

MPX 涂层

SUS420用长颈球头铣刀

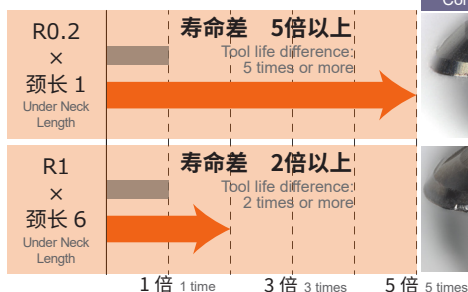
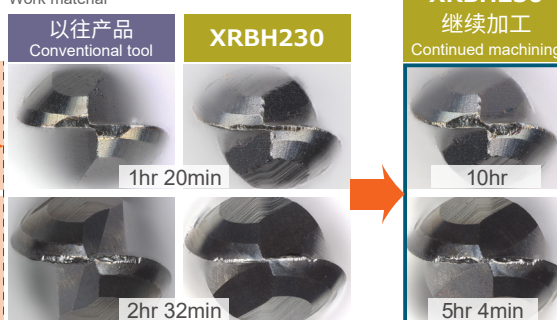
MPX COATING Long Neck Ball End Mill for 420 Hardened Stainless Steels

共 83 种规格

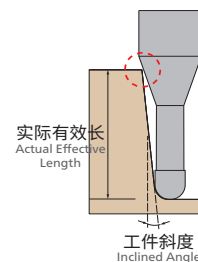
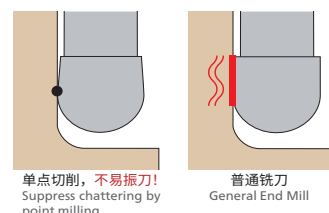
Total 83 sizes

SUS420J2 52HRC相当于 (STAVAX® ESR 等) 专用小径球头铣刀
较以往产品实现2倍以上的刀具寿命Specialized small diameter ball end mill for SUS420J2, as the same as 52HRC (STAVAX® ESR etc.)
Achieves outstanding tool life more than twice as long as conventional products

- 针对SUS420J2 高硬度钢开发的全新涂层 MPX !
- 比以往产品长2倍以上的寿命 !
- New developed coating MPX specialized for SUS420J2, hardened steels.
- More than twice as long as conventional tools.

各尺寸与以往产品的刀具寿命比较
Tool life comparison with conventional products by each size加工材料: STAVAX® ESR 52HRC
Work material※ 除使用刀具以外, 所有加工均在同一切削条件和加工环境下进行
※ Except for the tools, all other cutting conditions are under the same environment and conditions与以往产品相比达到
2~5倍以上刀具寿命
Outstanding tool life from twice to 5 times
compared to conventional products

加工材料 Work Material



◆ 2024年11月发表 ※ Released in Nov, 2024.

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

产品代码No. 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°
◆ 08-00561-00502	R0.05	0.2	0.07	0.1	0.085	12°	4	45	14,000	0.24	0.25	0.26	0.27	0.29
◆ 08-00561-00503		0.3	0.07	0.1	0.085	12°	4	45	14,000	0.34	0.36	0.37	0.39	0.42
◆ 08-00561-00504		0.4	0.07	0.1	0.085	12°	4	45	14,000	0.45	0.46	0.48	0.51	0.56
◆ 08-00561-00505		0.5	0.07	0.1	0.085	12°	4	45	14,500	0.55	0.57	0.60	0.63	0.69
◆ 08-00561-00703	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
◆ 08-00561-00704		0.4	0.1	0.15	0.13	12°	4	45	14,000	0.46	0.48	0.49	0.52	0.56
◆ 08-00561-00705		0.5	0.1	0.15	0.13	12°	4	45	15,000	0.56	0.58	0.61	0.64	0.70
◆ 08-00561-00706		0.6	0.1	0.15	0.13	12°	4	45	15,000	0.67	0.69	0.72	0.75	0.83
◆ 08-00561-00707	R0.1	0.75	0.1	0.15	0.13	12°	4	45	15,000	0.82	0.86	0.89	0.93	1.03
◆ 08-00561-00710		1	0.1	0.15	0.13	12°	4	45	15,500	1.08	1.13	1.18	1.23	1.36
◆ 08-00561-01003		0.3	0.15	0.2	0.18	12°	4	45	9,900	0.35	0.36	0.38	0.39	0.42
◆ 08-00561-01004		0.4	0.15	0.2	0.18	12°	4	45	9,900	0.46	0.47	0.49	0.51	0.56
◆ 08-00561-01005	R0.15	0.5	0.15	0.2	0.18	12°	4	45	9,900	0.56	0.58	0.61	0.63	0.69
◆ 08-00561-01006		0.6	0.15	0.2	0.18	12°	4	45	9,900	0.67	0.69	0.72	0.75	0.82
◆ 08-00561-01007		0.75	0.15	0.2	0.18	12°	4	45	9,900	0.82	0.85	0.89	0.93	1.02
◆ 08-00561-01010		1	0.15	0.2	0.18	12°	4	45	9,900	1.08	1.13	1.18	1.23	1.35
◆ 08-00561-01012	R0.15	1.25	0.15	0.2	0.18	12°	4	45	10,700	1.34	1.40	1.46	1.53	1.68
◆ 08-00561-01015		1.5	0.15	0.2	0.18	12°	4	45	10,700	1.60	1.67	1.75	1.83	2.02
◆ 08-00561-01020		2	0.15	0.2	0.18	12°	4	45	11,000	2.13	2.22	2.32	2.43	2.68
◆ 08-00561-01505		0.5	0.2	0.3	0.28	12°	4	45	9,800	0.56	0.58	0.60	0.62	0.67
◆ 08-00561-01506	R0.15	0.6	0.2	0.3	0.28	12°	4	45	9,800	0.66	0.69	0.71	0.74	0.81
◆ 08-00561-01507		0.75	0.2	0.3	0.28	12°	4	45	9,800	0.82	0.85	0.88	0.92	1.01
◆ 08-00561-01510		1	0.2	0.3	0.28	12°	4	45	9,800	1.08	1.12	1.17	1.22	1.34

订购方式
How to Order请指定 XRBH230 球头半径(R)×颈长(L1)×柄径(d)
When you order, indicate XRBH230 (R)×(L1)×(d).(γ) 为参考值。
(γ) is reference value.

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

产品代码No. 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°
◆ 08-00561-01512	R0.15	1.25	0.2	0.3	0.28	12°	4	45	10,400	1.34	1.39	1.45	1.52	1.67
◆ 08-00561-01515		1.5	0.2	0.3	0.28	12°	4	45	10,400	1.60	1.67	1.74	1.82	2.00
◆ 08-00561-01520		2	0.2	0.3	0.28	12°	4	45	10,400	2.12	2.21	2.31	2.42	2.66
◆ 08-00561-01525		2.5	0.2	0.3	0.28	12°	4	45	10,700	2.64	2.76	2.88	3.01	3.33
◆ 08-00561-01530		3	0.2	0.3	0.28	12°	4	45	10,700	3.17	3.30	3.45	3.61	3.99
◆ 08-00561-02005	R0.2	0.5	0.3	0.4	0.37	12°	4	45	6,600	0.58	0.60	0.62	0.64	0.69
◆ 08-00561-02008		0.8	0.3	0.4	0.37	12°	4	45	6,600	0.89	0.93	0.96	1.00	1.09
◆ 08-00561-02010		1	0.3	0.4	0.37	12°	4	45	6,600	1.10	1.14	1.19	1.24	1.35
◆ 08-00561-02015		1.5	0.3	0.4	0.37	12°	4	45	6,900	1.62	1.69	1.76	1.84	2.02
◆ 08-00561-02020		2	0.3	0.4	0.37	12°	4	45	7,000	2.15	2.23	2.33	2.43	2.68
◆ 08-00561-02025		2.5	0.3	0.4	0.37	12°	4	45	7,300	2.67	2.78	2.90	3.03	3.34
◆ 08-00561-02030		3	0.3	0.4	0.37	12°	4	45	7,700	3.19	3.32	3.47	3.63	4.01
◆ 08-00561-02040		4	0.3	0.4	0.37	12°	4	45	8,300	4.23	4.41	4.61	4.83	5.33
◆ 08-00561-02510	R0.25	1	0.35	0.5	0.46	12°	4	45	6,600	1.13	1.16	1.21	1.26	1.37
◆ 08-00561-02515		1.5	0.35	0.5	0.46	12°	4	45	6,600	1.65	1.71	1.78	1.85	2.03
◆ 08-00561-02520		2	0.35	0.5	0.46	12°	4	45	6,600	2.17	2.25	2.35	2.45	2.69
◆ 08-00561-02525		2.5	0.35	0.5	0.46	12°	4	45	6,600	2.69	2.80	2.92	3.05	3.36
◆ 08-00561-02530		3	0.35	0.5	0.46	12°	4	45	6,600	3.21	3.34	3.49	3.65	4.02
◆ 08-00561-02540		4	0.35	0.5	0.46	12°	4	45	6,600	4.25	4.43	4.63	4.85	5.35
◆ 08-00561-02550		5	0.35	0.5	0.46	12°	4	45	6,900	5.30	5.52	5.77	6.04	6.68
◆ 08-00561-03010	R0.3	1	0.45	0.6	0.56	12°	4	45	4,900	1.12	1.16	1.20	1.25	1.35
◆ 08-00561-03015		1.5	0.45	0.6	0.56	12°	4	45	4,900	1.64	1.71	1.77	1.84	2.02
◆ 08-00561-03020		2	0.45	0.6	0.56	12°	4	45	4,900	2.17	2.25	2.34	2.44	2.68
◆ 08-00561-03025		2.5	0.45	0.6	0.56	12°	4	45	5,200	2.69	2.79	2.91	3.04	3.34
◆ 08-00561-03030		3	0.45	0.6	0.56	12°	4	45	5,200	3.21	3.34	3.48	3.64	4.01
◆ 08-00561-03040		4	0.45	0.6	0.56	12°	4	45	5,500	4.25	4.43	4.62	4.84	5.33
◆ 08-00561-03050		5	0.45	0.6	0.56	12°	4	45	5,500	5.29	5.52	5.76	6.03	6.66
◆ 08-00561-03060	R0.4	6	0.45	0.6	0.56	12°	4	45	5,500	6.34	6.61	6.90	7.23	7.99
◆ 08-00561-04010		1	0.6	0.8	0.76	12°	4	45	5,200	1.12	1.15	1.19	1.23	1.32
◆ 08-00561-04020		2	0.6	0.8	0.76	12°	4	45	5,200	2.16	2.24	2.33	2.42	2.65
◆ 08-00561-04030		3	0.6	0.8	0.76	12°	4	45	5,500	3.20	3.33	3.47	3.62	3.97
◆ 08-00561-04040		4	0.6	0.8	0.76	12°	4	45	5,500	4.25	4.42	4.61	4.82	5.30
◆ 08-00561-04050		5	0.6	0.8	0.76	12°	4	45	5,500	5.29	5.51	5.75	6.01	6.63
◆ 08-00561-04060		6	0.6	0.8	0.76	12°	4	45	5,500	6.33	6.60	6.89	7.21	7.96
◆ 08-00561-04080	R0.5	8	0.6	0.8	0.76	12°	4	45	5,500	8.42	8.78	9.17	9.60	10.61
◆ 08-00561-05020		2	0.75	1	0.95	12°	4	45	4,200	2.18	2.26	2.34	2.43	2.65
◆ 08-00561-05030		3	0.75	1	0.95	12°	4	45	4,200	3.22	3.35	3.48	3.63	3.97
◆ 08-00561-05040		4	0.75	1	0.95	12°	4	45	4,700	4.27	4.44	4.62	4.83	5.30
◆ 08-00561-05050		5	0.75	1	0.95	12°	4	45	4,700	5.31	5.53	5.76	6.02	6.63
◆ 08-00561-05060		6	0.75	1	0.95	12°	4	45	4,900	6.35	6.62	6.90	7.22	7.96
◆ 08-00561-05080		8	0.75	1	0.95	12°	4	45	4,900	8.44	8.79	9.18	9.61	10.61
◆ 08-00561-05100	R0.75	10	0.75	1	0.95	12°	4	45	4,900	10.52	10.97	11.46	12.01	13.26
◆ 08-00561-07503		3	1.1	1.5	1.45	12°	4	45	5,100	3.21	3.33	3.45	3.58	3.89
◆ 08-00561-07504		4	1.1	1.5	1.45	12°	4	45	5,100	4.26	4.41	4.59	4.78	5.22
◆ 08-00561-07506		6	1.1	1.5	1.45	12°	4	45	5,100	6.34	6.59	6.87	7.17	7.88
◆ 08-00561-07508		8	1.1	1.5	1.45	12°	4	45	5,300	8.43	8.77	9.15	9.56	10.53
◆ 08-00561-07510		10	1.1	1.5	1.45	12°	4	45	5,700	10.51	10.95	11.43	11.96	13.18
◆ 08-00561-07512		12	1.1	1.5	1.45	12°	4	45	6,100	12.60	13.13	13.71	14.35	15.84
◆ 08-00561-07514	R1	14	1.1	1.5	1.45	12°	4	50	6,100	14.69	15.31	15.99	16.74	18.49
◆ 08-00561-07516		16	1.1	1.5	1.45	12°	4	50	6,100	16.77	17.49	18.27	19.14	21.15
◆ 08-00561-10003		3	1.5	2	1.94	12°	4	45	4,400	3.23	3.33	3.44	3.56	3.85
◆ 08-00561-10004		4	1.5	2	1.94	12°	4	45	4,400	4.27	4.42	4.58	4.76	5.17
◆ 08-00561-10006		6	1.5	2	1.94	12°	4	45	4,900	6.36	6.60	6.86	7.15	7.83
◆ 08-00561-10008		8	1.5	2	1.94	12°	4	45	4,900	8.44	8.78	9.14	9.54	10.48
◆ 08-00561-10010		10	1.5	2	1.94	12°	4	45	4,900	10.53	10.95	11.42	11.94	13.14
◆ 08-00561-10012	R1	12	1.5	2	1.94	12°	4	45	4,900	12.61	13.13	13.70	14.33	15.79
◆ 08-00561-10014		14	1.5	2	1.94	12°	4	50	5,000	14.70	15.31	15.98	16.72	18.45
◆ 08-00561-10016		16	1.5	2	1.94	12°	4	50	5,000	16.78	17.49	18.27	19.12	Free
◆ 08-00561-10018		18	1.5	2	1.94	12°	4	55	5,000	18.87	19.67	20.55	21.51	Free
◆ 08-00561-10020		20	1.5	2	1.94	12°	4	55	5,000	20.96	21.85	22.83	23.90	Free