T/ERF6000

Diameter ϕ80~315mm | R 10mm

Superalloys | Stainless | Hard Materials

Face Milling | Radius Milling

For face milling of hard materials and other difficult-to-cut materials

TRF6000 I

ERF6000

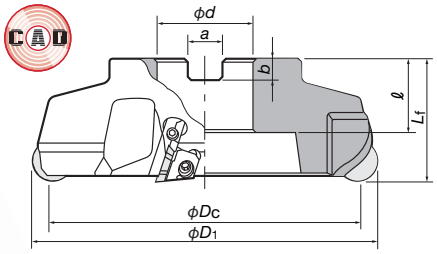

Fig.A

Rake angle A.R. +19° R.R. +3°

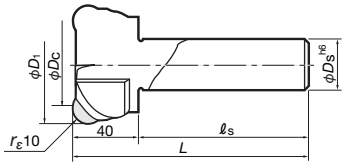

Fig.B

Maximum depth of cut : 3mm (RFEN2004ZF□N), 10mm (RFEN2004M0□N)

TRF6000 I (Fig.A,Irregular pitch design for vibration-free milling)

Cat. No.	Stock		No. of teeth	Dimensions (mm)							Weight (kg)	Mounting details
	R	L		øDc	øD1	øDs	ℓ	Lf	b	a		
TRF6003R/LI	●		4	80	100	25.4	26	50	6	9.5	1.4	9-144Ⓑ
TRF6004R/LI	●		5	100	120	31.75	32	63	8	12.7	2.5	
TRF6005R/LI	●		6	125	145	38.1	38		10	15.9	3.9	
TRF6006R/LI	●		8	160	180	50.8			11	19.0	5.8	
TRF6008R/LI	●		10	200	220	47.625			14	25.4	9.8	9-144Ⓒ
TRF6010R/LI			12	250	270						17.3	
TRF6012R/LI			14	315	335						27.8	9-144Ⓓ

ERF6000 (Fig.B, shank-type spec)

Cat. No.	Stock	No. of teeth	Dimensions (mm)				
			øDc	øD1	øDs	L	ℓs
ERF6050R	●	3	50	70	32	120	80
ERF6063R	●	4	63	83			

Note: The above TAC end mills are not irregular pitch spec.

Inserts

RFEN2004ZF□N
(With partially flattened flanks)

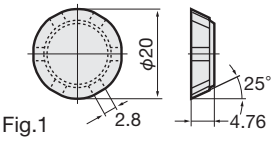

Fig.1

RFEN2004M0□N

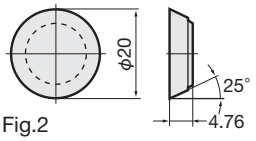

Fig.2

Cat. No. (Metric system)	Accuracy	Honing	Grade					Shape
			Coated		Uncoated			
			GH330	AH120	KS20	TU40	UX30	
RFEN2004ZFTN	E	With	●	●	●	▲	●	Fig.1
RFEN2004ZFFN		Without						
RFEN2004M0TN		With	●		●	●	●	Fig.2

Notes : • RFEN2004M0TN type inserts should not be used for finishing requiring surface finish better than 12S.
• RFEN2004ZF□N type Inserts can be used for both finishing and roughing at depth of cut up to 3 mm.
• RFEN2004M0TN does not have flattened flanks.

● : Stocked in Japan.
▲ : Shortly unavailable