SHOT AND GRIT BLASTING SURFACE ROUGHNESS SPECIMENS

INSIZE PLUS

- To check the roughness of steel surfaces which have been blast cleaned before painting
- Meets ISO 8503/1
- Rust-proof, made of pure Nickel
- Each piece contains 4 parts

Code	Machining method	Roughness (Ra)*	Roughness (Rz)*
ISR-CS017	shot blasting	3.2, 8, 13, 18μm	19.2, 48, 78, 108μm
ISR-CS018	grit blasting	3.2, 10.5, 18, 25μm	19.2, 63, 108, 150μm

* The actual value is the value to be calibrated



ISR-CS017

SURFACE ROUGHNESS REFERENCE SPECIMENS

INSIZE PLUS

MEASURING ACCURACY OF ROUGHNESS TESTERS CAN BE IMPROVED, IF THE CALIBRATION IS MADE ON A REFERENCE SPECIMEN WITH THE ROUGHNESS VALUE CLOSE TO THE WORKPIECE TO BE MEASURED

- To calibrate roughness testers
- Meets ISO 5436-1: 2000
- Rust proof, made of pure Nickel

Code	Roughness (Ra)
ISR-RS525X	6.25μm*
ISR-RS526X	3.15μm*
ISR-RS527X	3.0μm *
ISR-RS528X	0.5μm *
ISR-RS529X	0.1μm *
ISR-RS530X	1.0μm *
ISR-RS531X	0.3μm *

*The actual value may be slightly different



ISR-RS529X

SURFACE ROUGHNESS REFERENCE SPECIMENS

MEASURING ACCURACY OF ROUGHNESS TESTERS CAN BE IMPROVED, IF THE CALIBRATION IS MADE ON A REFERENCE SPECIMEN WITH THE ROUGHNESS VALUE CLOSE TO THE WORKPIECE TO BE MEASURED

- To calibrate roughness testers
- Made of glass

Code	Shape*	Roughness (Ra)	Deviation**	Uniformity
ISR-LS601	square wave	0.1μm	-20% ~ +10%	3%
ISR-LS602	square wave	0.2μm	±10%	3%
ISR-LS603	square wave	0.4μm	±10%	3%
ISR-LS604	square wave	0.8μm	±10%	3%
ISR-LS605	square wave	1.6μm	±10%	3%
ISR-LS606	square wave	3.2μm	±10%	2%
ISR-LS607	square wave	6.4μm	±10%	2%
ISR-LS601S	sine wave	0.1μm	-20% ~ +10%	3%
ISR-LS602S	sine wave	0.2μm	±10%	3%
ISR-LS603S	sine wave	0.4μm	±10%	3%
ISR-LS604S	sine wave	0.8μm	±10%	3%
ISR-LS605S	sine wave	1.6μm	±10%	3%
ISR-LS606S	sine wave	3.2μm	±10%	2%
ISR-LS607S	sine wave	6.4μm	±10%	2%

*Surface roughness reference specimens with sine wave can be labeled with Rz parameter (customized)

**Deviation between the actual value when supply and the nominal value



ISR-LS603