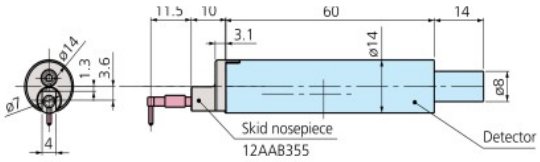
# Optional Styli for Surface Roughness Measurement

## Compatible with SJ-410, SJ-500, SV-2100, SV-3100, SV-3000CNC, SV-M3000CNC, SV-C3200, SV-C4500 Series



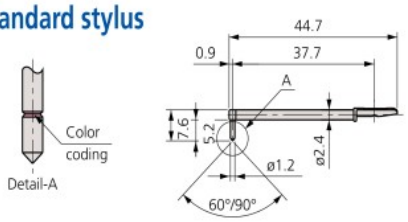

Detector (0.75mN): **178-396-2**
Detector (4mN): **178-397-2**

Extension rods
(12AAG202: 50mm, 12AAG203: 100mm)

## Styli

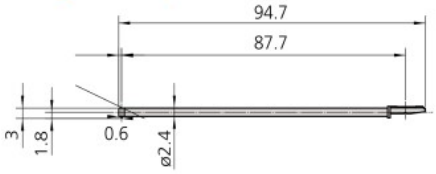
Unit: mm

### Standard stylus



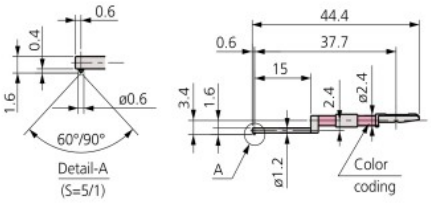

**12AAE882** (1μm)*
**12AAE924** (1μm)**
**12AAC731** (2μm)*
**12AAB331** (2μm)**
**12AAB403** (5μm)**
**12AAB415** (10μm)**
**12AAE883** (250μm)
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

### 2X long for deep hole



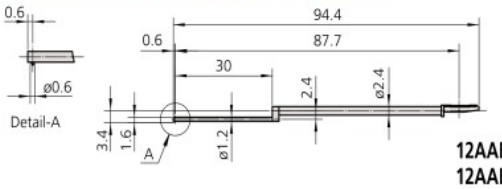

**12AAE898** (2μm)*
**12AAE914** (5μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

### For small hole



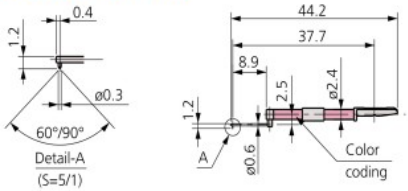

**12AAC732** (2μm)*
**12AAB404** (5μm)**
**12AAB416** (10μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

### For small hole/2X long for deep hole



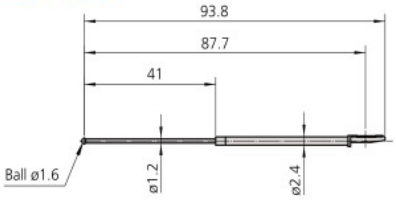

**12AAE892** (2μm)*
**12AAE908** (5μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

### For extra-small hole



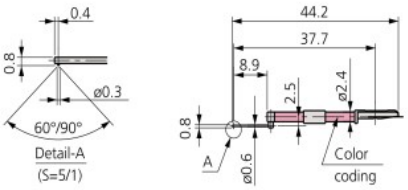

**12AAC733** (2μm)*
**12AAB405** (5μm)**
**12AAB417** (10μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

### For small hole*2



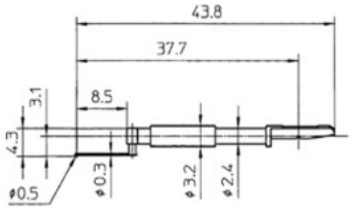

**12AAE884** (0.8mm)
( ): Tip radius

### For extra-minute hole



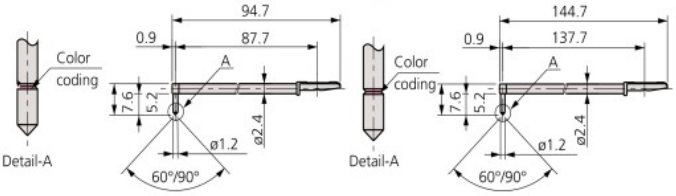

**12AAC734** (2μm)*
**12AAB406** (5μm)**
**12AAB418** (10μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

### For ultra-small hole *1*2




**12AAJ662** (0.25mm)
( ): Tip radius

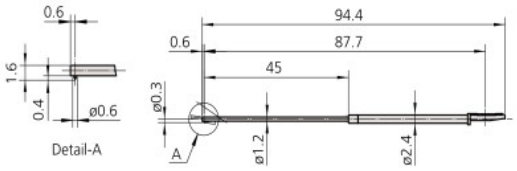
### For deep hole (2X long and 3X long)




2X stylus
**12AAC740** (2μm)*
**12AAB413** (5μm)**
**12AAB425** (10μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

3X stylus
**12AAC741** (2μm)*
**12AAB414** (5μm)**
**12AAB426** (10μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

### For small-slotted hole




**12AAE938** (2μm)*
**12AAE940** (5μm)**
( ): Tip radius
*Tip angle: 60° **Tip angle: 90°

*1: For downward-facing measurement only
*2: Used for calibration, a standard step gauge (No.178-611, option) is also required.

| Tip radius | 1μm | 2μm | 5μm | 10μm | 250μm |
|---|---|---|---|---|---|
| Color coding | White | Black | No color | Yellow | No notch or color |