

NEW Solid Carbide Twist drills



Metric(mm)

Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut
DJC-1.0	1	1	34	12	DJC-4.8	4.80	4.80	86	52	DJC-9.0	9.00	9.00	125	81
DJC-1.5	1.50	1.50	40	18	DJC-5.0	5.00	5.00	86	52	DJC-9.5	9.50	9.50	125	81
DJC-2.0	2.00	2.00	49	24	DJC-5.5	5.50	5.50	93	57	DJC-10.0	10.00	10.00	133	87
DJC-2.5	2.50	2.50	57	30	DJC-6.0	6.00	6.00	93	57	DJC-10.5	10.50	10.50	133	87
DJC-3.0	3.00	3.00	61	33	DJC-6.5	6.50	6.50	101	63	DJC-11.0	11.00	11.00	142	94
DJC-3.2	3.20	3.20	65	36	DJC-7.0	7.00	7.00	109	69	DJC-11.5	11.50	11.50	142	94
DJC-3.5	3.50	3.50	70	39	DJC-7.5	7.50	7.50	109	69	DJC-12.0	12.00	12.00	151	101
DJC-4.0	4.00	4.00	75	43	DJC-8.0	8.00	8.00	117	75	DJC-12.5	12.50	12.50	151	101
DJC-4.5	4.50	4.50	80	47	DJC-8.5	8.50	8.50	117	118	DJC-13.0	13.00	13.00	151	101

Inch(in)

Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut
DJC-1/16	1/16	1/16	1 1/2	3/4	DJC-3/16	3/16	3/16	2-3/4	1-5/8	DJC-5/16	5/16	5/16	3-3/4	2-3/8
DJC-3/32	3/32	3/32	2	1	DJC-7/32	7/32	7/32	3	1-3/4	DJC-3/8	3/8	3/8	4-1/4	2-3/4
DJC-1/8	1/8	1/8	2-1/4	1-1/4	DJC-1/4	1/4	1/4	3-1/4	2	DJC-7/16	7/16	7/16	4-1/2	2-7/8
DJC-5/32	5/32	5/32	2-1/2	1-3/8	DJC-9/32	9/32	9/32	3-1/2	2-1/8	DJC-1/2	1/2	1/2	4-3/4	2

NEW Solid Carbide Regular Length 2 Flute End Mills



Metric(mm)

Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut
E2MC-4	4	4	16	50	E2MC-10	10	10	25	70	E2MC-16	16	16	30	85
E2MC-6	6	6	20	50	E2MC-12	12	12	27	75	E2MC-18	18	18	40	100
E2MC-8	8	8	22	60	E2MC-14	14	14	30	85	E2MC-20	20	20	40	100

Inch

Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut
E2C-116	1/16"	1/8"	3/16"	1-1/2"	E2C-14	1/4"	1/4"	3/4"	2-1/2"	E2C-916	9/16"	9/16"	1-1/4"	3-1/2"
E2C-332	3/32"	1/8"	3/8"	1-1/2"	E2C-932	9/32"	5/16"	3/4"	2-1/2"	E2C-58	5/8"	5/8"	1-1/4"	3-1/2"
E2C-18	1/8"	1/8"	1/2"	1-1/2"	E2C-516	5/16"	5/16"	13/16"	2-1/2"	E2C-1116	11/16"	3/4"	1-1/2"	4"
E2C-532	5/32"	3/16"	9/16"	2"	E2C-38	3/8"	3/8"	1"	2-1/2"	E2C-34	3/4"	3/4"	1-1/2"	4"
E2C-316	3/16"	3/16"	5/8"	2"	E2C-716	7/16"	7/16"	1"	2-3/4"	E2C-78	7/8"	7/8"	1-1/2"	4"
E2C-732	7/32"	1/4"	3/4"	2-1/2"	E2C-12	1/2"	1/2"	1"	3"	E2C-1	1"	1"	1"	4"

NEW Solid Carbide Regular Length 4 Flute End Mills



Metric(mm)

Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut
E4MC-4	4	4	16	50	E4MC-10	10	10	25	70	E4MC-16	16	16	30	85
E4MC-6	6	6	20	50	E4MC-12	12	12	27	75	E4MC-18	18	18	40	100
E4MC-8	8	8	22	60	E4MC-14	14	14	30	85	E4MC-20	20	20	40	100

Inch

Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut	Model No.	Size	Shank Dia.	Overall Length	Length of Cut
E4C-116	1/16"	1/8"	3/16"	1-1/2"	E4C-14	1/4"	1/4"	3/4"	2-1/2"	E4C-916	9/16"	9/16"	1-1/4"	3-1/2"
E4C-332	3/32"	1/8"	3/8"	1-1/2"	E4C-932	9/32"	5/16"	3/4"	2-1/2"	E4C-58	5/8"	5/8"	1-1/4"	3-1/2"
E4C-18	1/8"	1/8"	1/2"	1-1/2"	E4C-516	5/16"	5/16"	13/16"	2-1/2"	E4C-1116	11/16"	3/4"	1-1/2"	4"
E4C-532	5/32"	3/16"	9/16"	2"	E4C-38	3/8"	3/8"	1"	2-1/2"	E4C-34	3/4"	3/4"	1-1/2"	4"
E4C-316	3/16"	3/16"	5/8"	2"	E4C-716	7/16"	7/16"	1"	2-3/4"	E4C-78	7/8"	7/8"	1-1/2"	4"
E4C-732	7/32"	1/4"	3/4"	2-1/2"	E4C-12	1/2"	1/2"	1"	3"	E4C-1	1"	1"	1"	4"

Roughing End Mills



- For use where heavy roughing cuts are to be followed with a finishing operation
- Suitable for heavy-duty milling of mild steels, soft to medium hard steels, stainless steels and non-ferrous metals
- TIN coating increases surface hardness and resistance to abrasion to give you increased tool life
- Allows for elevated speeds and feeds and requires less horsepower

Inch(in)

Size	Shank Dia.	No.Of Flutes	Flute Length	OAL	Model No.		
					M2	M2AL	Tin coated
1/4	3/8	4	3/4	2-1/2	RM2I-1	RM2AI-1	RTC-1
1/4	3/8	4	1-1/4	3-1/16	RM2I-2	RM2AI-2	RTC-2
5/16	3/8	4	3/4	2-1/2	RM2I-3	RM2AI-3	RTC-3
5/16	3/8	4	1-3/8	3-1/8	RM2I-4	RM2AI-4	RTC-4
3/8	3/8	4	7/8	2-5/8	RM2I-5	RM2AI-5	RTC-5
3/8	3/8	4	1-1/2	3-1/4	RM2I-6	RM2AI-6	RTC-6
1/2	1/2	4	1-1/4	3-1/4	RM2I-7	RM2AI-7	RTC-7
1/2	1/2	4	2	4	RM2I-8	RM2AI-8	RTC-8
5/8	5/8	4	1-5/8	3-3/4	RM2I-9	RM2AI-9	RTC-9
5/8	5/8	4	2-1/2	4-5/8	RM2I-10	RM2AI-10	RTC-10
3/4	5/8	4	1-5/8	3-7/8	RM2I-11	RM2AI-11	RTC-11
3/4	5/8	4	3	5-1/4	RM2I-12	RM2AI-12	RTC-12
3/4	3/4	4	1-5/8	3-7/8	RM2I-13	RM2AI-13	RTC-13
3/4	3/4	4	3	5-1/4	RM2I-14	RM2AI-14	RTC-14
7/8	3/4	5	1-7/8	5-3/4	RM2I-15	RM2AI-15	RTC-15
7/8	3/4	5	3-1/2	5-3/4	RM2I-16	RM2AI-16	RTC-16
7/8	7/8	5	1-7/8	4-1/8	RM2I-17	RM2AI-17	RTC-17
7/8	7/8	5	3-1/2	5-3/4	RM2I-18	RM2AI-18	RTC-18
1	3/4	5	2	4-1/2	RM2I-19	RM2AI-19	RTC-19
1	1	5	2	4-1/2	RM2I-20	RM2AI-20	RTC-20
1	1	5	4	6-1/2	RM2I-21	RM2AI-21	RTC-21
1-1/8	1	5	2	4-1/2	RM2I-22	RM2AI-22	RTC-22
1-1/4	1-1/4	6	4	6-1/2	RM2I-23	RM2AI-23	RTC-23
1-1/4	1-1/4	6	2	4-1/2	RM2I-24	RM2AI-24	RTC-24
1-1/4	1-1/4	6	3	5-1/2	RM2I-25	RM2AI-25	RTC-25
1-1/4	1-1/4	6	4	6-1/2	RM2I-26	RM2AI-26	RTC-26
1-1/2	1-1/4	6	4	6-1/2	RM2I-27	RM2AI-27	RTC-27
1-1/2	1-1/4	6	3	5-1/2	RM2I-28	RM2AI-28	RTC-28
1-1/2	1-1/4	6	4	6-1/2	RM2I-29	RM2AI-29	RTC-29
1-1/2	1-1/4	6	5	7-1/2	RM2I-30	RM2AI-30	RTC-30
1-3/4	1-1/4	6	4	6-1/2	RM2I-31	RM2AI-31	RTC-31
2	1-1/4	6/8	2	4-1/2	RM2I-32	RM2AI-32	RTC-32
2	1-1/4	6/8	4	6-1/4	RM2I-33	RM2AI-33	RTC-33
2	2	6/8	3	6-3/4	RM2I-34	RM2AI-34	RTC-34
2	2	6/8	6	9-3/4	RM2I-35	RM2AI-35	RTC-35
2	2	6/8	8	11-3/4	RM2I-36	RM2AI-36	RTC-36

Roughing End Mills



Metric(mm)

Size	Shank Dia.	No.Of Flutes	Length of out	OAL	M2	M2AL	Tin coated
6	6	4	13	57	RMM2-1	RMMAL2-1	RMTC-1
8	10	4	19	69	RMM2-2	RMMAL2-2	RMTC-2
10	10	4	22	83	RMM2-3	RMMAL2-3	RMTC-3
11	12	4	22	79	RMM2-4	RMMAL2-4	RMTC-4
12	12	4	26	83	RMM2-5	RMMAL2-5	RMTC-5
14	12	4	26	83	RMM2-6	RMMAL2-6	RMTC-6
16	16	4	32	92	RMM2-7	RMMAL2-7	RMTC-7
18	16	4	32	92	RMM2-8	RMMAL2-8	RMTC-8
20	20	4	38	104	RMM2-9	RMMAL2-9	RMTC-9
22	20	4	38	104	RMM2-10	RMMAL2-10	RMTC-10
22	20	5	38	104	RMM2-11	RMMAL2-11	RMTC-11
25	25	4	45	121	RMM2-12	RMMAL2-12	RMTC-12
25	25	5	45	121	RMM2-13	RMMAL2-13	RMTC-13
28	25	5	45	121	RMM2-14	RMMAL2-14	RMTC-14
30	25	5	45	121	RMM2-15	RMMAL2-15	RMTC-15
30	25	6	45	121	RMM2-16	RMMAL2-16	RMTC-16
32	32	5	53	133	RMM2-17	RMMAL2-17	RMTC-17
32	32	6	53	133	RMM2-18	RMMAL2-18	RMTC-18
36	32	6	53	133	RMM2-19	RMMAL2-19	RMTC-19
40	40	6	63	155	RMM2-20	RMMAL2-20	RMTC-20
45	40	8	63	155	RMM2-21	RMMAL2-21	RMTC-21
45	40	6	63	155	RMM2-22	RMMAL2-22	RMTC-22
45	40	8	63	155	RMM2-23	RMMAL2-23	RMTC-23
50	50	6	75	177	RMM2-24	RMMAL2-24	RMTC-24
50	50	8	75	177	RMM2-25	RMMAL2-25	RMTC-25
56	50	6	75	177	RMM2-26	RMMAL2-26	RMTC-26
56	50	8	75	177	RMM2-27	RMMAL2-27	RMTC-27
63	63	6	90	202	RMM2-28	RMMAL2-28	RMTC-28
63	63	8	90	202	RMM2-29	RMMAL2-29	RMTC-29
71	63	6	90	202	RMM2-30	RMMAL2-30	RMTC-30
71	63	8	90	202	RMM2-31	RMMAL2-31	RMTC-31

Cobalt Roughing End Mills

Multi Flute Single End

M-35 5% Premium Cobalt



NEW

Model No.	Flute Dia. (in.)	Shank Dia. (in.)	Flute Length(in.)	Overall Length(in.)	No. of Flutes	
						M-35 5% Premium Cobalt
RCO-001	RCOT-002	1/4"	3/8"	5/8"	2-7/16"	3
RCO-002	RCOT-003	5/16"	3/8"	3/4"	2-1/2"	3
RCO-003	RCOT-005	3/8"	3/8"	3/4"	2-1/2"	4
RCO-005	RCOT-006	1/2"	1/2"	1-1/4"	3-1/4"	4
RCO-006	RCOT-008	1/2"	1/2"	2"	4"	4
RCO-008	RCOT-011	5/8"	5/8"	1-5/8"	3-3/4"	4
RCO-011	RCOT-012	3/4"	5/8"	1-5/8"	3-3/4"	4
RCO-012	RCOT-019	3/4"	3/4"	1-5/8"	3-7/8"	4
RCO-019	RCOT-020	1"	3/4"	2"	4-1/2"	5
RCO-020	RCOT-021	1"	1"	2"	4-1/2"	5
RCO-021	RCOT-026	1"	1"	3"		