

FRACTIONAL

# RF 100 VA/NF

Variable helix, Rougher, 4-flute, nano-Si<sup>®</sup> coated

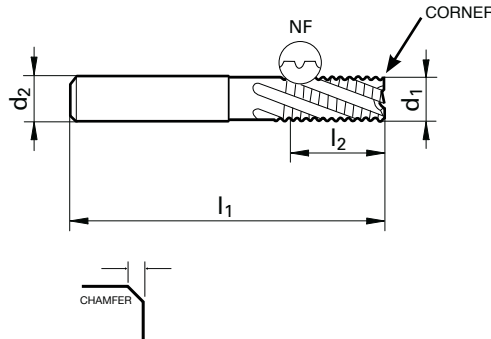
Includes Series

METRIC

3060



TYPE	VA/NF
HELIX ANGLE	36° 38°
NUMBER of TEETH	4



d<sub>1</sub> tolerance h10  
d<sub>2</sub> tolerance h6  
See table on page 150

Diameter	Shank Diameter	OAL	LOC	Corner		HA		HB	
(d1) mm	(d2) mm	(l1) mm	(l2) mm	Chamfer mm	Flutes	EDP No.	Series Number	EDP No.	Series Number
1/4	1/4	2 1/2	3/4	0.012	4	9030600063500	3060		
5/16	5/16	2 1/2	13/16	0.012	4	9030600079400	3060		
3/8	3/8	2 1/2	1	0.012	4	9030600095200	3060		
1/2	1/2	3 1/2	1 1/4	0.020	4			9030600127000	3060
5/8	5/8	3 1/2	1 1/4	0.020	4			9030600158700	3060
3/4	3/4	4	1 1/2	0.020	4			9030600190500	3060
1	1	4	1 1/2	0.031	4			9030600254000	3060

## nano-Si<sup>®</sup>

nano-Si<sup>®</sup> is an ultra-hard, heat resistant, multi-layer PVD coating developed by Guhring as an alternative to diamond coatings. Diamond or diamond-like coatings are limited in their application due to restrictions on the base material that they will properly adhere to. The new nano-Si<sup>®</sup> coating provides similar hardness values to diamond-like coatings but it can be applied to shock resistant carbide grades such as DK400N and DK460UF. This allows the coating to be successfully used on sub-micro grain carbide end mills and increase tool life by more than 50% in many high temperature alloy applications.

Medical / Aerospace / Energy

