

CPG三次元マスターゲージ

Threaded Hole Location Gauge

ねじ穴位置やピッチ測定に最適

Suitable for measuring threaded hole positions and their center distances

M3～M20まで常時在庫

Stocked all the time from thread size of M3 to M20 (検査成績表付 With inspection report)



使用例 Usage example



- ▶ ねじ部は6Hもしくは2級の通りの規格になっており有効径の検査が行えます
The thread member is based on 6H or class 2 of GO side standard and can be used to inspect the pitch diameter of the thread hole
- ▶ 円筒部は同軸度0.01以内、端面は直角度0.005以内となっています
The cylindrical member (pin gauge part) has concentricity within 0.01 and the perpendicularity of its end-face is within 0.005, with respect to the thread member
- ▶ ねじ穴とねじマスターゲージは締め付けにより互いの中心が保持されます
The center of both threaded hole and thread member is maintained by tightening mechanism
- ▶ 材質はSKS-31(ゲージ鋼)を使用し、熱処理硬度HRC58以上となっています
The material used is SKS-31 with its hardness beyond HRC58 after heat treatment

繰返し精度

Repeatability

三次元測定機による繰返し測定データ

The repeatability data of CPG measured by CMM

	M6 X座標 X-coordinate	M6 Y座標 Y-coordinate	M8 X座標 X-coordinate	M8 Y座標 Y-coordinate
1回目 First	-9.970	-50.009	80.001	10.000
2回目 Second	-9.969	-50.009	80.003	10.001
3回目 Third	-9.970	-50.008	80.001	10.000
4回目 Fourth	-9.968	-50.008	80.001	10.000
5回目 Fifth	-9.971	-50.009	80.003	10.001
最大差 Max.difference	0.003	0.001	0.002	0.001

