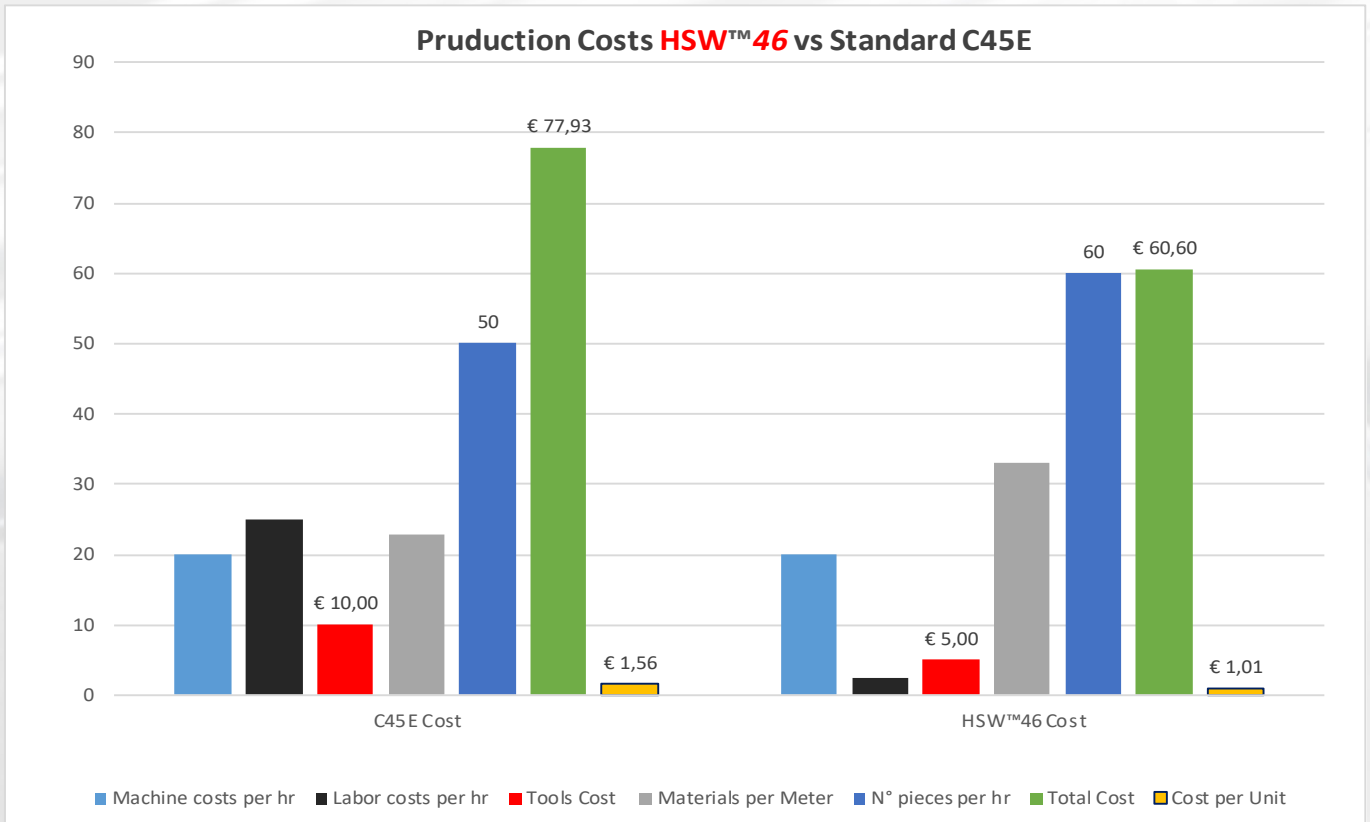




WINTRADE S.r.l.
CHROME PLATED BARS • STEEL TUBES • SPECIAL STEELS

HSW™ 46

*Free Cutting Steel
Chromed bar*



A test was made comparing **HSW™46** Ø 8 mm bar (70 mm length) against Standard C45E Ø 8 mm bar (70 mm length). The steels were comparable in composition and mechanical properties according to EN10083-3. **HSW™46** bar had far fewer problems with straightness, vibrations and chip performance – and the tool life was extended by 50%. Because of the lesser production problems, **HSW™46** can be considered for automated production. “A cost savings of 34% per unit is quite dramatic,” as reported by one of our customers, who was involved in the test (see results below).

	C45E		HSW™46		C45E Cost	HSW™46 Cost
	€.	Qty	€.	Qty		
<i>Machine costs per hr</i>	20	1	20	1	€ 20,00	€ 20,00
<i>Labor costs per hr</i>	25	1	25	0,1	€ 25,00	€ 2,50
<i>Tools Cost</i>	10	1	5	1	€ 10,00	€ 5,00
<i>Materials per Meter</i>	6,55	3,5	7,88	4,2	€ 22,93	€ 33,10
<i>N° pieces per hr</i>					50	60
<i>Total Cost</i>					€ 77,93	€ 60,60
<i>Cost per Unit</i>					€ 1,56	€ 1,01