



## CALIBRATION CERTIFICATE

**Customer** : 0155600  
**Identification number** : 129794163  
**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 6x1-6H  
**Pitch** : 1,0000 mm  
**Measuring method** : Three wires method  
**Wire diameter** : 0,5770 mm  
**second wire diameter** : 0,5770 mm  
**Measuring force** : 4,10 N  
**Measurement traceability** : Mahr 828 Nr.31  
**Measurement traceability** : Gauge block set ID 3997 57308 D-K-15190-01-00 2015-06

Gauge nominal values	Go side	Not Go side
Major diameter max.	: 6,0230 mm	5,7165 mm
Major diameter min.	: 6,0010 mm	5,6945 mm
Pitch diameter max.	: 5,3675 mm	5,5110 mm
Pitch diameter min.	: 5,3565 mm	5,5000 mm
Minor diameter max.	: 4,7730 mm	4,7730 mm

### Measuring values Pitch diameter - Go side

Plane	Axial section	PitchØ [mm]	Out of tolerance [µm]
2	0 Degree	5,3610	-

### Measuring values Pitch diameter - Not go side

Plane	Axial section	PitchØ [mm]	Out of tolerance [µm]
2	0 Degree	5,5060	-

Valuation: usable

Operator:

  
 (Bantle)

Date: 25.02.2021