





































The Leitz USA CNC Tool Program



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Wood - 100 Series

Solid Carbide Z=1 Flute Upcut Polished Flute



Application: Grooving and Slotting

Machine: CNC

Material: Soft Wood, Hard Wood, Soft Plastic, Hard Plastic,
Aluminum, Solid Surface

ID Nr.	D	NL	d	GL
737307359	1/4	1 1/4	1/4	3
737309244	3/8	3/4	3/8	3

Wood - 110 Series

Solid Carbide Z=1 Flute Downcut Polished Flute



Application: Grooving and slotting

Machine: CNC

Material: Soft Wood, Hard Wood, Soft Plastic, Hard Plastic,
Aluminum, Solid Surface

ID Nr.	D	NL	d	GL
737000127	1/8	1/2	1/4	2
737305858	1/4	5/8	1/4	2
737309062	1/4	7/8	1/4	2 1/2

Wood - 120 Series

High Speed Steel Z=2 Flute Upcut Spiral



Application: Profiling, or Slotting

Machine: Manual

Material: Soft Wood, Hard Wood

ID Nr.	D	NL	d	GL
737301545	1/8	3/8	1/4	2 5/8
737308572	3/16	5/8	1/4	2 7/8
737301794	1/4	3/4	1/4	2 3/4
737300673	1/4	3/4	1/2	3 1/4
737307579	5/16	3/4	3/8	3
737300665	5/16	3/4	1/2	3 1/4
737301797	5/16	1	1/2	3 1/2
737301385	3/8	1	1/2	3 1/2
737301799	3/8	1 1/4	1/2	3 3/4
737307159	3/4	1 1/4	1/2	3 1/4
737301386	1/2	1	1/2	3

Bold items have a 2 week lead time

Wood - 130 Series

High Speed Steel Z=2 Flute Downcut Spiral



Application: Profiling, or Slotting

Machine: Manual

Material: Soft Wood, Hard Wood

ID Nr.	D	NL	d	GL
737304159	1/8	5/16	1/4	2 5/8
737301479	1/4	3/4	1/4	2 3/4
737306168	1/4	1	1/4	3
737301800	1/2	1 1/2	1/2	3 1/2
737000566	3/4	1 1/4	1/2	3 1/4

Wood - 140 Series

Solid Carbide Z=2 Flute Upcut Spiral



Application: Profiling, or Slotting

Machine: Manual or CNC

Material: Soft Wood, Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737000121	1/8	1/2	1/4	2
737000122	3/16	3/4	1/4	2
737300095	3/16	3/4	1/4	2 1/2
737000118	1/4	7/8	1/4	2 1/2
737000119	1/4	1	1/4	2 1/2
737000120	1/4	1 1/8	1/4	3
737000128	5/16	1 1/8	5/16	3
737000129	5/16	1 1/8	1/2	3
737000124	3/8	1 1/8	3/8	3
737000125	3/8	1 1/4	3/8	3
737000126	3/8	1 1/4	1/2	3
737302902	7/16	1	1/2	3
737000114	1/2	1 1/8	1/2	3
737300105	1/2	1 1/4	1/2	3 1/2
737000115	1/2	1 5/8	1/2	3 1/2
737000116	1/2	2 1/8	1/2	4
737000123	3/4	1 5/8	3/4	4
737300615	3/4	2 1/8	3/4	4

Bold items have a 2 week lead time

Wood - 150 Series

Solid Carbide Z=2 Flute Downcut Spiral



Application: Profiling, or Slotting

Machine: Manual or CNC

Material: Soft Wood, Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737000138	1/8	1/2	1/4	2
737300111	1/8	1/2	1/4	2
737304471	1/8	1/2	1/8	2
737308036	5/32	1/2	1/4	2 1/2
737306147	5/32	5/8	1/4	2
737000139	3/16	3/4	1/4	2
737307055	3/16	3/4	1/4	2 1/2
737000146	7/32	3/4	1/4	2 1/2
737000135	1/4	7/8	1/4	2 1/2
737000136	1/4	1	1/4	2 1/2
737000137	1/4	1	1/4	2 1/2
737300114	1/4	1 1/8	1/4	3
737301486	9/32	1	5/16	2 1/2
737000145	5/16	1 1/8	5/16	3
737300115	5/16	1 1/8	1/2	3
737000140	3/8	1	3/8	3
737000141	3/8	1 1/8	3/8	3
737000142	3/8	1 1/4	3/8	3
737300118	3/8	1 1/4	3/8	3
737000143	3/8	1 1/4	1/2	3
737300244	7/16	1	1/2	3
737000130	1/2	1 1/8	1/2	3
737000131	1/2	1 1/4	1/2	3 1/2
737000132	1/2	1 5/8	1/2	3 1/2
737000133	1/2	1 5/8	1/2	3 1/2
737300120	1/2	1 5/8	1/2	3 1/2
737000134	1/2	2 1/8	1/2	4
737300434	3/4	1 5/8	3/4	4
737300290	3/4	2 1/8	3/4	4

Wood - 160 Series

Solid Carbide Z=2 Flute Heavy Duty Downcut Spiral



Application: Grooving and Slotting

Machine: Manual or CNC

Material: Soft Wood, Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737301812	1/4	7/8	1/4	2 1/2
737305557	1/2	1 1/4	1/2	3

Bold items have a 2 week lead time

Wood - 170 Series

Solid Carbide Z=3 Flute High Helix Rougher



Application: Profiling, or Slotting

Machine: Manual or CNC

Material: Soft Wood, Hard Wood, Composite Wood

UPCUT SPRIAL

ID Nr.	D	NL	d	GL
737300449	3/8	1 1/8	3/8	3 1/2
737300297	1/2	1 5/8	1/2	4
737303016	3/4	2 1/8	3/4	5

DOWNCUT SPRIAL

ID Nr.	D	NL	d	GL
737300678	3/8	1 1/8	3/8	3 1/2
737300656	1/2	1 5/8	1/2	4
737300720	3/4	2 1/8	3/4	5

Wood - 180 Series

Solid Carbide Z=3 Flute Low Helix Rougher



Application: Profiling, or Slotting

Machine: Manual or CNC

Material: Soft Wood, Hard Wood, Composite Wood

UPCUT SPRIAL

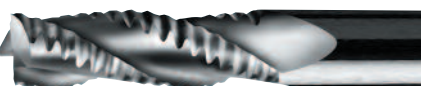
ID Nr.	D	NL	d	GL
737300167	3/8	1 1/8	3/8	3 1/2
737301365	1/2	1 1/8	1/2	3 1/2
737000112	1/2	1 5/8	1/2	4
737300127	3/4	2 1/8	3/4	5

DOWNCUT SPRIAL

ID Nr.	D	NL	d	GL
737300029	1/2	1 1/8	1/2	3 1/2
737300128	3/4	2 1/8	3/4	5

Wood - 190 Series

Solid Carbide Z=3 Flute Heavy Duty Rougher



Application: Profiling, or Slotting

Machine: CNC

Material: Hard Wood, Composite Wood

UPCUT SPRIAL

ID Nr.	D	NL	d	GL
737302216	3/8	1 1/8	3/8	3
737301817	1/2	1 5/8	1/2	3 1/2

DOWNCUT SPRIAL

ID Nr.	D	NL	d	GL
737303007	1/2	1 5/8	1/2	3 1/2
737306237	1/2	2 1/8	1/2	4

Wood - 200 Series

Solid Carbide Z=1 + 1 Compression



Application: Profiling, or Slotting

Machine: CNC

Material: Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737000156	1/4	7/8	1/4	2 1/2
737000148	1/2	1 5/8	1/2	3 1/2

Bold items have a 2 week lead time

Wood - 210 Series**Solid Carbide Z=2 + 2 Compression**

Application: Profiling

Machine: CNC

Material: Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737300493	1/4	7/8	1/4	2 1/2
737000158	3/8	1 1/8	3/8	3
737000150	1/2	1	1/2	3
737000151	1/2	1 1/8	1/2	3
737000152	1/2	1 3/8	1/2	3 1/2
737000153	1/2	1 5/8	1/2	4
737303106	1/2	1 5/8	1/2	4
737300451	5/8	2 1/4	5/8	5
737303258	3/4	1 7/8	3/4	4
737300714	3/4	2 1/2	3/4	5

Wood - 220 Series**Solid Carbide Z=2 + 2 Chipbreaker/Finisher Compression**

Application: Profiling

Machine: CNC

Material: Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737300472	3/8	7/8	3/8	3
737300437	3/8	1 1/8	3/8	3
737300660	5/8	2 1/4	5/8	5

Wood - 230 Series**Solid Carbide Z=3 + 3 Compression**

Application: Profiling

Machine: CNC

Material: Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737300502	3/8	1 1/8	3/8	3
737300185	1/2	1 1/8	1/2	3

Wood - 240 Series

Solid Carbide Mortise Compression



Application: Profiling, or Slotting

Machine: CNC

Material: Hard Wood, Composite Wood

Z=1 + 1 COMPRESSION

ID Nr.	D	NL	Upcut Length	d	GL
737300197	1/4	7/8	0.175	1/4	2 1/2
737300034	3/8	7/8	0.188	3/8	3

Z=2 + 2 COMPRESSION

ID Nr.	D	NL	Upcut Length	d	GL
737303410	1/4	7/8	0.188	1/4	2 1/2
737000159	3/8	7/8	0.188	3/8	3
737300036	1/2	7/8	0.200	1/2	3
737000155	1/2	1 3/8	0.200	1/2	3 1/2
737300429	1/2	1 3/8	0.200	1/2	3 1/2

Z=3 + 3 COMPRESSION

ID Nr.	D	NL	Upcut Length	d	GL
737300427	3/8	7/8	0.200	3/8	3
737300428	1/2	7/8	0.200	1/2	3
737300411	1/2	1 3/8	0.200	1/2	3 1/2
737301405	3/4	2	0.200	3/4	4

Z=4 + 4 COMPRESSION

ID Nr.	D	NL	Upcut Length	d	GL
737301816	1/2	1 3/8	0.200	1/2	3 1/2

Wood - 250 Series

Solid Carbide High Wear Compression



Application: Profiling

Machine: CNC

Material: Hard Wood, Composite Wood

Z=1 + 1 COMPRESSION

ID Nr.	D	NL	d	GL
737307746*	1/2	1 1/8	1/2	3

Z=2 + 2 COMPRESSION

ID Nr.	D	NL	d	GL
737304397*	3/8	7/8	3/8	3
737300013*	1/2	7/8	1/2	3
737305475	1/2	1 1/8	1/2	3
737302096	1/2	1 3/8	1/2	3 1/2
737301578	1/2	1 5/8	1/2	4
737308644	3/4	2 1/4	3/4	5

Z=3 + 3 COMPRESSION

ID Nr.	D	NL	d	GL
737301462*	3/8	7/8	3/8	3

Bold items have a 2 week lead time

* Mortise Compression

Wood - 260 Series

Solid Carbide Z=4 + 4 Compression



Application: Profiling

Machine: CNC

Material: Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737300186	1/2	1 3/8	1/2	3 1/2
737301519	1/2	1 5/8	1/2	4

Wood - 270 Series

Solid Carbide Z=3 Flute Finisher



Application: Profiling, or Slotting

Machine: CNC

Material: Soft Wood, Hard Wood, Soft Plastic, Hard Plastic, Solid Surface

UPCUT SPRIAL

ID Nr.	D	NL	d	GL
737300053	1/4	7/8	1/4	3
737300055	3/8	5/8	3/8	3
737301815	3/8	1 1/8	3/8	3
737300056	1/2	1 1/8	1/2	3 1/2
737300062	1/2	1 5/8	1/2	4
737300058	3/4	2 1/8	3/4	5
737309240	3/4	3 1/8	3/4	6

DOWNCUT SPRIAL

ID Nr.	D	NL	d	GL
737300541	1/2	1 1/8	1/2	3 1/2
737300024	1/2	1 5/8	1/2	4
737300063	1/2	2 1/8	1/2	4 1/2

Wood - 280 Series

Solid Carbide Z=2 Flute Chipbreaker Finisher



Application: Profiling, or Slotting

Machine: CNC

Material: Hard Wood, Composite Wood

UPCUT SPRIAL

ID Nr.	D	NL	d	GL
737300540	1/2	1 1/8	1/2	3

Wood - 290 Series**Solid Carbide Z=3 Flute Chipbreaker Finisher**

Application: Profiling, or Slotting

Machine: CNC

Material: Hard Wood, Composite Wood

UPCUT SPRIAL

ID Nr.	D	NL	d	GL
737300046	3/4	2 1/4	3/4	4

DOWNCUT SPRIAL

ID Nr.	D	NL	d	GL
737300679	3/8	1 1/8	3/8	3
737300047	1/2	1 1/8	1/2	3
737300177	1/2	1 5/8	1/2	3 1/2

Wood - 300 Series**Solid Carbide Z=4 + 4 High Speed Compression**

Application: Profiling

Machine: CNC

Material: Soft Wood, Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737300237	1/2	1	1/2	3

Wood - 310 Series**Solid Carbide Z=4 Flute Downcut High Speed Tool**

Application: Profiling

Machine: CNC

Material: Soft Wood, Hard Wood, Composite Wood

ID Nr.	D	NL	d	GL
737307240	1/2	1 5/8	1/2	4

Plastic - 400 Series**High Speed Steel Z=1 Straight O Flute**

Application: Profiling, or Slotting

Machine: Manual

Material: Soft Plastic

ID Nr.	D	NL	d	GL
737301778	1/4	1	1/4	2 3/8

Plastic - 410 Series**High Speed Steel Z=2 Straight O Flute**

Application: Profiling, or Slotting

Machine: Manual

Material: Soft Plastic, Hard Plastic

UPCUT SPRIAL

ID Nr.	D	NL	d	GL
737306661	1/4	3/4	1/4	2 1/8

Plastic - 420 Series**Solid Carbide Z=1 Straight O Flute**

Application: Profiling, or Slotting

Machine: CNC

Material: Soft Plastic, Hard Plastic

ID Nr.	D	NL	d	GL
737303096	1/8	1/2	1/4	2
737303101	3/16	3/8	1/4	2
737303482	3/16	5/8	1/4	2
737307219	3/16	1	1/4	4
737300511	1/4	3/4	1/4	2 1/2

Plastic - 430 Series**Solid Carbide Z=2 Straight O Flute**

Application: Profiling, or Slotting

Machine: CNC

Material: Soft Plastic, Hard Plastic

ID Nr.	D	NL	d	GL
737304149	1/8	5/16	1/4	2
737300215	1/8	1/2	1/4	2
737300641	1/4	1	1/4	2 1/2
737302944	1/2	1 3/4	1/2	4

Plastic - 440 Series

Solid Carbide Z=2 Straight V Flute



Application: Profiling, or Slotting

Machine: CNC

Material: Hard Plastic

ID Nr.	D	NL	d	GL
737300510	1/4	3/4	1/4	2 1/2

Plastic - 450 Series

Solid Carbide Z=2 Downcut O Flute



Application: Profiling, or Slotting

Machine: CNC

Material: Soft Plastic, Hard Plastic

ID Nr.	D	NL	d	GL
737300617	1/4	3/4	1/4	2 1/2
737300425	3/8	1	3/8	3
737300339	1/2	1 1/8	1/2	3 1/2

Plastic - 460 Series

Solid Carbide Z=1 Downcut O Flute



Application: Profiling, or Slotting

Machine: CNC

Material: Soft Plastic, Hard Plastic

HARD PLASTIC

ID Nr.	D	NL	d	GL
737300213	1/4	3/4	1/4	2 1/2

SOFT PLASTIC

ID Nr.	D	NL	d	GL
737307668	3/16	5/8	1/4	2

Plastic - 470 Series

Solid Carbide Z=1 Upcut O Flute



Application: Profiling, or Slotting

Machine: CNC

Material: Soft Plastic, Hard Plastic

HARD PLASTIC

ID Nr.	D	NL	d	GL
737302022	1/16	1/4	1/4	2
737300017	1/8	1/2	1/4	2
737300200	3/16	5/8	1/4	2
737300016	1/4	3/4	1/4	2 1/2
737300336	1/4	1 1/4	1/4	3
737300203	3/8	1 1/8	3/8	3

SOFT PLASTIC

ID Nr.	D	NL	d	GL
737300279	1/16	1/4	1/4	2
737302959	1/8	1/2	1/4	2
737300723	3/16	5/8	1/4	2
737300130	1/4	3/4	1/4	2 1/2

Plastic - 480 Series

Solid Carbide Z=2 Upcut O Flute



Application: Grooving and Slotting

Machine: CNC

Material: Soft Plastic, Hard Plastic

ID Nr.	D	NL	d	GL
737000227	1/4	3/4	1/4	2 1/2
737300333	1/2	1 1/8	1/2	3 1/2
737307529	1/2	1 5/8	1/2	3 1/2

Plastic - 490 Series

Solid Carbide Z=3 Flute Finisher



Application: Profiling, or Slotting

Machine: CNC

Material: Hard Plastic

UPCUT

ID Nr.	D	NL	d	GL
737300053	1/4	7/8	1/4	3
737300055	3/8	5/8	3/8	3
737301815	3/8	1 1/8	3/8	3
737300056	1/2	1 1/8	1/2	3 1/2
737300062	1/2	1 5/8	1/2	4
737300058	3/4	2 1/8	3/4	5

DOWNCUT

ID Nr.	D	NL	d	GL
737300541	1/2	1 1/8	1/2	3 1/2
737300024	1/2	1 5/8	1/2	4

Gen Purpose - 500 Series

High Speed Steel Z=1 Flute Downcut Spiral



Application: Slotting
 Machine: Manual
 Material: Aluminum - Plywood Sandwich Panels

ID Nr.	D	NL	d	GL
737305108	1/4	3/4	1/4	3

Gen Purpose - 510 Series

Solid Carbide Z=1 Flute Laminate Trim



Application: Trimming
 Machine: Manual
 Material: Laminate Countertops

ID Nr.	D	NL	d	GL	Style
737300422	1/4	1/4	1/4	1 1/2	Flush
737300264	1/4	1/4	1/4	1 1/2	7° Bevel

Aluminum - 520 Series

Solid Carbide Z=1 Flute Upcut Sprial O



Application: Grooving and Slotting
 Machine: CNC
 Material: Aluminum

ID Nr.	D	NL	d	GL
737300624	1/8	1/4	1/4	2
737300546	1/8	1/2	1/4	2
737303051	3/16	5/8	1/4	2
737306803	1/4	3/8	1/4	2
737300515	1/4	3/4	1/4	2 1/2
737300545	1/4	1 1/4	1/4	3
737305360	3/8	1 1/8	3/8	3

Aluminum - 530 Series

Solid Carbide Z=2 Flute Upcut Sprial



Application: Grooving and Slotting
 Machine: CNC
 Material: Aluminum

ID Nr.	D	NL	d	GL
737307706	1/8	1/4	1/8	2
737304289	3/16	3/8	3/16	2
737309263	1/2	5/8	1/2	5

Bold items have a 2 week lead time

Service Locations

CALIFORNIA

9900 Bell Ranch Drive #101
Santa Fe Springs, CA 90670
Ph: (800) 548-1535
Ph: (562) 941-9816
Fax (562) 941- 2072

FLORIDA

1501 Robie Ave
Mount Dora, FL 32757
Ph: (352) 383-6568
Fax (352) 735-6598

INDIANA

3185 Mill Street
Jasper, IN 47546
Ph: (812) 481-1492
Ph: (888) 638-8099
Fax (812) 481-2543

MICHIGAN

4301 East Paris Ave. SE
Grand Rapids, MI 49512
Ph: (616) 698-0124
or (800) 253-6070
Sales Fax (616) 698-9270
or (800) 752-9391
Accounting Fax (616) 698-2431
Engineering Fax (616) 698-2806

MINNESOTA

807 East Hwy 12
Litchfield, MN 55355
Ph: (320) 693-2482
Fax (320) 693-7496

NORTH CAROLINA

401 Interstate Drive
Archdale, NC 27263
Ph: (336) 861-3367
Ph: (800) 860-8848
Fax (336)861-7392

PENNSYLVANIA

5318 Lycoming Mall Drive
Montoursville, PA 17754
Ph: (570) 368-8199
Fax (570)368-8195

TEXAS

2729 National Drive
Garland, TX 75041
Ph: (214) 703-9314
Fax (214) 703-9316
(800) 743-2468

VIRGINIA

60 Wheeler Ave.
Collinsville, VA 24078
Ph: (276) 647-5695
Fax (276) 647-1625

WASHINGTON

8607 South 212th Street
Kent, WA 98031
Ph: (253) 395-1012
Fax (253) 395-1014

WISCONSIN

4925-A Coye Dr.
Stevens Point, WI 54481
Ph: (715) 341-5541
Fax(715) 341-5567

LEITZ CANADA

550 Trillium Drive Unit 13
Kitchener, ON N2R 1K3
Ph: (519) 894-0222
Fax(519) 894-0252
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