

External Dial Caliper Gauges



Optional accessories

No.	Description
63AAA437	Holder for Digital Caliper Gauge, for 209-901 up to 209-924
011530	Holder for Digital Caliper Gauge, for 209-300 up to 209-457 except: 209-310, -311, -312, -361, -362, -363

External Dial Caliper Gauges Metric

This analog External Dial Caliper Gauge offers you the following benefits:

- Excellent resistance against water and dust (IP65 protection level)
- Optimized measuring force
- Ergonomically designed to lie securely in your hand when measuring



209-402



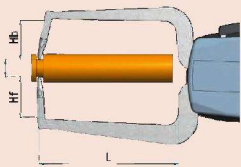
209-401



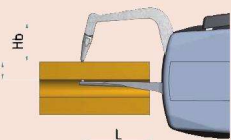
209-406



209-403



Figures 1/2/5



Figures 3/4/6

L=Maximum reach of contact arms over workpiece
 Hb=Maximum penetration depth of upper contact
 Hf=Maximum penetration depth of lower contact



209-405

Metric

Measuring contacts: bevel radius 0,4 mm (209-405), 0,75 mm (209-921)

No.	Range [mm]	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-405	0 - 20	0,01	0,03 mm	Fig. 1	1,1-1,6	210	24,6	24,6	85
209-921	0 - 50	0,05	0,05 mm	Fig. 2	0,8-1,7	430	30	30	167

Metric

Measuring contacts: carbide ball Ø 1,5 mm, Ø 3 mm (209-911)

No.	Range [mm]	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-400	0 - 10	0,005	0,015 mm	Fig. 4	0,8-1,2	165	19,1	0,9	35
209-402	0 - 10	0,005	0,015 mm	Fig. 2	0,8-1,2	170	19,1	18,6	35
209-404	0 - 20	0,01	0,03 mm	Fig. 2	1,1-1,6	210	24,7	24,6	85
209-407	0 - 20	0,01	0,03 mm	Fig. 4	1,1-1,6	200	24,7	2,5	85
209-911	0 - 50	0,05	0,05 mm	Fig. 2	0,8-1,7	430	30	30	167

Metric

Measuring contacts: carbide ball Ø 1,5 mm / bevel radius 0,4 mm

No.	Range [mm]	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-401	0 - 10	0,005	0,015 mm	Fig. 6	0,8-1,2	165	18,8	0,9	35
209-406	0 - 20	0,01	0,03 mm	Fig. 3	1,1-1,6	200	24,7	2,5	80

Metric

Measuring contacts: carbide ball Ø 3 mm / carbide ball Ø 3 mm, bevel radius 0,75 mm (209-922)

No.	Range [mm]	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-912	0 - 50	0,05	0,05 mm	Fig. 4	0,8-1,7	400	30	4,6	169
209-922	0 - 50	0,05	0,05 mm	Fig. 3	0,8-1,7	400	30	4,6	169

Metric

Measuring contacts: disk measuring faces Ø 6 mm

No.	Range [mm]	Graduation [mm]	Accuracy	Type	Measuring force [N]	Mass [g]	Hb [mm]	Hf [mm]	L [mm]
209-403	0 - 10	0,005	0,02 mm	Fig. 5	0,8-1,2	175	21,7	14,8	36



Figure 1



Figure 2

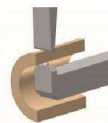


Figure 3



Figure 4



Figure 5



Figure 6