

# Hartmetallfräser • Tungsten Carbide Cutters • Fraises en carbure de tungstène

## SFN Einfachverzahnung superfein • Superfine Plain Cut • Denture simple superfine


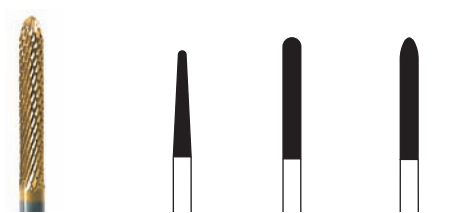


HF138SFN-008



HF079SFN-045

## SFTE Superfeine Verzahnung • Superfine Cut • Denture superfine avec revêtement du nitrure de TITANE


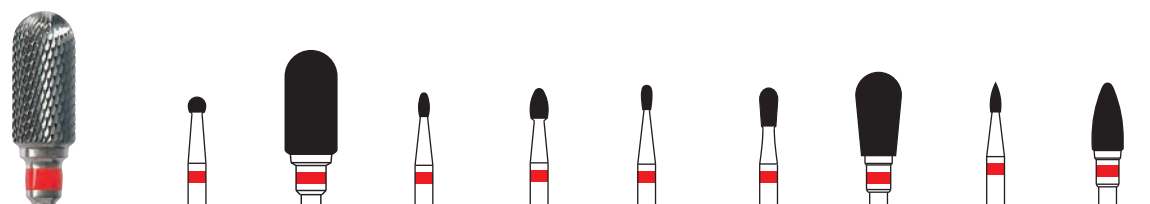
Größe/Size/Taille ø 1/10 mm	023	023	023
L mm	14,0	16,0	16,0
Shank	ISO		
HP	506 104 ...	201 110 ...	137 110 ...
	292 110 ...		
REF HF ...	261 SFTE-023	293 SFTE-023	295 SFTE-023




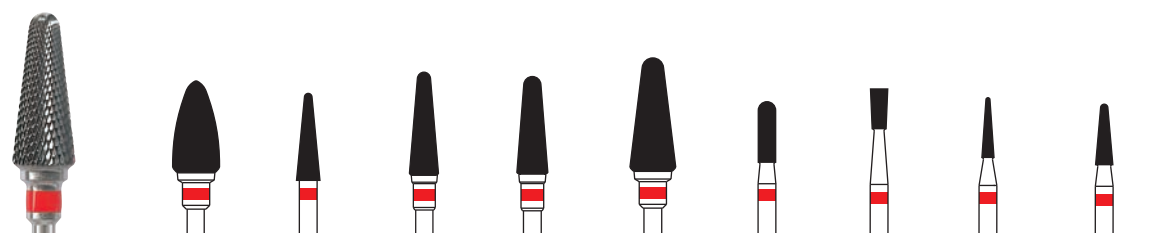
HF261SFTE-023

Titannitrid - beschichtete Fräser  
 Titanium-nitride coated Cutters  
 Fraises revêtues de nitrure de titane

## FE Kreuzverzahnung fein • Fine Cross Cut • Denture croisée fine

Größe/Size/Taille ø 1/10 mm	023	060	014	023	014	023	060	012	040
L mm	2,0	12,5	3,1	3,9	3,2	5,0	11,0	3,5	8,9
Shank	ISO								
HP	506 104 ...	001 140 ...	143 140 ...	277 140 ...	277 140 ...	237 140 ...	237 140 ...	237 140 ...	257 140 ...
	257 140 ...								
REF HF ...	071 FE-023	072 FE-060	073 FE-014	073 FE-023	077 FE-014	077 FE-023	077 FE-060	078 FE-012	078 FE-040

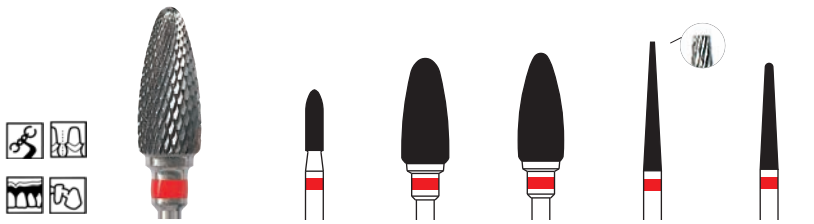
Größe/Size/Taille ø 1/10 mm	060	031	040	045	060	023	023	016	023
L mm	12,2	11,5	14,1	12,9	15,0	8,0	5,3	8,0	8,0
Shank	ISO								
HP	506 104 ...	257 140 ...	199 140 ...	201 140 ...	200 140 ...	201 140 ...	141 140 ...	225 140 ...	198 140 ...
	198 140 ...								
REF HF ...	078 FE-060	079 FE-031	079 FE-040	079 FE-045	079 FE-060	129 FE-023	137 FE-023	138 FE-016	138 FE-023

Bitte Drehzahlbereiche beachten (Drehzahltable - Seite 11.15) / Please observe Recommended speeds (speed chart - page 11.15) / Respecter les vitesses de rotation recommandées (voir à la page 11.15)

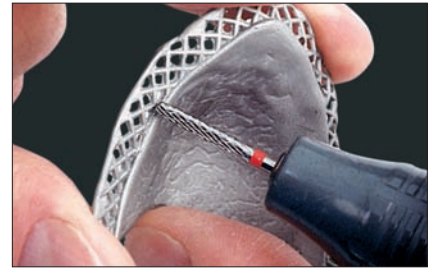
# Hartmetallfräser • Tungsten Carbide Cutters • Fraises en carbure de tungstène

## FE Kreuzverzahnung fein • Fine Cross Cut • Denture croisée fine

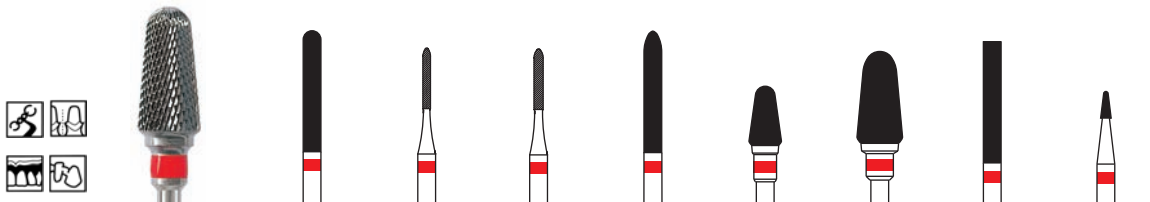
Labor • Laboratory • Laboratoire



Größe/Size/Taille ø 1/10 mm	023	060	060	023	023	
L mm	8,0	13,9	14,2	17,0	14,0	
Shank	ISO 1					
HP	500 104 ...	289 140 ...	274 140 ...	275 140 ...	187 140 ...	201 140 ...
REF HF ...		<b>139FE-023</b>	<b>251FE-060</b>	<b>L251FE-060</b>	<b>257FE-023</b>	<b>261FE-023</b>



HF293FE-023



Größe/Size/Taille ø 1/10 mm	023	010	012	023	040	060	023	014	
L mm	16,0	8,0	8,0	16,0	7,8	12,2	16,0	3,5	
Shank	ISO 1								
HP	500 104 ...	137 140 ...	289 140 ...	289 140 ...	292 140 ...	263 140 ...	263 140 ...	116 140 ...	274 140 ...
REF HF ...		<b>293FE-023</b>	<b>295FE-010</b>	<b>295FE-012</b>	<b>295FE-023</b>	<b>351FE-040</b>	<b>351FE-060</b>	<b>364FE-023</b>	<b>390FE-014</b>

## CE Kreuzverzahnung standard • Standard Cross Cut • Denture croisée standard



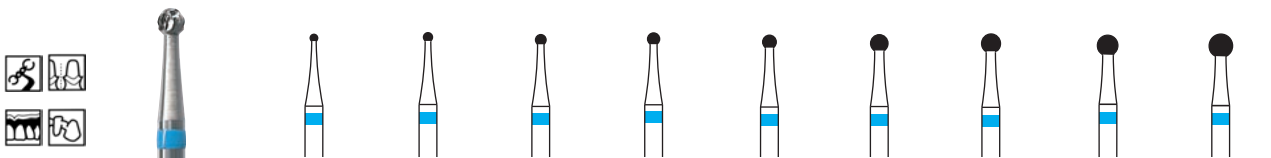
HF079CE-045



HF078CE-040



HFL077CE-060



Größe/Size/Taille ø 1/10 mm	010	012	014	016	018	023	025	027	031	
L mm	0,8	1,0	1,2	1,4	1,6	2,0	2,25	2,4	2,8	
Shank	ISO 1									
HP	500 104 ...	001 190 ...	001 190 ...	001 190 ...	001 190 ...	001 190 ...	001 190 ...	001 190 ...	001 190 ...	001 190 ...
REF HF ...		<b>071CE-010</b>	<b>071CE-012</b>	<b>071CE-014</b>	<b>071CE-016</b>	<b>071CE-018</b>	<b>071CE-023</b>	<b>071CE-025</b>	<b>071CE-027</b>	<b>071CE-031</b>

Bitte Drehzahlbereiche beachten (Drehzahltable - Seite 11.15) / Please observe Recommended speeds (speed chart - page 11.15) / Respecter les vitesses de rotation recommandées (voir à la page 11.15)