



TROEMNER

Technical Paper

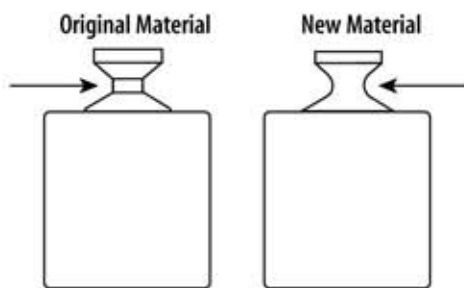
How to Distinguish Alloy 8 Stainless Steel
Precision Weight Material

How to Distinguish the New Alloy 8 Stainless Steel Precision Weight Material

Over the last two years, Troemner has upgraded the material used in our weights, including our new Alloy 8 Stainless Steel. The physical dimensions of the weights have been changed in order to distinguish the material grade for calibration purposes. Here is a guide to those changes:

Alloy 8 Stainless Steel Precision Weights

ANSI/ASTM Weights



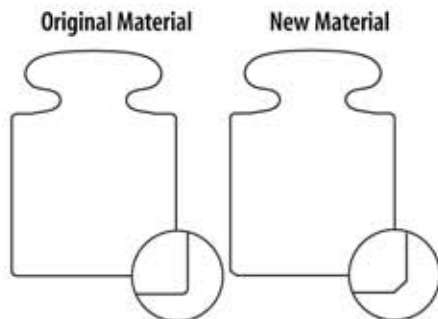
ANSI/ASTM Class 0

Size	Material	Density
1g to 50kg	Alloy 8	8.03g/cm ³

Troemner Ultra Class™ and ANSI/ASTM Class 1, 2, 3 & 4

Size	Material	Density
1g to 1kg	Alloy 8	8.03g/cm ³
2kg to 50kg	316 Stainless Steel	7.95g/cm ³

OIML R111 Weights



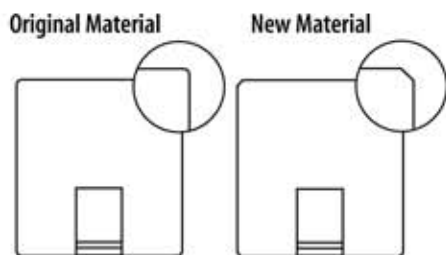
OIML R111 E1 & E2

Size	Material	Density
1g to 50kg	Alloy 8	8.03g/cm ³

OIML R111 F1 & F2

Size	Material	Density
1g to 1kg	Alloy 8	8.03g/cm ³
2kg to 50kg	316 Stainless Steel	7.95g/cm ³

Stainless Steel Electronic Balance Calibration Weights



Troemner Ultra Class™ and ANSI/ASTM Class 1, 2, 3 & 4

Size	Material	Density
10g to 1kg	316 Stainless Steel	7.95g/cm ³
2kg to 30kg	303 Stainless Steel	7.85g/cm ³

For additional information, please contact a Troemner sales representative at 1-800-352-7705.