

PRODUCT INFORMATION

Features, Technical Data, Optional
Accessories and Specifications

Coolant Proof Micrometer Series 293-with Dust/Water Protection Conforming to IP65 Level

Series 293

FEATURES

Coolant Proof Micrometers MDC-MX Series

Twice as Long Battery Life as before and Drastic Improvement in Measurement Efficiency

- IP65 protection level, enabling use in environments exposed to cutting oil, etc*.

*Anti-corrosion treatment is required after use.

- Measurement data output function is available with a water-resistant connection cable.
- Auto power ON/OFF function. • Certificate of inspection* is included.
(50mm/2" or less range models) *It is not the type used to obtain calibration certificates.
- With a standard bar except for 0-25mm/0-1" model.
- Supplied in fitted case. Plastic case up to 150mm/6",
Wooden box over 150mm/6"



Dimensions



Literature



Accessories

Technical Data

Accuracy: Refer to the list of specifications.

Resolution: 0.001mm or .00005"/0.001mm

Flatness: 0.3µm/.000012"

Parallelism: 1µm/.00004" for models up to 50mm/2"

2µm/.00008" for models up to 100mm/4"

3µm/.00012" for models up to 175mm/7"

4µm/.00016" for models up to 275mm/11"

5µm/.0002" for models over 300mm/12"

Measuring faces: Carbide tipped

Display: LCD

Battery: SR44 (1 pc.), 938882

Battery life: Approx. 1.2 years under normal use

(8 months: over 100mm models)

Dust/Water protection level: IP65

Function

Origin-set, Zero-setting, Automatic power on/off, Data hold,

Data output, inch/mm conversion

(inch/mm models)

Alarm: Low voltage, Counting value composition error

Optional Accessories

05CZA662: SPC cable with data switch (1m/40")

05CZA663: SPC cable with data switch (2m/80")

[Parts Break Down](#)

Inch/Metric	Metric	SETS				
Order No	Description	Image	Range	Accuracy	Remarks	
293-330-30	Coolant Proof IP65-MX		0-1in 0-25.4mm	±.00005in	with ratchet stop	
293-331-30	Coolant Proof IP65-MX	-	1-2in 25.4-50.8mm	±.00005in	with ratchet stop	
293-332-30	Coolant Proof IP65-MX	-	2-3in 50.8-76.2mm	±.00005in	with ratchet stop	
293-333-30	Coolant Proof IP65-MX	-	3-4in 76.2-101.6mm	±.0001in	with ratchet stop	
293-334-30	Coolant Proof IP65-MX	-	0-1in 0-25.4mm	±.00005in	With SPC output Ratchet Thimble	
293-335-30	Coolant Proof IP65-MX		0-1in 0-25.4mm	±.00005in	with friction thimble	

293-336-30	Coolant Proof IP65-MX	-	1-2in 25.4-50.8mm	±.00005in	with friction thimble
293-340-30	Coolant Proof IP65-MX	-	0-1in 0-25.4mm	±.00005in	with ratchet stop w/o SPC
293-341-30	Coolant Proof IP65-MX	-	1-2in 25.4-50.8mm	±.00005in	with ratchet stop w/o SPC
293-342-30	Coolant Proof IP65-MX	-	2-3in 50.8-76.2mm	±.00005in	with ratchet stop w/o SPC
293-343-30	Coolant Proof Micrometer IP65		3-4in 76.2-101.6mm	±.0001in	with ratchet stop w/o SPC
293-344-30	Coolant Proof IP65-MX	-	0-1in 0-25.4mm	±.00005in	with ratchet thimble w/o SPC
293-345-30	Coolant Proof IP65-MX	-	1-2in 25.4-50.8mm	±.00005in	with ratchet thimble w/o SPC
293-346-30	Coolant Proof IP65-MX	-	2-3in 50.8-76.2mm	±.00005in	with ratchet thimble w/o SPC
293-347-30	Coolant Proof IP65-MX	-	3-4in 76.2-101.6mm	±.0001in	with ratchet thimble w/o SPC
293-348-30	Coolant Proof IP65-MX	-	0-1in 0-25.4mm	±.00005in	with friction thimble w/o SPC
293-350-30	Coolant Proof Micrometer IP65		4-5in 101.6-127mm	±.0001in	with ratchet stop
293-351-30	Coolant Proof Micrometer IP65		5-6in 127-152.4mm	±.0001in	with ratchet stop
293-352-30	Coolant Proof Micrometer IP65		6-7in 152.4-177.8mm	±.00015in	with ratchet stop
293-353-30	Coolant Proof Micrometer IP65	-	7-8in 177.8-203.2mm	±.00015in	with ratchet stop
293-354-30	Coolant Proof Micrometer IP65		8-9in 203.2-228.6mm	±.00015in	with ratchet stop
293-355-30	Coolant Proof Micrometer IP65	-	9-10in 228.6-254mm	±.0002in	with ratchet stop
293-356-30	Coolant Proof Micrometer IP65	-	10-11in 254-279.4mm	±.0002in	with ratchet stop
293-357-30	Coolant Proof Micrometer IP65	-	11-12in 279.4-304.8mm	±.0002in	with ratchet stop

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Dimensions



Literature



Accessories

ARGENTINE AUSTRALIA AUSTRIA BELGIUM BOLIVIA BRAZIL CANADA CHILE CHINA COLOMBIA COSTA RICA CZECH REPUBLIC DENMARK ECUADOR
EL SALVADOR FINLAND FRANCE GERMANY GUATEMALA HUNGARY INDIA INDONESIA ITALY JAPAN MALAYSIA MEXICO NETHERLANDS NEW ZEALAND NORWAY
PANAMA PARAGUAY PERU PHILIPPINES POLAND PORTUGAL REPUBLIC OF KOREA RUSSIA SINGAPORE SPAIN SWEDEN SWITZERLAND TAIWAN THAILAND
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