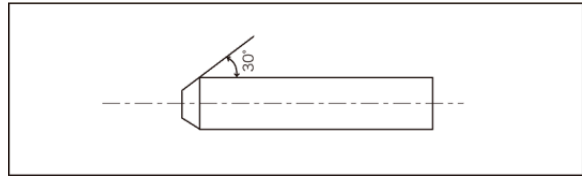


ET series

Package of high-precision pin gauges



Dimension



※The edge on one side chamfered to a 30°angle for easier insertion.

The ET series contains 14 pin gauges with $\pm 0.3 \mu\text{m}$ tolerance for high precision measurements in micron units. Standard sizes range from minus $3 \mu\text{m}$ to plus $10 \mu\text{m}$ increasing in $1 \mu\text{m}$ increments. Custom sizes and combinations can also be made to meet unique customer needs.

Specifications

| Set Range (mm) | Length (mm) | Tolerance | Roundness | Cylindricity |
|--------------------|-------------|-----------------------|-------------------|-------------------|
| 0.297mm ~ 1.496mm | 30.00 | $\pm 0.3 \mu\text{m}$ | $0.3 \mu\text{m}$ | $0.3 \mu\text{m}$ |
| 1.497mm ~ 10.010mm | 40.00 | $\pm 0.3 \mu\text{m}$ | $0.3 \mu\text{m}$ | $0.3 \mu\text{m}$ |

Details of series

| Set No. | Step (mm) | Set Size (mm) | Number of pins |
|---------|-----------|-----------------------------|----------------|
| ET-03 | 0.001 mm | 0.297 0.298 ... 0.309 0.310 | 14 |
| ET-04 | 0.001 mm | 0.397 0.398 ... 0.409 0.410 | 14 |
| ET-05 | 0.001 mm | 0.497 0.498 ... 0.509 0.510 | 14 |
| ET-06 | 0.001 mm | 0.597 0.598 ... 0.609 0.610 | 14 |
| ET-07 | 0.001 mm | 0.697 0.698 ... 0.709 0.710 | 14 |
| ET-08 | 0.001 mm | 0.797 0.798 ... 0.809 0.810 | 14 |
| ET-09 | 0.001 mm | 0.897 0.898 ... 0.909 0.910 | 14 |
| ET-10 | 0.001 mm | 0.997 0.998 ... 1.009 1.010 | 14 |
| ET-11 | 0.001 mm | 1.097 1.098 ... 1.109 1.110 | 14 |
| ET-12 | 0.001 mm | 1.197 1.198 ... 1.209 1.210 | 14 |
| ET-13 | 0.001 mm | 1.297 1.298 ... 1.309 1.310 | 14 |
| ET-14 | 0.001 mm | 1.397 1.398 ... 1.409 1.410 | 14 |
| ET-15 | 0.001 mm | 1.497 1.498 ... 1.509 1.510 | 14 |
| ET-16 | 0.001 mm | 1.597 1.598 ... 1.609 1.610 | 14 |
| ET-17 | 0.001 mm | 1.697 1.698 ... 1.709 1.710 | 14 |
| ET-18 | 0.001 mm | 1.797 1.798 ... 1.809 1.810 | 14 |
| ET-19 | 0.001 mm | 1.897 1.898 ... 1.909 1.910 | 14 |
| ET-20 | 0.001 mm | 1.997 1.998 ... 2.009 2.010 | 14 |
| ET-21 | 0.001 mm | 2.097 2.098 ... 2.109 2.110 | 14 |
| ET-22 | 0.001 mm | 2.197 2.198 ... 2.209 2.210 | 14 |
| ET-23 | 0.001 mm | 2.297 2.298 ... 2.309 2.310 | 14 |
| ET-24 | 0.001 mm | 2.397 2.398 ... 2.409 2.410 | 14 |
| ET-25 | 0.001 mm | 2.497 2.498 ... 2.509 2.510 | 14 |
| ET-26 | 0.001 mm | 2.597 2.598 ... 2.609 2.610 | 14 |
| ET-27 | 0.001 mm | 2.697 2.698 ... 2.709 2.710 | 14 |
| ET-28 | 0.001 mm | 2.797 2.798 ... 2.809 2.810 | 14 |
| ET-29 | 0.001 mm | 2.897 2.898 ... 2.909 2.910 | 14 |
| ET-30 | 0.001 mm | 2.997 2.998 ... 3.009 3.010 | 14 |
| ET-31 | 0.001 mm | 3.097 3.098 ... 3.109 3.110 | 14 |
| ET-32 | 0.001 mm | 3.197 3.198 ... 3.209 3.210 | 14 |
| ET-33 | 0.001 mm | 3.297 3.298 ... 3.309 3.310 | 14 |
| ET-34 | 0.001 mm | 3.397 3.398 ... 3.409 3.410 | 14 |
| ET-35 | 0.001 mm | 3.497 3.498 ... 3.509 3.510 | 14 |
| ET-36 | 0.001 mm | 3.597 3.598 ... 3.609 3.610 | 14 |
| ET-37 | 0.001 mm | 3.697 3.698 ... 3.709 3.710 | 14 |
| ET-38 | 0.001 mm | 3.797 3.798 ... 3.809 3.810 | 14 |
| ET-39 | 0.001 mm | 3.897 3.898 ... 3.909 3.910 | 14 |
| ET-40 | 0.001 mm | 3.997 3.998 ... 4.009 4.010 | 14 |
| ET-41 | 0.001 mm | 4.097 4.098 ... 4.109 4.110 | 14 |
| ET-42 | 0.001 mm | 4.197 4.198 ... 4.209 4.210 | 14 |
| ET-43 | 0.001 mm | 4.297 4.298 ... 4.309 4.310 | 14 |
| ET-44 | 0.001 mm | 4.397 4.398 ... 4.409 4.410 | 14 |
| ET-45 | 0.001 mm | 4.497 4.498 ... 4.509 4.510 | 14 |
| ET-46 | 0.001 mm | 4.597 4.598 ... 4.609 4.610 | 14 |
| ET-47 | 0.001 mm | 4.697 4.698 ... 4.709 4.710 | 14 |
| ET-48 | 0.001 mm | 4.797 4.798 ... 4.809 4.810 | 14 |
| ET-49 | 0.001 mm | 4.897 4.898 ... 4.909 4.910 | 14 |
| ET-50 | 0.001 mm | 4.997 4.998 ... 5.009 5.010 | 14 |
| ET-51 | 0.001 mm | 5.097 5.098 ... 5.109 5.110 | 14 |
| ET-52 | 0.001 mm | 5.197 5.198 ... 5.209 5.210 | 14 |
| ET-53 | 0.001 mm | 5.297 5.298 ... 5.309 5.310 | 14 |

| | | | |
|--------|----------|-------------------------------|----|
| ET-54 | 0.001 mm | 5.397 5.398 ... 5.409 5.410 | 14 |
| ET-55 | 0.001 mm | 5.497 5.498 ... 5.509 5.510 | 14 |
| ET-56 | 0.001 mm | 5.597 5.598 ... 5.609 5.610 | 14 |
| ET-57 | 0.001 mm | 5.697 5.698 ... 5.709 5.710 | 14 |
| ET-58 | 0.001 mm | 5.797 5.798 ... 5.809 5.810 | 14 |
| ET-59 | 0.001 mm | 5.897 5.898 ... 5.909 5.910 | 14 |
| ET-60 | 0.001 mm | 5.997 5.998 ... 6.009 6.010 | 14 |
| ET-61 | 0.001 mm | 6.097 6.098 ... 6.109 6.110 | 14 |
| ET-62 | 0.001 mm | 6.197 6.198 ... 6.209 6.210 | 14 |
| ET-63 | 0.001 mm | 6.297 6.298 ... 6.309 6.310 | 14 |
| ET-64 | 0.001 mm | 6.397 6.398 ... 6.409 6.410 | 14 |
| ET-65 | 0.001 mm | 6.497 6.498 ... 6.509 6.510 | 14 |
| ET-66 | 0.001 mm | 6.597 6.598 ... 6.609 6.610 | 14 |
| ET-67 | 0.001 mm | 6.697 6.698 ... 6.709 6.710 | 14 |
| ET-68 | 0.001 mm | 6.797 6.798 ... 6.809 6.810 | 14 |
| ET-69 | 0.001 mm | 6.897 6.898 ... 6.909 6.910 | 14 |
| ET-70 | 0.001 mm | 6.997 6.998 ... 7.009 7.010 | 14 |
| ET-71 | 0.001 mm | 7.097 7.098 ... 7.109 7.110 | 14 |
| ET-72 | 0.001 mm | 7.197 7.198 ... 7.209 7.210 | 14 |
| ET-73 | 0.001 mm | 7.297 7.298 ... 7.309 7.310 | 14 |
| ET-74 | 0.001 mm | 7.397 7.398 ... 7.409 7.410 | 14 |
| ET-75 | 0.001 mm | 7.497 7.498 ... 7.509 7.510 | 14 |
| ET-76 | 0.001 mm | 7.597 7.598 ... 7.609 7.610 | 14 |
| ET-77 | 0.001 mm | 7.697 7.698 ... 7.709 7.710 | 14 |
| ET-78 | 0.001 mm | 7.797 7.798 ... 7.809 7.810 | 14 |
| ET-79 | 0.001 mm | 7.897 7.898 ... 7.909 7.910 | 14 |
| ET-80 | 0.001 mm | 7.997 7.998 ... 8.009 8.010 | 14 |
| ET-81 | 0.001 mm | 8.097 8.098 ... 8.109 8.110 | 14 |
| ET-82 | 0.001 mm | 8.197 8.198 ... 8.209 8.210 | 14 |
| ET-83 | 0.001 mm | 8.297 8.298 ... 8.309 8.310 | 14 |
| ET-84 | 0.001 mm | 8.397 8.398 ... 8.409 8.410 | 14 |
| ET-85 | 0.001 mm | 8.497 8.498 ... 8.509 8.510 | 14 |
| ET-86 | 0.001 mm | 8.597 8.598 ... 8.609 8.610 | 14 |
| ET-87 | 0.001 mm | 8.697 8.698 ... 8.709 8.710 | 14 |
| ET-88 | 0.001 mm | 8.797 8.798 ... 8.809 8.810 | 14 |
| ET-89 | 0.001 mm | 8.897 8.898 ... 8.909 8.910 | 14 |
| ET-90 | 0.001 mm | 8.997 8.998 ... 9.009 9.010 | 14 |
| ET-91 | 0.001 mm | 9.097 9.098 ... 9.109 9.110 | 14 |
| ET-92 | 0.001 mm | 9.197 9.198 ... 9.209 9.210 | 14 |
| ET-93 | 0.001 mm | 9.297 9.298 ... 9.309 9.310 | 14 |
| ET-94 | 0.001 mm | 9.397 9.398 ... 9.409 9.410 | 14 |
| ET-95 | 0.001 mm | 9.497 9.498 ... 9.509 9.510 | 14 |
| ET-96 | 0.001 mm | 9.597 9.598 ... 9.609 9.610 | 14 |
| ET-97 | 0.001 mm | 9.697 9.698 ... 9.709 9.710 | 14 |
| ET-98 | 0.001 mm | 9.797 9.798 ... 9.809 9.810 | 14 |
| ET-99 | 0.001 mm | 9.897 9.898 ... 9.909 9.910 | 14 |
| ET-100 | 0.001 mm | 9.997 9.998 ... 10.009 10.010 | 14 |

※Also sold individually. Special sizes can also be prepared.