

TM



HFC – High Feed Cutter –

for Aluminum Milling



App for iOS
Available on the
App Store

App for ANDROID
ANDROID APP ON
Google play

WATCH ON
YouTube



www.NTK-cuttingtools.de
youtube.com/NTKCUTTINGTOOLS

HFC -High Feed Cutter-



Bezeichnung	Fräser Durchmesser		✳	Wz.Gewicht incl. Schneiden und Ersatzteile Kg	Max U/min	Lager
	mm	Inch				
JHF050C2200R07	50	1.969	7	0.5	20,000	●
JHF063C2200R10	63	2.480	10	0.8	20,000	●
JHF080A2700R12	80	3.150	12	1.1	18,000	●
JHF100A3200R16	100	3.937	16	1.6	18,000	●
JHF125A4000R22	125	4.921	22	2.4	15,000	●

Light weight aluminum body

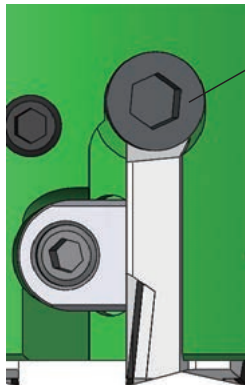


● Easy to cut cycle time



● A 25 HP machine can mount a ϕ 125 mm cutter

Adjustable edge height



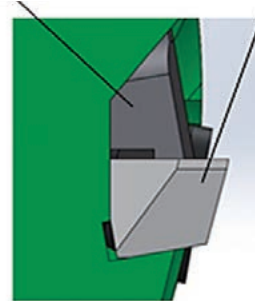
Axial set screw

● Easy adjustment system for axial direction

Safety clamp mechanism

Wedge

Insert



● Unique sphenoidal pocket prevents inserts from becoming dislodged

Internal coolant supply

● Coolant through mounting bolt for better chip evacuation

High speed capability

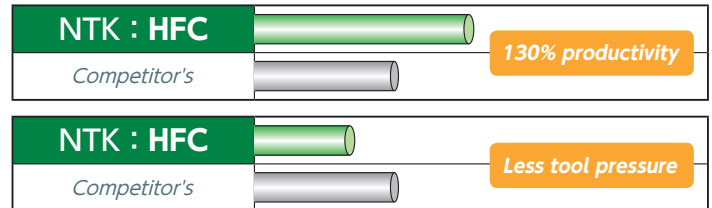
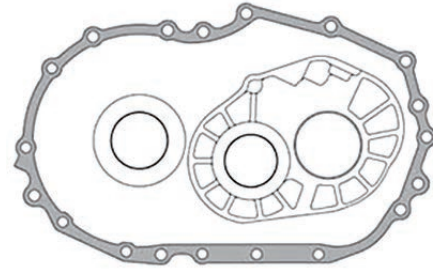
● Up to 20,000 rpm capability

Field Result

Part : Transmission Case
Material : ADC12

Cutter : JHF063C220R10
Insert : HFT802005C05 PD1

	NTK	Competitor's
Number of edges	10	6
Insert grade	PD1	PCD
RPM	10,000	12,000
SFM	6490	7790
IPM	400	312
IPT	0.004	0.004
DOC	.02"	.02"
Spindle load	23%	34%
Flatness	6 μ m	20 μ m

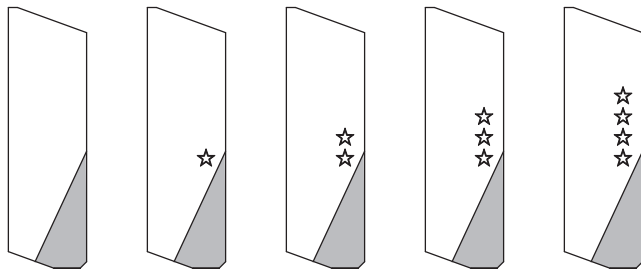


NTK Regrind Program

- Inserts can be reground up to (4*) times
- The diameter and height of the insert will change by .004" after each regrind
- The set of inserts placed back into the cutter must have the same amount of stars indicating number of regrinds

*The number of regrinds per insert may vary depending upon cutting conditions

Each insert will be marked with a star to indicate how many times it has been reground.



New

After 1st
regrinding

After 2nd
regrinding

After 3rd
regrinding

After 4th
regrinding

1 Send the inserts back to our NTK Wixom office with the appropriate paperwork. Minimum order is 30 pcs. (Note: Send in inserts with the same amount of regrind stars)



2 Delivery will be 6-8 weeks upon receiving your inserts



3 The insert number will be changed to the following HFT802006C05 RPD1



4 When installing NTK inserts into a cutter, please make sure that all the inserts have the same number of regrind stars

NGK | **NTK**
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