

optacom stylus tip icons:













Finding instead of searching!

▶ optacom ▶ Mahr-compatible ▶ Hommel-compatible ▶ Mitutoyo-compatible ▶ Zeiss-compatible ▶ Taylor Hobson-compatible



Legend:

-  **Green:** Standard article in stock. Larger quantities available.
-  **Yellow:** Smaller quantities in stock. Limited quantities available or deliverable within 3-4 weeks.
-  **Red:** Special article not in stock. Available within 8-10 weeks.
-  **Angle:** This stylus tip is well suited to measure threads and parts with a pitch.
-  **Thread:** This stylus tip is well suited to measure threads, ball screws and parts with a pitch.
-  **Track:** This stylus tip is well suited to measure parts with symmetric contour. For example - ball screws.
-  **Roughness:** This stylus tip is well suited to measure roughness
-  **Top/down external:** This stylus tip is best used for top/down measurement.
-  **Top/down internal:** This stylus tip is best used for top/down measurements within drill holes.
-  **Gear:** This stylus tip is well suited for measurements of geometries in combination with our RSY 240-25. For example – gear wheels.



Stylus tip 59.5 mm Order no.: 101-010-595
made of carbide, \varnothing 3.5 mm / R: 25 μ m / A: 12°



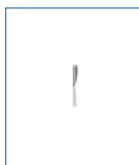
Stylus tip 33 mm Order no.: 101-010-330
made of carbide, \varnothing 3.5 mm / R: 25 μ m / A: 12°



Stylus tip 20.5 mm Order no.: 101-010-205
made of carbide, \varnothing 3.5 mm / R: 25 μ m / A: 12°



Stylus tip 13 mm Order no.: 101-030-130
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 19°



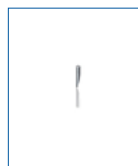
Stylus tip 7 mm Order no.: 101-010-070
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 19°



Stylus tip 6 mm Order no.: 101-010-060
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 19°



Stylus tip 4,5 mm Order no.: 101-010-045
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 19°



Stylus tip 3,5 mm Order no.: 101-030-035
made of carbide, \varnothing 0,5 mm / R: 25 μ m / A: 19°



Stylus tip 2,5 mm Order no.: 101-010-025
made of carbide, \varnothing 0,5 mm / R: 25 μ m / A: 19°



Stylus tip 2,5 mm Order no.: 101-010-025-E
For this, the existing tracing arm, in which the new stylus tip is glued, is necessary.



Stylus tip 59,5 mm conical **Order no.: 101-110-595**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 24°



Stylus tip 33 mm conical **Order no.: 101-110-330**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 24°



Stylus tip 20,5 mm conical **Order no.: 101-110-205**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 24°



Roughness stylus tip 33 mm, conical **Order no.: 101-430-332**
made of carbide, \varnothing 3,5 mm / A: 24° with diamond tip / R: 2 μ m / A: 90°



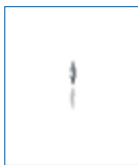
Roughness stylus tip 33 mm, conical **Order no.: 101-430-335**
made of carbide, \varnothing 3,5 mm / A: 24° with diamond tip / R: 5 μ m / A: 90°




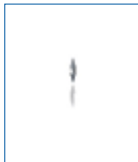
Roughness stylus tip 3 mm conical **Order no.: 101-430-035**
made of carbide, \varnothing 1 mm / A: 24° with diamond tip / R: 5 μ m / A: 90°




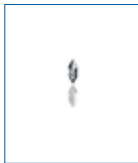
Roughness stylus tip 3 mm conical **Order no.: 101-430-032**
made of carbide, \varnothing 1 mm / A: 24° with diamond tip / R: 2 μ m / A: 90°




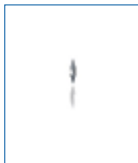
Double stylus tip 18 mm conical **Order no.: 101-330-180**
made of carbide, \varnothing 2 mm / R: 25 μ m / double sided conus 24°


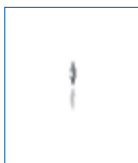
Double stylus tip 13 mm conical **Order no.: 101-330-130**
made of carbide, \varnothing 2 mm / R: 25 μ m / double sided conus 24°



Double stylus tip 12 mm conical **Order no.: 101-330-120**
made of carbide, \varnothing 3,5 mm / R: 0,1 mm / double sided conus 48°



Double stylus tip 9 mm conical **Order no.: 101-330-090**
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 2 x 24°
suitable for top-down measurements



Double stylus tip 6 mm conical **Order no.: 101-330-060**
made of carbide, \varnothing 1 mm / R: 25 μ m / W: 2 x 24°
suitable for top-down measurements



Double stylus tip 4,4-24°-0,7 conical **Order no.: 101-330-044**
made of carbide, \varnothing 1,0 x 4,4 mm / R: 25 μ m / double sided conus 24° x 0,7 mm


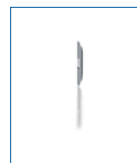
Double stylus tip 4,4-48°-0,7 conical **Order no.: 101-330-144**
made of carbide, \varnothing 1,0 x 4,4 mm / R: 25 μ m / double sided conus 48° x 0,7 mm


Double stylus tip 34 mm **Order no.: 101-230-340**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 2 x 12°
suitable for top-down measurements

Double stylus tip 9 mm **Order no.: 101-230-090**
made of carbide, \varnothing 1 mm / R: 5 μ m / A: 2 x 19°
suitable for top-down measurements

Double stylus tip 6 mm **Order no.: 101-230-060**
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 2 x 24°
suitable for top-down measurements





Disc stylus system 10 mm **Order no.: 101-530-10K**
Disc stylus (see below) and arm extension, including quick-release fastener (QRF), length 51 mm from front edge of QRF



Disc stylus 10 mm **Order no.: 101-530-100**
single item, made of carbide, \varnothing 10 mm / R: 25 μ m / W: 2 x 12°



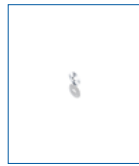
Disc stylus system 6 mm **Order no.: 101-530-06K**
Disc stylus (see below) and arm extension, including quick-release fastener (QRF), length 51 mm from front edge of QRF



Disc stylus 6 mm **Order no.: 101-530-060**
single item, made of carbide, \varnothing 6 mm / R: 25 μ m / W: 2 x 12°



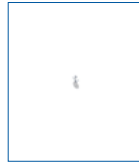
Disc stylus system 4 mm **Order no.: 101-530-04K**
Disc stylus (see below) and arm extension, including quick-release fastener (QRF), length 100 mm from front edge of QRF



Disc stylus 4 mm **Order no.: 101-530-040**
single item, made of carbide, \varnothing 4 mm / R: 25 μ m / A: 2 x 12°



Disc stylus system 3 mm **Order no.: 101-530-03K**
Disc stylus (see below) and arm extension, including quick-release fastener (QRF), length 25 mm from front edge of QRF



Disc stylus 3 mm **Order no.: 101-530-030**
single item, made of carbide, \varnothing 3 mm / R: 25 μ m / A: 2 x 12°



Disc stylus system 1 mm **Order no.: 101-530-01K**
Disc stylus (s.u.) incl. quick release-fastener



Disc stylus 1 mm **Order no.: 101-530-010**
single-item, \varnothing 1 mm / R: 25 μ m / A: 2 x 12°, including extension (made of one piece - carbide), length 25 mm from front edge of quick-release fastener



topdown-quick-release fastener **Order no.: 101-630-0TD**
for stylus tips with diameters of 3.5 mm for top-bottom measurements; delivery without stylus tips!



Quick-release fastener **Order no.: 101-630-035**
for stylus tips with diameters of 3.5 mm



Quick-release fastener **Order no.: 101-630-040**
for stylus tips and absorption for dial test indicator with \varnothing 4 mm



Clamping shaft for dial test indicator \varnothing 4 H7 **Order no.: 101-010-065**
needs quick-release fastener 101-630-040



Miniature stylus arm for removable stylus tip \varnothing 1 mm **Order no.: 101-631-060**
including quick-release fastener, standard length 50 mm (other lengths upon request); delivery without stylus tips!



Miniature stylus arm for removable stylus tip \varnothing 2 mm **Order no.: 101-631-062**
including quick-release fastener, standard length 150 mm (other lengths upon request); delivery without stylus tips!



Miniature stylus arm with glued stylus tip \varnothing 0.5 mm **Bestell-Nr.: 101-631-005**
including quick-release fastener, standard length 35 mm (other lengths upon request);



Miniature stylus arm with stylus tip \varnothing 3.5 mm **Order no.: 101-010-QA1**
including quick-release fastener, standard length 25 mm, length of cross arm 25 mm (other lengths upon request); delivery without stylus tips!



Miniature stylus arm with stylus tip \varnothing 1 mm **Order no.: 101-010-QA3,5**
including quick-release fastener, standard length 50 mm, length of cross arm 25 mm (other lengths upon request); delivery without stylus tips!



Special stylus tip 20,5 mm conical **Order no.: 101-130-120**
made of carbide, \varnothing 3,5 mm / R: 0,1 mm



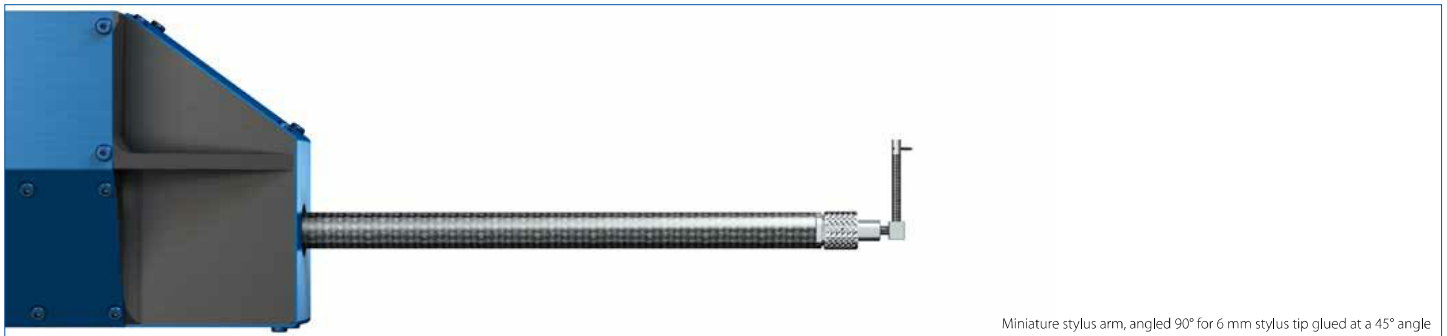
Special stylus tip 20,5 mm conical **Order no.: 101-130-420**
made of carbide, \varnothing 3,5 mm / R: 0,45 mm



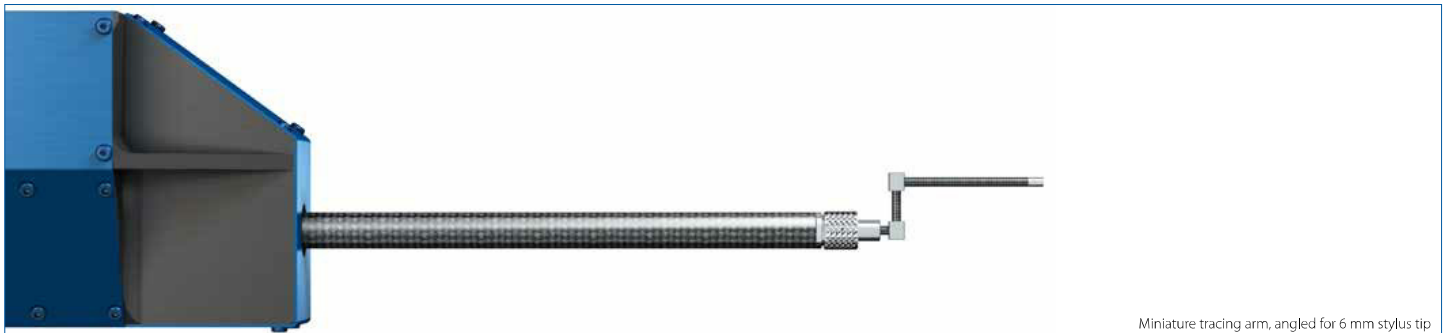
Special stylus tip 20,5 mm **Order no.: 101-030-620**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 6° L: 3 mm



Special stylus tip 20,5 mm **Order no.: 101-030-820**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 8° L: 10 mm



Miniature stylus arm, angled 90° for 6 mm stylus tip glued at a 45° angle



Miniature tracing arm, angled for 6 mm stylus tip

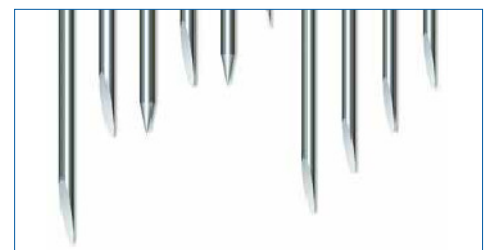
A chain is only as strong as its weakest link – a measurement system is only as good as its tracing arm and stylus tip. Thus, we pay serious attention to this detail – as we do to our machines. All stylus systems are manufactured with the same care as optacom's measurement systems.

Our practice oriented and cost reducing system of various stylus tips, disc styli, and miniature tracing arms can be replaced in seconds using the practical optacom quick-release fastener.

This is shown in the daily business of calibration and measuring labs in factories worldwide.

With your input, we develop and manufacture effective solutions to meet your specific measurement requirements.

We are looking forward to receive your inquiry.





Stylus tip 59,5 mm **Order no.: 101-010-595**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 12°
Mahr-compatible (6851517)



Stylus tip 33 mm **Order no.: 101-010-330**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 12°
Mahr-compatible (6850286)



Stylus tip 20,5 mm **Order no.: 101-010-205**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 12°
Mahr-compatible (6850289)



Stylus tip 7 mm **Order no.: 101-010-070**
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 19°
Mahr-compatible zu Tastarm LD C 7-15-25

Stylus tip 7 mm **Order no.: 101-010-070-E**
Glued (the existing tracing arm is required)



Stylus tip 6 mm **Order no.: 101-010-060**
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 19°
Mahr-compatible (6851527)



Stylus tip 6 mm **Order no.: 101-010-060-E**
Glued (the existing tracing arm is required)

Stylus tip 4,5 mm **Order no.: 101-010-045**
made of carbide, \varnothing 1 mm / R: 25 μ m / A: 19°
Mahr-compatible

Stylus tip 4,5 mm **Order no.: 101-010-045-E**
Glued (the existing tracing arm is required)



Stylus tip 2,5 mm **Order no.: 101-010-025**
made of carbide, \varnothing 0,5 mm / R: 25 μ m / A: 19°
Mahr-compatible

Stylus tip 2,5 mm **Order no.: 101-010-025-E**
Glued (the existing tracing arm is required)

Mahr-compatible stylus tips



Stylus tip 59,5 mm conical **Order no.: 101-110-595**
made of carbide, \varnothing 3,5 mm / R: 5 μ m / A: 24°
Mahr-compatible



Stylus tip 33 mm conical **Order no.: 101-110-330**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 24°
Mahr-compatible



Stylus tip 20,5 mm conical **Order no.: 101-110-205**
made of carbide, \varnothing 3,5 mm / R: 25 μ m / A: 24°
Mahr-compatible



Hommel-compatible stylus tips



Stylus tip 52 mm **Order no.: 101-020-520**
made of carbide, \varnothing 3 mm / R: 20 μ m / A: 11°
Hommel-compatible (compatible zu 232633)



Stylus tip 42 mm **Order no.: 101-020-420**
made of carbide, \varnothing 3 mm / R: 20 μ m / A: 11°
Hommel-compatible (compatible zu 232586)



Stylus tip 32 mm **Order no.: 101-020-320**
made of carbide, \varnothing 3 mm / R: 20 μ m / A: 11°
Hommel-compatible (compatible zu 284039)



Stylus tip 21 mm **Order no.: 101-020-210**
made of carbide, \varnothing 3 mm / R: 20 μ m / A: 11°
Hommel-compatible



Stylus tip 6 mm **Order no.: 101-020-060**
made of carbide, \varnothing 1 mm / R: 20 μ m / A: 22°
Hommel-compatible

Stylus tip 6 mm **Order no.: 101-020-060-E**
Glued (the existing tracing arm is required)



Stylus tip 52 mm conical **Order no.: 101-120-520**
made of carbide, \varnothing 3 mm / R: 20 μ m / A: 30°
Hommel-compatible



Stylus tip 32 mm conical **Order no.: 101-120-320**
made of carbide, \varnothing 3 mm / R: 20 μ m / A: 30°
Hommel-compatible



Stylus tip 20 mm conical **Order no.: 101-120-200**
made of carbide, \varnothing 1 mm / R: 20 μ m / A: 30°
Hommel-compatible

Stylus tip 20 mm conical **Order no.: 101-120-200-E**
Glued (the existing tracing arm is required)

Mitutoyo-compatible stylus tips

standard and conical 31



Stylus tip 50 mm **Order no.: 101-050-500**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 11°
 Mitutoyo-compatible (354886)EUR 95,-/Stk.



Stylus tip 38 mm **Order no.: 101-050-380**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 11°
 Mitutoyo-compatible (354885)



Stylus tip 28 mm **Order no.: 101-050-280**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 11°
 Mitutoyo-compatible (354884)



Stylus tip 20 mm **Order no.: 101-050-200**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 11°
 Mitutoyo-compatible (354883)



Stylus tip 14 mm **Order no.: 101-050-140**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 11°
 Mitutoyo-compatible (354882)



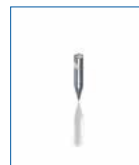
Stylus tip 50 mm conical **Order no.: 101-150-500**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 24°
 Mitutoyo-compatible



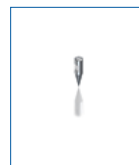
Stylus tip 38 mm conical **Order no.: 101-150-380**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 24°
 Mitutoyo-compatible



Stylus tip 28 mm conical **Order no.: 101-150-280**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 24°
 Mitutoyo-compatible



Stylus tip 20 mm conical **Order no.: 101-150-200**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 24°
 Mitutoyo-compatible



Stylus tip 14 mm conical **Order no.: 101-150-140**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 24°
 Mitutoyo-compatible





Stylus tip 60 mm **Order no.: 101-040-600**
made of carbide, \varnothing 3 mm / R: 25 μ m / A: 11°
Zeiss-compatible (DT 45501)



Stylus tip 34 mm **Order no.: 101-040-340**
made of carbide, \varnothing 3 mm / R: 25 μ m / A: 11°
Zeiss-compatible (DT 45502)



Stylus tip 21 mm **Order no.: 101-040-210**
made of carbide, \varnothing 2 mm / R: 25 μ m / A: 11°
Zeiss-compatible (DT 45503)



Stylus tip 12 mm **Order no.: 101-040-120**
made of carbide, \varnothing 2 mm / R: 25 μ m / A: 12°
Zeiss-compatible (DT 45510 / DT 45081)

Stylus tip 12 mm **Order no.: 101-040-120-E**
Glued (the existing tracing arm is required)



Stylus tip 8 mm **Order no.: 101-040-080**
made of carbide, \varnothing 1,2 mm / R: 25 μ m / A: 12°
Zeiss-compatible (DT 45510 / DT 45081)



Stylus tip 8 mm **Order no.: 101-040-080-E**
Glued (the existing tracing arm is required)

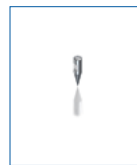
Stylus tip 4,5 mm **Order no.: 101-040-045**
made of carbide, \varnothing 0,8 mm / R: 25 μ m / A: 12°
Zeiss-compatible (DT 45512 / DT 45083)

Stylus tip 4,5 mm **Order no.: 101-040-045-E**
Glued (the existing tracing arm is required)

Zeiss-compatible stylus tips



Stylus tip 60 mm conical **Order no.: 101-140-600**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 24°
 Zeiss-compatible (DT 45504)



Stylus tip 4,5 mm conical **Order no.: 101-140-045**
 made of carbide, \varnothing 0,8 mm / R: 5 μ m / A: 24°
 Zeiss-compatible (DT 45515)



Stylus tip 34 mm conical **Order no.: 101-140-340**
 made of carbide, \varnothing 3 mm / R: 25 μ m / A: 24°
 Zeiss-compatible (DT 45505)

Stylus tip 4,5 mm conical **Order no.: 101-140-045-E**
 Glued (the existing tracing arm is required)



Stylus tip 21 mm conical **Order no.: 101-140-210**
 made of carbide, \varnothing 2 mm / R: 25 μ m / A: 24°
 Zeiss-compatible (DT 45506)



Stylus tip 12 mm conical **Order no.: 101-140-120**
 made of carbide, \varnothing 2 mm / R: 25 μ m / A: 24°
 Zeiss-compatible (DT 45513 / DT 45084)

Stylus tip 12 mm conical **Order no.: 101-140-120-E**
 Glued (the existing tracing arm is required)

Taylor Hobson-compatible stylus tips

34 standard and conical



Stylus tip 26,7 mm **Order no.: 101-060-267**
made of carbide, \varnothing 1,6 mm / R: 20 μ m / A: 15°
Taylor Hobson-compatible (232633)



Stylus tip 26,7 mm conical **Order no.: 101-160-267**
made of carbide, \varnothing 1,6 mm / R: 10 μ m / A: 30°
Taylor Hobson-compatible