

NTK

HFC - High Feed Cutter - for Aluminum Milling

ver.2



App for iOS



App for ANDROID



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HFC -High Feed Cutter-



Item number	Cutter diameter			Weight includes inserts/parts		Max RPM	Stock
	Inch	mm		lbs	kg		
JHF050C2200R07	1.969	φ50	7	0.5	0.23	20,000	●
JHF063C2200R10	2.480	φ63	10	0.8	0.38	20,000	●
JHF080A2540R12	3.150	φ80	12	1.1	0.48	18,000	●
JHF100A2540R16	3.937	φ100	16	1.6	0.74	18,000	●
JHF125A2540R22	4.921	φ125	22	2.4	1.10	15,000	●

More teeth=More productivity



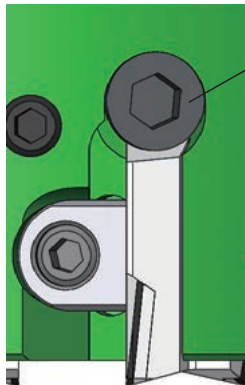
- Easy to cut cycle time

Light weight aluminum body



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

Adjustable edge height



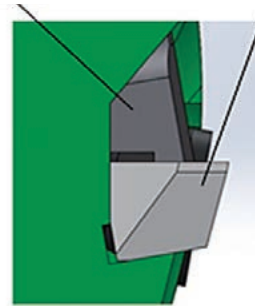
Axial set screw

- 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

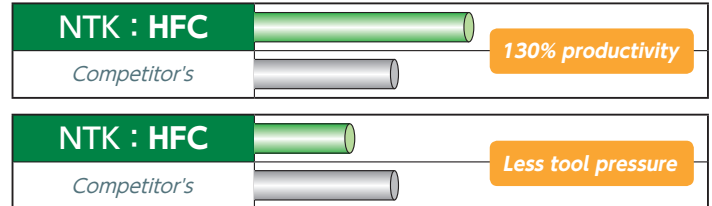
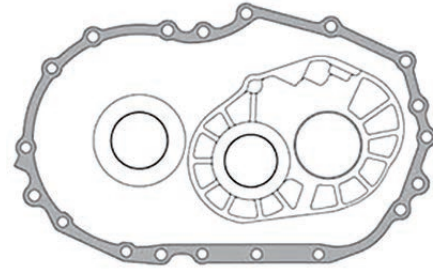
- Up to 20,000 rpm capability

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 μm	20 μm

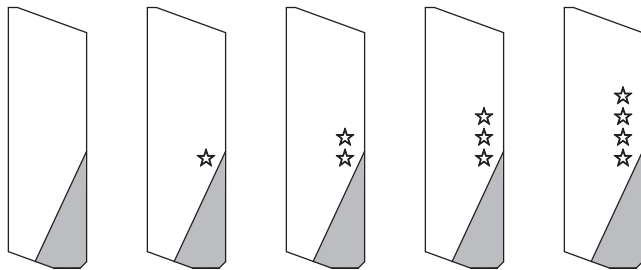


NTK Regrind Program

- 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.)
For orders greater than 50 pcs, NTK will manage the inserts in lots for regrind process.



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

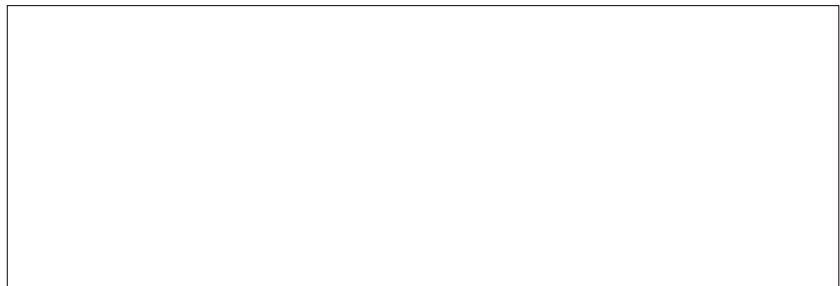


3 The insert number will be changed to the following
HFT802006C05 RPD1



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

DISTRIBUTED BY



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