

## FEIN KERNBOHRER 3/4 in WELDON



		<b>FEIN HM ULTRA SPEED</b> HM/ TCT [WC-Co] + TiAlSiN 1 450 HV TiAlSiN (3 µm) 3 800 HV	<b>FEIN HM ULTRA</b> HM/TCT [WC-Co] 1 450 HV	<b>FEIN HSS DURA</b> HSS + TiN 64 HRC (800 HV) TiN (3 µm) 1 550 HV	<b>FEIN HSS NOVA</b> HSS 64 HRC (800 HV)	<b>FEIN HSS SPECIAL</b> HSS 64 HRC (800 HV) Mehrschicht- Geometrie
	<b>3/4 in Weldon</b>					
	25 mm	-	-	Ø 12-60 mm	Ø 12-60 mm	Ø 12-35 mm
	35 mm	Ø 14-36 mm	Ø 12-60 mm	-	-	-
	50 mm	-	Ø 12-65 mm	Ø 12-60 mm	Ø 12-60 mm	Ø 12-50 mm
	75 mm	-	Ø 18-65 mm	-	Ø 19-60 mm	-
100 mm	-	-	-	Ø 21-50 mm*	-	
	< 10% Si < 600 N/mm <sup>2</sup>	✓✓	✓	✓	✓✓	✓✓
	> 10% Si < 600 N/mm <sup>2</sup>	✓	-	✓	✓	✓
	< 500 N/mm <sup>2</sup>	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓
	< 750 N/mm <sup>2</sup>	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓
	< 900 N/mm <sup>2</sup>	✓✓✓	✓✓✓	✓✓	✓	✓
	< 1 100 N/mm <sup>2</sup>	✓✓	✓✓	✓	-	-
	< 700 N/mm <sup>2</sup>	✓✓	✓✓	✓✓	✓	✓
	> 700 N/mm <sup>2</sup>	✓	✓	✓	-	-
	< 300 N/mm <sup>2</sup>	✓✓✓	✓✓✓	-	✓	✓
	< 500 N/mm <sup>2</sup>	✓✓	✓✓	-	-	-

## QuickIN



		<b>FEIN HM ULTRA</b> HM/TCT [WC-Co] 1 450 HV	<b>FEIN HSS DURA</b> HSS + TiN 64 HRC (800 HV). TiN (3 µm) 1 550 HV	<b>FEIN HSS NOVA</b> HSS 64 HRC (800 HV)
	<b>QuickIN</b>			
	25 mm	-	Ø 12-50 mm	Ø 12-50 mm
	35 mm	Ø 12-65 mm	-	-
	50 mm	-	Ø 12-50 mm	Ø 12-50 mm
75 mm	Ø 18-65 mm	-	-	
	< 10% Si < 600 N/mm <sup>2</sup>	✓	✓	✓✓
	> 10% Si < 600 N/mm <sup>2</sup>	-	✓	✓
	< 500 N/mm <sup>2</sup>	✓✓✓	✓✓✓	✓✓✓
	< 750 N/mm <sup>2</sup>	✓✓✓	✓✓✓	✓✓
	< 900 N/mm <sup>2</sup>	✓✓✓	✓✓	✓
	< 1 100 N/mm <sup>2</sup>	✓✓	✓	-
	< 700 N/mm <sup>2</sup>	✓✓	✓✓	✓
	> 700 N/mm <sup>2</sup>	✓	✓	-
	< 300 N/mm <sup>2</sup>	✓✓✓	-	✓
	< 500 N/mm <sup>2</sup>	✓✓	-	-

## FEIN KERNBOHRER WELDON 32



**FEIN  
HM ULTRA**  
HM/ TCT [WC-Co]  
1 450 HV

		<b>WELDON 32</b>
	<b>WELDON 32</b>	
	25 mm	-
	35 mm	-
	50 mm	Ø 50-110 mm
	75 mm	-
100 mm	Ø 50-110 mm	
	< 10% Si < 600 N/mm <sup>2</sup>	✓
	> 10% Si < 600 N/mm <sup>2</sup>	-
	< 500 N/mm <sup>2</sup>	✓✓✓
	< 750 N/mm <sup>2</sup>	✓✓✓
	< 900 N/mm <sup>2</sup>	✓✓✓
	< 1 100 N/mm <sup>2</sup>	✓✓
	< 700 N/mm <sup>2</sup>	✓✓
	> 700 N/mm <sup>2</sup>	✓
	< 300 N/mm <sup>2</sup>	✓✓✓
	< 500 N/mm <sup>2</sup>	✓✓

\* nicht für Überlappungsbohrungen geeignet