

# SURFACE ROUGHNESS SPECIMEN SET

## PART NO. ISR-CSE130

**INSIZE** PLUS  
MADE IN EUROPE



- For checking, identifying and specifying the roughness by symbol
- Rust-proof, made of pure Nickel

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

\* The actual value is the value to be calibrated.