

# SURFACE ROUGHNESS SPECIMEN SET

## PART NO. ISR-CSE130



- For checking, identifying and specifying the roughness by symbol
- Accuracy: +20% ~ -25%,  $Ra \leq 4\mu\text{m}/0.1\mu\text{m}$   
Accuracy: +12% ~ -17%,  $Ra > 4\mu\text{m}/0.1\mu\text{m}$
- Meets ISO 2632
- Rust-proof, made of pure Nickel

Machining method	Roughness (Ra)	Roughness (Rz)	Quantity
Flat lapping	2, 4, 8 $\mu\text{m}$	22.1, 40, 63 $\mu\text{m}$	3pcs
	0.05, 0.1, 0.2 $\mu\text{m}$	0.55, 1, 1.6 $\mu\text{m}$	
Reaming	16, 32, 63 $\mu\text{m}$	120, 240, 400 $\mu\text{m}$	3pcs
	0.4, 0.8, 1.6 $\mu\text{m}$	3, 6, 10 $\mu\text{m}$	
Plain grinding	2, 4, 8, 16, 32, 63 $\mu\text{m}$	22.1, 40, 63, 120, 240, 400 $\mu\text{m}$	6pcs
	0.05, 0.1, 0.2, 0.4, 0.8, 1.6 $\mu\text{m}$	0.55, 1, 1.6, 3, 6, 10 $\mu\text{m}$	
Horizontal milling	16, 32, 63, 125, 250, 500 $\mu\text{m}$	100, 160, 320, 640, 1280, 2000 $\mu\text{m}$	6pcs
	0.4, 0.8, 1.6, 3.2, 6.3, 12.5 $\mu\text{m}$	2.5, 4, 8, 16, 32, 50 $\mu\text{m}$	
Vertical milling	16, 32, 63, 125, 250, 500 $\mu\text{m}$	100, 160, 320, 640, 1280, 2000 $\mu\text{m}$	6pcs
	0.4, 0.8, 1.6, 3.2, 6.3, 12.5 $\mu\text{m}$	2.5, 4, 8, 16, 32, 50 $\mu\text{m}$	
Turning	16, 32, 63, 125, 250, 500 $\mu\text{m}$	100, 160, 320, 640, 1280, 2000 $\mu\text{m}$	6pcs
	0.4, 0.8, 1.6, 3.2, 6.3, 12.5 $\mu\text{m}$	2.5, 4, 8, 16, 32, 50 $\mu\text{m}$	