

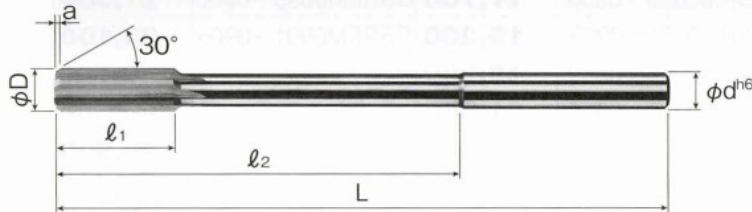
CCR CCRM CCRFM

超硬チャッキングリーマ

Carbide Chucking Reamers

●0.1mmとび、0.01mmとび
0.1 steps and 0.01 steps

●コーティング品も標準化
The coating items is standardized.



(0.1mm 0.01mm とび 0.1steps and 0.01steps)

製品略号 Product code	ネジレ角 Helix Angle	刃径公差 Dia. Tolerance	表面処理 Surface Treatment	切削条件 Cutting Conditions
CCR		m5		
CCRM	直刃 Straight	+0.005 0		
CCRFM		+0.005 0	OK-F TOUGH	

下穴の状態 Prepared Hole			
貫通穴 Through	深穴 Deep	止り穴 Stop	楕円 Ellipse
○	○	×	×

Cutters	寸法 Size							ノンコート non-coat		OKタフコート OK-TOUGH coat	
	刃径 D	刃長 l1	首下長 l2	全長 L	柄径 d	喰付長 a	刃数 NT	品番 Product No.	標準価格 Standard price ¥	品番 Product No.	標準価格 Standard price ¥
	2.95~2.99	26	50	80	3	0.5	4	CCRM0295~0299	3,500	CCRFM0295~0299	4,600
	3.0	26	50	80	3	0.5	4	CCR-030	3,300	CCRF030	4,300
	3.00~3.05	26	50	80	3	0.5	4	CCRM0300~0305	3,500	CCRFM0300~0305	4,600
	3.1~3.9	26	50	80	3	0.5	4	CCR-031~039	4,000	—	—
	3.95~3.99	26	50	80	3	0.5	4	CCRM0395~0399	4,000	CCRFM0395~0399	5,200
	4.0	26	50	80	3	0.5	4	CCR-040	3,600	CCRF040	4,700
	4.00~4.05	26	50	80	3	0.5	4	CCRM0400~0405	4,000	CCRFM0400~0405	5,200
	4.1~4.9	26	50	80	4	0.5	6	CCR-041~049	4,700	—	—
	4.95~4.99	26	50	80	4	0.5	6	CCRM0495~0499	4,700	CCRFM0495~0499	6,200
	5.0	26	50	80	4	0.5	6	CCR-050	4,200	CCRF050	5,500
	5.00~5.05	26	50	80	4	0.5	6	CCRM0500~0505	4,700	CCRFM0500~0505	6,200
	5.1~5.9	26	65	100	5	0.5	6	CCR-051~059	5,600	—	—
	5.95~5.99	26	65	100	6	0.8	6	CCRM0595~0599	5,600	CCRFM0595~0599	7,300
	6.0	26	65	100	6	0.8	6	CCR-060	5,100	CCRF060	6,700
	6.00~6.05	26	65	100	6	0.8	6	CCRM0600~0605	5,600	CCRFM0600~0605	7,300
	6.1~6.9	26	70	110	6	0.8	6	CCR-061~069	7,500	—	—
	6.95~6.99	26	70	110	6	1.0	6	CCRM0695~0699	7,500	CCRFM0695~0699	9,800
	7.0	26	70	110	6	1.0	6	CCR-070	6,900	CCRF070	9,000
	7.00~7.05	26	70	110	6	1.0	6	CCRM0700~0705	7,500	CCRFM0700~0705	9,800
	7.1~7.9	26	85	125	6	1.0	6	CCR-071~079	8,900	—	—
	7.95~7.99	26	85	125	6	1.0	6	CCRM0795~0799	8,900	CCRFM0795~0799	11,600
	8.0	26	85	125	6	1.0	6	CCR-080	8,100	CCRF080	10,600
	8.00~8.05	26	85	125	6	1.0	6	CCRM0800~0805	8,900	CCRFM0800~0805	11,600
	8.1~8.9	26	90	135	8	1.0	6	CCR-081~089	14,300	—	—
	8.95~8.99	26	90	135	8	1.0	6	CCRM0895~0899	14,300	CCRFM0895~0899	18,600
	9.0	26	90	135	8	1.0	6	CCR-090	13,000	CCRF090	16,900
	9.00~9.05	26	90	135	8	1.0	6	CCRM0900~0905	14,300	CCRFM0900~0905	18,600
	9.1~9.9	31	100	150	8	1.0	6	CCR-091~099	16,200	—	—
	9.95~9.99	31	100	150	8	1.0	6	CCRM0995~0999	16,200	CCRFM0995~0999	21,100
	10.0	31	100	150	8	1.0	6	CCR-100	14,800	CCRF100	19,300
	10.00~10.05	31	100	150	8	1.0	6	CCRM1000~1005	16,200	CCRFM1000~1005	21,100
	10.1~10.9	31	105	160	10	1.0	6	CCR-101~109	21,500	—	—
	10.95~10.99	31	105	160	10	1.0	6	CCRM1095~1099	21,500	CCRFM1095~1099	28,000
	11.0	31	105	160	10	1.0	6	CCR-110	20,400	CCRF110	26,600
	11.00~11.05	31	105	160	10	1.0	6	CCRM1100~1105	21,500	CCRFM1100~1105	28,000
	11.1~11.9	31	105	160	10	1.0	6	CCR-111~119	21,900	—	—
	11.95~11.99	31	105	160	10	1.3	6	CCRM1195~1199	21,900	CCRFM1195~1199	28,500
	12.0	31	105	160	10	1.3	6	CCR-120	20,900	CCRF120	27,200
	12.00~12.05	31	105	160	10	1.3	6	CCRM1200~1205	21,900	CCRFM1200~1205	28,500