

// FEV - ROUND EDGE PROFILES MADE OF STAINLESS STEEL 1.4404 / 316L

<b>Item-no.</b>	FEV
<b>Product group</b>	Round edge profiles
<b>Height</b>	8 / 10 mm
<b>Length</b>	250 cm
<b>Material</b>	Stainless steel V4A (316) Material number: 1.4571 Billet X2CrNiMo17-12-2
<b>Surface</b>	glossy
<b>Fire resistance in accordance to DIN EN 13501</b>	A1 (non-flammable)
<b>Linear coefficient of expansion</b>	$16.5 \times 10^{-6} \text{ m/m}^\circ\text{C}$
<b>Density approx</b>	8 kg/dm <sup>3</sup>
<b>Hardness approx</b>	<215 HB
<b>Tensile strenght Rm at 20°C</b>	500 – 700 N/mm <sup>2</sup>
<b>Elongation A5, 65</b>	>40 %
<b>Yield strenght Rp 0,2%</b>	>200 N/mm <sup>2</sup>
<b>Thermal conductivity</b>	15 W/m K
<b>Electrical resistance</b>	0.75 (ohm) mm <sup>2</sup> /m

**Drawing**

