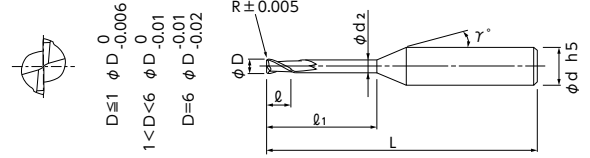
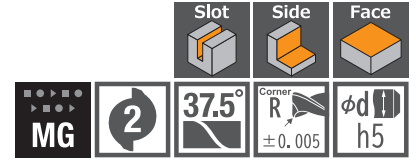


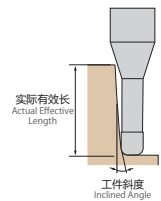
铜电极加工用长颈圆鼻铣刀
Long Neck Radius End Mill for Copper Electrode

共 153 种规格

Total 153 sizes

针对铜电极加工特别研发的长颈圆鼻铣刀，
锋利的刃口能有效抑制毛刺，实现良好的加工面Long neck radius end mill specialized for machining copper alloy.
Sharpe cutting edge makes less burr and high quality surface.

- 针对铜电极加工特别研发的长颈圆鼻铣刀。
- 采用能实现高切削力和高品质加工面的【37.5°】螺旋角和最适合的刀尖设计。
- 采用最适合的刀刃形状与全新 DLC 涂层，实现了长时间高品质的安定加工。
- 也可有效加工钨铜电极。
- Long neck radius end mill specialized for machining copper electrode.
- 37.5° helix angle provides both sharpness shearing ability and finishing surface quality, combining the most suitable cutting edge design realizes the higher quality of finishing surface.
- High quality and stable milling performance with long tool life by optimized design and DLC COATING.
- Machining copper tungsten electrodes is also effective.



加工材料 Work material

铜 Copper	钨铜 Copper tungsten
◎	◎

单位 [尺寸: mm / 价格: 日元]
Unit [Size: mm / Retail price: JPY]

产品代码 Code No.	(D) 刀径 Dia.	(R) 角半径 Corner radius	(L ₁) 颈长 Underneck length	(L) 刀长 Length of cut	(d2) 颈径 Neck Dia.	(γ) 颈角 Neck taper angle	(d) 柄径 Shank Dia.	(L) 全长 Overall length	标准价格 Retail price	相对于工件斜度的有效长 Actual effective length depending on inclined angle of workpiece.				
										30°	1°	1°30'	2°	3°
07-00110-02021	0.2	R0.02	0.5	0.4	0.18	12°	4	45	11,500	0.56	0.59	0.62	0.65	0.71
07-00110-02023			1	0.4	0.18	12°	4	45	12,000	1.09	1.13	1.19	1.24	1.38
07-00110-02025			1.5	0.4	0.18	12°	4	45	12,300	1.61	1.68	1.76	1.84	2.04
07-00110-02051		R0.05	0.5	0.4	0.18	12°	4	45	11,500	0.56	0.59	0.61	0.64	0.71
07-00110-02053			1	0.4	0.18	12°	4	45	12,000	1.08	1.13	1.18	1.24	1.37
07-00110-02055			1.5	0.4	0.18	12°	4	45	12,300	1.61	1.68	1.75	1.84	2.03
07-00110-03021	0.3	R0.02	1	0.6	0.28	12°	4	45	12,000	1.09	1.13	1.19	1.24	1.38
07-00110-03022			1.5	0.6	0.28	12°	4	45	12,300	1.61	1.68	1.76	1.84	2.04
07-00110-03023			2	0.6	0.28	12°	4	45	12,500	2.13	2.22	2.33	2.44	2.71
07-00110-03051		R0.05	1	0.6	0.28	12°	4	45	12,000	1.08	1.13	1.18	1.24	1.37
07-00110-03052			1.5	0.6	0.28	12°	4	45	12,300	1.61	1.68	1.75	1.84	2.03
07-00110-03053			2	0.6	0.28	12°	4	45	12,500	2.13	2.22	2.32	2.43	2.70
07-00110-04021	0.4	R0.02	1	0.8	0.37	12°	4	45	10,500	1.11	1.16	1.21	1.27	1.41
07-00110-04023			2	0.8	0.37	12°	4	45	10,700	2.15	2.25	2.35	2.47	2.74
07-00110-04025			3	0.8	0.37	12°	4	45	10,900	3.20	3.34	3.49	3.67	4.06
07-00110-04027			4	0.8	0.37	12°	4	45	11,100	4.24	4.43	4.63	4.86	5.39
07-00110-04051		R0.05	1	0.8	0.37	12°	4	45	10,500	1.11	1.16	1.21	1.27	1.40
07-00110-04053			2	0.8	0.37	12°	4	45	10,700	2.15	2.25	2.35	2.46	2.73
07-00110-04055			3	0.8	0.37	12°	4	45	10,900	3.19	3.34	3.49	3.66	4.05
07-00110-04057			4	0.8	0.37	12°	4	45	11,100	4.24	4.43	4.63	4.86	5.38
07-00110-04101		R0.1	1	0.8	0.37	12°	4	45	10,500	1.11	1.15	1.20	1.26	1.38
07-00110-04103			2	0.8	0.37	12°	4	45	10,700	2.15	2.24	2.34	2.45	2.71
07-00110-04105			3	0.8	0.37	12°	4	45	10,900	3.19	3.33	3.48	3.65	4.04
07-00110-04107			4	0.8	0.37	12°	4	45	11,100	4.24	4.42	4.62	4.85	5.37
07-00110-05022	0.5	R0.02	2	1	0.46	12°	4	45	10,400	2.18	2.27	2.38	2.50	2.77
07-00110-05023			3	1	0.46	12°	4	45	10,600	3.22	3.36	3.52	3.69	4.10
07-00110-05024			4	1	0.46	12°	4	45	10,800	4.26	4.45	4.66	4.89	5.42
07-00110-05025			5	1	0.46	12°	4	45	11,000	5.31	5.54	5.80	6.09	6.75
07-00110-05052		R0.05	2	1	0.46	12°	4	45	10,400	2.18	2.27	2.38	2.49	2.76
07-00110-05053			3	1	0.46	12°	4	45	10,600	3.22	3.36	3.52	3.69	4.09
07-00110-05054			4	1	0.46	12°	4	45	10,800	4.26	4.45	4.66	4.88	5.41
07-00110-05055			5	1	0.46	12°	4	45	11,000	5.31	5.54	5.80	6.08	6.74
07-00110-05102		R0.1	2	1	0.46	12°	4	45	10,400	2.17	2.27	2.37	2.48	2.74
07-00110-05103			3	1	0.46	12°	4	45	10,600	3.22	3.36	3.51	3.68	4.07
07-00110-05104			4	1	0.46	12°	4	45	10,800	4.26	4.45	4.65	4.87	5.40
07-00110-05105			5	1	0.46	12°	4	45	11,000	5.30	5.54	5.79	6.07	6.72

订购方式

请指定DHR237R 刀径(D) × 半角半径(R) × 颈长(L₁)。
When you order, indicate DHR237R (D) × (R) × (L₁).※(γ)为参考值。
※(γ) is reference value.

产品代码 Code No.	(D) 刃径 Dia.	(R) 角半径 Corner radius	(ℓ1) 颈长 Underneck length	(ℓ) 刃长 Length of cut	(d2) 颈径 Neck Dia.	(γ) 颈角 Neck taper angle	(d) 柄径 Shank Dia.	(L) 全长 Overall length	标准价格 Retail price	相对于工件斜度的有效长 Actual effective length depending on inclined angle of workpiece.				
										30°	1°	1°30'	2°	3°
07-00110-06022	0.6	R0.02	2	1.2	0.56	12°	4	45	11,200	2.18	2.27	2.38	2.50	2.77
07-00110-06024			4	1.2	0.56	12°	4	45	11,700	4.26	4.45	4.66	4.89	5.42
07-00110-06026			6	1.2	0.56	12°	4	45	12,100	6.35	6.63	6.94	7.28	8.08
07-00110-06052		R0.05	2	1.2	0.56	12°	4	45	11,200	2.18	2.27	2.38	2.49	2.76
07-00110-06054			4	1.2	0.56	12°	4	45	11,700	4.26	4.45	4.66	4.88	5.41
07-00110-06056			6	1.2	0.56	12°	4	45	12,100	6.35	6.63	6.94	7.28	8.07
07-00110-06102		R0.1	2	1.2	0.56	12°	4	45	11,200	2.17	2.27	2.37	2.48	2.74
07-00110-06104			4	1.2	0.56	12°	4	45	11,700	4.26	4.45	4.65	4.87	5.40
07-00110-06106			6	1.2	0.56	12°	4	45	12,100	6.35	6.63	6.93	7.27	8.05
07-00110-08024	0.8	R0.02	4	1.6	0.76	12°	4	45	11,700	4.26	4.45	4.66	4.89	5.42
07-00110-08026			6	1.6	0.76	12°	4	45	12,100	6.35	6.63	6.94	7.28	8.08
07-00110-08028			8	1.6	0.76	12°	4	50	12,300	8.43	8.81	9.22	9.68	10.73
07-00110-08054		R0.05	4	1.6	0.76	12°	4	45	11,700	4.26	4.45	4.66	4.88	5.41
07-00110-08056			6	1.6	0.76	12°	4	45	12,100	6.35	6.63	6.94	7.28	8.07
07-00110-08058			8	1.6	0.76	12°	4	50	12,300	8.43	8.81	9.22	9.67	10.72
07-00110-08104		R0.1	4	1.6	0.76	12°	4	45	11,700	4.26	4.45	4.65	4.87	5.40
07-00110-08106			6	1.6	0.76	12°	4	45	12,100	6.35	6.63	6.93	7.27	8.05
07-00110-08108			8	1.6	0.76	12°	4	50	12,300	8.43	8.80	9.21	9.66	10.71
07-00110-10053	1	R0.05	3	2	0.95	12°	4	45	10,900	3.24	3.39	3.54	3.72	4.12
07-00110-10054			4	2	0.95	12°	4	45	11,000	4.29	4.48	4.68	4.91	5.44
07-00110-10055			5	2	0.95	12°	4	45	11,300	5.33	5.57	5.82	6.11	6.77
07-00110-10056			6	2	0.95	12°	4	45	11,500	6.37	6.66	6.97	7.31	8.10
07-00110-10058			8	2	0.95	12°	4	50	11,700	8.46	8.83	9.25	9.70	10.75
07-00110-10060			10	2	0.95	12°	4	50	12,000	10.54	11.01	11.53	12.09	13.41
07-00110-10103		R0.1	3	2	0.95	12°	4	45	10,900	3.24	3.38	3.54	3.71	4.10
07-00110-10104			4	2	0.95	12°	4	45	11,000	4.28	4.47	4.68	4.90	5.43
07-00110-10105			5	2	0.95	12°	4	45	11,300	5.33	5.56	5.82	6.10	6.76
07-00110-10106			6	2	0.95	12°	4	45	11,500	6.37	6.65	6.96	7.30	8.08
07-00110-10108			8	2	0.95	12°	4	50	11,700	8.46	8.83	9.24	9.69	10.74
07-00110-10110			10	2	0.95	12°	4	50	12,000	10.54	11.01	11.52	12.08	13.39
07-00110-10203		R0.2	3	2	0.95	12°	4	45	10,900	3.24	3.37	3.52	3.69	4.07
07-00110-10204			4	2	0.95	12°	4	45	11,000	4.28	4.46	4.66	4.88	5.40
07-00110-10205			5	2	0.95	12°	4	45	11,300	5.32	5.55	5.80	6.08	6.72
07-00110-10206			6	2	0.95	12°	4	45	11,500	6.37	6.64	6.94	7.28	8.05
07-00110-10208			8	2	0.95	12°	4	50	11,700	8.45	8.82	9.23	9.67	10.71
07-00110-10210			10	2	0.95	12°	4	50	12,000	10.54	11.00	11.51	12.06	13.36
07-00110-15105	1.5	R0.1	5	3	1.45	12°	4	45	11,400	5.33	5.56	5.82	6.10	6.76
07-00110-15110			10	3	1.45	12°	4	50	11,500	10.54	11.01	11.52	12.08	13.39
07-00110-15115			15	3	1.45	12°	4	50	11,600	15.76	16.46	17.22	18.07	20.03
07-00110-15205		R0.2	5	3	1.45	12°	4	45	11,400	5.32	5.55	5.80	6.08	6.72
07-00110-15210			10	3	1.45	12°	4	50	11,500	10.54	11.00	11.51	12.06	13.36
07-00110-15215			15	3	1.45	12°	4	50	11,600	15.75	16.45	17.21	18.05	20.00
07-00110-15305		R0.3	5	3	1.45	12°	4	45	10,900	5.32	5.54	5.79	6.06	6.69
07-00110-15310			10	3	1.45	12°	4	50	11,500	10.53	10.99	11.49	12.04	13.33
07-00110-15315			15	3	1.45	12°	4	50	11,600	15.75	16.44	17.20	18.03	19.96
07-00110-15505		R0.5	5	3	1.45	12°	4	45	11,000	5.31	5.53	5.76	6.02	6.63
07-00110-15510			10	3	1.45	12°	4	50	11,500	10.52	10.97	11.46	12.01	13.26
07-00110-15515			15	3	1.45	12°	4	50	11,600	15.74	16.42	17.17	17.99	19.90
07-00110-15520			20	3	1.45	12°	4	60	11,800	20.95	21.87	22.87	23.97	Free
07-00110-20105	2	R0.1	5	4	1.94	12°	4	45	10,600	5.35	5.59	5.84	6.13	6.79
07-00110-20108			8	4	1.94	12°	4	50	11,000	8.48	8.86	9.27	9.72	10.77
07-00110-20110			10	4	1.94	12°	4	50	11,100	10.57	11.03	11.55	12.11	13.42
07-00110-20115			15	4	1.94	12°	4	50	11,200	15.78	16.48	17.25	18.09	Free
07-00110-20120			20	4	1.94	12°	4	60	11,400	20.99	21.93	22.95	24.08	Free
07-00110-20205		R0.2	5	4	1.94	12°	4	45	10,600	5.35	5.58	5.83	6.11	6.75
07-00110-20208			8	4	1.94	12°	4	50	11,000	8.48	8.85	9.25	9.70	10.74
07-00110-20210			10	4	1.94	12°	4	50	11,100	10.56	11.03	11.53	12.09	13.39
07-00110-20215			15	4	1.94	12°	4	50	11,200	15.78	16.47	17.24	18.07	Free
07-00110-20220			20	4	1.94	12°	4	60	11,400	20.99	21.92	22.94	24.06	Free
07-00110-20305		R0.3	5	4	1.94	12°	4	45	10,600	5.34	5.57	5.82	6.09	6.72
07-00110-20308			8	4	1.94	12°	4	50	11,000	8.47	8.84	9.24	9.68	10.70
07-00110-20310			10	4	1.94	12°	4	50	11,100	10.56	11.02	11.52	12.07	13.36
07-00110-20315			15	4	1.94	12°	4	50	11,200	15.77	16.46	17.22	18.05	Free
07-00110-20320			20	4	1.94	12°	4	60	11,400	20.99	21.91	22.92	24.04	Free
07-00110-20505		R0.5	5	4	1.94	12°	4	45	10,600	5.33	5.55	5.79	6.05	6.66
07-00110-20508			8	4	1.94	12°	4	50	11,000	8.46	8.82	9.21	9.64	10.64
07-00110-20510			10	4	1.94	12°	4	50	11,100	10.55	11.00	11.49	12.03	13.30
07-00110-20515			15	4	1.94	12°	4	50	11,200	15.76	16.45	17.19	18.02	Free
07-00110-20520			20	4	1.94	12°	4	60	11,400	20.98	21.89	22.90	24.00	Free

DHR237R

铜电极加工用长颈圆鼻铣刀
Long Neck Radius End Mill for Copper Electrode

单位 [尺寸 : mm / 价格 : 日元]
Unit [Size : mm / Retail price : JPY]

产品代码 Code No.	(D)刃径 Dia.	(R)角半径 Corner radius	(ℓ ₁)颈长 Under neck length	(ℓ)刃长 Length of cut	(d2)颈径 Neck Dia.	(γ)颈角 Neck taper angle	(d)柄径 Shank Dia.	(L)全长 Overall length	标准价格 Retail price	相对于工件斜度的有效长 Actual effective length depending on inclined angle of workpiece.				
										30°	1°	1°30′	2°	3°
07-00110-25208	2.5	R0.2	8	5	2.4	12°	4	50	11,000	8.57	8.95	9.36	9.81	10.86
07-00110-25214			14	5	2.4	12°	4	50	11,200	14.83	15.49	16.20	16.99	Free
07-00110-25220			20	5	2.4	12°	4	60	11,400	21.09	22.02	23.05	Free	Free
07-00110-25508		R0.5	8	5	2.4	12°	4	50	11,000	8.56	8.92	9.32	9.75	10.77
07-00110-25514			14	5	2.4	12°	4	50	11,200	14.82	15.46	16.16	16.93	Free
07-00110-25520			20	5	2.4	12°	4	60	11,400	21.08	22.00	23.00	Free	Free
07-00110-30112	3	R0.1	12	6	2.85	12°	6	50	12,000	12.87	13.44	14.07	14.76	16.36
07-00110-30118			18	6	2.85	12°	6	60	12,300	19.13	19.98	20.91	21.94	24.32
07-00110-30124			24	6	2.85	12°	6	70	13,000	25.39	26.52	27.76	29.12	Free
07-00110-30212		R0.2	12	6	2.85	12°	6	50	12,000	12.87	13.44	14.06	14.74	16.33
07-00110-30218			18	6	2.85	12°	6	60	12,300	19.13	19.97	20.90	21.92	24.29
07-00110-30224			24	6	2.85	12°	6	70	13,000	25.38	26.51	27.74	29.10	Free
07-00110-30312		R0.3	12	6	2.85	12°	6	50	12,000	12.86	13.43	14.04	14.72	16.29
07-00110-30318			18	6	2.85	12°	6	60	12,300	19.12	19.96	20.88	21.90	24.26
07-00110-30324			24	6	2.85	12°	6	70	13,000	25.38	26.50	27.73	29.08	Free
07-00110-30512		R0.5	12	6	2.85	12°	6	50	12,000	12.86	13.41	14.01	14.68	16.23
07-00110-30515			15	6	2.85	12°	6	60	12,200	15.98	16.68	17.44	18.27	20.21
07-00110-30518			18	6	2.85	12°	6	60	12,300	19.11	19.95	20.86	21.86	24.19
07-00110-30524			24	6	2.85	12°	6	70	13,800	25.37	26.48	27.70	29.04	Free
07-00110-30530			30	6	2.85	12°	6	70	14,200	31.63	33.02	34.54	36.22	Free
07-00110-40116		R0.1	16	8	3.8	12°	6	60	12,000	17.17	17.93	18.77	19.68	Free
07-00110-40124			24	8	3.8	12°	6	60	12,300	25.51	26.65	27.89	Free	Free
07-00110-40132			32	8	3.8	12°	6	70	13,000	33.85	35.36	37.01	Free	Free
07-00110-40216		R0.2	16	8	3.8	12°	6	60	12,000	17.16	17.92	18.75	19.66	Free
07-00110-40224			24	8	3.8	12°	6	60	12,300	25.50	26.64	27.88	Free	Free
07-00110-40232			32	8	3.8	12°	6	70	13,000	33.85	35.35	37.00	Free	Free
07-00110-40316		R0.3	16	8	3.8	12°	6	60	12,000	17.16	17.91	18.74	19.65	Free
07-00110-40324			24	8	3.8	12°	6	60	12,300	25.50	26.63	27.86	Free	Free
07-00110-40332			32	8	3.8	12°	6	70	13,000	33.84	35.34	36.99	Free	Free
07-00110-40516		R0.5	16	8	3.8	12°	6	60	12,000	17.15	17.89	18.71	19.61	Free
07-00110-40524			24	8	3.8	12°	6	60	12,300	25.49	26.61	27.83	Free	Free
07-00110-40532			32	8	3.8	12°	6	70	13,800	33.83	35.33	36.96	Free	Free
07-00110-41016		R1	16	8	3.8	12°	6	60	12,000	17.13	17.85	18.64	19.51	Free
07-00110-41024			24	8	3.8	12°	6	60	12,300	25.47	26.57	27.77	29.08	Free
07-00110-41032			32	8	3.8	12°	6	70	13,800	33.81	35.28	36.89	Free	Free
07-00110-50120	5	R0.1	20	10	4.8	12°	6	60	12,200	21.34	22.29	Free	Free	Free
07-00110-50140			40	10	4.8	12°	6	80	17,800	42.19	Free	Free	Free	Free
07-00110-60124	6	R0.1	24	12	5.8	—	6	60	13,800	Free	Free	Free	Free	Free
07-00110-60148			48	12	5.8	—	6	90	21,600	Free	Free	Free	Free	Free
07-00110-60224		R0.2	24	12	5.8	—	6	60	13,800	Free	Free	Free	Free	Free
07-00110-60248			48	12	5.8	—	6	90	21,600	Free	Free	Free	Free	Free
07-00110-60324		R0.3	24	12	5.8	—	6	60	13,800	Free	Free	Free	Free	Free
07-00110-60348			48	12	5.8	—	6	90	21,600	Free	Free	Free	Free	Free
07-00110-60524		R0.5	24	12	5.8	—	6	60	13,800	Free	Free	Free	Free	Free
07-00110-60530			30	12	5.8	—	6	70	14,500	Free	Free	Free	Free	Free
07-00110-60548		R1	48	12	5.8	—	6	90	21,600	Free	Free	Free	Free	Free
07-00110-61024			24	12	5.8	—	6	60	13,800	Free	Free	Free	Free	Free
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※(γ)为参考值。
※(γ) is reference value.