## 厦门金鹭特种合金有限公司





## **Description of abnormal weight**

## Dear Herramientas Iorenzo Salvador España,s.l

Based on the tolerance on the drawing, the theoretical volume range is from 174,597.458 to 178,505.4347 mm<sup>3</sup>.

The density client required is 17.6g/cm³, so the density between 17.55-17.64g/cm³ (round to17.6) all meet the requirements.

The theoretical unit weight range should be calculated as below:

 $V_{\text{max}} \times \rho_{\text{max}} = \frac{178,505.4347}{178,505.4347} \times 17.64 \div 1000 = \frac{3148.83}{1000} \text{ g}$  $V_{min} \times \rho_{min} = \frac{174,597.458}{1000} \times 17.55 \div 1000 = \frac{3064.18}{1000} g$ 

So the theoretical weight range: 3064.18g-3148.83g

Weight range 3176  $\pm$  20g (3156-3196g) specified by the clients on the drawing seems wrong.

Based on our test record, the weight of these 100 pcs ranges from 3080-3091 g. The variable momentum is about 11g which is in an excellent level of control.

So please kindly review the weight range in the drawing. Thank you!

**Best Regards** 

Xiamen Golden Egret Special Alloy Co., Ltd

No.69 Xinglong Road, Huli District, Xiamen, China

Tel.: +86 (0)592 6023661, Fax: +86 (0)592 6686617 E-mail: gesac@cxtc.com

No.69 Xinglong Road Huli District, Xiamen, China Tel.: +86 (0)592 6023661, Fax: +86 (0)592 6686617 E-mail: gesac@cxtc.com