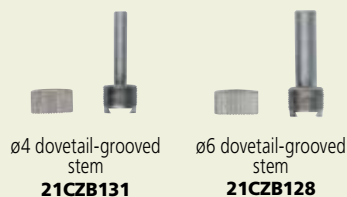


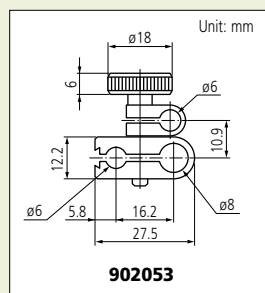
## Lever-head mounting brackets (optional)

Optional accessories for Mitutoyo test indicators can be used.

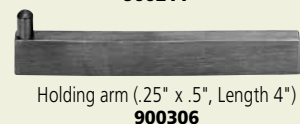
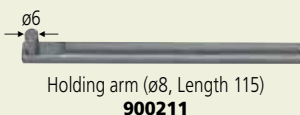
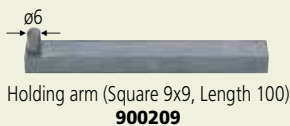
### Stems



### Clamp



### Holder



## SERIES 519 Mu-checker Probes (Cartridge head)

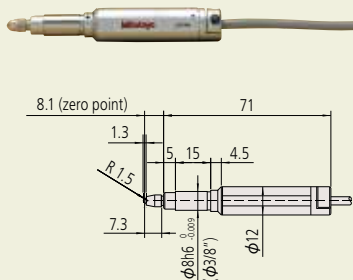
### SPECIFICATIONS

#### Cartridge heads

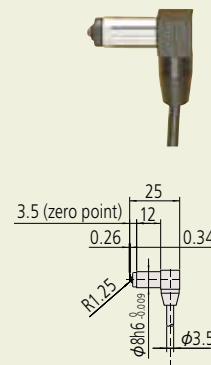
| Order No.            | 519-331       | 519-332      | 519-346        | 519-347             | 519-385        | 519-341      | 519-348        |
|----------------------|---------------|--------------|----------------|---------------------|----------------|--------------|----------------|
| Measuring range (mm) | ±0.5          | ±0.5         | ±0.25          | ±0.5                | ±1.5           | ±2.5         | ±1.0           |
| Stroke (mm)          | ±0.65         | ±0.65        | +0.34<br>-0.26 | +0.85<br>-0.65      | +2.35<br>-1.65 | +3.2<br>-2.8 | +1.35<br>-1.15 |
| Measuring force (N)  | Approx. 0.25  | Approx. 0.25 | Approx. 0.7    | Approx. 0.7         | Approx. 0.7    | Approx. 0.9  | Approx. 0.7    |
| Stem Dia. (mm)       | ø8            | ø3/8"        | ø8             | ø8                  | ø8             | ø8           | ø8             |
| Linearity (%)        | ±0.5          | ±0.5         | ±0.3           | ±0.3                | ±0.3           | ±0.5         | ±0.3           |
| Plunger support      | Plain bearing |              |                | Linear ball-bearing |                |              |                |

519-331/(519-332)

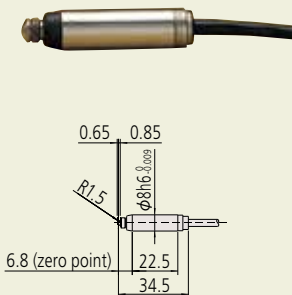
- M2.5x5 (4-48 UNF) interchangeable contact points for dial indicators can be used.



519-346

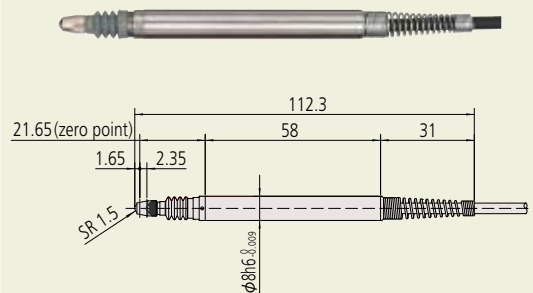


519-347



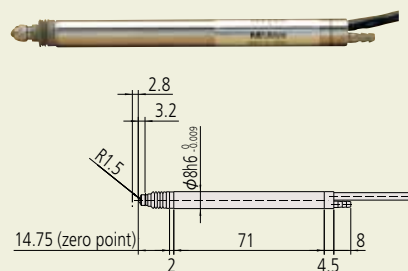
519-385

- M2.5x5 interchangeable contact points for dial indicators can be used.



519-341

- M2.5x5 interchangeable contact points for dial indicators can be used.



519-348

- M2.5x5 interchangeable contact points for dial indicators can be used.

