

JABIL CUTTING TOOLS

**Made for Professionals
by Professionals**

As demand for quality precision tools pave the way for more advanced innovations, Jabil Cutting Tools offer specialized carbide cutting tools for the discerning professional. We offer quality at a competitive price supported by best-in-class service, capabilities, expertise and scale.



ALUMINUM & COMPOSITE SERIES

CARBIDE END MILLS

A SERIES



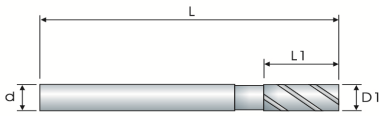
ITEM	Flutes	Helix	Mill Dia.		Page
			(Min)	(Max)	
Carbide End Mills - Square Type 3 Flutes - R Trench & Variable Leading (Aluminum)	3	35	3	16	74
Carbide End Mills - Square Type 2 Flutes (Aluminum)	2	35	3	12	75
Carbide End Mills - Square Type 3 Flutes (Aluminum)	3	35	2	16	76
Carbide End Mills - Square Type 3 Long Flutes (Aluminum)	3	45	3	20	77

CARBIDE END MILLS

A SERIES

Square Type 3 Flutes

R Trench & Variable Leading
(Aluminum)



Part number	D1	L1	L	d	F
	Mill Dia.	Flute Length	Overall Length	Shank Dia.	No. of Flute
ASV-0300-090E31	3	9	50	6	3
ASV-0400-120E31	4	12	50	6	3
ASV-0600-180E31	6	18	50	6	3
ASV-0800-240G31	8	24	60	8	3
ASV-1000-300H31	10	30	75	10	3
ASV-1200-320I31	12	32	75	12	3
ASV-1600-450J31	16	45	100	16	3

Carbide End Mill - SUS Series

● Excellent ○ Good

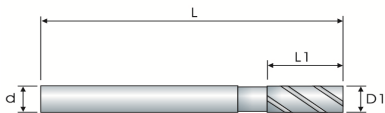
Carbon Steels	Alloy Steels	Hardened Steels		High Hardened Steels	Copper	Cast iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRc~50	HRc~55	HRc~60						
					●		●			

CARBIDE END MILLS

A SERIES

Square Type 2 Flutes

(Aluminum)



Part number	D1	L1	L	d	F
	Mill Dia.	Flute Length	Overall Length	Shank Dia.	No. of Flute
ASX-0300-090C21	3	9	50	4	2
ASX-0300-090E21	3	9	50	6	2
ASX-0400-120C21	4	12	50	4	2
ASX-0400-120E21	4	12	50	6	2
ASX-0500-150E21	5	15	50	6	2
ASX-0600-180E21	6	18	50	6	2
ASX-0800-240G21	8	24	60	8	2
ASX-1000-300H21	10	30	75	10	2
ASX-1200-320I21	12	32	75	12	2

Carbide End Mill - SUS Series

● Excellent ○ Good

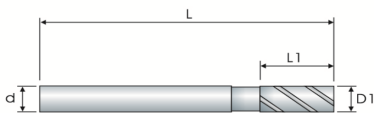
Carbon Steels	Alloy Steels	Hardened Steels		High Hardened Steels	Copper	Cast iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC~50	HRC~55	HRC~60						
					●		●			

CARBIDE END MILLS

A SERIES

Square Type 3 Flutes

(Aluminum)



Part number	D1	L1	L	d	F
	Mill Dia.	Flute Length	Overall Length	Shank Dia.	No. of Flute
ASX-0200-060E31	2	6	50	6	3
ASX-0300-090C31	3	9	50	4	3
ASX-0300-090E31	3	9	50	6	3
ASX-0400-120C31	4	12	50	4	3
ASX-0400-120E31	4	12	50	6	3
ASX-0500-150E31	5	15	50	6	3
ASX-0600-180E31	6	18	50	6	3
ASX-0800-240G31	8	24	60	8	3
ASX-1000-300H31	10	30	75	10	3
ASX-1200-320I31	12	32	75	12	3
ASX-1600-450J31	16	45	100	16	3

Carbide End Mill - SUS Series

● Excellent ○ Good

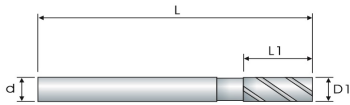
Carbon Steels	Alloy Steels	Hardened Steels		High Hardened Steels	Copper	Cast iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRc~50	HRc~55	HRc~60						
					●		●			

CARBIDE END MILLS

A SERIES

Square Type 3 Long Flutes

(Aluminum)



Part number	D1	L1	L	d	F
	Mill Dia.	Flute Length	Overall Length	Shank Dia.	No. of Flute
ASX-0300-150E31	3	15	60	6	3
ASX-0400-200E31	4	20	60	6	3
ASX-0500-250E31	5	25	60	6	3
ASX-0600-300E31	6	30	75	6	3
ASX-0800-450G31	8	45	100	8	3
ASX-1000-550H31	10	55	100	10	3
ASX-1200-550I31	12	55	100	12	3
ASX-1600-750J31	16	75	150	16	3
ASX-2000-900K31	20	90	150	20	3

Carbide End Mill - SUS Series

● Excellent ○ Good

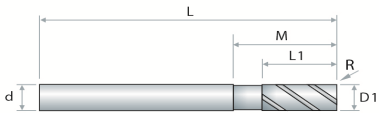
Carbon Steels	Alloy Steels	Hardened Steels		High Hardened Steels	Copper	Cast iron	Aluminum	Stainless Steels	Titanium	Inconel
~HB225	HB225~325	HRC~50	HRC~55	HRC~60						
					●		●			

ITEM	Flutes	Helix	Mill Dia.		Page
			(Min)	(Max)	
	4	35	3	12	79
	4	35	3	12	80
	4	30	1.5R	6R	80
	2	35	0.2	1.5	81
	4	35	2	2	81
	2	35	1	1.5	82
	4	35	2	2	82
	2	35	0.1R	0.75R	83
	4	35	2	2	83
	2	30	3	12	84
	NA	NA	6	12	85
	4-8	NA	6	12	85
	4-8	NA	6	12	85

GRAPHITE END MILLS

C SERIES

Square Type 4 Flutes



Cutting Dia (D1)	Tolerance (mm)
D1 ≤ 6	+0/-0.03
D1 ≤ 12	+0/-0.035

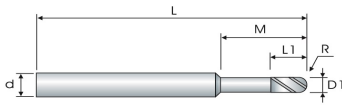
■ Shank Dia. Tolerance: h6

Part number	D1	L1	M	L	d	F
	Mill Dia.	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CSC-0300-150B41	3	9	15	75	3	4
CSC-0400-200R11	4	15	20	75	4	4
CSC-0400-200R21	4	15	20	100	4	4
CSC-0600-250R11	6	20	25	60	6	4
CSC-0600-250R21	6	20	25	100	6	4
CSC-0600-250R31	6	20	25	150	6	4
CSC-0800-350R11	8	25	35	100	8	4
CSC-0800-350R21	8	25	35	150	8	4
CSC-1000-350R11	10	25	35	100	10	4
CSC-1000-350R21	10	25	35	150	10	4
CSC-1200-350R11	12	25	35	100	12	4
CSC-1200-350R21	12	25	35	150	12	4

GRAPHITE END MILLS

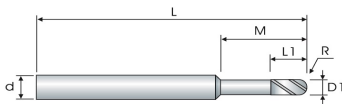
C SERIES

Corner Radius Type 4 Flutes



Part number	D1	R	L1	M	L	d	F
	Mill Dia.	Corner R	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CCC-0300-150R11	3	0.2R	9	15	75	3	4
CCC-0300-150R21	3	0.5R	9	15	75	3	4
CCC-0400-200R11	4	0.3R	15	20	75	4	4
CCC-0400-200R21	4	0.5R	15	20	75	4	4
CCC-0400-200R31	4	0.3R	15	20	100	4	4
CCC-0400-200R41	4	0.5R	15	20	100	4	4
CCC-0600-250R11	6	0.3R	20	25	60	6	4
CCC-0600-250R21	6	0.5R	20	25	60	6	4
CCC-0600-250R31	6	0.3R	20	25	100	6	4
CCC-0600-250R41	6	0.5R	20	25	100	6	4
CCC-0600-250R51	6	0.3R	20	25	150	6	4
CCC-0600-250R61	6	0.5R	20	25	150	6	4
CCC-0800-350R11	8	0.5R	25	35	100	8	4
CCC-0800-350R21	8	0.5R	25	35	150	8	4
CCC-1000-350R31	10	1R	25	35	100	10	4
CCC-1000-350R41	10	1R	25	35	150	10	4
CCC-1200-350R11	12	1R	25	35	100	12	4
CCC-1200-350R21	12	1R	25	35	150	12	4

Ball Nose Type 4 Flutes



Cutting Dia (D1)	Tolerance (mm)
D1 ≤ 8	+0/-0.03
D1 ≤ 12	+0/-0.035

■ Shank Dia. Tolerance: h6

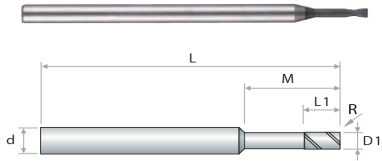
Part number	R	D1	FL	L	SL	SD	F
	Ball Radius	Mill Dia.	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CBC-0300-150B41	1.5R	3	9	15	75	3	4
CBC-0400-200R11	2R	4	15	20	75	4	4
CBC-0400-200R21	2R	4	15	20	100	4	4
CBC-0600-250R11	3R	6	20	25	60	6	4
CBC-0600-250R21	3R	6	20	25	100	6	4
CBC-0600-250R31	3R	6	20	25	150	6	4
CBC-0800-350R11	4R	8	25	35	100	8	4
CBC-0800-350R21	4R	8	25	35	150	8	4
CBC-1000-350R11	5R	10	25	35	100	10	4
CBC-1000-350R21	5R	10	25	35	150	10	4
CBC-1200-350R11	6R	12	25	35	100	12	4
CBC-1200-350R21	6R	12	25	35	150	12	4

GRAPHITE END MILLS

C SERIES

Square Type 2 Flutes

Miniature



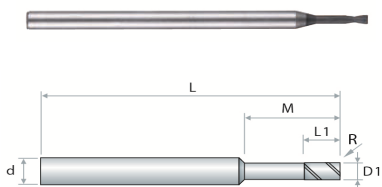
Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 2	+0/-0.03

■ Shank Dia. Tolerance: h6

Part number	D1	L1	M	L	d	F
	Mill Dia.	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CSC-0020-003B21	0.2	0.3	0.3	40	3	2
CSC-0030-005B21	0.3	0.5	0.5	40	3	2
CSC-0040-006B21	0.4	0.6	0.6	40	3	2
CSC-0050-015B21	0.5	1.5	1.5	40	3	2
CSC-0050-040B21	0.5	1.5	4	40	3	2
CSC-0060-018B21	0.6	1.8	1.8	40	3	2
CSC-0060-050B21	0.6	1.8	5	40	3	2
CSC-0080-024B21	0.8	2.4	2.4	40	3	2
CSC-0080-070B21	0.8	2.4	7	40	3	2
CSC-0100-030B21	1	3	3	50	3	2
CSC-0100-060B21	1	3	6	50	3	2
CSC-0100-100B21	1	3	10	50	3	2
CSC-0100-160B21	1	3	16	50	3	2
CSC-0100-200B21	1	3	20	50	3	2
CSC-0150-060B21	1.5	3	6	50	3	2
CSC-0150-100B21	1.5	3	10	50	3	2
CSC-0150-160B21	1.5	3	16	50	3	2
CSC-0150-200B21	1.5	3	20	50	3	2

Square Type 4 Flutes

Miniature



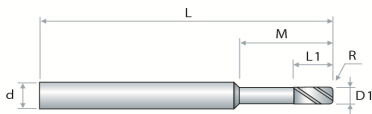
Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 2	+0/-0.03

■ Shank Dia. Tolerance: h6

Part number	D1	L1	M	L	d	F
	Mill Dia.	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CSC-0200-060B41	2	6	6	50	3	4
CSC-0200-100B41	2	6	10	50	3	4
CSC-0200-160B41	2	6	16	50	3	4
CSC-0200-200B41	2	6	20	50	3	4

Corner Radius Type 2 Flutes

Miniature



Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 2	+0/-0.03

■ Shank Dia. Tolerance: h6

Part number	D1	R	L1	M	L	d	F
	Mill Dia.	Corner R	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CBC-0100-030R11	1	0.2R	3	3	50	3	2
CBC-0100-030R21	1	0.2R	3	6	50	3	2
CBC-0100-030R31	1	0.2R	3	10	50	3	2
CBC-0100-030R41	1	0.2R	3	16	50	3	2
CBC-0100-030R51	1	0.2R	3	20	50	3	2
CBC-0150-030R11	1.5	0.2R	3	6	50	3	2
CBC-0150-030R21	1.5	0.2R	3	10	50	3	2
CBC-0150-030R31	1.5	0.2R	3	16	50	3	2
CBC-0150-030R41	1.5	0.2R	3	20	50	3	2

Corner Radius Type 4 Flutes

Miniature



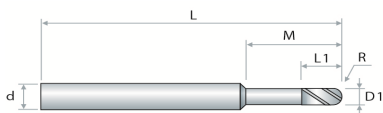
Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 2	+0/-0.03

■ Shank Dia. Tolerance: h6

Part number	D1	R	L1	M	L	d	F
	Mill Dia.	Corner R	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CBC-0200-060R11	2	0.2	6	6	50	3	4
CBC-0200-060R21	2	0.5	6	6	50	3	4
CBC-0200-100R11	2	0.2	6	10	50	3	4
CBC-0200-100R21	2	0.5	6	10	50	3	4
CBC-0200-160R11	2	0.2	6	16	50	3	4
CBC-0200-160R21	2	0.5	6	16	50	3	4
CBC-0200-200R11	2	0.2	6	20	50	3	4
CBC-0200-200R21	2	0.5	6	20	50	3	4

Ball Nose Type 2 Flutes

Miniature



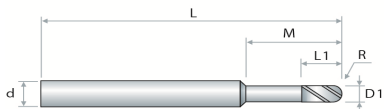
Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 2	+0/-0.03

■ Shank Dia. Tolerance: h6

Part number	R	D1	L1	M	L	d	F
	Ball Radius	Mill Dia.	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CBC-0020-002A21	0.1R	0.2	0.2	0.2	40	3	2
CBC-0030-003A21	0.15R	0.3	0.3	0.3	40	3	2
CBC-0040-004A21	0.2R	0.4	0.4	0.4	40	3	2
CBC-0050-015A21	0.25R	0.5	0.5	1.5	40	3	2
CBC-0050-040A21	0.25R	0.5	0.5	4	40	3	2
CBC-0060-018A21	0.3R	0.6	0.6	1.8	40	3	2
CBC-0060-050A21	0.3R	0.6	0.6	5	40	3	2
CBC-0080-024A21	0.4R	0.8	0.8	2.4	40	3	2
CBC-0080-070A21	0.4R	0.8	0.8	7	40	3	2
CBC-0100-030A21	0.5R	1	3	3	50	3	2
CBC-0100-060A21	0.5R	1	3	6	50	3	2
CBC-0100-100A21	0.5R	1	3	10	50	3	2
CBC-0100-160A21	0.5R	1	3	16	50	3	2
CBC-0100-200A21	0.5R	1	3	20	50	3	2
CBC-0150-060A21	0.75R	1.5	3	6	50	3	2
CBC-0150-100A21	0.75R	1.5	3	10	50	3	2
CBC-0150-160A21	0.75R	1.5	3	16	50	3	2
CBC-0150-200A21	0.75R	1.5	3	20	50	3	2

Ball Nose Type 4 Flutes

Miniature

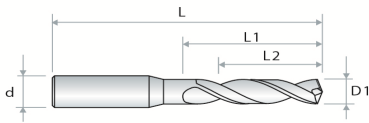


Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 2	+0/-0.03

■ Shank Dia. Tolerance: h6

Part number	R	D1	L1	M	L	d	F
	Ball Radius	Mill Dia.	Flute Length	Length under Shank	Overall Length	Shank Dia.	No. of Flute
CBC-0200-060C41	1R	2	6	6	50	3	4
CBC-0200-100C41	1R	2	6	10	50	3	4
CBC-0200-160C41	1R	2	6	16	50	3	4
CBC-0200-200C41	1R	2	6	20	50	3	4

CFRP Drill

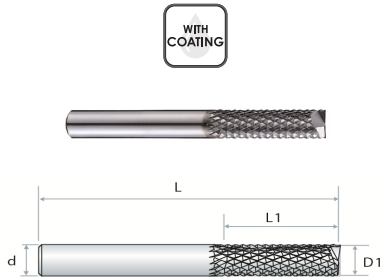


Cutting Dia.(D1)	Tolerance (mm)
$D1 \leq 6$	+0/-0.025
$6 < D1 \leq 12$	+0/-0.03

■ Shank Dia. Tolerance: h6

Part number	D1	Max Drill	L1	L	Shank Dia.	F
	Mill Dia.		Flute Length	Overall Length		No. of Flute
CDC-0300-280E21	3	23	28	66	6	2
CDC-0400-360E21	4	29	36	74	6	2
CDC-0500-440E21	5	35	44	82	6	2
CDC-0600-440E21	6	35	44	82	6	2
CDC-0800-530G21	8	43	53	91	8	2
CDC-1000-610H21	10	49	61	103	10	2
CDC-1100-710I21	11	56	71	118	12	2
CDC-1200-710I21	12	56	71	118	12	2

CFRP Router

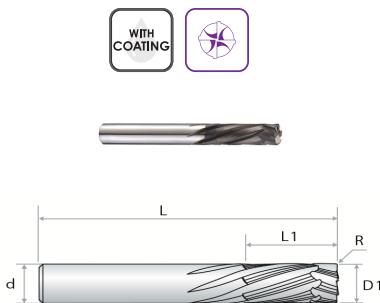


Cutting Dia. (D1)	Tolerance (mm)
6 ≤ D1 ≤ 12	-0.02/-0.08

■ Shank Dia. Tolerance: h6

Part number	D1	L1	L	d
	Mill Dia.	Flute Length	Overall Length	Shank Dia.
COC-0600-180E01	6	18	60	6
COC-0800-240G01	8	24	75	8
COC-1000-300H01	10	30	75	10
COC-1200-360I01	12	36	100	12

CFRP End Mill

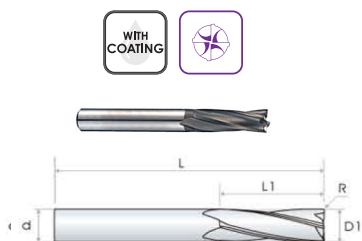


Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 6	+0/-0.03
6 < D1 ≤ 12	+0/-0.035

■ Shank Dia. Tolerance: h6

Part number	D1	L1	L	d	F
	Mill Dia.	Flute Length	Overall Length	Shank Dia.	No. of Flute
COC-0600-120E41	6	12	60	6	4
COC-0800-160G61	8	16	75	8	6
COC-1000-200H61	10	20	75	10	6
COC-1200-240I81	12	24	100	12	8

CFRP End Mill



Cutting Dia. (D1)	Tolerance (mm)
D1 ≤ 6	+0/-0.03
6 < D1 ≤ 12	+0/-0.035

■ Shank Dia. Tolerance: h6

Part number	D1	L1	L	d	F
	Mill Dia.	Flute Length	Overall Length	Shank Dia.	No. of Flute
COC-0600-120C41	6	12	60	6	4
COC-0800-160E61	8	16	75	8	6
COC-1000-200E61	10	20	75	10	6
COC-1200-240G81	12	24	100	12	8