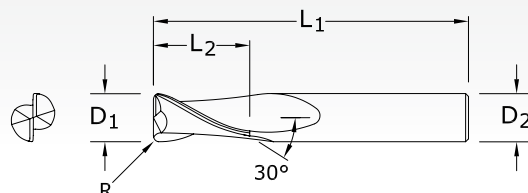


2 Flute Corner Radius

**3CR**

FRACTIONAL SERIES

**TOLERANCES (inch)** $D_1 = -0.0010/-0.0020$ $D_2 = h_6$ $R = +0.0000/-0.0020$

TECH INFO 139

STEELS
STAINLESS STEELS
CAST IRON
HIGH TEMP ALLOYS
TITANIUM
NON-FERROUS
PLASTICS/COMPOSITES

NOMINAL CUTTING DIA. D_1	LENGTH OF CUT L_2	inch			EDP NO.			
		OVERALL LENGTH L_1	SHANK DIA. D_2	CORNER RADIUS R	UNCOATED	Ti-NAMITE (TiN)	Ti-NAMITE-C (TiCN)	Ti-NAMITE-A (AlTiN)
1/8*	1/2	1-1/2	1/8	.015	38201	38202	38315	38357
1/8*	1/2	1-1/2	1/8	.020	38203	38204	38316	38358
3/16*	5/8	2	3/16	.015	38209	38210	38317	38359
3/16*	5/8	2	3/16	.020	38211	38212	38318	38360
3/16*	5/8	2	3/16	.030	38213	38214	38319	38361
1/4*	3/4	2-1/2	1/4	.015	38219	38220	38320	38362
1/4*	3/4	2-1/2	1/4	.020	38221	38222	38321	38363
1/4*	3/4	2-1/2	1/4	.030	38223	38224	38322	38364
1/4*	3/4	2-1/2	1/4	.045	38225	38226	38323	38365
5/16*	13/16	2-1/2	5/16	.015	38231	38232	38324	38366
5/16*	13/16	2-1/2	5/16	.020	38233	38234	38325	38367
5/16*	13/16	2-1/2	5/16	.030	38235	38236	38326	38368
5/16*	13/16	2-1/2	5/16	.045	38237	38238	38327	38369
3/8	1	2-1/2	3/8	.015	38245	38246	38328	38370
3/8	1	2-1/2	3/8	.020	38247	38248	38329	38371
3/8	1	2-1/2	3/8	.030	38249	38250	38330	38372
3/8	1	2-1/2	3/8	.045	38251	38252	38331	38373
1/2	1	3	1/2	.015	38259	38260	38332	38374
1/2	1	3	1/2	.020	38261	38262	38333	38375
1/2	1	3	1/2	.030	38263	38264	38334	38376
1/2	1	3	1/2	.045	38265	38266	38335	38377
1/2	1	3	1/2	.060	38267	38268	38336	38378
5/8	1-1/4	3-1/2	5/8	.015	38273	38274	38337	38379
5/8	1-1/4	3-1/2	5/8	.020	38275	38276	38338	38380
5/8	1-1/4	3-1/2	5/8	.030	38277	38278	38339	38381
5/8	1-1/4	3-1/2	5/8	.045	38279	38280	38340	38382
5/8	1-1/4	3-1/2	5/8	.060	38281	38282	38341	38383
5/8	1-1/4	3-1/2	5/8	.090	38283	38284	38342	38384
3/4	1-1/2	4	3/4	.015	38287	38288	38343	38385
3/4	1-1/2	4	3/4	.020	38289	38290	38344	38386
3/4	1-1/2	4	3/4	.030	38291	38292	38345	38387
3/4	1-1/2	4	3/4	.045	38293	38294	38346	38388
3/4	1-1/2	4	3/4	.060	38295	38296	38347	38389
3/4	1-1/2	4	3/4	.090	38297	38298	38348	38390
3/4	1-1/2	4	3/4	.125	38299	38300	38349	38391
1	1-1/2	4	1	.015	38301	38302	38350	38392
1	1-1/2	4	1	.020	38303	38304	38351	38393
1	1-1/2	4	1	.030	38305	38306	38352	38394
1	1-1/2	4	1	.045	38307	38308	38353	38395
1	1-1/2	4	1	.060	38309	38310	38354	38396
1	1-1/2	4	1	.090	38311	38312	38355	38397
1	1-1/2	4	1	.125	38313	38314	38356	38398

*Without Flat