



Screw thread micrometers

- Measuring range: 0-200 mm.
- Analog: graduation 0.01 mm, digital: resolution 0.001 mm.
- Insert shaft: ø5 mm.
- DIN 863 T3.
- Delivery incl. adjustment tools.
- From measuring range 25-50 mm including setting gauge 60°.
- No-glare chrome finished thimble.

- Digital
- mm/inch conversion.
 - ABS/INC switchable.
 - On/off switch.
 - Reset/preset.
 - Protection: IP65.
 - Power supply: 1 battery type V357.



Analog, without measuring inserts

| Item No. | Measuring range/mm | Accuracy mm |
|----------|--------------------|-------------|
| 906.750 | 0-25 | ±0.004 |
| 906.751 | 25-50 | ±0.004 |
| 906.752 | 50-75 | ±0.005 |
| 906.753 | 75-100 | ±0.005 |
| 906.754 | 100-125 | ±0.006 |
| 906.755 | 125-150 | ±0.006 |
| 906.756 | 150-175 | ±0.007 |
| 906.757 | 175-200 | ±0.007 |

Digital, without measuring inserts

| Item No. | Measuring range/mm | Accuracy mm |
|----------|--------------------|-------------|
| 909.889 | 0-25 | ±0.004 |
| 909.890 | 25-50 | ±0.004 |
| 909.891 | 50-75 | ±0.005 |
| 909.892 | 75-100 | ±0.005 |
| 909.893 | 100-125 | ±0.006 |
| 909.894 | 125-150 | ±0.006 |
| 909.895 | 150-175 | ±0.007 |
| 909.896 | 175-200 | ±0.007 |

Option:
836.535 Spare battery

Screw thread micrometers (continued)



| Item No. | Pitch/mm | Price |
|---|-------------|-------|
| Measuring inserts for Whitworth threads, 55° flank angle, per pair: | | |
| 906.720 | 0.4-0.5 | |
| 906.721 | 0.6-0.9 | |
| 906.722 | 1.0-1.75 | |
| 906.723 | 2.0-3.0 | |
| 906.724 | 3.5-5.0 | |
| 906.725 | 5.5-7.0 | |
| 906.726 | Set 0.4-7.0 | |

| Item No. | Threads per inch | Price |
|---|------------------|-------|
| Measuring inserts for Whitworth threads, 55° flank angle, per pair: | | |
| 906.730 | 60-48 | |
| 906.731 | 48-40 | |
| 906.732 | 40-32 | |
| 906.733 | 32-24 | |
| 906.734 | 24-18 | |
| 906.735 | 18-14 | |
| 906.736 | 14-10 | |
| 906.737 | 10-7.0 | |
| 906.738 | 7.0-4.5 | |
| 906.739 | 4.5-3.5 | |
| 906.740 | Set 60-3.5 | |

| Item No. | Threads per inch | Price |
|--|------------------|-------|
| Measuring inserts for metric threads, 60° flank angle, per pair: | | |
| 906.741 | 64-48 | |
| 906.742 | 44-28 | |
| 906.743 | 24-14 | |
| 906.744 | 13-9 | |
| 906.745 | 8-5 | |
| 906.746 | 4.5-3.5 | |
| 906.747 | Set 64-3.5 | |



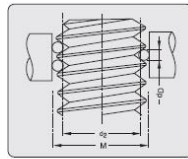
| Item No. | Length/mm | Price |
|--|-----------|-------|
| Hardened steel setting standards for threads with 60° flank angle: | | |
| 909.304 | 25 | |
| 909.305 | 50 | |
| 909.306 | 75 | |
| 909.307 | 100 | |
| 909.308 | 125 | |
| 909.309 | 150 | |
| 909.310 | 175 | |
| 909.311 | 200 | |

| Item No. | Length/mm | Price |
|--|-----------|-------|
| Hardened steel setting standards for threads with 55° flank angle: | | |
| 909.312 | 25 | |
| 909.313 | 50 | |
| 909.314 | 75 | |
| 909.315 | 100 | |
| 909.316 | 125 | |
| 909.317 | 150 | |
| 909.318 | 175 | |
| 909.319 | 200 | |

Thread measuring wires

For measuring external threads using the three-wire method. The flank diameter can be determined according to the measured diameter, using tables.

- For micrometers with measuring faces ø6.35, ø6.5 or ø8 mm. (Also available for measuring faces ø6.8 and ø7.5 mm.)
- Very high measuring accuracy: ±0.001 mm.
- In pairs or in a set.
- The wire holders are held in position on the anvil and spindle by a spring clamp.
- The wires are mounted on the holder in such a way that they position themselves on the thread.



Thread measuring wires for micrometers with measuring faces ø6.35, ø6.5 or ø8 mm

| ø6.35 mm | | ø6.5 mm | | ø8 mm | | Wire diameter d _w /mm | Metric pitch in mm | Whitworth threads per inch | UN/UNC/UNF threads per inch |
|----------|---------|----------|-------|----------|-------|---|--------------------|----------------------------|-----------------------------|
| Item No. | Price | Item No. | Price | Item No. | Price | | | | |
| 833.442 | 779.161 | | | 836.689 | | 0.17 | 0.25; 0.3 | - | - |
| 833.443 | 781.651 | | | 836.690 | | 0.195 | - | - | 80 |
| 833.444 | 779.162 | | | 836.691 | | 0.22 | 0.35 | - | 72 |
| 833.445 | 779.163 | | | 835.844 | | 0.25 | 0.4 | - | 64 |
| 833.446 | 779.164 | | | 834.499 | | 0.29 | 0.45; 0.5 | - | 56 |
| 833.447 | 779.165 | | | 834.498 | | 0.335 | 0.6 | 40 | 48; 44 |
| 833.448 | 781.652 | | | 837.848 | | 0.390 | - | - | 40 |
| 833.449 | 779.166 | | | 833.872 | | 0.455 | 0.7-0.8 | - | 36 |
| 833.450 | 779.167 | | | 834.585 | | 0.53 | - | 32; 28 | 32; 28 |
| 833.451 | 779.168 | | | 834.480 | | 0.62 | 1 | 26; 24 | 24 |
| 833.452 | 779.169 | | | 834.586 | | 0.725 | 1.25 | 22; 20; 19 | 20 |
| 833.453 | 779.170 | | | 834.290 | | 0.895 | 1.5 | 18; 16 | 18; 16 |
| 833.454 | 779.171 | | | 834.502 | | 1.10 | 1.75 | 14 | 14; 13 |
| 833.455 | 779.172 | | | 834.291 | | 1.35 | 2 | 12; 11 | 12; 11 |
| 833.456 | 779.173 | | | 833.871 | | 1.65 | 2.5 | 10; 9 | 10; 9 |
| 833.457 | 779.174 | | | 834.292 | | 2.05 | 3.0; 3.5 | 8; 7 | 8; 7 |
| 833.458 | 779.175 | | | 834.416 | | 2.55 | 4.0; 4.5 | 6 | 6 |
| 833.459 | 779.176 | | | 834.483 | | 3.20 | 5.0; 5.5 | 5; 4.5 | 5; 4.5 |
| 837.501 | 837.642 | | | 834.509 | | 4.00 | 6.0 | 4; 3.5 | 4 |
| 834.580 | 779.160 | | | 834.581 | | Set with wire diameters 0.17 to 3.20 mm | | | |

Thread and tolerance tables

Thread table
Table with all standard international thread indications: metric, W, Gas, BSF, Pg, BA, UNC, UNF and UNEF.

Tolerance table
Table comprising all tolerances and fits according ISO R286, up to 500 mm (table with over 6400 pairs of tolerance values for internal and external measurements).

Conversion table mm/inch
For converting from mm to inch and from inch to mm.

| Item No. | Description | Price |
|----------|--------------------------|-------|
| 835.162 | Thread table | |
| 835.163 | Tolerance table | |
| 835.164 | Conversion table mm/inch | |

