

FRACTIONAL

ROUGH-TECH 48 GS100 U

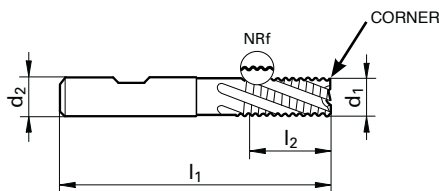
rougner, 4/5-flute

Includes Series

INCH
3186
3188
3886



TYPE	NRf
HELIX ANGLE	30°
NUMBER of TEETH	4/5

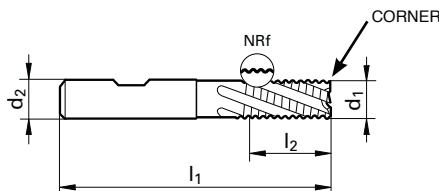


d₁ tolerance h10
d₂ tolerance h6
See table on page 150



Diameter	Shank Diameter	OAL	LOC	Corner		HA		HA		HA	
(d1) Frac	(d2) Frac	(l1) Frac	(l2) Frac	Chamfer Inch	Flutes	EDP No. Bright Finish	Series Number	EDP No. FIREX®	Series Number	EDP No. Super-A	Series Number
1/4	1/4	2 1/2	3/4	0.012	4	9031860063500	3186	9031880063500	3188	9038860063500	3886
5/16	5/16	2 1/2	3/4	0.012	4	9031860079400	3186	9031880079400	3188	9038860079400	3886
3/8	3/8	2 1/2	7/8	0.012	4	9031860095200	3186	9031880095200	3188	9038860095200	3886
1/2	1/2	3	1	0.020	4	9031860127000	3186	9031880127000	3188	9038860127000	3886
5/8	5/8	3 1/2	1 1/4	0.020	4	9031860158700	3186	9031880158700	3188	9038860158700	3886
3/4	3/4	4	1 5/8	0.020	4	9031860190500	3186	9031880190500	3188	9038860190500	3886
1	1	4	1 3/4	0.031	5	9031860254000	3186	9031880254000	3188	9038860254000	3886

METRIC



Includes Series

METRIC
3204
3723
*3365

*Coolant through

Diameter	Shank Diameter	OAL	LOC	Corner		HB		HB		HB	
(d1) mm	(d2) mm	(l1) mm	(l2) mm	Chamfer mm	Flutes	EDP No. Bright Finish	Series Number	EDP No. FIREX®	Series Number	EDP No. FIREX® Coolant Through	Series Number
6.0	6.0	57	13	0.30	4	9032040060000	3204	9037230060000	3723	9033650060000	3365
8.0	8.0	63	19	0.30	4	9032040080000	3204	9037230080000	3723	9033650080000	3365
10.0	10.0	72	22	0.30	4	9032040100000	3204	9037230100000	3723	9033650100000	3365
12.0	12.0	83	26	0.50	4	9032040120000	3204	9037230120000	3723	9033650120000	3365
14.0	14.0	83	26	0.50	4	9032040140000	3204	9037230140000	3723		
16.0	16.0	92	32	0.50	4	9032040160000	3204	9037230160000	3723	9033650160000	3365
18.0	18.0	92	32	0.50	4	9032040180000	3204	9037230180000	3723		
20.0	20.0	104	38	0.50	4	9032040200000	3204	9037230200000	3723	9033650200000	3365
25.0	25.0	121	45	0.60	5	9032040250000	3204	9037230250000	3723		