

**HSS hand reamer**  
for universal use up to 1000N/mm<sup>2</sup>



**Application**

For cutting H7 fit tolerances manually in the blind hole up to 1000 N/mm<sup>2</sup>.

**Version**

- 7-8° left-hand spiral, uneven pitch and long notch shape

**Advantage**

- Good bore hole quality (dimensional tolerance, roundness, surface quality)

Application	Steel (N/mm <sup>2</sup> )			Stainless steel		Alu		Brass		Bronze		Plas-tics	Graphite G(C)FK	GG(G) GjMW	Titan-alloy	Nickel-alloy	Super-alloy	Hard mat.	
	<700	<1000	<1300	marten.	austen.	short	long	short	long	short	long							<55 HRC	<65 HRC
	●	●	○	○	○	●	○	●	○	●	○	○		○	○	○			

<b>Art. No.</b>	<b>11603 140</b>
<b>Cutting material</b>	HSS
<b>Tolerance of fit</b>	H7
<b>Groove type</b>	Straight
<b>Cutting edge diameter</b>	14 mm
<b>Length</b>	163 mm
<b>Cutting edge length</b>	81 mm
<b>Number of cutting edges</b>	8 PCS
<b>Shank square</b>	11 mm
<b>Form</b>	A

**EAN-Code**

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