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HELIOS • PREISSER

0741 Universal comparator gauge UHRTAST



 Marked * = excess length/excess weight

 Marked * = includes a F.O.C. calibration certificate, traceable to national standards

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0741 Comparator gauge UHRTAST



Model

- Comparator gauge for external and internal measurements for checking workpieces and setting of machines
- Versatile in use due to wide range of probes and inserts
- Measuring range up to 2000 mm by using optional extensions
- Without indicator
- The direction of the measuring force can be switched, the gauge can be used for external and internal measurements

- The adjustment can be conducted with a setting gauge, a combination of gauge blocks, setting ring or a micrometer
- The measuring range of the moveable measuring arm is 18 m

Delivery

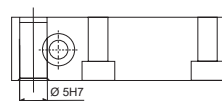
- Wooden case
- Basic instrument without digital indicator, measuring arms and measuring probes (optional)



Product
video

	Measuring range		Measuring forces N	Order no.
	external mm	internal mm		
	5 - 220	15 - 230	external: ~6 N internal: ~4 N	0741 101

0741 Pair of probe mounting block



	Order no.
	0741 170

0741 Extensions



0741 112



0741 114

	Length mm	Order no.
	100	0741 112
	200	0741 114
	500	0741 116



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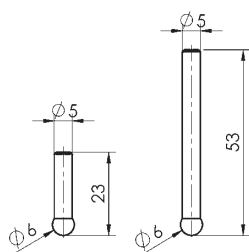


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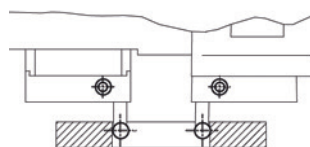
0741 Measuring inserts



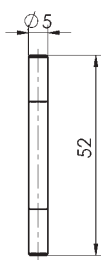
0741 178



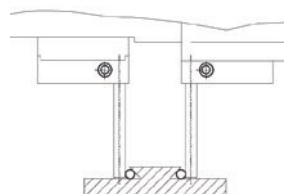
	Length mm	Diameter mm	Order no.
	23	6	0741 178
	53	6	0741 179



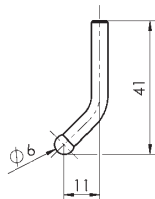
0741 Measuring inserts



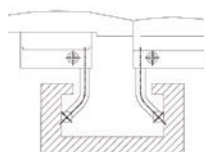
	mm	mm	Order no.
	52	5	0741 180



0741 Pair of offset measuring inserts



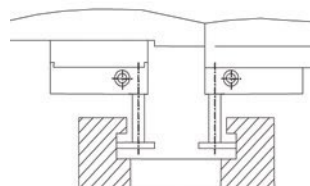
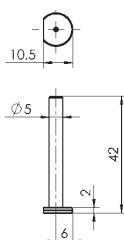
	Length mm	Diameter mm	Order no.
	41	6	0741 182



0741 Pair of measuring inserts with discs



	Length mm	Width mm	Diameter mm	Dimensions h mm	Order no.
	42	10.5	12	2	0741 176

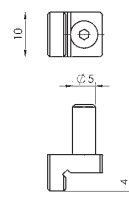
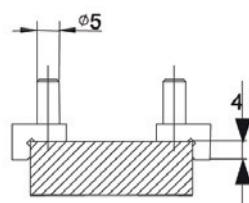


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0741 Measuring inserts

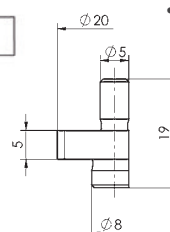
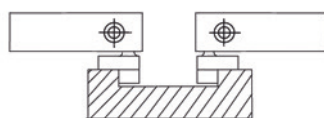


Model

- For measuring external central points

Order no.
0741 172

0741 Pair of shoulder measuring inserts

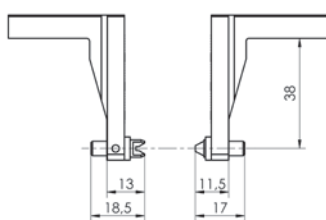


Model

- For measuring internal central points

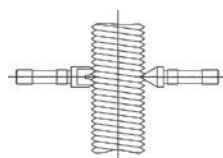
Order no.
0741 174

0741 Pairs of thread measuring inserts for metric external thread



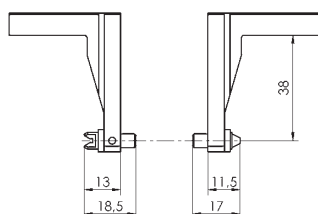
Model

- Thread measuring inserts for external thread, metric pitch, in pairs



Thread pitch mm	Order no.
0.35	0741 140
0.4 - 0.45	0741 141
0.5 - 0.6	0741 142
0.7 - 0.8	0741 143
1.0 - 1.25	0741 144
1.5 - 1.75	0741 145
2.0 - 2.5	0741 146
3.0 - 3.5	0741 147
4.0 - 5.0	0741 148
5.5 - 6.0	0741 149

0741 Pairs of thread measuring inserts for metric internal thread



Model

- Thread measuring inserts for internal thread, metric pitch, in pairs

Thread pitch mm	Order no.
1.0 - 1.25	0741 163
1.5 - 1.75	0741 164
2.0 - 2.5	0741 165
3.0 - 3.5	0741 166
4.0 - 5.0	0741 167
5.5 - 6.0	0741 168



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0741 Pairs of measuring arms



0741 122

Model

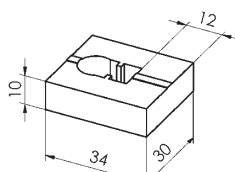
- For mounting of adapter pieces and inserts with shaft-@ 3.5 mm and @ 5 mm
- With lasered help rule (mm-divide) as position help for the depth stop pieces



0741 124

	Length mm	Order no.
▶	40	0741 122
▶	80	0741 124

0741 Pair of depth stop attachment for measuring arms

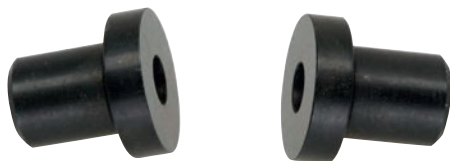


Model

- To slide on measuring arms
- Can be clamped with grub screw

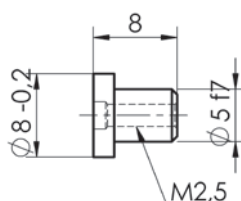
	Length mm	Width mm	Height mm	Order no.
▶	34	30	10	0741 136

0741 Pair of adapters 5 mm for measuring inserts M2.5



Model

- All measuring inserts for dial gauges with M2.5 can be used (measuring inserts please refer to pages 137-140)



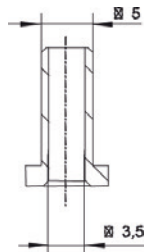
	Order no.
▶	0741 132

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0741 Pair of adapters for thread measuring inserts (pair)



Model

- Pair of adapters for thread measuring inserts with long shanks (length 13.5 mm)
- Adapters are not required for measuring inserts with short shanks

Order no.
0741 134

0741 Measuring table



Model

- Consisting of:
- Supporting table $\varnothing$ 180 mm
- Measuring probe
- Mounting stands

Delivery

- Cardboard box

Size of table mm	Order no.
$\varnothing$ 180	0741 184