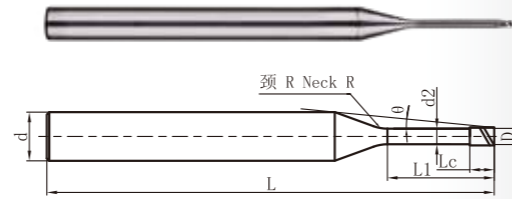


UM-SN2

小径深加工2刃平头立铣刀
2 flute, square endmill for small diameter & deep machining



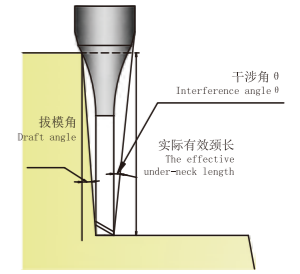
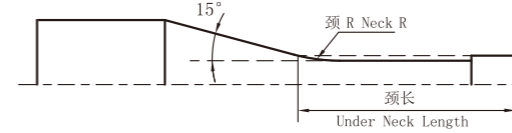
订货号 Ordering Code	外径 (D) Mill Dia.	颈长 (L1) Under Neck Length	刃长 (Lc) Flute Length	颈径 (d2) Neck Dia.	全长 (L) Overall Length	柄径 (d) Shank Dia.	颈 (R) Neck R	干涉角 (θ) Interference Angle	对应拔模角的有效颈长 The effective under-neck length for the various draft angles					库存 Stock
									0.5°	1°	1.5°	2°	3°	
UM-SN2-01002	0.1	0.3	0.15	0.08	50	4	1	14.39	0.31	0.33	0.35	0.37	0.40	●
UM-SN2-01005		0.5						14.03	0.52	0.55	0.58	0.60	0.65	●
UM-SN2-01010		1						13.22	1.05	1.09	1.13	1.18	1.27	●
UM-SN2-02005	0.2	0.5	0.3	0.17	50	4	1	14.03	0.52	0.54	0.57	0.59	0.64	●
UM-SN2-02010		1						13.20	1.04	1.08	1.12	1.16	1.26	●
UM-SN2-02015		1.5						12.45	1.56	1.62	1.67	1.74	1.88	●
UM-SN2-02020	0.3	2	0.45	0.27	50	4	2	11.79	2.08	2.15	2.23	2.31	2.50	●
UM-SN2-02030		3						10.65	3.11	3.22	3.34	3.46	3.74	●
UM-SN2-03010		1						13.06	1.06	1.12	1.18	1.23	1.33	●
UM-SN2-03015	0.4	1.5	0.6	0.37	50	4	2	12.31	1.59	1.67	1.74	1.81	1.95	●
UM-SN2-03020		2						11.65	2.12	2.21	2.29	2.38	2.57	●
UM-SN2-03025		2.5						11.05	2.64	2.75	2.85	2.96	3.20	●
UM-SN2-03030	0.5	3	0.75	0.47	50	4	2	10.51	3.16	3.28	3.40	3.53	3.82	●
UM-SN2-04010		1						13.01	1.06	1.12	1.18	1.23	1.33	●
UM-SN2-04015		1.5						12.25	1.59	1.67	1.74	1.81	1.95	●
UM-SN2-04020	0.6	2	0.9	0.57	50	4	4	11.57	2.12	2.21	2.29	2.38	2.57	●
UM-SN2-04025		2.5						10.97	2.64	2.75	2.85	2.96	3.20	●
UM-SN2-04030		3						10.42	3.16	3.28	3.40	3.53	3.82	●
UM-SN2-04035	0.7	3.5	1.05	0.65	50	4	4	9.92	3.68	3.82	3.96	4.11	4.44	●
UM-SN2-04040		4						9.47	4.20	4.35	4.51	4.68	5.06	●
UM-SN2-04050		5						8.68	5.24	5.42	5.62	5.83	6.30	●
UM-SN2-04060	0.8	6	1.2	0.76	50	4	4	8.01	6.27	6.49	6.73	6.98	7.55	●
UM-SN2-04080		8						6.94	8.34	8.63	8.94	9.28	10.03	●
UM-SN2-04100		10						6.12	10.41	10.77	11.16	11.58	12.52	●
UM-SN2-05010	0.9	1	1.35	0.86	50	4	4	12.96	1.06	1.12	1.18	1.23	1.33	●
UM-SN2-05015		1.5						12.19	1.59	1.67	1.74	1.81	1.95	●
UM-SN2-05020		2						11.50	2.12	2.21	2.29	2.38	2.57	●
UM-SN2-05025	1.0	2.5	1.5	1.03	50	4	4	10.88	2.64	2.75	2.85	2.96	3.20	●
UM-SN2-05030		3						10.33	3.16	3.28	3.40	3.53	3.82	●
UM-SN2-05040		4						9.37	4.20	4.35	4.51	4.68	5.06	●
UM-SN2-05050	1.1	5	1.75	1.19	50	4	4	8.58	5.24	5.42	5.62	5.83	6.30	●
UM-SN2-05060		6						7.91	6.27	6.49	6.73	6.98	7.55	●
UM-SN2-05080		8						6.84	8.34	8.63	8.94	9.28	10.03	●
UM-SN2-05100	1.2	10	2.25	1.44	50	4	4	6.02	10.41	10.77	11.16	11.58	12.52	●
UM-SN2-06020		2						11.21	2.17	2.31	2.44	2.56	2.78	●
UM-SN2-06030		3						10.07	3.24	3.42	3.58	3.72	4.02	●
UM-SN2-06040	1.3	4	2.75	1.61	50	4	4	9.13	4.30	4.51	4.69	4.87	5.26	●
UM-SN2-06050		5						8.36	5.35	5.59	5.80	6.02	6.50	●
UM-SN2-06060		6						7.70	6.40	6.67	6.91	7.17	7.75	●
UM-SN2-06070	1.4	7	3.25	1.89	50	4	4	7.14	7.44	7.74	8.02	8.32	8.99	●
UM-SN2-06080		8						6.66	8.49	8.81	9.12	9.47	10.23	●
UM-SN2-06090		9						6.23	9.53	9.88	10.23	10.62	11.48	●
UM-SN2-06100	1.5	10	3.75	2.07	50	4	4	5.86	10.57	10.94	11.34	11.77	12.72	●

● 标准库存 Stock ○ 需预定 Available Upon Order 推荐切削参数P159/P163

外径D	公差 Tol.	外径D	公差 Tol.	外径D	公差 Tol.
0.1≤D≤0.5	0 -0.007	0.6≤D≤0.9	0 -0.01	1.0≤D≤6.0	0 -0.015 (mm)

UM-SN2

小径深加工2刃平头立铣刀
2 flute, square endmill for small diameter & deep machining



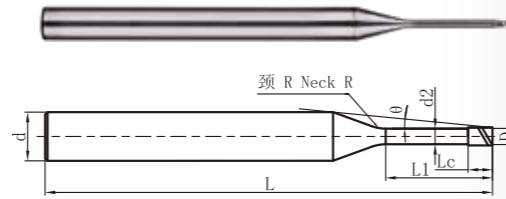
订货号 Ordering Code	外径 (D) Mill Dia.	颈长 (L1) Under Neck Length	刃长 (Lc) Flute Length	颈径 (d2) Neck Dia.	全长 (L) Overall Length	柄径 (d) Shank Dia.	颈 (R) Neck R	干涉角 (θ) Interference Angle	对应拔模角的有效颈长 The effective under-neck length for the various draft angles					库存 Stock
									0.5°	1°	1.5°	2°	3°	
UM-SN2-07020	0.7	2	1.05	0.67	50	4	4	11.13	2.17	2.31	2.44	2.56	2.78	●
UM-SN2-07040		4						9.02	4.30	4.51	4.69	4.87	5.26	●
UM-SN2-07060		6						7.59	6.40	6.67	6.91	7.17	7.75	●
UM-SN2-07080	0.8	8	1.2	0.76	50	4	4	6.54	8.49	8.81	9.12	9.47	10.23	●
UM-SN2-07100		10						5.75	10.57	10.94	11.34	11.77	12.72	●
UM-SN2-08040		4						8.94	4.27	4.48	4.65	4.83	5.22	●
UM-SN2-08060	0.9	6	1.35	0.86	50	4	4	7.49	6.37	6.63	6.87	7.13	7.70	●
UM-SN2-08080		8						6.45	8.46	8.77	9.09	9.43	10.19	●
UM-SN2-08100		10						5.65	10.54	10.91	11.30	11.73	12.68	●
UM-SN2-08120	1.0	12	1.5	0.96	50	4	4	5.04	12.61	13.05	13.52	14.03	15.16	●
UM-SN2-09060		6						7.37	6.37	6.63	6.87	7.13	7.70	●
UM-SN2-09080		8						6.33	8.46	8.77	9.09	9.43	10.19	●
UM-SN2-09100	1.1	10	1.75	1.03	50	4	4	5.54	10.54	10.91	11.30	11.73	12.68	●
UM-SN2-09120		12						4.93	12.61	13.05	13.52	14.03	15.16	●
UM-SN2-10020		2						10.89	2.15	2.29	2.41	2.52	2.73	●
UM-SN2-10030	1.2	3	1.8	1.15	50	4	4	9.68	3.21	3.39	3.54	3.68	3.98	●
UM-SN2-10040		4						8.71	4.27	4.48	4.65	4.83	5.22	●
UM-SN2-10050		5						7.91	5.32	5.56	5.76	5.98	6.46	●
UM-SN2-10060	1.3	6	2.25	1.44	50	4	4	7.25	6.37	6.63	6.87	7.13	7.70	●
UM-SN2-10070		7						6.69	7.41	7.7	7.98	8.28	8.95	●
UM-SN2-10080		8						6.21	8.46	8.77	9.09	9.43	10.19	●
UM-SN2-10090	1.4	9	2.75	1.61	50	4	4	5.79	9.50	9.84	10.19	10.58	11.43	●
UM-SN2-10100		10						5.43	10.54	10.91	11.30	11.73	12.68	●
UM-SN2-10120		12						4.82	12.61	13.05	13.52	14.03	15.16	●
UM-SN2-10140	1.5	14	3.25	1.89	50	4	4	4.34	14.67	15.19	15.73	16.32	17.65	●
UM-SN2-10160		16						3.94	16.74	17.33	17.95	18.62	20.14	●
UM-SN2-10200		20						3.33	20.88	21.6	22.38	23.22	25.11	●
UM-SN2-10250	1.6	25	3.75	2.07	65	4	4	2.79	26.05	26.95	27.93	28.97	-	●
UM-SN2-12060		6						7.01	6.35	6.6	6.84	7.09	7.67	●
UM-SN2-12080		8						5.97	8.43	8.74	9.05	9.39	10.16	●
UM-SN2-12100	1.7	10	4.25	2.13	50	4	4	5.20	10.51	10.88	11.27	11.69	12.64	●
UM-SN2-12120		12						4.61	12.58	13.02	13.49	13.99	15.13	●
UM-SN2-12160		16						3.75	16.71	17.3	17.92	18.59	20.10	●
UM-SN2-14060	1.8	6	4.75	2.31	50	4	4	6.74	6.33	6.57	6.81	7.07	7.64	●
UM-SN2-14120		12						4.38	12.55	12.99	13.46	13.97	15.10	●
UM-SN2-15040		4						8.08	4.24	4.43	4.59	4.77	5.15	●
UM-SN2-15060	1.9	6	5.25	2.49	50	4	4	6.60	6.33	6.57	6.81	7.07	7.64	●
UM-SN2-15080		8						5.58	8.41	8.71	9.03	9.37	10.13	●
UM-SN2-15100		10						4.83	10.48	10.85	11.24	11.67	12.61	●
UM-SN2-15120	2.0	12	5.75	2.67	50	4	4	4.26	12.55	12.99	13.46	13.97	15.10	●
UM-SN2-15140		14						3.81	14.62	15.13	15.68	16.26	17.58	●
UM-SN2-15160		16						3.44	16.69	17.27	17.89	18.56	20.07	●
UM-SN2-15180	2.1	18	6.25	2.85	60	4	4	3.14	18.76	19.41	20.11	20.86	22.56	●

● 标准库存 Stock ○ 需预定 Available Upon Order 推荐切削参数P160/P164

外径D	公差 Tol.	外径D	公差 Tol.	外径D	公差 Tol.
0.1≤D≤0.5	0 -0.007	0.6≤D≤0.9	0 -0.01	1.0≤D≤6.0	0 -0.015 (mm)

UM-SN2

小径深加工2刃平头立铣刀
2 flute, square endmill for small diameter & deep machining



订货号 Ordering Code	外径 (D) Mill Dia.	颈长 (L1) Under Neck Length	刃长 (Lc) Flute Length	颈径 (d2) Neck Dia.	全长 (L) Overall Length	柄径 (d) Shank Dia.	颈 (R) Neck R	干涉角 (θ) Interference Angle	对应拔模角的有效颈长 The effective under-neck length for the various draft angles					库存 Stock
									0.5°	1°	1.5°	2°	3°	
									UM-SN2-15200		20			
UM-SN2-15250		25			65			2.41	25.99	26.9	27.87	28.91	-	●
UM-SN2-15300	1.5	30	2.25	1.44	70	4	4	2.06	31.16	32.25	33.41	34.66	-	●
UM-SN2-15350		35			75			1.80	36.33	37.59	38.95	-	-	●
UM-SN2-15400		40			80			1.60	41.50	42.94	44.49	-	-	●
UM-SN2-16060	1.6	6	2.4	1.54	50	4	4	6.45	6.33	6.57	6.81	7.07	7.64	●
UM-SN2-16080		8			50			5.43	8.41	8.71	9.03	9.37	10.13	●
UM-SN2-18060	1.8	6	2.7	1.73	50	4	4	6.14	6.31	6.55	6.79	7.04	7.61	●
UM-SN2-18080		8			50			5.14	8.39	8.69	9.00	9.34	10.10	●
UM-SN2-20040		4			50			7.27	4.21	4.39	4.55	4.72	5.11	●
UM-SN2-20060		6			50			5.81	6.30	6.53	6.77	7.02	7.59	●
UM-SN2-20080		8			50			4.83	8.38	8.67	8.99	9.32	10.08	●
UM-SN2-20100		10			50			4.14	10.45	10.81	11.20	11.62	12.57	●
UM-SN2-20120		12			55			3.62	12.51	12.95	13.42	13.92	15.05	●
UM-SN2-20140		14			55			3.21	14.58	15.09	15.64	16.22	17.54	●
UM-SN2-20160	2	16	3	1.92	55	4	4	2.89	16.65	17.23	17.85	18.52	-	●
UM-SN2-20180		18			60			2.63	18.72	19.37	20.07	20.82	-	●
UM-SN2-20200		20			60			2.41	20.78	21.51	22.28	23.12	-	●
UM-SN2-20250		25			65			1.99	25.95	26.86	27.83	-	-	●
UM-SN2-20300		30			70			1.70	31.12	32.2	33.37	-	-	●
UM-SN2-20350		35			75			1.48	36.29	37.55	-	-	-	●
UM-SN2-20400		40			80			1.31	41.46	42.9	-	-	-	●
UM-SN2-20500		50			90			1.07	51.79	53.6	-	-	-	●
UM-SN2-25080		8			50			3.95	8.35	8.64	8.95	9.29	10.04	●
UM-SN2-25120		12			55			2.89	12.48	12.92	13.39	13.89	-	●
UM-SN2-25160		16			55			2.28	16.62	17.2	17.82	18.49	-	●
UM-SN2-25200	2.5	20	3.75	2.4	60	4	4	1.88	20.75	21.48	22.25	-	-	●
UM-SN2-25300		30			70			1.31	31.09	32.17	-	-	-	●
UM-SN2-25400		40			80			1.01	41.43	42.87	-	-	-	●
UM-SN2-25500		50			90			0.82	51.76	-	-	-	-	●
UM-SN2-30080		8			55			6.27	8.33	8.62	8.93	9.26	10.02	●
UM-SN2-30120		12			60			4.86	12.46	12.9	13.36	13.86	14.99	●
UM-SN2-30160		16			60			3.97	16.60	17.17	17.79	18.46	19.96	●
UM-SN2-30200	3	20	4.5	2.88	65	6	4	3.35	20.73	21.45	22.23	23.06	24.93	●
UM-SN2-30250		25			70			2.81	25.90	26.8	27.77	28.81	-	●
UM-SN2-30300		30			75			2.41	31.07	32.15	33.31	34.56	-	●
UM-SN2-30400		40			90			1.89	41.40	42.85	44.39	-	-	●
UM-SN2-30500		50			100			1.55	51.74	53.54	55.48	-	-	●
UM-SN2-40120		12			60			3.63	12.44	12.88	13.34	13.84	14.97	●
UM-SN2-40160		16			60			2.90	16.58	17.16	17.78	18.44	-	●
UM-SN2-40200	4	20	6	3.86	70	6	4	2.41	20.71	21.43	22.21	23.04	-	●
UM-SN2-40250		25			70			2.00	25.88	26.78	27.75	-	-	●
UM-SN2-40300		30			80			1.70	31.05	32.13	33.29	-	-	●

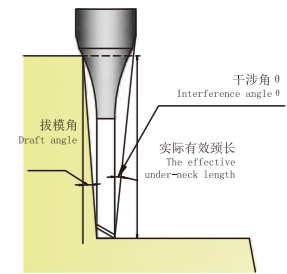
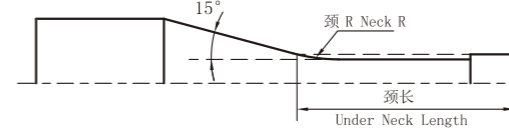
● 标准库存 Stock ○ 需预定 Available Upon Order 推荐切削参数 P161/P165

外径 D	公差 Tol.	外径 D	公差 Tol.	外径 D	公差 Tol.
0.1 ≤ D ≤ 0.5	0 -0.007	0.6 ≤ D ≤ 0.9	0 -0.01	1.0 ≤ D ≤ 6.0	0 -0.015

(mm)

UM-SN2

小径深加工2刃平头立铣刀
2 flute, square endmill for small diameter & deep machining



订货号 Ordering Code	外径 (D) Mill Dia.	颈长 (L1) Under Neck Length	刃长 (Lc) Flute Length	颈径 (d2) Neck Dia.	全长 (L) Overall Length	柄径 (d) Shank Dia.	颈 (R) Neck R	干涉角 (θ) Interference Angle	对应拔模角的有效颈长 The effective under-neck length for the various draft angles					库存 Stock
									0.5°	1°	1.5°	2°	3°	
									UM-SN2-40350		35			
UM-SN2-40400	4	40	6	3.86	90	6	4	1.31	41.39	42.83	-	-	-	●
UM-SN2-40500		50			100			1.07	51.72	53.52	-	-	-	●
UM-SN2-50200		20			70			1.31	20.71	21.43	-	-	-	●
UM-SN2-50250		25			70			1.07	25.87	26.78	-	-	-	●
UM-SN2-50300	5	30	7.5	4.85	80	6	4	0.90	31.04	-	-	-	-	●
UM-SN2-50400		40			90			0.69	41.38	-	-	-	-	●
UM-SN2-50500		50			100			0.56	51.72	-	-	-	-	●
UM-SN2-60200		20			70			-	-	-	-	-	-	●
UM-SN2-60300		30			80			-	-	-	-	-	-	●
UM-SN2-60400	6	40	9	5.85	90	6	-	-	-	-	-	-	-	●
UM-SN2-60500		50			100			-	-	-	-	-	-	●

● 标准库存 Stock ○ 需预定 Available Upon Order

推荐切削参数 P162/P166

外径 D	公差 Tol.
0.1 ≤ D ≤ 0.5	0 -0.007
0.6 ≤ D ≤ 0.9	0 -0.01
1.0 ≤ D ≤ 6.0	0 -0.015

(mm)