

铜电极加工用长颈球头铣刀

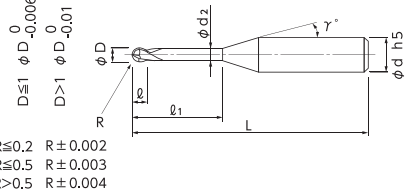
Long Neck Ball End Mill for Copper Electrode

共有94种规格

Total 94 sizes

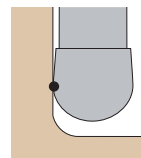
针对铜电极加工用的长颈球头铣刀
刀刃锋利，可减少毛刺，实现优质的加工面

Long neck ball end mill specialized for machining copper alloy
Sharpe cutting edge makes less burr and high quality surface

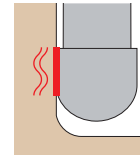


※ DRB230的R精度以实际外径的1/2为基准。
R accuracy of DRB230 is based on a half value.

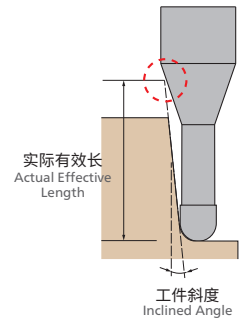
- 针对铜电极加工用的长颈球头铣刀。
- 采用锋利的刀刃形状和DLC涂层，可确保长时间进行持续稳定的高品质加工。
- 对钨铜电极的加工也很有效。
- Long neck ball end mill specialized for machining copper electrode.
- Sharp edge shearing ability and DLC coating realized high quality and stable a long life machining.
- Machining copper tungsten electrodes is also effective.



单点切削，
不易振刀！
Suppress chattering
by point milling



普通铣刀
General End Mill



实际有效长
Actual Effective Length

单位 [规格:mm / 价格:日元]
Unit [Size : mm / Retail Price : JPY]

产品代码 Code No.	(R)球头半径 Radius	(l1)颈长 Under Neck Length	(l)刃长 Length of Cut	(D)外径 Dia.	(d2)颈径 Neck Dia.	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) 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°
07-00530-00503	R0.05	0.3	0.07	0.1	0.085	12°	4	45	13,900	0.34	0.36	0.37	0.39	0.42
07-00530-00505		0.5	0.07	0.1	0.085	12°	4	45	14,500	0.55	0.57	0.60	0.63	0.69
07-00530-00703	R0.075	0.3	0.1	0.15	0.13	12°	4	45	14,000	0.35	0.37	0.38	0.40	0.43
07-00530-00705		0.5	0.1	0.15	0.13	12°	4	45	14,400	0.56	0.58	0.61	0.64	0.70
07-00530-00710	R0.1	1	0.1	0.15	0.13	12°	4	45	15,000	1.08	1.13	1.18	1.23	1.36
07-00530-01005		0.5	0.15	0.2	0.18	12°	4	45	11,100	0.56	0.58	0.61	0.63	0.69
07-00530-01007	R0.1	0.75	0.15	0.2	0.18	12°	4	45	11,400	0.82	0.85	0.89	0.93	1.02
07-00530-01010		1	0.15	0.2	0.18	12°	4	45	11,600	1.08	1.13	1.18	1.23	1.35
07-00530-01015		1.5	0.15	0.2	0.18	12°	4	45	12,100	1.60	1.67	1.75	1.83	2.02
07-00530-01020		2	0.15	0.2	0.18	12°	4	45	12,600	2.13	2.22	2.32	2.43	2.68
07-00530-01505	R0.15	0.5	0.2	0.3	0.28	12°	4	45	11,100	0.56	0.58	0.60	0.62	0.67
07-00530-01510		1	0.2	0.3	0.28	12°	4	45	11,600	1.08	1.12	1.17	1.22	1.34
07-00530-01515		1.5	0.2	0.3	0.28	12°	4	45	12,100	1.60	1.67	1.74	1.82	2.00
07-00530-01520	R0.2	2	0.2	0.3	0.28	12°	4	45	12,600	2.12	2.21	2.31	2.42	2.66
07-00530-02005		0.5	0.3	0.4	0.37	12°	4	45	10,100	0.58	0.60	0.62	0.64	0.69
07-00530-02010	R0.2	1	0.3	0.4	0.37	12°	4	45	10,100	1.10	1.14	1.19	1.24	1.35
07-00530-02015		1.5	0.3	0.4	0.37	12°	4	45	10,300	1.62	1.69	1.76	1.84	2.02
07-00530-02020		2	0.3	0.4	0.37	12°	4	45	10,300	2.15	2.23	2.33	2.43	2.68
07-00530-02030		3	0.3	0.4	0.37	12°	4	45	10,500	3.19	3.32	3.47	3.63	4.01
07-00530-02040		4	0.3	0.4	0.37	12°	4	45	10,700	4.23	4.41	4.61	4.83	5.33
07-00530-02050		5	0.3	0.4	0.37	12°	4	45	10,900	5.27	5.50	5.75	6.02	6.66
07-00530-02060	6	0.3	0.4	0.37	12°	4	45	11,100	6.32	6.59	6.89	7.22	7.99	

订购方法
How to Order

请指定DRB230 球头半径(R)×颈长(l1)。 ※(γ)为参考值。
When you order, indicate DRB230 (R)×(l1). ※(γ) is reference value.

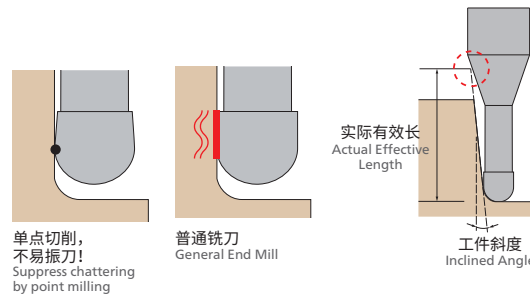
加工案例
Machining case

M-035

铜电极加工
Copper Electrode
Milling

铜电极加工用长颈球头铣刀

Long Neck Ball End Mill for Copper Electrode



单位 [规格: mm / 价格: 日元]
Unit [Size : mm / Retail Price : JPY]

产品代码 Code No.	(R)球头半径 Radius	(ℓ ₁)颈长 Under Neck Length	(ℓ)刃长 Length of Cut	(D)外径 Dia.	(d ₂)颈径 Neck Dia.	(γ)颈角 Neck Taper Angle	(d)柄径 Shank Dia.	(L)全长 Overall Length	定价(日元) 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°
07-00530-02510	R0.25	1	0.35	0.5	0.46	12°	4	45	9,800	1.13	1.16	1.21	1.26	1.37
07-00530-02515		1.5	0.35	0.5	0.46	12°	4	45	9,800	1.65	1.71	1.78	1.85	2.03
07-00530-02520		2	0.35	0.5	0.46	12°	4	45	9,900	2.17	2.25	2.35	2.45	2.69
07-00530-02530		3	0.35	0.5	0.46	12°	4	45	10,100	3.21	3.34	3.49	3.65	4.02
07-00530-02540		4	0.35	0.5	0.46	12°	4	45	10,300	4.25	4.43	4.63	4.85	5.35
07-00530-02550		5	0.35	0.5	0.46	12°	4	45	10,500	5.30	5.52	5.77	6.04	6.68
07-00530-02560		6	0.35	0.5	0.46	12°	4	45	10,700	6.34	6.61	6.91	7.24	8.00
07-00530-03010	R0.3	1	0.45	0.6	0.56	12°	4	45	7,500	1.12	1.16	1.20	1.25	1.35
07-00530-03015		1.5	0.45	0.6	0.56	12°	4	45	7,700	1.64	1.71	1.77	1.84	2.02
07-00530-03020		2	0.45	0.6	0.56	12°	4	45	7,700	2.17	2.25	2.34	2.44	2.68
07-00530-03030		3	0.45	0.6	0.56	12°	4	45	7,900	3.21	3.34	3.48	3.64	4.01
07-00530-03040		4	0.45	0.6	0.56	12°	4	45	8,100	4.25	4.43	4.62	4.84	5.33
07-00530-03050		5	0.45	0.6	0.56	12°	4	45	8,300	5.29	5.52	5.76	6.03	6.66
07-00530-03060		6	0.45	0.6	0.56	12°	4	45	8,500	6.34	6.61	6.90	7.23	7.99
07-00530-03080	8	0.45	0.6	0.56	12°	4	45	9,000	8.42	8.79	9.18	9.62	10.64	
07-00530-03100	10	0.45	0.6	0.56	12°	4	50	9,500	10.51	10.97	11.47	12.02	13.30	
07-00530-04015	R0.4	1.5	0.6	0.8	0.76	12°	4	45	7,700	1.64	1.70	1.76	1.83	1.98
07-00530-04020		2	0.6	0.8	0.76	12°	4	45	7,700	2.16	2.24	2.33	2.42	2.65
07-00530-04030		3	0.6	0.8	0.76	12°	4	45	7,900	3.20	3.33	3.47	3.62	3.97
07-00530-04040		4	0.6	0.8	0.76	12°	4	45	8,100	4.25	4.42	4.61	4.82	5.30
07-00530-04050		5	0.6	0.8	0.76	12°	4	45	8,300	5.29	5.51	5.75	6.01	6.63
07-00530-04060		6	0.6	0.8	0.76	12°	4	45	8,300	6.33	6.60	6.89	7.21	7.96
07-00530-04080		8	0.6	0.8	0.76	12°	4	45	8,500	8.42	8.78	9.17	9.60	10.61
07-00530-04100	10	0.6	0.8	0.76	12°	4	50	9,000	10.50	10.96	11.45	12.00	13.26	
07-00530-05020	R0.5	2	0.75	1	0.95	12°	4	45	7,400	2.18	2.26	2.34	2.43	2.65
07-00530-05030		3	0.75	1	0.95	12°	4	45	7,500	3.22	3.35	3.48	3.63	3.97
07-00530-05040		4	0.75	1	0.95	12°	4	45	7,500	4.27	4.44	4.62	4.83	5.30
07-00530-05050		5	0.75	1	0.95	12°	4	45	7,700	5.31	5.53	5.76	6.02	6.63
07-00530-05060		6	0.75	1	0.95	12°	4	45	7,700	6.35	6.62	6.90	7.22	7.96
07-00530-05080		8	0.75	1	0.95	12°	4	45	8,100	8.44	8.79	9.18	9.61	10.61
07-00530-05100		10	0.75	1	0.95	12°	4	45	8,100	10.52	10.97	11.46	12.01	13.26
07-00530-05120	12	0.75	1	0.95	12°	4	45	8,100	12.61	13.15	13.75	14.40	15.92	
07-00530-05140	R0.75	14	0.75	1	0.95	12°	4	50	8,500	14.70	15.33	16.03	16.79	18.57
07-00530-05160		16	0.75	1	0.95	12°	4	50	8,500	16.78	17.51	18.31	19.18	21.23
07-00530-07504		4	1.1	1.5	1.45	12°	4	50	7,700	4.26	4.41	4.59	4.78	5.22
07-00530-07506		6	1.1	1.5	1.45	12°	4	50	7,700	6.34	6.59	6.87	7.17	7.88
07-00530-07508		8	1.1	1.5	1.45	12°	4	50	8,300	8.43	8.77	9.15	9.56	10.53
07-00530-07510		10	1.1	1.5	1.45	12°	4	50	8,300	10.51	10.95	11.43	11.96	13.18
07-00530-07512		12	1.1	1.5	1.45	12°	4	50	8,700	12.60	13.13	13.71	14.35	15.84
07-00530-07514	R0.75	14	1.1	1.5	1.45	12°	4	50	8,700	14.69	15.31	15.99	16.74	18.49
07-00530-07516		16	1.1	1.5	1.45	12°	4	50	9,300	16.77	17.49	18.27	19.14	21.15
07-00530-07518		18	1.1	1.5	1.45	12°	4	50	9,700	18.86	19.67	20.55	21.53	23.80

长颈
Long Neck

球头
Ball



涂层
Coating

- N 铝合金 Aluminium Alloy
- N 铜合金 Copper / 钨铜 Copper-Tungsten
- O 树脂 Resin

铜电极加工
Copper Electrode
Milling

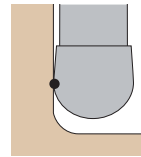
DRB230

铜电极加工用长颈球头铣刀

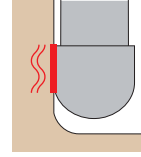
Long Neck Ball End Mill for Copper Electrode

球头
长颈
Long Neck

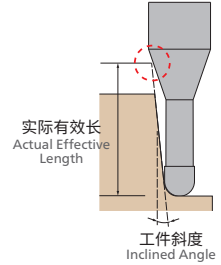
Ball
涂层
Coating



单点切削，
不易振刀！
Suppress chatter
by point milling



普通铣刀
General End Mill



实际有效长
Actual Effective
Length

工件斜度
Inclined Angle

单位 [规格:mm/价格:日元]
Unit [Size: mm / Retail Price: JPY]

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										30°	1°	1°30'	2°	3°
07-00530-10030	R1	3	1.5	2	1.94	12°	4	50	7,900	3.23	3.33	3.44	3.56	3.85
07-00530-10040		4	1.5	2	1.94	12°	4	50	7,900	4.27	4.42	4.58	4.76	5.17
07-00530-10060		6	1.5	2	1.94	12°	4	50	7,900	6.36	6.60	6.86	7.15	7.83
07-00530-10080		8	1.5	2	1.94	12°	4	50	8,100	8.44	8.78	9.14	9.54	10.48
07-00530-10100		10	1.5	2	1.94	12°	4	50	8,100	10.53	10.95	11.42	11.94	13.14
07-00530-10120		12	1.5	2	1.94	12°	4	50	8,100	12.61	13.13	13.70	14.33	15.79
07-00530-10140		14	1.5	2	1.94	12°	4	50	8,100	14.70	15.31	15.98	16.72	18.45
07-00530-10160		16	1.5	2	1.94	12°	4	50	8,100	16.78	17.49	18.27	19.12	Free
07-00530-10200		20	1.5	2	1.94	12°	4	60	9,000	20.96	21.85	22.83	23.90	Free
07-00530-10250		25	1.5	2	1.94	12°	4	60	10,000	26.17	27.30	28.53	Free	Free
07-00530-15060	R1.5	6	2.5	3	2.85	12°	6	60	10,000	6.56	6.78	7.03	7.31	7.95
07-00530-15080		8	2.5	3	2.85	12°	6	60	10,300	8.64	8.96	9.31	9.70	10.60
07-00530-15100		10	2.5	3	2.85	12°	6	60	10,300	10.73	11.14	11.59	12.09	13.26
07-00530-15120		12	2.5	3	2.85	12°	6	60	10,300	12.81	13.32	13.88	14.49	15.91
07-00530-15150		15	2.5	3	2.85	12°	6	70	10,500	15.94	16.59	17.30	18.08	19.89
07-00530-15200		20	2.5	3	2.85	12°	6	70	11,000	21.16	22.04	23.00	24.06	26.53
07-00530-15250		25	2.5	3	2.85	12°	6	70	11,000	26.37	27.48	28.70	30.04	Free
07-00530-15300		30	2.5	3	2.85	12°	6	70	12,000	31.58	32.93	34.40	36.03	Free
07-00530-20100	R2	10	3	4	3.8	12°	6	60	9,500	10.83	11.22	11.66	12.14	13.25
07-00530-20120		12	3	4	3.8	12°	6	60	9,500	12.91	13.40	13.94	14.53	15.91
07-00530-20150		15	3	4	3.8	12°	6	60	9,500	16.04	16.67	17.36	18.12	19.89
07-00530-20200		20	3	4	3.8	12°	6	60	11,300	21.26	22.12	23.06	24.10	Free
07-00530-20250		25	3	4	3.8	12°	6	70	12,000	26.47	27.57	28.77	30.09	Free
07-00530-20300		30	3	4	3.8	12°	6	70	12,500	31.68	33.01	34.47	Free	Free
07-00530-20400	40	3	4	3.8	12°	6	80	13,500	42.11	43.91	Free	Free	Free	
07-00530-30200	R3	20	6	6	5.7	-	6	70	12,500	Free	Free	Free	Free	Free
07-00530-30250		25	6	6	5.7	-	6	70	12,700	Free	Free	Free	Free	Free
07-00530-30300		30	6	6	5.7	-	6	80	13,100	Free	Free	Free	Free	Free
07-00530-30400		40	6	6	5.7	-	6	80	14,000	Free	Free	Free	Free	Free
07-00530-30500	50	6	6	5.7	-	6	100	15,200	Free	Free	Free	Free	Free	

订购方法
How to Order

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加工案例
Machining case

M-035

铜电极加工
Copper Electrode
Milling