

CALIBRATION CERTIFICATE

Customer

0155600

Identification number

138573167

Gauge application

Incoming inspection

Standard of thread

Metric ISO threads acc. to ISO 965:2013/ISO 1502:1996

Type of gauge

GO/NOT GO thread plug gauge

Thread designation

M 12x1.75-6H

Pitch

1,7500 mm

Measuring method Wire diameter

Three wires method 1.0104 mm

second wire diameter

1,0104 mm

Measuring force

Measurement traceability

9,90 N

Measurement traceability

Mahr 828 Nr.31

single gauge ID 316275 014252 D-K-15048-01-00 2019-03

Gauge nominal values Go side Not Go side Major diameter max. 12.0230 mm 11,4295 mm Major diameter min. 12,0010 mm 11.4075 mm Pitch diameter max. 10,8805 mm 11,0740 mm Pitch diameter min. 10,8695 mm 11,0630 mm Minor diameter max. 9,8530 mm 9,8530 mm

Measuring values Pitch diameter - Go side

Plane	Axial section	PitchØ [mm]	Out of tolerance [µm]
2	0 Degree	10,8730	-

Measuring values Pitch diameter - Not go side

Plane	Axial section	PitchØ [mm]	Out of tolerance [µm]
2	0 Degree	11,0686	-

Valuation: usable

Operator:

Date: 07.10.2020

(Sahan-Bitzer)