

Merlin Tools Ltd

Solid Carbide Performance Routers



Hard Wood • Soft Wood • MDF
Hard Plywood • Soft Plywood • Composite Wood
Laminated Wood • Chipboard

Manufactured in the USA
Distributed in the UK

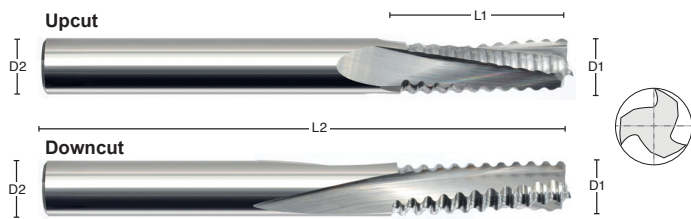


Solid Carbide 3 Flute Rippers

6152 6151
7150 7151

Solid Carbide 3-Flute Slow Spiral Ripper 10° Helix - Mill End

Materials **SW HW CW SP HP CP**

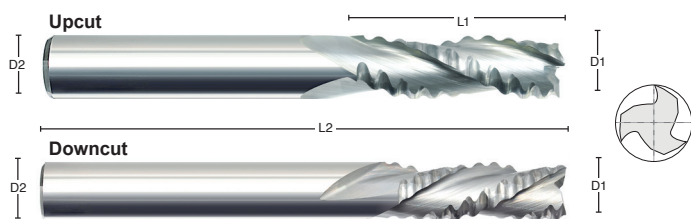


Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
12	12	25	76	6150-02	6151-02
16	16	55	120	6150-04	6151-04
18	18	60	120	6150-06	6151-06
3/8	3/8	1-1/8	3-1/2	7150-02	7151-02
1/2	1/2	1-1/8	3-1/2	7150-04	7151-04
1/2	1/2	1-5/8	4	7150-06	7151-06
5/8	5/8	1-5/8	4	7150-08	7151-08
5/8	5/8	2-1/8	5	7150-10	7151-10
3/4	3/4	1-5/8	4	7150-12	7151-12
3/4	3/4	2-1/8	5	7150-14	7151-14

6152 6153
7152 7153

Solid Carbide 3-Flute High Spiral Ripper 30° Helix - Mill End

Materials **SW HW CW SP HP CP**

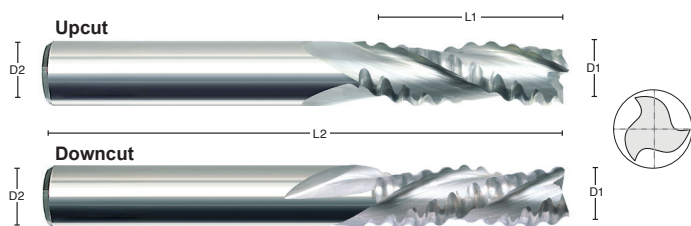


Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
12	12	25	76	6152-02	6153-02
16	16	55	120	6152-04	6153-04
18	18	60	120	6152-06	6153-06
3/8	3/8	1-1/8	3-1/2	7152-02	7153-02
1/2	1/2	1-1/8	3-1/2	7152-04	7153-04
1/2	1/2	1-5/8	4	7152-06	7153-06
5/8	5/8	1-5/8	4	7152-08	7153-08
5/8	5/8	2-1/2	5	7152-10	7153-10
3/4	3/4	1-5/8	4	7152-12	7153-12
3/4	3/4	2-1/8	5	7152-14	7153-14

7154 7155

Solid Carbide 3-Flute High Impact Spiral Ripper 30° Helix - Mill End

Materials **SW HW CW SP HP CP**

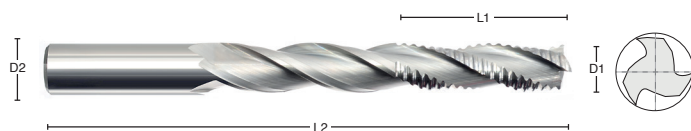


Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
3/8	3/8	1-1/8	3	7154-02	7155-02
1/2	1/2	1-1/8	3	7154-04	7155-04
1/2	1/2	1-5/8	3-1/2	7154-06	7155-06
1/2	1/2	2-1/8	4	7154-08	7155-08

6156
7156

Solid Carbide 3-Flute Upcut Spiral Router 30° Helix - Lock Mortise - Mill End

Materials **SW HW CW**



Cutter Dia D1	Shank Dia D2	FL L1	Reach	OAL L2	Upcut Part No
16	16	50	114	170	6156-02
5/8	5/8	2	4-1/2	6-1/2	7156-02

SW Soft wood	SP Soft plastic	GF Glass Fibre
HW Hard wood	HP Hard plastic	SS Solid surface
CW Composite wood	AC Acrylic	A Aluminium
LW Laminated wood	CP Composite	F Foam

Merlin Tools Ltd
Quality
Precision
Performance

Manufactured in the USA
Distributed in the UK

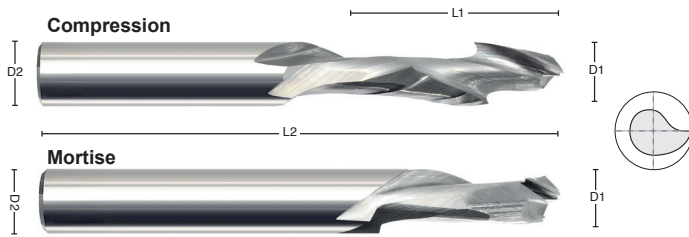


Solid Carbide Compression Spiral Routers

6026 6028
7026 7028

Solid Carbide 1-Flute Compression Router 30° Helix

Materials **SW HW CW LW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Flute Lgth	Comp Part No	Mortise Part No
6	6	22	64	4.4		6028-02
6	6	25	64	11.2	6026-02	
8	8	22	64	4.8		6028-04
8	8	25	64	11.2	6026-04	
10	10	22	76	4.8		6028-06
10	10	35	76	15.4	6026-06	
12	12	22	76	5.1		6028-08
12	12	35	76	15.4	6026-08	
16	16	55	100	5.1		6028-10
16	16	55	100	24.2	6026-10	
1/8	1/4	3/8	2-1/2	.165	7026-02	
3/16	1/4	5/8	2-1/2	.275	7026-04	
1/4	1/4	7/8	2-1/2	.175		7028-02
1/4	1/4	7/8	2-1/2	.560	7026-06	
3/8	3/8	7/8	3	.188		7028-04
3/8	3/8	1-1/8	3	.495	7026-08	
1/2	1/2	7/8	3	.200		7028-06
1/2	1/2	7/8	3	.200		7028-06 LH
1/2	1/2	1	3	.440	7026-10	
1/2	1/2	1-1/8	3	.495	7026-12	
1/2	1/2	1-3/8	3-1/2	.605	7026-14	
1/2	1/2	1-5/8	3-1/2	.200		7028-10
1/2	1/2	1-5/8	3-1/2	.715	7026-16	
1/2	1/2	1-5/8	3-1/2	.715	7026-18 LH	
5/8	5/8	2-1/4	4	.990	7026-20	
3/4	3/4	2	4	.880	7026-22	

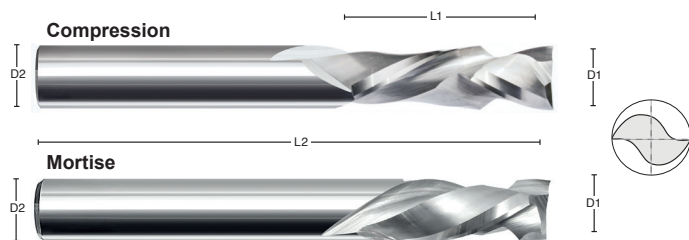
● **Full Technical Catalogue on request**

● **Technical Support available**

6100 6102
7100 7102

Solid Carbide 2-Flute Compression & Mortise Router 30° Helix

Materials **SW HW CW LW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Flute Lgth	Comp Part No	Mortise Part No
6	6	25	64	11.2	6100-02	
8	8	25	64	11.2	6100-04	
10	10	22	76	4.8		6102-02
10	10	35	76	15.4	6100-06	
12	12	22	76	5.1		6102-04
12	12	35	76	15.4	6100-08	
20	20	50	100	22.4	6100-10	
1/4	1/4	7/8	2-1/2	.188		7102-02
1/4	1/4	7/8	2-1/2	.276	7100-30	
1/4	1/4	7/8	2-1/2	.385	7100-20	
3/8	3/8	7/8	3	.188		7102-04
3/8	1/2	1	3	.354	7100-34	
3/8	1/2	1	3	.440	7100-24	
3/8	3/8	1-1/8	3	.188		7102-10
3/8	3/8	1-1/8	3	.188		7102-12 LH
3/8	1/2	1-1/8	3	.354	7100-26	
3/8	3/8	1-1/8	3	.495	7100-02	
3/8	3/8	1-1/4	3	.354	7100-32	
1/2	1/2	7/8	3	.200		7102-06
1/2	1/2	1	3	.440	7100-04	
1/2	1/2	1-1/8	3	.495	7100-06	
1/2	1/2	1-1/4	3	.250		7102-14
1/2	1/2	1-5/16	3	.577	7100-22	
1/2	1/2	1-3/8	3-1/2	.200		7102-08
1/2	1/2	1-3/8	3-1/2	.605	7100-08	
1/2	1/2	1-5/8	3-1/2	.433	7100-28	
1/2	1/2	1-5/8	4	.715	7100-10	
1/2	1/2	1-5/8	4	.715	7100-12 LH	
5/8	5/8	2-1/4	5	.990	7100-14	
3/4	3/4	1-7/8	4	.825	7100-16	
3/4	3/4	2-1/2	5	1.10	7100-18	

● **Extremely Competitive Pricing**

● **Ex Stock Delivery on All Tools**

● **Specials & Modifications Service**

Merlin Tools Ltd
Quality Precision Performance

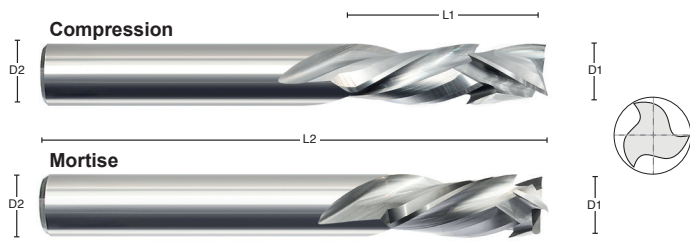
Manufactured in the USA
Distributed in the UK



Solid Carbide Compression Spiral Routers

7180 7182 Solid Carbide 3-Flute Compression & Mortise Router 30° Helix

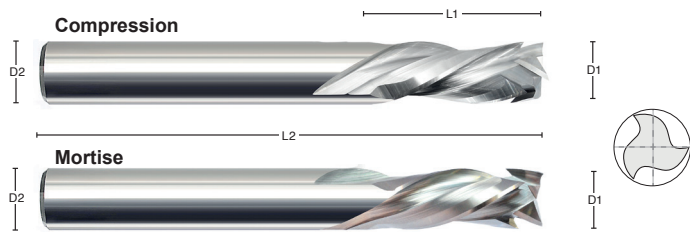
Materials **SW HW CW LW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Flute Lgth	Comp Part No	Mortise Part No
3/8	3/8	7/8	3	.200		7182-02
3/8	3/8	1-1/8	3	.495	7180-02	
1/2	1/2	7/8	3	.200		7182-04
1/2	1/2	1-1/8	3	.495	7180-04	
1/2	1/2	1-3/8	3-1/2	.200		7182-06
1/2	1/2	1-5/8	3-1/2	.715	7180-06	
3/4	3/4	2	4	.200		7182-08
3/4	3/4	2	4	.880	7180-08	

7181 Solid Carbide 3-Flute High Wear Compression & Mortise Router 30° Helix

Materials **LW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Flute Lgth	Comp Part No	Mortise Part No
3/8	3/8	7/8	3	.200		7181-02
3/8	3/8	7/8	3	.385	7181-04	

7202 Solid Carbide 4-Flute Combination Compression Router 30° Helix

Materials **SW HW CW LW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Flute Lgth	Part Number
1/2	1/2	1	3	.440	7202-02
1/2	1/2	1-1/8	3	.495	7202-04
1/2	1/2	1-3/8	3-1/2	.605	7202-06
1/2	1/2	1-5/8	4	.715	7202-08
5/8	5/8	2-1/4	5	.990	7202-10
3/4	3/4	1-7/8	4	.825	7202-12
3/4	3/4	2-1/2	5	1.100	7202-14

● **Full Technical Catalogue on request**

● **Technical Support available**

Merlin Tools Ltd
Quality Precision Performance

Tel: 01509 610300 • Fax: 01509 610400 • Email: sales@merlintools.co.uk • www.merlintools.co.uk

Manufactured in the USA
Distributed in the UK

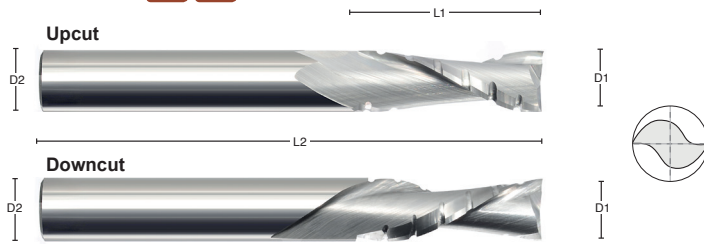


Solid Carbide Chipbreaker Finisher

6090 6091
7090 7091

Solid Carbide 2-Flute Spiral Router Chipbreaker Finisher 30° Helix

Materials **HW CW**

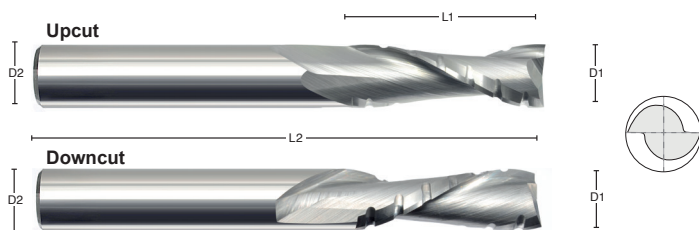


Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
8	8	25	64	6090-02	6091-02
10	10	35	76	6090-04	6091-04
12	12	35	76	6090-06	6091-06
16	16	55	100	6090-08	6091-08
18	18	60	120	6090-10	6091-10
3/8	3/8	1-1/8	3	7090-02	7091-02
1/2	1/2	1-1/8	3	7090-04	7091-04
1/2	1/2	1-5/8	3-1/2	7090-06	7091-06
1/2	1/2	1-7/8	3-1/2	7090-08	7091-08
1/2	1/2	2-1/8	4	7090-10	7091-10
5/8	5/8	2-1/8	4	7090-12	7091-12
3/4	3/4	2-1/8	4	7090-14	7091-14

7092 7093

Solid Carbide 2-Flute Spiral Router High Impact - Chipbreaker Finisher 30° Helix

Materials **SW HW CW**

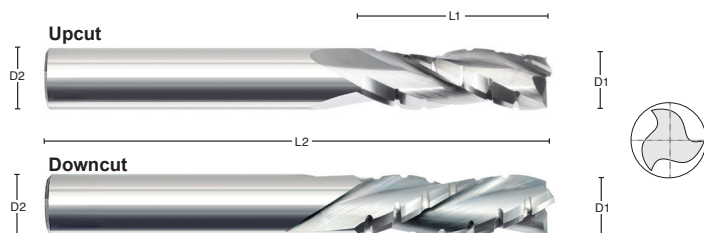


Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
3/8	3/8	1-1/8	3	7092-02	7093-02
1/2	1/2	1-1/8	3	7092-04	7093-04
1/2	1/2	1-5/8	3-1/2	7092-06	7093-06
1/2	1/2	2-1/8	4	7092-08	7093-08

6161 6162
7161 7162

Solid Carbide 3-Flute Spiral Router Chipbreaker Finisher 30° Helix

Materials **SW HW CW**

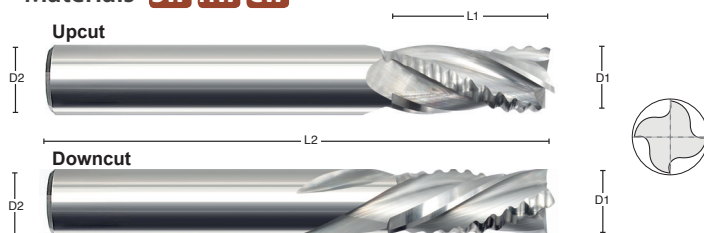


Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
8	8	25	64	6161-02	6162-02
10	10	35	76	6161-04	6162-04
12	12	35	76	6161-06	6162-06
16	16	55	100	6161-08	6162-08
18	18	60	120	6161-10	6162-10
3/8	3/8	1-1/8	3	7161-02	7162-02
1/2	1/2	1-1/8	3	7161-04	7162-04
1/2	1/2	1-3/8	3-1/2	7161-06	7162-06
1/2	1/2	1-5/8	3-1/2	7161-08	7162-08
5/8	5/8	1-5/8	4	7161-10	7162-10
3/4	3/4	1-5/8	4	7161-12	7162-12
3/4	3/4	2-1/4	4	7161-14	7162-14
3/4	3/4	3-1/8	6	7161-16	7162-16

7200 7201

Solid Carbide 4-Flute Combination Spiral Router 30° Helix

Materials **SW HW CW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
1/2	1/2	1-1/8	3-1/2	7200-02	7201-02
1/2	1/2	1-5/8	4	7200-04	7201-04
1/2	1/2	2-1/8	4-1/2	7200-06	7201-06
5/8	5/8	2-1/8	5	7200-08	7201-08
3/4	3/4	2-1/8	5	7200-10	7201-10

Merlin Tools Ltd
Quality
Precision
Performance

Manufactured in the USA
Distributed in the UK

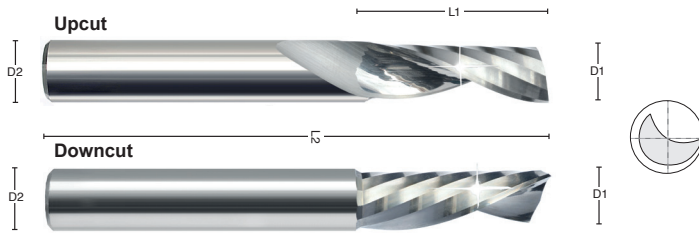


Solid Carbide 1-Flute Spiral Routers

6230 6231
7230 7231

Solid Carbide Polished 1-Flute O-Flute Xtreme Router 25° Helix

Materials **SW HW CW LW A SP HP AC SS**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
3	3	6	50	6230-02	6231-02
3	3	12	50	6230-04	6231-04
3	6	6	50	6230-06	6231-06
3	6	12	50	6230-08	6231-08
3	6	12	63	6230-10	6231-10
4	6	14	50	6230-12	6231-12
4	6	12	63	6230-14	6231-14
5	5	10	50	6230-16	6231-16
5	6	10	50	6230-18	6231-18
5	6	16	50	6230-20	6231-20
6	6	19	63	6230-22	6231-22
6	6	30	75	6230-24	6231-24
10	10	28	75	6230-26	6231-26

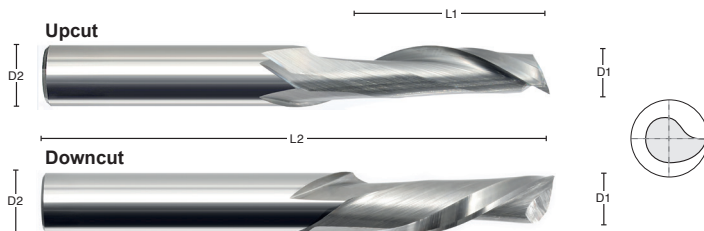
- **Extremely Competitive Pricing**
- **Ex Stock Delivery on All Tools**
- **Specials & Modifications Service**

1/16	1/8	1/4	2	7230-02	7231-02
1/8	1/8	1/4	2	7230-04	7231-04
1/8	1/4	1/4	2	7230-06	7231-06
1/8	1/8	1/2	2	7230-08	7231-08
1/8	1/4	1/2	2	7230-10	7231-10
5/32	1/4	9/16	2	7230-12	7231-12
3/16	3/16	3/8	2	7230-14	7231-14
3/16	3/16	5/8	2	7230-16	7231-16
3/16	1/4	3/8	2	7230-18	7231-18
3/16	1/4	1/2	2	7230-20	7231-20
3/16	1/4	5/8	2	7230-22	7231-22
7/32	1/4	3/4	2-1/2	7230-24	7231-24
1/4	1/4	5/8	2	7230-26	7231-26
1/4	1/4	3/4	2-1/2	7230-28	7231-28
1/4	1/4	1-1/4	3	7230-30	7231-30
3/8	3/8	1-1/8	3	7230-32	7231-32
1/2	1/2	1	3	7230-34	7231-34
1/2	1/2	2	4	7230-36	7231-36

7023 7024

Solid Carbide 1-Flute Spiral Router 30° Helix

Materials **SW HW CW**

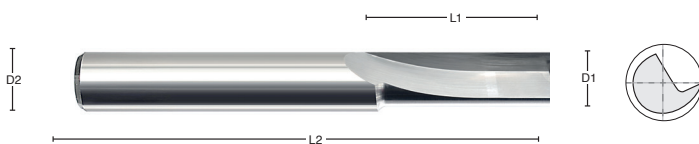


Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
1/8	1/4	1/2	2	7023-02	7024-02
3/16	1/4	3/4	2	7023-04	7024-04
1/4	1/4	7/8	2-1/2	7023-06	7024-06
1/4	1/4	1	2-1/2	7023-08	7024-08
5/16	5/16	1-1/8	3	7023-10	7024-10
3/8	3/8	1-1/8	3	7023-12	7024-12
1/2	1/2	1-1/8	3	7023-14	7024-14

7000

Solid Carbide 1-Flute Straight Router V-Flute

Materials **SW HW CW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Part Number
1/8	1/4	1/2	2	7000-02
3/16	1/4	3/4	2	7000-04
1/4	1/4	7/8	2-1/2	7000-06
1/4	1/4	1	2-1/2	7000-08
5/16	5/16	1-1/8	3	7000-10
3/8	3/8	1-1/8	3	7000-12
1/2	1/2	1-1/8	3	7000-14

- **Full Technical Catalogue on request**
- **Technical Support available**

Merlin Tools Ltd
Quality Precision Performance

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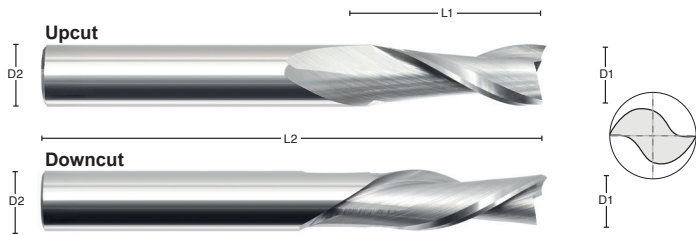


Solid Carbide 2-Flute Fishtail Spiral Routers

6040 6042

Solid Carbide 2-Flute Spiral Router 30° Helix - Fishtail End

Materials **SW** **HW** **CW** **SP** **SS**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
4	6	16	64	6040-02	6042-02
5	6	20	64	6040-04	6042-04
6	6	25	64	6040-06	6042-06
8	8	25	64	6040-08	6042-08
10	10	35	76	6040-10	6042-10
12	12	35	76	6040-12	6042-12
14	14	50	88	6040-14	6042-14
16	16	55	100	6040-16	6042-16
18	18	60	120	6040-18	6042-18
20	20	60	120	6040-20	6042-20

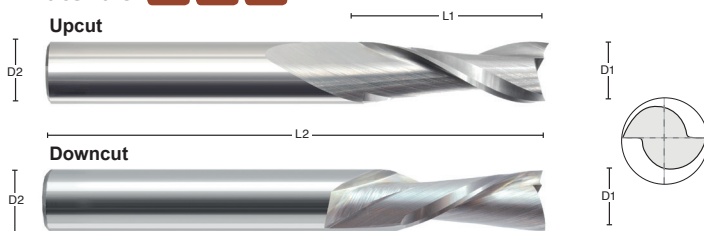
- **Extremely Competitive Pricing**
- **Ex Stock Delivery on All Tools**
- **Specials & Modifications Service**

3/32	1/8	9/32	1-1/2	7040-02	7042-02
1/8	1/8	1/2	2	7040-04	7042-04
1/8	1/4	1/2	2	7040-06	7042-06
1/8	1/4	1/2	2	7040-08 LH	7042-08 LH
5/32	1/4	5/8	2	7040-10	7042-10
5/32	1/4	1/2	2-1/2	7040-12	7042-12
3/16	3/16	3/4	2	7040-14	7042-14
3/16	1/4	3/4	2	7040-16	7042-16
3/16	1/4	3/4	2	7040-18 LH	7042-18 LH
3/16	1/4	3/4	2-1/2	7040-20	7042-20
7/32	1/4	3/4	2-1/2	7040-22	7042-22
7/32	1/4	1	2-1/2	7040-24	7042-24
1/4	1/4	7/8	2-1/2	7040-26	7042-26
1/4	1/4	1	2-1/2	7040-28	7042-28
1/4	1/4	1	2-1/2	7040-30 LH	7042-30 LH
1/4	1/4	1-1/8	3	7040-32	7042-32
9/32	5/16	1	2-1/2	7040-34	7042-34
5/16	5/16	1	2-1/2	7040-36	7042-36
5/16	5/16	1-1/8	3	7040-38	7042-38
5/16	5/16	1-1/4	3	7040-40	7042-40
5/16	1/2	1-1/8	3	7040-42	7042-42
5/16	1/2	1-1/8	3	7040-44 LH	7042-44 LH
5/16	5/16	1-3/4	4	7040-46	7042-46
3/8	3/8	1	2-1/2	7040-48	7042-48
3/8	3/8	1	3	7040-50	7042-50
3/8	3/8	1-1/8	3	7040-52	7042-52
3/8	3/8	1-1/4	3	7040-54	7042-54
3/8	3/8	1-1/4	3	7040-56 LH	7042-56 LH
3/8	1/2	1-1/4	3	7040-58	7042-58
7/16	1/2	1	3	7040-60	7042-60
1/2	1/2	1-1/8	3	7040-62	7042-62
1/2	1/2	1-1/4	3-1/2	7040-64	7042-64
1/2	1/2	1-5/8	3-1/2	7040-66	7042-66
1/2	1/2	1-5/8	3-1/2	7040-68 LH	7042-68 LH
1/2	1/2	2-1/8	4	7040-70	7042-70
17/32	1/2	1-1/8	3	7040-72	7042-72
5/8	5/8	1-5/8	3-1/2	7040-74	7042-74
5/8	5/8	2-1/8	4	7040-76	7042-76
5/8	5/8	2-1/8	4	7040-78 LH	7042-78 LH
3/4	3/4	1-5/8	4	7040-80	7042-80
3/4	3/4	2-1/8	4	7040-82	7042-82
3/4	3/4	2-1/8	4	7040-84 LH	7042-84 LH
1	1	3	5	7040-86	7042-86

7048 7049

Solid Carbide 2-Flute High Impact Spiral Router 30° Helix - Fishtail End

Materials **SW** **HW** **CW**



Cutter Dia D1	Shank Dia D2	FL L1	OAL L2	Upcut Part No	Downcut Part No
1/4	1/4	7/8	2-1/2	7048-02	7049-02
3/8	3/8	7/8	3	7048-04	7049-04
3/8	3/8	1-1/8	3	7048-06	7049-06
3/8	3/8	1-1/4	3	7048-08	7049-08
1/2	1/2	1-1/4	3	7048-10	7049-10

Merlin Tools Ltd
Quality Precision Performance

Manufactured in the USA
Distributed in the UK

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