

FRACTIONAL

# ROUGH-TECH 56 GS100 H

FIREX® Coated, rougher, 4-flute

Includes Series

INCH

3189

3190



TYPE

HR

HELIX ANGLE

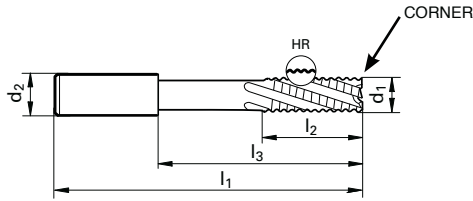


NUMBER of TEETH



4

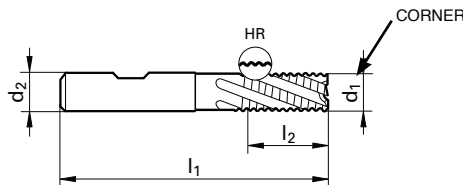
$d_1$  tolerance h10  
 $d_2$  tolerance h6  
 See table on page 150



Diameter	Shank Diameter	OAL	LOC	Reach	Corner		HA
(d1) Frac	(d2) Frac	(l1) Frac	(l2) Frac	*(l3) Frac	Chamfer Inch	Flutes	EDP No. Series Number
1/4	1/4	2 1/2	3/4		0.012	4	9031890063500 3189
1/4	1/4	3	3/4	1 1/2	0.012	4	9031900063500 3190
5/16	5/16	2 1/2	3/4		0.012	4	9031890079400 3189
5/16	5/16	3	7/8	1 1/2	0.012	4	9031900079400 3190
3/8	3/8	2 1/2	7/8		0.012	4	9031890095200 3189
3/8	3/8	3	7/8	1 1/2	0.012	4	9031900095200 3190
1/2	1/2	3	1		0.020	4	9031890127000 3189
1/2	1/2	4 1/2	1	2 3/4	0.020	4	9031900127000 3190
5/8	5/8	3 1/2	1 1/4		0.020	4	9031890158700 3189
5/8	5/8	5	1 1/4	3	0.020	4	9031900158700 3190
3/4	3/4	4	1 5/8		0.020	4	9031890190500 3189
3/4	3/4	5	1 1/2	3	0.020	4	9031900190500 3190

\* Indicates reduced neck style

METRIC



Includes Series

METRIC

3682

Diameter	Shank Diameter	OAL	LOC	Corner		HB
(d1) mm	(d2) mm	(l1) mm	(l2) mm	Chamfer mm	Flutes	EDP No. Series Number
6.0	6.0	57	13	0.30	4	9036820060000 3682
8.0	8.0	63	19	0.30	4	9036820080000 3682
10.0	10.0	72	22	0.30	4	9036820100000 3682
12.0	12.0	83	26	0.50	4	9036820120000 3682
16.0	16.0	92	32	0.50	4	9036820160000 3682
20.0	20.0	104	38	0.50	4	9036820200000 3682