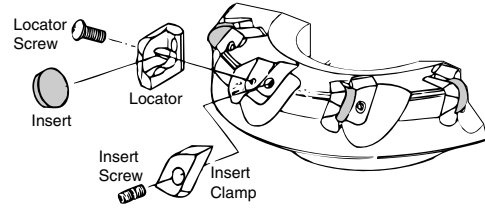


UFO Series Indexable Shell Mills

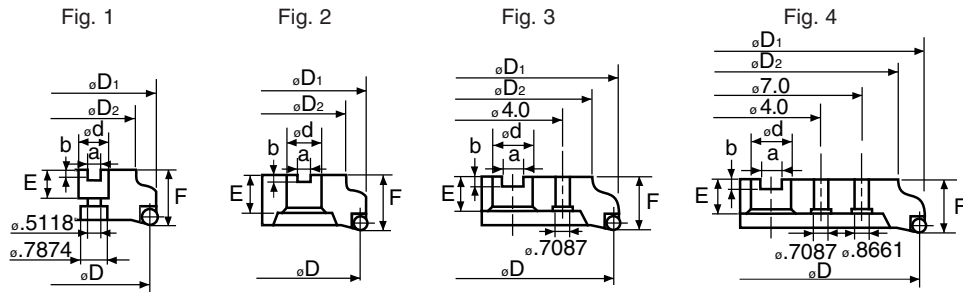
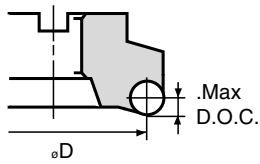
UFOR "600" Face Mills

**Ultra High Positive
Face Mill**






UFOR Face Mill Series

Axial Rake Angle: +25°
Radial Rake Angle: +10°








Catalog Number	Dimensions								No. of Teeth	Max. D.O.C.	Fig.
	D	D ₁	D ₂	F	d	a	b	E			
UFOR 603R	3	3.807	2.362	1.969	1.000	.375	.250	1.000	4	.375	1
UFOR 604R	4	4.748	2.953	2.362	1.500	.625	.405	1.496	5		2
UFOR 605R	5	5.712	2.953	2.362	1.500	.625	.405	1.496	6		3
UFOR 606R	6	6.673	3.937	2.362	2.000	.750	.437	1.496	8		4
UFOR 608R	8	8.630	5.118	2.362	2.500	1.000	.531	1.496	10		
UFOR 610R	10	10.602	7.087	2.756	2.500	1.000	.531	1.575	12		
UFOR 612R	12	12.587	9.449	2.756	2.500	1.000	.531	1.575	14		

Inserts

			Coated		Dimensions	
			AC325	EH20Z	Insert Dia.	T
Sumitomo Cat. No.						
RGMN2004SNS	•					
Edge prep = 0.008" x -30°						
RGMN2004SNI	•		0.7874 (20 mm)	0.1875		
Edge prep = 0.002" x -15°						
RGMN2004SNT	•					
Edge prep = 0.002" x -30°						

Note: use "SNS" for Steel applications
use "SNI" for Inconel applications
use "SNT" for Titanium applications

Hardware

					
Catalog Number	Locator	Insert Clamp	Locator Screw**	Insert Screw*	Wrench
UFOR6 □ □ R	GRKR	GRWR	BH0410T	WB8-20	TH040 TRD15

*Torque specifications for insert clamp screw=58-62 in/lbs.

**Torque specifications for locator clamp screws=35-40 in/lbs.

**See pages 92-93
For recommended running
parameters**