1.60
00860017	06160007	40 ÷ 100	1.60 ÷ 4.0
00863017	00863017	100 ÷ 200	4.0 ÷ 8.0

IMICRO Adapter

Every TESA IMICRO (SM versions or models with analogue indication) can easily be updated by means of the adapter used for coupling the measuring head with the new capa μ system measuring element.



No	No	mm
Capa μ system element	Adapter	Application range
06130011		6 ÷ 100
	06140048	6 ÷ 12
	06140049	11 ÷ 20
	06140050	20 ÷ 40
	06140051	40 ÷ 100

Note: To ensure the accuracy, the micrometer needs to be recalibrated.



NF E 11-099.
Type 1
for models
6 to 10 mm or type 2 for
all other models

Measuring inserts
for application
range
6 to 10 mm: steel,
hardened to HV30 550.
10 to 300 mm:
tungsten carbide tipped to
HRC \geq 70.

Wooden case

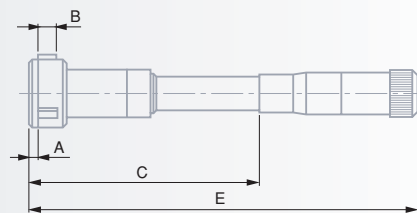
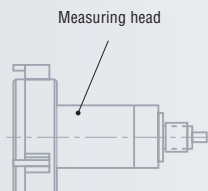
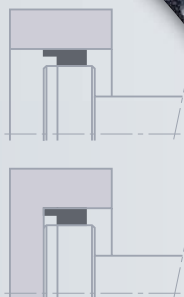
Identification
number

Declaration
of conformity

Calibration
certificate
upon request

ROCH ALESOMETER with Analogue Indication, Metric

Bore gauges with 3-line contact. All ROCH ALESOMETER let you measure not only through bores, but also blind bores as well as centring shoulders, except for the models covering the application range 6 to 10 mm.



Single Bore Gauges, Complete

No								
					mm	mm	μ m	A mm*
0081725001	6 ÷ 8	0,001	4		1,2	3	54,5	107
0081725003	8 ÷ 10	0,001	4		1,2	3	54,5	107
0081725006	10 ÷ 12,5	0,001	4		0,3	6,5	64,5	117
0081725008	12,5 ÷ 15	0,001	4		0,3	6,5	64,5	117
0081725010	15 ÷ 17,5	0,001	4		0,3	6,8	64,5	117
0081725012	17,5 ÷ 20	0,001	4		0,3	6,8	64,5	117
0081725014	20 ÷ 25	0,001	4		0,3	8,5	70	122,5
0081725016	25 ÷ 30	0,001	4		0,3	8,5	70	122,5
0081725018	30 ÷ 35	0,001	4		0,3	8,5	70	122,5
0081725020	35 ÷ 40	0,001	4		0,3	8,5	70	122,5
0081725022	40 ÷ 50	0,001	4		0,3	14,5	108,7	188,7
0081725024	50 ÷ 60	0,001	5		0,3	14,5	108,7	188,7
0081725026	60 ÷ 70	0,001	5		0,3	14,5	108,7	188,7
0081725028	70 ÷ 85	0,001	5		0,3	14,5	126,7	206,7
0081725030	85 ÷ 100	0,001	5		0,3	14,5	126,7	206,7
0081725032	100 ÷ 125	0,01	7		0,3	30	153,7	233,5
0081725034	125 ÷ 150	0,01	7		0,3	30	153,7	233,5
0081725036	150 ÷ 175	0,01	8		0,3	30	153,7	233,5
0081725038	175 ÷ 200	0,01	8		0,3	30	153,7	233,5
0081725040	200 ÷ 225	0,01	9		0,3	30	153,7	233,5
0081725042	225 ÷ 250	0,01	9		0,3	30	153,7	233,5
0081725044	250 ÷ 275	0,01	9		0,3	30	153,7	233,5
0081725046	275 ÷ 300	0,01	9		0,3	30	153,7	233,5

* Not applicable for models from 10 mm since the measuring inserts are close to the micrometer front face.



ROCH ALESOMETER with Analogue Indication – Full Metric Sets



NF E 11-099.
Type 1
for models
6 to 10 mm or type 2 for
all other models

Measuring inserts
for application
range
6 to 10 mm: steel,
hardened to HV30 550.
10 to 300 mm:
tungsten carbide tipped to
HRC ≥ 70.

For any additional
data, see on
previous page

Wooden case

Identification
number

Declaration
of conformity

Calibration
certificate
upon request

No	mm	No	mm	No	mm	No	mm
Full sets including		Single bore gauges		Setting rings	Extensions		
0081725063	6 ÷ 10	0081725001	6 ÷ 8	0211625101	8	0081625081	100
		0081725003	8 ÷ 10				
0081725066	10 ÷ 20	0081725006	10 ÷ 12,5	0211625102	12,5	0081625082	100
		0081725008	12,5 ÷ 15	0211625103	17,5		
		0081725010	15 ÷ 17,5				
		0081725012	17,5 ÷ 20				
0081725068	20 ÷ 40	0081725014	20 ÷ 25	0211625104	25	0081625083	150
		0081725016	25 ÷ 30	0211625105	35		
		0081725018	30 ÷ 35				
		0081725020	35 ÷ 40				
0081725070	40 ÷ 100	0081725022	40 ÷ 50	0211625106	45	0081625084	150
		0081725024	50 ÷ 60	0211625107	60		
		0081725026	60 ÷ 70	0211625109	85		
		0081725028	70 ÷ 85				
		0081725030	85 ÷ 100				
0081725072	100 ÷ 150	0081725032	100 ÷ 125	0211625111	125	0081625085	200
		0081725034	125 ÷ 150				

Extensions



Hardened steel.
Insulated body
against hand
warmth

Identification
number

Declaration
of conformity

Setting rings



NF E 11-011,
type A2

Steel, hardened
to 60 HRC

Bore related
tolerance
 $\pm (3 \mu\text{m} + 10 \cdot 10^{-6} D) \mu\text{m}$

D = Nominal
diameter in mm
 $(1 \mu\text{m} + 5 \cdot 10^{-6} D) \mu\text{m}$

Shipping box

Identification
number

Calibration
certificate
upon request

Extensions for Depth Increase

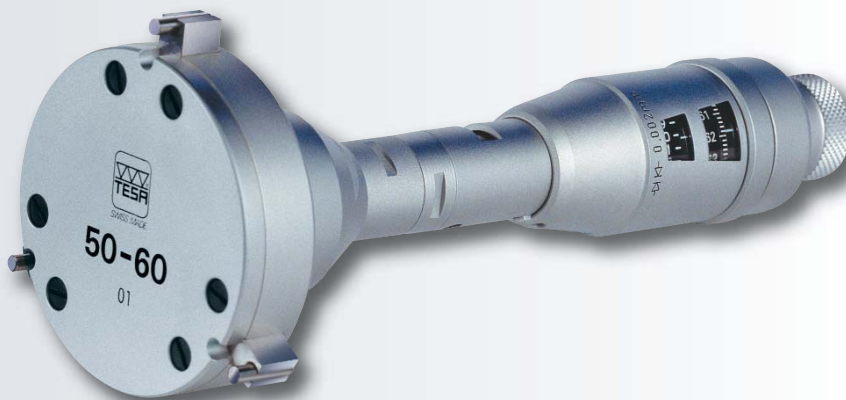
No	mm	mm
0081625081	6 ÷ 10	100
0081625082	10 ÷ 20	100
0081625083	20 ÷ 40	150
0081625084	40 ÷ 100	150
0081625085	100 ÷ 300	200

ROCH Setting Rings

No	mm	No	mm
0211625101	8	0211625110	90
0211625102	12,5	0211625111	125
0211625103	17,5	0211625112	150
0211625104	25	0211625113	175
0211625105	35	0211625114	200
0211625106	45	0211625115	225
0211625107	60	0211625116	250
0211625108	75	0211625117	275
0211625109	85		

TESA TRI-O-BOR

Self-centring and self-aligning internal micrometers with 3-line contact with the part being inspected. These micrometers measure trough holes, blind bores and short centring shoulders.



DIN 863 T4
(Style C2)
NF E 11-099

0,002 mm
or 0.0002 in

0,01 mm
or 0.001 in

Tungsten carbide
tipped measuring
bolts and cone

Supplied
with 1 heat
insulating
sleeve (No. 00940020),
2 keys (No. 00940001),
1 screwdriver
(No. 00862801)

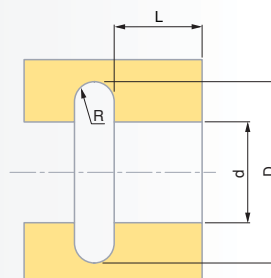
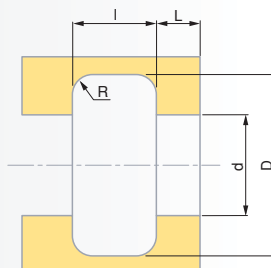
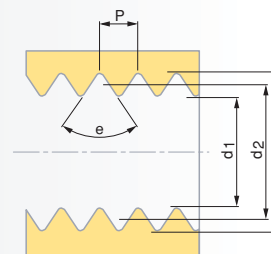
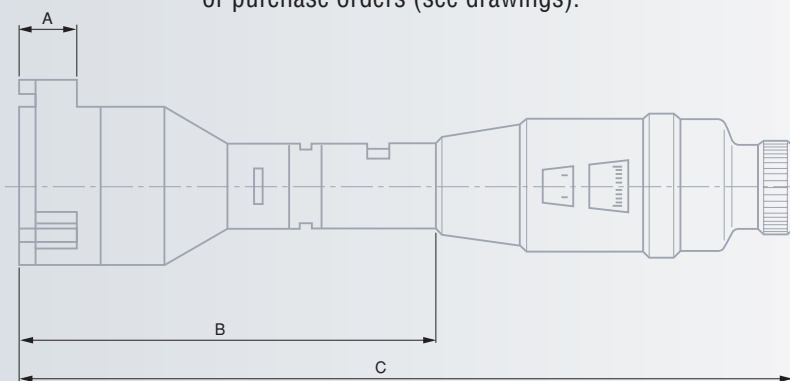
Shipping box

Identification
number

Inspection report
with a declaration
of conformity

Measuring Bolts with Special Design

Used for ISO metric threads (M16 x 0,5 to M150 x 6), UN, UNC or UNF unified imperial threads (60°) and Whitworth threads (55°). Measuring bolts with special profiles can also be made available. Both the size and type of the thread or the workpiece to be measured must be specified in your inquiries or purchase orders (see drawings).



TESA	mm	B&S	in	µm	µm	A mm	B mm	C mm
00910005	15 ÷ 20	00982000	0.60 ÷ 0.80	4	4	6	≥ 66	≤ 132
00910006	20 ÷ 25	00982001	0.80 ÷ 1.0	4	4	6	≥ 66	≤ 132
00910007	25 ÷ 30	00982002	1.0 ÷ 1.2	4	4	6	≥ 66	≤ 132
00910405	30 ÷ 40	00982003	1.2 ÷ 1.6	4	4	10	≥ 70	≤ 138
00910406	40 ÷ 50	00982004	1.6 ÷ 2.0	4	4	10	≥ 70	≤ 138
00910407	50 ÷ 60	00982005	2.0 ÷ 2.4	5	5	10	≥ 70	≤ 138
00910705	60 ÷ 70	00982006	2.4 ÷ 2.8	5	5	18	≥ 78	≤ 147
00910706	70 ÷ 80	00982007	2.8 ÷ 3.2	5	5	18	≥ 78	≤ 147
00910707	80 ÷ 90	00982008	3.2 ÷ 3.6	5	5	18	≥ 78	≤ 147
00911105	90 ÷ 100	00982009	3.6 ÷ 4.0	5	5	18	≥ 78	≤ 147
00911106	100 ÷ 110	00982010	4.0 ÷ 4.4	6	6	18	≥ 78	≤ 147
00911107	110 ÷ 120	00982011	4.4 ÷ 4.8	6	6	18	≥ 78	≤ 147

TESA TRI-O-BOR Partial Sets



For technical data, see on previous page.
For setting rings, report to page C-24.



Supplied with 1 extension for depth increase (150 mm) No. 00940000, 1 heat insulating sleeve No. 00940020, 2 keys No. 00940001, 1 screwdriver No. 00862801



Protective case or carrying case



Inspection report with a declaration of conformity

Metric Executions

TESA	mm			mm		mm		mm
Partial sets including		Measuring element	Measuring heads, complete					Setting rings
00910302	15 ÷ 30	00910201	00910101 00910102 00910103	15 ÷ 20 20 ÷ 25 25 ÷ 30				00840104 15 00840106 25
00910602	30 ÷ 60	00910201	00910501 00910502 00910503	30 ÷ 40 40 ÷ 50 50 ÷ 60				00840107 35 00840108 50
Partial sets including		Measuring element	Measuring heads	Measuring bolts				Setting rings
00910902	60 ÷ 90	00910802	00910801	60 ÷ 90	00911001 00911002 00911003	60 ÷ 70 70 ÷ 80 80 ÷ 90		00840109 70 00840110 90
00911302	90 ÷ 120	00910802	00911201	90 ÷ 120	00911401 00911402 00911403	90 ÷ 100 100 ÷ 110 110 ÷ 120		00840110 90 00840111 110

Inch Executions

B&S	in			in		in		in
Partial sets including		Measuring element	Measuring heads, complete		Measuring bolts			Setting rings
00980301	0.60 ÷ 1.2	00980200	00980101 00980102 00980103	0.60 ÷ 0.80 0.60 ÷ 1.0 1.0 ÷ 1.2				00850104 0.60 00850106 1.0
00980601	1.2 ÷ 2.4	00980200	00980501 00980502 00980503	1.2 ÷ 1.6 1.6 ÷ 2.0 2.0 ÷ 2.4				00850107 1.4 00850108 2.0
00980901	2.4 ÷ 3.6	00980800	00980801	2.4 ÷ 3.6	00931001 00931002 00931003	2.4 ÷ 2.8 2.8 ÷ 3.2 3.2 ÷ 3.6		00850109 2.8 00850110 3.6
00981301	3.6 ÷ 4.8	00980800	00981201	3.6 ÷ 4.8	00931401 00931402 00931403	3.6 ÷ 4.0 4.0 ÷ 4.4 4.4 ÷ 4.8		00850110 3.6 00850111 4.4

TESA TRI-O-BOR Full Sets



For technical data, see on previous page.

For setting rings, report to page C-24.

Supplied with 1 extension for depth increase (150 mm) No. 00940000, 1 heat insulating sleeve No. 00940020, 2 keys No. 00940001, 1 screwdriver No. 00862801

Protective case or carrying case

Inspection report with a declaration of conformity



Metric Executions

No		mm		mm		mm		mm	
Full sets including		Single micrometers		Setting rings		Extensions			
00910004	BSC	15 ÷ 30	00910005	15 ÷ 20	00840104	15	00940000	150	
			00910006	20 ÷ 25	00840105	25			
			00910007	25 ÷ 30					
00910404	BSD	30 ÷ 60	00910405	30 ÷ 40	00840107	35	00940000	150	
			00910406	40 ÷ 50	00840108	50			
			00910407	50 ÷ 60					
00910704	BSF	60 ÷ 90	00910705	60 ÷ 70	00840109	70	00940000	150	
			00910706	70 ÷ 80	00840110	90			
			00910707	80 ÷ 90					
00911104	BSG	90 ÷ 120	00911105	90 ÷ 100	00840110	90	00940000	150	
			00911106	100 ÷ 110	00840111	110			
			00911107	110 ÷ 120					



Inch Executions

No		in		in		in		in	
Full sets including		Single micrometers		Setting rings		Extensions			
00980000	BSCE	0.60 ÷ 1.2	00982000	0.60 ÷ 0.80	00850104	0.60	00940000	4	
			00982001	0.80 ÷ 1.0	00850106	1.0			
			00982002	1.0 ÷ 1.2					
00980400	BSDE	1.2 ÷ 2.4	00982003	1.2 ÷ 1.6	00850107	1.4	00940000	4	
			00982004	1.6 ÷ 2.0	00850108	2.0			
			00982005	2.0 ÷ 2.4					
00980700	BSFE	2.4 ÷ 3.6	00982006	2.4 ÷ 2.8	00850109	2.8	00940000	4	
			00982007	2.8 ÷ 3.2	00850110	3.6			
			00982008	3.2 ÷ 3.6					
00981100	BSGE	3.6 ÷ 4.8	00982009	3.6 ÷ 4.0	00850110	3.6	00940000	4	
			00982010	4.0 ÷ 4.4	00850111	4.4			
			00982011	4.4 ÷ 4.8					

TESA TRI-O-BOR Accessories






Extension for Depth Increase



	
00940000	150

Protective Cases or Plastic Carrying Cases for TESA TRI-O-BOR



			 mm	 in
Single micrometers	Partial sets	Full sets		
00960023	00960024	00960024	15 ÷ 30	0.6 ÷ 1.2
00960025	00960026	00960026	30 ÷ 60	1.2 ÷ 2.4
00960027	00960028	00960028	60 ÷ 90	2.4 ÷ 3.6
00960004	00960004	00960008	90 ÷ 120	3.6 ÷ 4.8

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Made to check through holes, blind bores and short centring shoulders. All models covering the application ranges up to 100 mm have sloped bolts extending beyond the front face of the measuring head.



Models from 10 to 100 mm: DIN 863 T4 (Style C2) NF E 11-099

Models from 5 to 100 mm: 0,002 mm or 0.0001 in. Models with vernier reading 100 to 300 mm: 0,01 mm or 0.001 in

Measuring bolts on models from 5 to 100 mm: hardened steel. 100 to 300 mm: tungsten carbide tipped

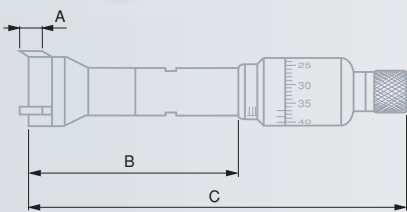
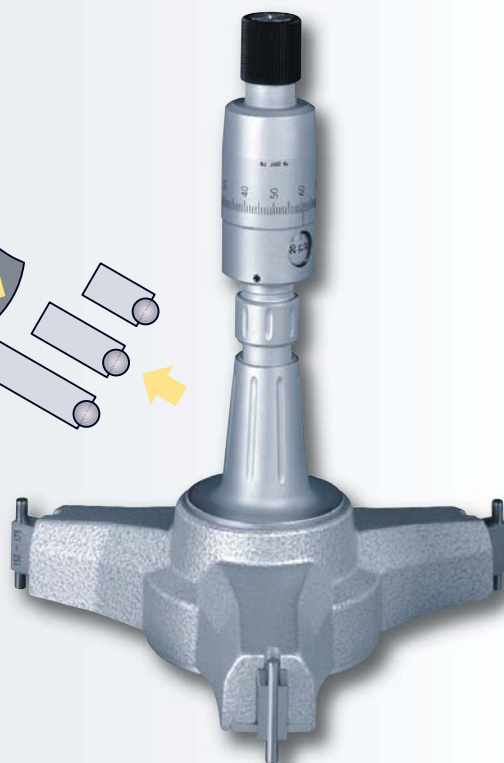
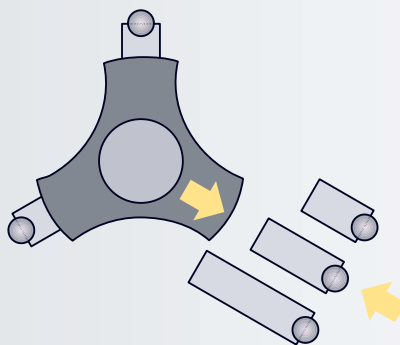
Max. perm. error for models covering the application ranges from 5 to 40 mm / 0.188 to 1.604 in = 3 µm
40 to 100 mm / 1.394 to 4.005 in = 4 µm
100 to 300 mm / 4 to 6 in = 5 µm

Repeatability limit for models covering the application ranges from 5 to 40 mm / 0.188 to 1.604 in = 3 µm
40 to 100 mm / 1.394 to 4.005 in = 4 µm
100 to 300 mm / 4 to 6 in = 5 µm

Protective case or carrying case

Identification number

Inspection report with a declaration of conformity



No	mm		in		No	A mm	B mm	C mm
	mm	in	mm	in				
078112356	5 ÷ 6	078112374	0.188 ÷ 0.238	2 x 180°	3	≥ 32	≤ 109	
078112357	6 ÷ 7	078112375	0.233 ÷ 0.278	2 x 180°	3	≥ 33	≤ 111	
078112358	7 ÷ 8,5	078112376	0.272 ÷ 0.338	2 x 180°	4	≥ 60	≤ 130	
078112359	8,5 ÷ 10	078112377	0.332 ÷ 0.402	2 x 180°	4	≥ 72	≤ 133	
078112360	10 ÷ 12,5	078112378	0.396 ÷ 0.502	3 x 120°	3	≥ 60	≤ 118	
078112361	12,5 ÷ 15	078112379	0.496 ÷ 0.602	3 x 120°	3	≥ 63	≤ 120	
078112362	15 ÷ 17,5	078112380	0.596 ÷ 0.704	3 x 120°	3	≥ 65	≤ 122	
078112363	17,5 ÷ 20	078112381	0.696 ÷ 0.804	3 x 120°	3	≥ 68	≤ 125	
078112364	20 ÷ 25	078112382	0.794 ÷ 1.004	90°-135°-135°	7	≥ 75	≤ 132	
078112365	25 ÷ 30	078112383	0.994 ÷ 1.204	90°-135°-135°	7	≥ 80	≤ 138	
078112366	30 ÷ 35	078112384	1.194 ÷ 1.404	90°-135°-135°	7	≥ 90	≤ 142	
078112367	35 ÷ 40	078112385	1.394 ÷ 1.604	90°-135°-135°	7	≥ 90	≤ 148	
078112368	40 ÷ 45	078112386	1.595 ÷ 1.805	90°-135°-135°	10,5	≥ 110	≤ 167	
078112369	45 ÷ 50	078112387	1.795 ÷ 2.005	90°-135°-135°	10,5	≥ 113	≤ 170	
078112370	50 ÷ 60	078112388	1.995 ÷ 2.405	90°-135°-135°	15	≥ 123	≤ 187	
078112371	60 ÷ 70	078112389	2.395 ÷ 2.805	90°-135°-135°	15	≥ 130	≤ 193	
078112372	70 ÷ 85	078112390	2.795 ÷ 3.405	90°-135°-135°	15	≥ 145	≤ 213	
078112373	85 ÷ 100	078112391	3.395 ÷ 4.005	90°-135°-135°	15	≥ 155	≤ 224	
078110733	100 ÷ 125	078111174	4 ÷ 5	3 x 120°	27	≥ 105	≤ 194	
078110735	125 ÷ 150	078111176	5 ÷ 6	3 x 120°	27	≥ 105	≤ 194	
078110737	150 ÷ 175			3 x 120°	27	≥ 105	≤ 194	
078110739	175 ÷ 200			3 x 120°	27	≥ 105	≤ 194	
078110741	200 ÷ 225			3 x 120°	27	≥ 105	≤ 194	
078110743	225 ÷ 250			3 x 120°	27	≥ 105	≤ 194	
078110745	250 ÷ 275			3 x 120°	27	≥ 105	≤ 194	
078110747	275 ÷ 300			3 x 120°	27	≥ 105	≤ 194	



ETALON INTALOMETER 531

Metric Tool Sets



For technical data, see page C-21. For setting rings, report to page C-24.

Protective case or carrying case

Inspection report with a declaration of conformity



<i>Full sets including</i>		<i>Single micrometers</i>		<i>Extensions</i>		<i>Setting rings</i>	
078110592	5 ÷ 10	078112356	5 ÷ 6	078103613	100	00840114	6
		078112357	6 ÷ 7			00840115	8,5
		078112358	7 ÷ 8,5				
		078112359	8,5 ÷ 10				
078110594	10 ÷ 20	078112360	10 ÷ 12,5	078103621	150	00840116	12,5
		078112361	12,5 ÷ 15			00840117	17,5
		078112362	15 ÷ 17,5				
		078112363	17,5 ÷ 20				
078110596	20 ÷ 40	078112364	20 ÷ 25	078103624	150	00840106	25
		078112365	25 ÷ 30			00840107	35
		078112366	30 ÷ 35				
		078112367	35 ÷ 40				
078110598	40 ÷ 100	078112368	40 ÷ 45	078104940	150	00843230	45
		078112369	45 ÷ 50			00843239	60
		078112370	50 ÷ 60			00840118	85
		078112371	60 ÷ 70				
		078112372	70 ÷ 85				
		078112373	85 ÷ 100				
<i>Partial sets including</i>		<i>Single micrometers</i>	<i>Measuring bolts</i>		<i>Extensions</i>		
078110749	100 ÷ 150	078110733	078111003*	100 ÷ 125	078104940	150	
			078111004	125 ÷ 150			
078110751	150 ÷ 300	078110737	078111005*	150 ÷ 175	078104940	150	
			078111006	175 ÷ 200			
			078111007	200 ÷ 225			
			078111008	225 ÷ 250			
			078111009	250 ÷ 275			
			078111010	275 ÷ 300			

* Bolt set provided with either of both single micrometers No. 078110733 and 078110737.

ETALON INTALOMETRE 531

Inch Tool Sets



 For technical data, see page C-21. For setting rings, report to page C-24.

 Protective case or carrying case

 Inspection report with a declaration of conformity



Full sets including		Single micrometers		Extensions	Setting rings		
078110600	0.188 ÷ 0.402	078112374	0.188 ÷ 0.238	078103613	100	00850100	0.200
		078112375	0.233 ÷ 0.278			00850114	0.250
		078112376	0.272 ÷ 0.388			00850115	0.300
		078112377	0.332 ÷ 0.402			00850101	0.350
078110602	0.396 ÷ 0.804	078112378	0.396 ÷ 0.502	078103621	150	00850103	0.500
		078112379	0.496 ÷ 0.602			00850105	0.700
		078112380	0.596 ÷ 0.704				
		078112381	0.696 ÷ 0.804				
078110604	0.794 ÷ 1.604	078112382	0.794 ÷ 1.004	078103624	150	00850106	1.000
		078112383	0.994 ÷ 1.204			00850107	1.400
		078112384	1.194 ÷ 1.404				
		078112385	1.394 ÷ 1.604				
078110606	1.595 ÷ 4.005	078112386	1.595 ÷ 1.805	078104940	150	00850116	1.800
		078112387	1.795 ÷ 2.005			00850118	2.400
		078112388	1.995 ÷ 2.405			00850117	3.400
		078112389	2.395 ÷ 2.805				
		078112390	2.795 ÷ 3.405				
		078112391	3.395 ÷ 4.005				
Partial sets including		Single micrometers	Measuring bolts	Extensions			
078111179	4 ÷ 6	078111174	078111011*	4 ÷ 5	078104940	150	
			078111012	5 ÷ 6			

* Bolt set provided with the single micrometer No. 078111174