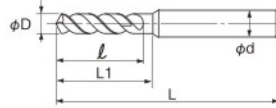


可以对普通钢材、不锈钢、铝材实现高速、高效率的加工。



单位 (Unit): mm

LIST 6548

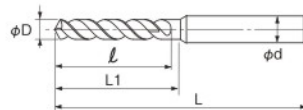
Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

可以对普通钢材、不锈钢、铝材实现高速、高效率的加工。



单位 (Unit): mm

LIST 6546

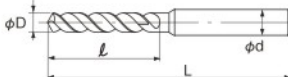
Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

Table with 5 columns: 直径 (D), 槽长 (l), 头下长 (L1), 全长 (L), 刀柄直径 (d). Contains 26 rows of drill bit specifications.

通过 AG 涂层满足稳定钻孔的要求, 并且非常适合不锈钢钻孔。



LIST 6594P

单位 (Unit): mm

直径 D	槽长 ℓ	全长 L	刀柄直径 d	直径 D	槽长 ℓ	全长 L	刀柄直径 d	直径 D	槽长 ℓ	全长 L	刀柄直径 d	直径 D	槽长 ℓ	全长 L	刀柄直径 d
1.0	12	50	3	4.4	47	89	6	7.8	75	119	8	11.2	94	151	12
1.1	14	50	3	4.5	47	89	6	7.9	75	119	8	11.3	94	151	12
1.2	16	50	3	4.6	47	89	6	8.0	75	119	8	11.4	94	151	12
1.3	16	50	3	4.7	47	89	6	8.1	75	125	10	11.5	94	151	12
1.4	18	50	3	4.8	52	94	6	8.2	75	125	10	11.6	94	151	12
1.5	18	50	3	4.9	52	94	6	8.3	75	125	10	11.7	94	151	12
1.6	20	56	3	5.0	52	94	6	8.4	75	125	10	11.8	94	151	12
1.7	20	56	3	5.1	52	94	6	8.5	75	125	10	11.9	101	158	12
1.8	22	56	3	5.2	52	94	6	8.6	81	131	10	12.0	101	158	12
1.9	22	56	3	5.3	52	94	6	8.7	81	131	10	12.1	101	158	12
2.0	24	56	3	5.4	57	99	6	8.8	81	131	10	12.2	101	158	12
2.1	24	56	3	5.5	57	99	6	8.9	81	131	10	12.3	101	158	12
2.2	25	56	3	5.6	57	99	6	9.0	81	131	10	12.4	101	158	12
2.3	25	56	3	5.7	57	99	6	9.1	81	131	10	12.5	101	158	12
2.4	30	64	3	5.8	57	99	6	9.2	81	131	10	12.6	101	158	12
2.5	30	64	3	5.9	57	99	6	9.3	81	131	10	12.7	101	158	12
2.6	30	64	3	6.0	57	99	6	9.4	81	131	10	12.8	101	158	12
2.7	33	64	3	6.1	63	107	8	9.5	81	131	10	12.9	101	158	12
2.8	33	64	3	6.2	63	107	8	9.6	87	137	10	13.0	101	158	12
2.9	33	64	3	6.3	63	107	8	9.7	87	137	10	13.5	108	168	16
3.0	33	64	3	6.4	63	107	8	9.8	87	137	10	14.0	108	168	16
3.1	36	71	4	6.5	63	107	8	9.9	87	137	10	14.5	114	173	16
3.2	36	71	4	6.6	63	107	8	10.0	87	137	10	15.0	114	180	20
3.3	36	71	4	6.7	63	107	8	10.1	87	144	12	15.5	120	185	20
3.4	39	71	4	6.8	69	113	8	10.2	87	144	12	16.0	120	185	20
3.5	39	71	4	6.9	69	113	8	10.3	87	144	12	16.5	125	189	20
3.6	39	71	4	7.0	69	113	8	10.4	87	144	12	17.0	125	189	20
3.7	39	71	4	7.1	69	113	8	10.5	87	144	12	17.5	130	194	20
3.8	43	75	4	7.2	69	113	8	10.6	87	144	12	18.0	130	194	20
3.9	43	75	4	7.3	69	113	8	10.7	94	151	12	18.5	135	198	20
4.0	43	75	4	7.4	69	113	8	10.8	94	151	12	19.0	135	206	25
4.1	43	89	6	7.5	69	113	8	10.9	94	151	12	19.5	140	210	25
4.2	43	89	6	7.6	75	119	8	11.0	94	151	12	20.0	140	210	25
4.3	47	89	6	7.7	75	119	8	11.1	94	151	12				

* 所有的内径为 0.01 毫米的钻头规格范围为 0~0.0009 毫米, 除了内径为 0.05mm 的钻头。

可以高效率地处理钢、铸铁的加工。可无阶式加工深度达 5D 的深孔。

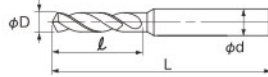


LIST 6536

单位 (Unit): mm

直径 D	槽长 ℓ	全长 L	直径 D	槽长 ℓ	全长 L	直径 D	槽长 ℓ	全长 L	直径 D	槽长 ℓ	全长 L	直径 D	槽长 ℓ	全长 L
1.0	12	34	3.5	39	70	6.0	57	93	8.5	75	117	11.0	94	142
1.1	14	36	3.6	39	70	6.1	63	101	8.6	81	125	11.1	94	142
1.2	16	38	3.7	39	70	6.2	63	101	8.7	81	125	11.2	94	142
1.3	16	38	3.8	43	75	6.3	63	101	8.8	81	125	11.3	94	142
1.4	18	40	3.9	43	75	6.4	63	101	8.9	81	125	11.4	94	142
1.5	18	40	4.0	43	75	6.5	63	101	9.0	81	125	11.5	94	142
1.6	20	43	4.1	43	75	6.6	63	101	9.1	81	125	11.6	94	142
1.7	20	43	4.2	43	75	6.7	63	101	9.2	81	125	11.7	94	142
1.8	22	46	4.3	47	80	6.8	69	109	9.3	81	125	11.8	94	142
1.9	22	46	4.4	47	80	6.9	69	109	9.4	81	125	11.9	101	151
2.0	24	49	4.5	47	80	7.0	69	109	9.5	81	125	12.0	101	151
2.1	24	49	4.6	47	80	7.1	69	109	9.6	87	133	12.1	101	151
2.2	27	53	4.7	47	80	7.2	69	109	9.7	87	133	12.2	101	151
2.3	27	53	4.8	52	86	7.3	69	109	9.8	87	133	12.3	101	151
2.4	30	57	4.9	52	86	7.4	69	109	9.9	87	133	12.4	101	151
2.5	30	57	5.0	52	86	7.5	69	109	10.0	87	133	12.5	101	151
2.6	30	57	5.1	52	86	7.6	75	117	10.1	87	133	12.6	101	151
2.7	33	61	5.2	52	86	7.7	75	117	10.2	87	133	12.7	101	151
2.8	33	61	5.3	52	86	7.8	75	117	10.3	87	133	12.8	101	151
2.9	33	61	5.4	57	93	7.9	75	117	10.4	87	133	12.9	101	151
3.0	33	61	5.5	57	93	8.0	75	117	10.5	87	133	13.0	101	151
3.1	36	65	5.6	57	93	8.1	75	117	10.6	87	133			
3.2	36	65	5.7	57	93	8.2	75	117	10.7	94	142			
3.3	36	65	5.8	57	93	8.3	75	117	10.8	94	142			
3.4	39	70	5.9	57	93	8.4	75	117	10.9	94	142			

具有短长度的钻头，适用的工件材料从碳钢和不锈钢到铝。



LIST 7572P

单位 (Unit): mm

直径 D	槽长 ℓ	全长 L	刀柄直径 d
1.0	6	38	3
1.05	6	38	3
1.1	7	39	3
1.15	7	39	3
1.2	8	40	3
1.25	8	40	3
1.3	8	40	3
1.35	9	41	3
1.4	9	41	3
1.45	9	41	3
1.5	9	41	3
1.55	10	42	3
1.6	10	42	3
1.65	10	42	3
1.7	10	42	3
1.75	11	43	3
1.8	11	43	3
1.85	11	43	3
1.9	11	43	3
1.95	12	44	3
2.0	12	44	3
2.05	12	44	3
2.1	12	44	3
2.15	13	45	3
2.2	13	45	3
2.25	13	45	3
2.3	13	45	3
2.35	13	45	3
2.4	14	46	3
2.45	14	46	3
2.5	14	46	3
2.55	14	46	3
2.6	14	46	3
2.65	14	46	3
2.7	16	48	3
2.75	16	48	3
2.8	16	48	3
2.85	16	48	3
2.9	16	48	3
2.95	16	48	3
3.0	16	48	3
3.05	18	50	4
3.1	18	50	4
3.15	18	50	4
3.2	18	50	4
3.25	18	50	4
3.3	18	50	4
3.35	18	50	4
3.4	20	52	4
3.45	20	52	4
3.5	20	52	4
3.55	20	52	4
3.6	20	52	4

直径 D	槽长 ℓ	全长 L	刀柄直径 d
3.65	20	52	4
3.7	20	52	4
3.75	20	52	4
3.8	22	54	4
3.85	22	54	4
3.9	22	54	4
3.95	22	54	4
4.0	22	54	4
4.05	22	66	6
4.1	22	66	6
4.15	22	66	6
4.2	22	66	6
4.25	22	66	6
4.3	24	68	6
4.35	24	68	6
4.4	24	68	6
4.45	24	68	6
4.5	24	68	6
4.55	24	68	6
4.6	24	68	6
4.65	24	68	6
4.7	24	68	6
4.75	24	68	6
4.8	26	70	6
4.85	26	70	6
4.9	26	70	6
4.95	26	70	6
5.0	26	70	6
5.05	26	70	6
5.1	26	70	6
5.15	26	70	6
5.2	26	70	6
5.25	26	70	6
5.3	26	70	6
5.35	28	72	6
5.4	28	72	6
5.45	28	72	6
5.5	28	72	6
5.55	28	72	6
5.6	28	72	6
5.65	28	72	6
5.7	28	72	6
5.75	28	72	6
5.8	28	72	6
5.85	28	72	6
5.9	28	72	6
5.95	28	72	6
6.0	28	72	6
6.1	31	75	8
6.2	31	75	8
6.3	31	75	8
6.4	31	75	8
6.5	31	75	8

直径 D	槽长 ℓ	全长 L	刀柄直径 d
6.6	31	75	8
6.7	31	75	8
6.8	34	78	8
6.9	34	78	8
7.0	34	78	8
7.1	34	78	8
7.2	34	78	8
7.3	34	78	8
7.4	34	78	8
7.5	34	78	8
7.6	37	81	8
7.7	37	81	8
7.8	37	81	8
7.9	37	81	8
8.0	37	81	8
8.1	37	87	10
8.2	37	87	10
8.3	37	87	10
8.4	37	87	10
8.5	37	87	10
8.6	40	90	10
8.7	40	90	10
8.8	40	90	10
8.9	40	90	10
9.0	40	90	10
9.1	40	90	10
9.2	40	90	10
9.3	40	90	10
9.4	40	90	10
9.5	40	90	10
9.6	43	93	10
9.7	43	93	10
9.8	43	93	10
9.9	43	93	10
10.0	43	93	10
10.1	43	100	12
10.2	43	100	12
10.3	43	100	12
10.4	43	100	12
10.5	43	100	12
10.6	43	100	12
10.7	47	104	12
10.8	47	104	12
10.9	47	104	12
11.0	47	104	12
11.1	47	104	12
11.2	47	104	12
11.3	47	104	12
11.4	47	104	12
11.5	47	104	12
11.6	47	104	12
11.7	47	104	12
11.8	47	104	12

直径 D	槽长 ℓ	全长 L	刀柄直径 d
11.9	51	108	12
12.0	51	108	12
12.1	51	108	12
12.2	51	108	12
12.3	51	108	12
12.4	51	108	12
12.5	51	108	12
12.6	51	108	12
12.7	51	108	12
12.8	51	108	12
12.9	51	108	12
13.0	51	108	12
13.5	72	132	16
14.0	72	132	16
14.5	76	136	16
15.0	76	142	20
15.5	80	146	20
16.0	80	146	20
16.5	84	150	20
17.0	84	150	20
17.5	87	153	20
18.0	87	153	20
18.5	90	156	20
19.0	90	164	25
19.5	94	168	25
20.0	94	168	25

LIST 7572P

1.01~5.99mm 0.01mm 间隔系列

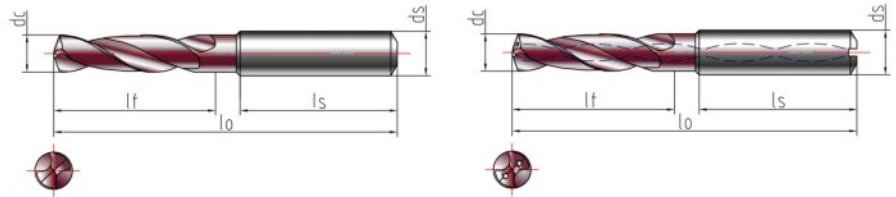
直径 D	槽长 ℓ	全长 L	刀柄直径 d
1.01~1.06	7	38	3
1.07~1.18	8	39	3
1.19~1.32	9	40	3
1.33~1.49	10	41	3
1.51~1.69	11	42	3
1.71~1.89	12	43	3
1.91~2.12	13	44	3
2.13~2.36	14	45	3
2.37~2.64	16	46	3
2.66~2.99	18	48	3
3.01~3.34	20	50	4
3.36~3.74	22	52	4
3.76~3.99	22	54	4
4.01~4.24	24	66	6
4.26~4.74	26	68	6
4.76~5.29	28	70	6
5.31~5.99	11	72	6

直径公差: 0--0.009mm

整体硬质合金麻花钻 3 x D

使用特点

用于结构钢，合金钢，不锈钢，灰铸铁，球墨铸铁，有色金属等常见材料的加工；定心能力强，能获得稳定的尺寸精度和良好的表面质量；适用于加工系统刚性优异的情况



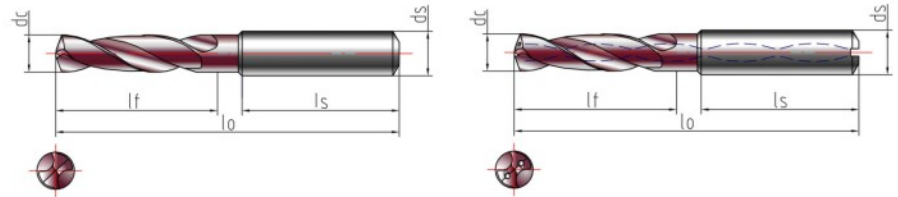
尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
3.00	30300		20	4	28	54
3.05	30305					
3.10	30310					
3.15	30315					
3.20	30320					
3.25	30325		-	-	-	-
3.30	30330					
3.35	30335					
3.40	30340					
3.45	30345					
3.50	30350	30350	-	-	-	-
3.55	30355	30355				
3.60	30360	30360				
3.65	30365	30365				
3.70	30370	30370				
3.75	30375	30375	20	4	28	54
3.80	30380	30380	24	4	28	58
3.85	30385	30385				
3.90	30390	30390				
3.95	30395	30395				
4.00	30400	30400	24	4	28	58
4.10	30410	30410	24	6	36	66
4.20	30420	30420				
4.30	30430	30430				
4.40	30440	30440	-	-	-	-
4.50	30450	30450				
4.60	30460	30460				
4.70	30470	30470	24	6	36	66
4.80	30480	30480	28	6	36	6
4.90	30490	30490	28	6	36	6
5.00	30500	30500	28	6	36	66
5.10	30510	30510				
5.20	30520	30520				
5.30	30530	30530				
5.40	30540	30540				
5.50	30550	30550	-	-	-	-
5.60	30560	30560				
5.70	30570	30570				
5.80	30580	30580				
5.90	30590	30590				
6.00	30600	30600	28	6	36	66
6.10	30610	30610	34	8	36	79
6.20	30620	30620				
6.30	30630	30630				
6.40	30640	30640				

尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
6.50	30650	30650	-	-	-	-
6.60	30660	30660				
6.70	30670	30670				
6.80	30680	30680				
6.90	30690	30690				
7.00	30700	30700	34	8	36	79
7.10	30710	30710	41	8	36	79
7.20	30720	30720				
7.30	30730	30730				
7.40	30740	30740				
7.50	30750	30750	-	-	-	-
7.60	30760	30760				
7.70	30770	30770				
7.80	30780	30780				
7.90	30790	30790	41	8	36	79
8.00	30800	30800	41	8	36	79
8.10	30810	30810	47	10	40	89
8.20	30820	30820				
8.30	30830	30830				
8.40	30840	30840				
8.50	30850	30850	-	-	-	-
8.60	30860	30860				
8.70	30870	30870				
8.80	30880	30880				
8.90	30890	30890				
9.00	30900	30900	-	-	-	-
9.10	30910	30910				
9.20	30920	30920				
9.30	30930	30930				
9.40	30940	30940				
9.50	30950	30950	-	-	-	-
9.60	30960	30960				
9.70	30970	30970				
9.80	30980	30980				
9.90	30990	30990				
10.00	31000	31000	47	10	40	89
10.10	31010	31010	55	12	45	102
10.20	31020	31020				
10.30	31030	31030				
10.40	31040	31040				
10.50	31050	31050	-	-	-	-
10.60	31060	31060				
10.70	31070	31070				
10.80	31080	31080				
10.90	31090	31090	55	12	45	102

整体硬质合金麻花钻 3 x D

使用特点

用于结构钢，合金钢，不锈钢，灰铸铁，球墨铸铁，有色金属等常见材料的加工；定心能力强，能获得稳定的尺寸精度和良好的表面质量；适用于加工系统刚性优异的场合



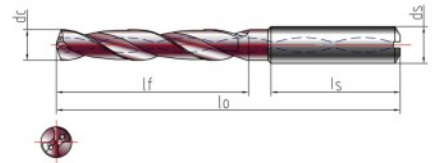
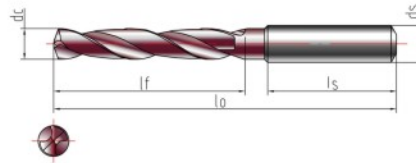
尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
11.00	31100	31100	55	12	45	102
11.10	31110	31110				
11.20	31120	31120				
11.30	31130	31130				
11.40	31140	31140				
11.50	31150	31150	-	-	-	-
11.60	31160	31160				
11.70	31170	31170				
11.80	31180	31180				
11.90	31190	31190				
12.00	31200	31200	55	12	45	102
12.10	31210	31210	60	14	45	107
12.20	31220	31220				
12.30	31230	31230				
12.40	31240	31240				
12.50	31250	31250	-	-	-	-
12.60	31260	31260				
12.70	31270	31270				
12.80	31280	31280				
12.90	31290	31290				
13.00	31300	31300	-	-	-	-
13.10	31310	31310				
13.20	31320	31320				
13.30	31330	31330				
13.40	31340	31340				
13.50	31350	31350	-	-	-	-
13.60	31360	31360				
13.70	31370	31370				
13.80	31380	31380				
13.90	31390	31390	60	14	45	107
14.00	31400	31400	60	14	45	107
14.10	31410	31410	65	16	48	115
14.20	31420	31420				
14.30	31430	31430				
14.40	31440	31440				
14.50	31450	31450	-	-	-	-
14.60	31460	31460				
14.70	31470	31470				
14.80	31480	31480				
14.90	31490	31490				
15.00	31500	31500	-	-	-	-
15.10	31510	31510				
15.20	31520	31520				
15.30	31530	31530				
15.40	31540	31540				
15.50	31550	31550	-	-	-	-

尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
15.60	31560	31560				
15.70	31570	31570				
15.80	31580	31580				
15.90	31590	31590				
16.00	31600	31600	65	16	48	115
16.10	31610	31610	73	18	48	123
16.20	31620	31620				
16.30	31630	31630				
16.40	31640	31640				
16.50	31650	31650	-	-	-	-
16.60	31660	31660				
16.70	31670	31670				
16.80	31680	31680				
16.90	31690	31690	73	18	48	123
17.00	31700	31700	73	18	48	123
17.10	31710	31710				
17.20	31720	31720				
17.30	31730	31730				
17.40	31740	31740				
17.50	31750	31750	-	-	-	-
17.60	31760	31760				
17.70	31770	31770				
17.80	31780	31780				
17.90	31790	31790				
18.00	31800	31800	73	18	48	123
18.10	31810	31810	79	20	50	131
18.20	31820	31820				
18.30	31830	31830				
18.40	31840	31840				
18.50	31850	31850	-	-	-	-
18.60	31860	31860				
18.70	31870	31870				
18.80	31880	31880				
18.90	31890	31890				
19.00	31900	31900	-	-	-	-
19.10	31910	31910				
19.20	31920	31920				
19.30	31930	31930				
19.40	31940	31940				
19.50	31950	31950	-	-	-	-
19.60	31960	31960				
19.70	31970	31970				
19.80	31980	31980				
19.90	31990	31990				
20.00	32000	32000	79	20	50	131

整体硬质合金麻花钻 5 x D

使用特点

用于结构钢，合金钢，不锈钢，灰铸铁，球墨铸铁，有色金属等常见材料的加工；定心能力强，能获得稳定的尺寸精度和良好的表面质量；适用于加工系统刚性优异的情况



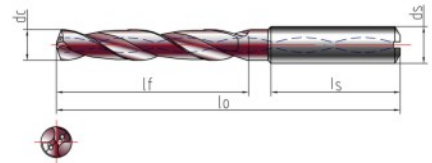
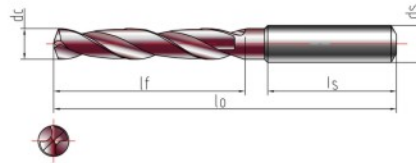
尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
3.00	50300		28	4	28	58
3.05	50305					
3.10	50310					
3.15	50315					
3.20	50320					
3.25	50325		-	-	-	-
3.30	50330					
3.35	50335					
3.40	50340					
3.45	50345					
3.50	50350	50350	-	-	-	-
3.55	50355	50355				
3.60	50360	50360				
3.65	50365	50365				
3.70	50370	50370				
3.75	50375	50375	28	4	28	58
3.80	50380	50380	36	4	28	66
3.85	50385	50385				
3.90	50390	50390	-	-	-	-
3.95	50395	50395				
4.00	50400	50400	36	4	28	66
4.10	50410	50410	36	6	36	74
4.20	50420	50420				
4.30	50430	50430				
4.40	50440	50440	-	-	-	-
4.50	50450	50450				
4.60	50460	50460				
4.70	50470	50470	36	6	36	74
4.80	50480	50480	44	6	36	82
4.90	50490	50490	44	6	36	82
5.00	50500	50500	44	6	36	82
5.10	50510	50510				
5.20	50520	50520				
5.30	50530	50530				
5.40	50540	50540				
5.50	50550	50550	-	-	-	-
5.60	50560	50560				
5.70	50570	50570				
5.80	50580	50580				
5.90	50590	50590				
6.00	50600	50600	44	6	36	82
6.10	50610	50610	53	8	36	91
6.20	50620	50620				
6.30	50630	50630				
6.40	50640	50640				

尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
6.50	50650	50650	-	-	-	-
6.60	50660	50660				
6.70	50670	50670				
6.80	50680	50680				
6.90	50690	50690				
7.00	50700	50700	-	-	-	-
7.10	50710	50710				
7.20	50720	50720				
7.30	50730	50730				
7.40	50740	50740				
7.50	50750	50750	-	-	-	-
7.60	50760	50760				
7.70	50770	50770				
7.80	50780	50780				
7.90	50790	50790	53	8	36	91
8.00	50800	50800	53	8	36	91
8.10	50810	50810	61	10	40	103
8.20	50820	50820				
8.30	50830	50830				
8.40	50840	50840				
8.50	50850	50850	-	-	-	-
8.60	50860	50860				
8.70	50870	50870				
8.80	50880	50880				
8.90	50890	50890				
9.00	50900	50900	-	-	-	-
9.10	50910	50910				
9.20	50920	50920				
9.30	50930	50930				
9.40	50940	50940				
9.50	50950	50950	-	-	-	-
9.60	50960	50960				
9.70	50970	50970				
9.80	50980	50980				
9.90	50990	50990				
10.00	51000	51000	61	10	40	103
10.10	51010	51010	71	12	45	118
10.20	51020	51020				
10.30	51030	51030				
10.40	51040	51040				
10.50	51050	51050	-	-	-	-
10.60	51060	51060				
10.70	51070	51070				
10.80	51080	51080				
10.90	51090	51090	71	12	45	118

整体硬质合金麻花钻 5 x D

使用特点

用于结构钢，合金钢，不锈钢，灰铸铁，球墨铸铁，有色金属等常见材料的加工；定心能力强，能获得稳定的尺寸精度和良好的表面质量；适用于加工系统刚性优异的情况



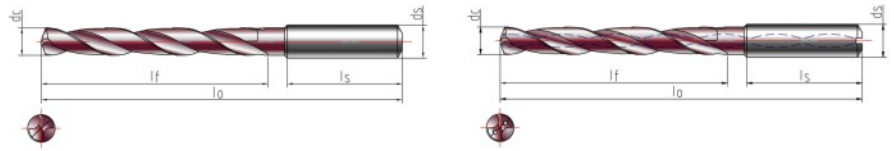
尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
11.00	51100	51100	71	12	45	118
11.10	51110	51110				
11.20	51120	51120				
11.30	51130	51130				
11.40	51140	51140				
11.50	51150	51150	-	-	-	-
11.60	51160	51160				
11.70	51170	51170				
11.80	51180	51180				
11.90	51190	51190				
12.00	51200	51200	71	12	45	118
12.10	51210	51210	77	14	45	124
12.20	51220	51220				
12.30	51230	51230				
12.40	51240	51240				
12.50	51250	51250	-	-	-	-
12.60	51260	51260				
12.70	51270	51270				
12.80	51280	51280				
12.90	51290	51290				
13.00	51300	51300	-	-	-	-
13.10	51310	51310				
13.20	51320	51320				
13.30	51330	51330				
13.40	51340	51340				
13.50	51350	51350	-	-	-	-
13.60	51360	51360				
13.70	51370	51370				
13.80	51380	51380				
13.90	51390	51390	77	14	45	124
14.00	51400	51400	77	14	45	124
14.10	51410	51410	83	16	48	133
14.20	51420	51420				
14.30	51430	51430				
14.40	51440	51440				
14.50	51450	51450	-	-	-	-
14.60	51460	51460				
14.70	51470	51470				
14.80	51480	51480				
14.90	51490	51490				
15.00	51500	51500	-	-	-	-
15.10	51510	51510				
15.20	51520	51520				
15.30	51530	51530				
15.40	51540	51540				

尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
15.50	51550	51550	-	-	-	-
15.60	51560	51560				
15.70	51570	51570				
15.80	51580	51580				
15.90	51590	51590				
16.00	51600	51600	83	16	48	133
16.10	51610	51610	93	18	48	143
16.20	51620	51620				
16.30	51630	51630				
16.40	51640	51640				
16.50	51650	51650	-	-	-	-
16.60	51660	51660				
16.70	51670	51670				
16.80	51680	51680				
16.90	51690	51690	93	18	48	143
17.00	51700	51700	93	18	48	143
17.10	51710	51710				
17.20	51720	51720				
17.30	51730	51730				
17.40	51740	51740				
17.50	51750	51750	-	-	-	-
17.60	51760	51760				
17.70	51770	51770				
17.80	51780	51780				
17.90	51790	51790				
18.00	51800	51800	93	18	48	143
18.10	51810	51810	101	20	50	153
18.20	51820	51820				
18.30	51830	51830				
18.40	51840	51840				
18.50	51850	051850	-	-	-	-
18.60	51860	51860				
18.70	51870	51870				
18.80	51880	51880				
18.90	51890	51890				
19.00	51900	51900	-	-	-	-
19.10	51910	51910				
19.20	51920	51920				
19.30	51930	51930				
19.40	51940	51940				
19.50	51950	51950	-	-	-	-
19.60	51960	51960				
19.70	51970	51970				
19.80	51980	51980				
19.90	51990	51990				
20.00	52000	52000	101	20	50	153

整体硬质合金麻花钻 8 x D

使用特点

用于结构钢，合金钢，不锈钢，灰铸铁，球墨铸铁，有色金属等常见材料的加工；定心能力强，能获得稳定的尺寸精度和良好的表面质量；适用于加工系统刚性优异的情况



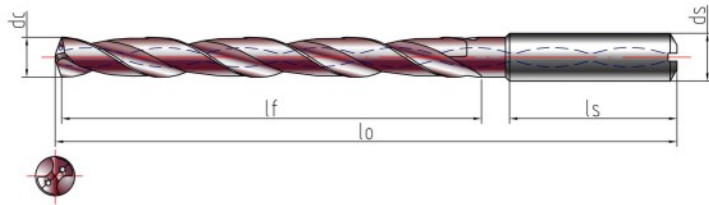
尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
4.00	80400	80400	42	4	28	75
4.50	80450	80450	50	6	36	90
5.00	80500	80500	50			90
5.50	80550	80550	57			97
6.00	80600	80600	57	6	36	97
6.50	80650	80650	66	8	36	106
7.00	80700	80700	76			116
7.50	80750	80750				
8.00	80800	80800	76	8	36	116
8.50	80850	80850	87	10	40	131
9.00	80900	80900	87			131
9.50	80950	80950	95			139
10.00	81000	81000	95	10	40	139
10.50	81050	81050	106	12	45	155
11.00	81100	81100	106			155
11.50	81150	81150	114			163
12.00	81200	81200	114	12	45	163

尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
12.50	81250	81250	133	14	45	182
13.00	81300	81300				
13.50	81350	81350				
14.00	81400	81400	133	14	45	182
14.50	81450	81450	152	16	48	204
15.00	81500	81500				
15.50	81550	81550				
16.00	81600	81600	152	16	48	204
16.50	81650	81650	171	18	48	223
17.00	81700	81700				
17.50	81750	81750				
18.00	81800	81800	171	18	48	223
18.50	81850	81850	190	20	50	244
19.00	81900	81900				
19.50	81950	81950				
20.00	82000	82000	190	20	50	244

整体硬质合金麻花钻 12 x D

使用特点

用于结构钢，合金钢，不锈钢，灰铸铁，球墨铸铁，有色金属等常见材料的加工；定心能力强，能获得稳定的尺寸精度和良好的表面质量；适用于加工系统刚性优异的情况



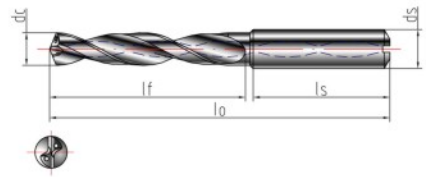
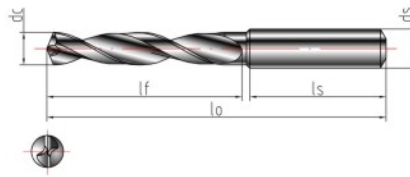
尺寸系列	订购号		尺寸特征			
	内冷		lf	ds	ls	lo
4.00	20400		64	6	36	102
4.20	20420					
4.30	20430					
4.50	20450		64	6	36	102
5.00	20500		78	6	36	116
5.50	20550					
6.00	20600		78	6	36	116
6.50	20650		108	8	36	146
6.80	20680					
7.00	20700					
7.50	20750					
8.00	20800		108	8	36	146
8.50	20850		120	10	40	162
9.00	20900					
9.50	20950					

尺寸系列	订购号		尺寸特征			
	内冷		lf	ds	ls	lo
10.00	21000		120	10	40	162
10.20	21020		156	12	45	204
10.50	21050					
11.00	21100					
11.50	21150					
12.00	21200		156	12	45	204
12.50	21250		182	14	45	230
13.00	21300					
13.50	21350					
14.00	21400		182	14	45	230
14.50	21450		208	16	48	260
15.00	21500					
15.50	21550					
16.00	21600		208	16	48	260

整体硬质合金铝合金专用钻头 5 x D

使用特点

适用于包括变形铝合金、铸造铝合金、铜合金等有色金属；尤其适合铝镁合金、长切屑铝合金、长切屑铜合金；独特槽形处理工艺，排屑更流畅，耐用度更好；也适用于无内冷机床



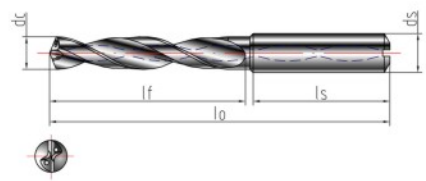
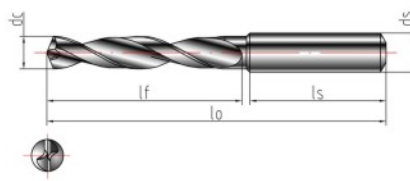
尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
3.00	50300		28	4	28	58
3.05	50305					
3.10	50310					
3.15	50315					
3.20	50320					
3.25	50325		-	-	-	-
3.30	50330					
3.35	50335					
3.40	50340					
3.45	50345					
3.50	50350	50350	-	-	-	-
3.55	50355	50355				
3.60	50360	50360				
3.65	50365	50365				
3.70	50370	50370				
3.75	50375	50375	28	4	28	58
3.80	50380	50380	36	4	28	66
3.85	50385	50385				
3.90	50390	50390	-	-	-	-
3.95	50395	50395				
4.00	50400	50400	36	4	28	66
4.10	50410	50410	36	6	36	74
4.20	50420	50420				
4.30	50430	50430				
4.40	50440	50440	-	-	-	-
4.50	50450	50450				
4.60	50460	50460				
4.70	50470	50470	36	6	36	74
4.80	50480	50480	44	6	36	82
4.90	50490	50490	44	6	36	82
5.00	50500	50500	44	6	36	82
5.10	50510	50510				
5.20	50520	50520				
5.30	50530	50530				
5.40	50540	50540				
5.50	50550	50550	-	-	-	-
5.60	50560	50560				
5.70	50570	50570				
5.80	50580	50580				
5.90	50590	50590				
6.00	50600	50600	44	6	36	82
6.10	50610	50610	53	8	36	91
6.20	50620	50620				
6.30	50630	50630				
6.40	50640	50640				

尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
6.50	50650	50650	-	-	-	-
6.60	50660	50660				
6.70	50670	50670				
6.80	50680	50680				
6.90	50690	50690				
7.00	50700	50700	-	-	-	-
7.10	50710	50710				
7.20	50720	50720				
7.30	50730	50730				
7.40	50740	50740				
7.50	50750	50750	-	-	-	-
7.60	50760	50760				
7.70	50770	50770				
7.80	50780	50780				
7.90	50790	50790	53	8	36	91
8.00	50800	50800	53	8	36	91
8.10	50810	50810	61	10	40	103
8.20	50820	50820				
8.30	50830	50830				
8.40	50840	50840				
8.50	50850	50850	-	-	-	-
8.60	50860	50860				
8.70	50870	50870				
8.80	50880	50880				
8.90	50890	50890				
9.00	50900	50900	-	-	-	-
9.10	50910	50910				
9.20	50920	50920				
9.30	50930	50930				
9.40	50940	50940				
9.50	50950	50950	-	-	-	-
9.60	50960	50960				
9.70	50970	50970				
9.80	50980	50980				
9.90	50990	50990				
10.00	51000	51000	61	10	40	103
10.10	51010	51010	71	12	45	118
10.20	51020	51020				
10.30	51030	51030				
10.40	51040	51040				
10.50	51050	51050	-	-	-	-
10.60	51060	51060				
10.70	51070	51070				
10.80	51080	51080				
10.90	51090	51090	71	12	45	118

整体硬质合金铝合金专用钻头 5 x D

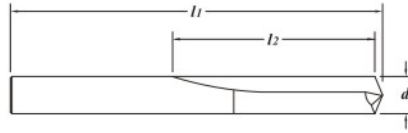
使用特点

适用于包括变形铝合金、铸造铝合金、铜合金等有色金属；尤其适合铝镁合金、长切屑铝合金、长切屑铜合金；独特槽形处理工艺，排屑更流畅，耐用度更好；也适用于无内冷机床



尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
11.00	51100	51100	71	12	45	118
11.10	51110	51110				
11.20	51120	51120				
11.30	51130	51130				
11.40	51140	51140				
11.50	51150	51150	-	-	-	-
11.60	51160	51160				
11.70	51170	51170				
11.80	51180	51180				
11.90	51190	51190				
12.00	51200	51200	71	12	45	118
12.10	51210	51210	77	14	45	124
12.20	51220	51220				
12.30	51230	51230				
12.40	51240	51240				
12.50	51250	51250	-	-	-	-
12.60	51260	51260				
12.70	51270	51270				
12.80	51280	51280				
12.90	51290	51290				
13.00	51300	51300	-	-	-	-
13.10	51310	51310				
13.20	51320	51320				
13.30	51330	51330				
13.40	51340	51340				
13.50	51350	51350	-	-	-	-
13.60	51360	51360				
13.70	51370	51370				
13.80	51380	51380				
13.90	51390	51390	77	14	45	124
14.00	51400	51400	77	14	45	124
14.10	51410	51410	83	16	48	133
14.20	51420	51420				
14.30	51430	51430				
14.40	51440	51440				
14.50	51450	51450	-	-	-	-
14.60	51460	51460				
14.70	51470	51470				
14.80	51480	51480				
14.90	51490	51490				
15.00	51500	51500	-	-	-	-
15.10	51510	51510				
15.20	51520	51520				
15.30	51530	51530				
15.40	51540	51540				

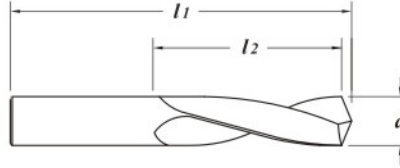
尺寸系列	订购号		尺寸特征			
	外冷	内冷	lf	ds	ls	lo
15.50	51550	51550	-	-	-	-
15.60	51560	51560				
15.70	51570	51570				
15.80	51580	51580				
15.90	51590	51590				
16.00	51600	51600	83	16	48	133
16.10	51610	51610	93	18	48	143
16.20	51620	51620				
16.30	51630	51630				
16.40	51640	51640				
16.50	51650	51650	-	-	-	-
16.60	51660	51660				
16.70	51670	51670				
16.80	51680	51680				
16.90	51690	51690	93	18	48	143
17.00	51700	51700	93	18	48	143
17.10	51710	51710				
17.20	51720	51720				
17.30	51730	51730				
17.40	51740	51740				
17.50	51750	51750	-	-	-	-
17.60	51760	51760				
17.70	51770	51770				
17.80	51780	51780				
17.90	51790	51790				
18.00	51800	51800	93	18	48	143
18.10	51810	51810	101	20	50	153
18.20	51820	51820				
18.30	51830	51830				
18.40	51840	51840				
18.50	51850	51850	-	-	-	-
18.60	51860	51860				
18.70	51870	51870				
18.80	51880	51880				
18.90	51890	51890				
19.00	51900	51900	-	-	-	-
19.10	51910	51910				
19.20	51920	51920				
19.30	51930	51930				
19.40	51940	51940				
19.50	51950	51950	-	-	-	-
19.60	51960	51960				
19.70	51970	51970				
19.80	51980	51980				
19.90	51990	51990				
20.00	52000	52000	101	20	50	153



整体硬质合金钻头
 直排屑槽结构保证了极好的刚性
 推荐加工洛氏硬度40或40以上的材质
 耐热性和润滑性特好
 跟无涂层刀具相比可提高速度高达 40%
 推荐加工高银合金、钴基合金和粉末冶金
 不建议在车床，或工具必须给纱
 柄部公差：-0,0025 / -0,0100mm (-.0001" -.0004")

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
59166	.0625	1/16"	1.588	1-3/4"	5/8"
59181	.0700	#50	1.778	1-3/4"	3/4"
59186	.0730	#49	1.854	1-3/4"	3/4"
59191	.0760	#48	1.930	1-3/4"	3/4"
59196	.0781	5/64"	1.984	1-3/4"	3/4"
59201	.0785	#47	1.994	1-3/4"	7/8"
39001	.0787		2.000	50	22
59211	.0810	#46	2.057	2"	7/8"
59216	.0820	#45	2.083	2"	7/8"
59221	.0860	#44	2.184	2"	7/8"
59226	.0890	#43	2.261	2"	7/8"
59231	.0935	#42	2.375	2"	7/8"
59236	.0938	3/32"	2.383	2"	7/8"
59241	.0960	#41	2.438	2"	7/8"
59246	.0980	#40	2.489	2"	7/8"
39051	.0984		2.500	50	22
59256	.0995	#39	2.527	2"	7/8"
59261	.1015	#38	2.578	2"	7/8"
59266	.1040	#37	2.642	2"	7/8"
59271	.1065	#36	2.705	2"	7/8"
59276	.1094	7/64"	2.779	2"	1"
59281	.1100	#35	2.794	2"	1"
59286	.1110	#34	2.819	2"	1"
59291	.1130	#33	2.870	2"	1"
59296	.1160	#32	2.946	2"	1"
39101	.1181		3.000	50	25
59306	.1200	#31	3.048	2"	1"
59311	.1250	1/8"	3.175	2"	1"
59316	.1285	#30	3.264	2"	1"
59321	.1360	#29	3.454	2"	1"
39151	.1378		3.500	50	25
59331	.1405	#28	3.569	2"	1"
59336	.1406	9/64"	3.571	2"	1"
59341	.1440	#27	3.658	2"	1"
59346	.1470	#26	3.734	2"	1"
59351	.1495	#25	3.797	2"	1"
59356	.1520	#24	3.861	2"	1"
59361	.1540	#23	3.912	2"	1"
59366	.1562	5/32"	3.967	2-1/2"	1-1/8"
59371	.1570	#22	3.988	2-1/2"	1-1/8"
39201	.1575		4.000	63	28
59381	.1590	#21	4.039	2-1/2"	1-1/8"
59386	.1610	#20	4.089	2-1/2"	1-1/8"
59391	.1660	#19	4.216	2-1/2"	1-1/8"

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
59396	.1695	#18	4.305	2-1/2"	1-3/16"
59401	.1719	11/64"	4.366	2-1/2"	1-3/16"
59406	.1730	#17	4.394	2-1/2"	1-3/16"
59411	.1770	#16	4.496	2-1/2"	1-3/16"
39251	.1772		4.500	63	28
59421	.1800	#15	4.572	2-1/2"	1-3/16"
59426	.1820	#14	4.623	2-1/2"	1-3/16"
59431	.1850	#13	4.700	2-1/2"	1-3/16"
59436	.1875	3/16"	4.763	2-1/2"	1-3/16"
59441	.1890	#12	4.801	2-1/2"	1-3/16"
59446	.1910	#11	4.851	2-1/2"	1-3/16"
59451	.1935	#10	4.915	2-1/2"	1-1/4"
59456	.1960	#9	4.978	2-1/2"	1-1/4"
39301	.1969		5.000	63	32
59466	.1990	#8	5.055	2-1/2"	1-1/4"
59471	.2010	#7	5.105	2-1/2"	1-1/4"
59476	.2031	13/64"	5.159	2-1/2"	1-1/4"
59481	.2040	#6	5.182	2-1/2"	1-1/4"
59486	.2055	#5	5.220	2-1/2"	1-1/4"
59491	.2090	#4	5.309	2-1/2"	1-1/4"
59496	.2130	#3	5.410	2-1/2"	1-1/4"
39351	.2165		5.500	63	32
59506	.2188	7/32"	5.558	2-1/2"	1-1/2"
59511	.2210	#2	5.613	2-1/2"	1-1/2"
59516	.2280	#1	5.791	2-1/2"	1-1/2"
59526	.2344	15/64"	5.954	2-1/2"	1-1/2"
39401	.2362		6.000	63	38
59551	.2500	1/4"	6.350	2-1/2"	1-1/2"
39451	.2559		6.500	63	38
59571	.2656	17/64"	6.746	2-1/2"	1-1/2"
39501	.2756		7.000	63	38
59601	.2812	9/32"	7.142	2-1/2"	1-1/2"
39521	.2953		7.500	63	41
59621	.2969	19/64"	7.541	2-1/2"	1-5/8"
59631	.3125	5/16"	7.938	2-1/2"	1-5/8"
39541	.3150		8.000	63	41
59651	.3281	21/64"	8.334	3"	1-5/8"
39561	.3346		8.500	76	41
59671	.3438	11/32"	8.733	3"	1-5/8"
39581	.3543		9.000	76	41
59691	.3594	23/64"	9.129	3"	1-3/4"
39601	.3740		9.500	76	41
59706	.3750	3/8"	9.525	3"	1-3/4"
59721	.3906	25/64"	9.921	3"	1-3/4"
39621	.3937		10.000	76	44
59741	.4062	13/32"	10.317	3"	1-3/4"
39641	.4134		10.500	76	44
59756	.4219	27/64"	10.716	3"	1-3/4"
39661	.4331		11.000	76	44
59766	.4375	7/16"	11.113	3"	1-3/4"
39681	.4528		11.500	76	44
59776	.4531	29/64"	11.509	3"	1-3/4"
59781	.4688	15/32"	11.908	3"	1-3/4"
39701	.4724		12.000	76	44
59791	.4844	31/64"	12.304	3"	1-3/4"
39721	.4921		12.500	76	44
59801	.5000	1/2"	12.700	3"	1-3/4"

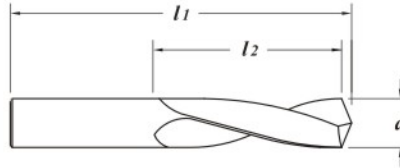


整体硬质合金钻头
耐热性和润滑性特好
跟无涂层刀具相比可提高速度高达40%
大的中心刃产生超强刚性和强度
经过修磨的刀尖

推荐加工钛合金、铬镍铁耐热耐
蚀合金、耐盐酸镍基合金、耐高
热镍基合金和不锈钢合金
不建议在车床、或工具必须纺纱
柄部公差: -0.0025/-0.0100mm
(-0.001"-0.004")

EDP#	d^{\dagger} Diameter		l_1 Overall Length	l_2 Flute Length	
	Decimal	Metric			
19071	.0625	1/16"	1.588	1-3/4"	5/8"
19076	.0635	#52	1.613	1-3/4"	11/16"
19081	.0670	#51	1.702	1-3/4"	11/16"
19086	.0700	#50	1.778	1-3/4"	11/16"
19091	.0730	#49	1.854	1-3/4"	11/16"
19096	.0760	#48	1.930	1-3/4"	11/16"
19101	.0781	5/64"	1.984	1-3/4"	11/16"
19106	.0785	#47	1.994	1-3/4"	3/4"
19116	.0787		2.000	45	19
19121	.0810	#46	2.057	1-3/4"	3/4"
19126	.0820	#45	2.083	1-3/4"	3/4"
19131	.0860	#44	2.184	1-3/4"	3/4"
19136	.0890	#43	2.261	1-3/4"	3/4"
19141	.0935	#42	2.375	1-3/4"	3/4"
19146	.0938	3/32"	2.383	1-3/4"	3/4"
19151	.0960	#41	2.438	1-13/16"	13/16"
19156	.0980	#40	2.489	1-13/16"	13/16"
19161	.0984		2.500	46	21
19166	.0995	#39	2.527	1-13/16"	13/16"
19171	.1015	#38	2.578	1-13/16"	13/16"
19176	.1040	#37	2.642	1-13/16"	13/16"
19181	.1065	#36	2.705	1-13/16"	13/16"
19186	.1094	7/64"	2.779	1-13/16"	13/16"
19191	.1100	#35	2.794	1-7/8"	7/8"
19196	.1110	#34	2.819	1-7/8"	7/8"
19201	.1130	#33	2.870	1-7/8"	7/8"
19206	.1160	#32	2.946	1-7/8"	7/8"
19211	.1181		3.000	48	22
19216	.1200	#31	3.048	1-7/8"	7/8"
19221	.1250	1/8"	3.175	1-7/8"	7/8"
19226	.1285	#30	3.264	1-15/16"	15/16"
19231	.1360	#29	3.454	1-15/16"	15/16"
19236	.1378		3.500	49	24
19241	.1405	#28	3.569	1-15/16"	15/16"
19246	.1406	9/64"	3.571	1-15/16"	15/16"
19251	.1440	#27	3.658	2-1/16"	1"
19256	.1470	#26	3.734	2-1/16"	1"
19261	.1495	#25	3.797	2-1/16"	1"
19266	.1520	#24	3.861	2-1/16"	1"
19271	.1540	#23	3.912	2-1/16"	1"
19276	.1562	5/32"	3.967	2-1/16"	1"
19281	.1570	#22	3.988	2-1/8"	1-1/16"
19286	.1575		4.000	54	27

EDP#	d^{\dagger} Diameter		l_1 Overall Length	l_2 Flute Length	
	Decimal	Metric			
19291	.1590	#21	4.039	2-1/8"	1-1/16"
19296	.1610	#20	4.089	2-1/8"	1-1/16"
19301	.1660	#19	4.216	2-1/8"	1-1/16"
19306	.1695	#18	4.305	2-1/8"	1-1/16"
19311	.1719	11/64"	4.366	2-1/8"	1-1/16"
19316	.1730	#17	4.394	2-3/16"	1-1/8"
19321	.1770	#16	4.496	2-3/16"	1-1/8"
19326	.1772		4.500	56	29
19331	.1800	#15	4.572	2-3/16"	1-1/8"
19336	.1820	#14	4.623	2-3/16"	1-1/8"
19341	.1850	#13	4.700	2-3/16"	1-1/8"
19346	.1875	3/16"	4.763	2-3/16"	1-1/8"
19351	.1890	#12	4.801	2-1/4"	1-3/16"
19356	.1910	#11	4.851	2-1/4"	1-3/16"
19361	.1935	#10	4.915	2-1/4"	1-3/16"
19366	.1960	#9	4.978	2-1/4"	1-3/16"
19371	.1969		5.000	57	30
19376	.1990	#8	5.055	2-1/4"	1-3/16"
19381	.2010	#7	5.105	2-1/4"	1-3/16"
19386	.2031	13/64"	5.159	2-1/4"	1-3/16"
19391	.2040	#6	5.182	2-3/8"	1-1/4"
19396	.2055	#5	5.220	2-3/8"	1-1/4"
19401	.2090	#4	5.309	2-3/8"	1-1/4"
19406	.2130	#3	5.410	2-3/8"	1-1/4"
19411	.2165		5.500	60	32
19416	.2188	7/32"	5.558	2-3/8"	1-1/4"
19421	.2210	#2	5.613	2-7/16"	1-5/16"
19426	.2280	#1	5.791	2-7/16"	1-5/16"
19431	.2340	A	5.944	2-7/16"	1-5/16"
19436	.2344	15/64"	5.954	2-7/16"	1-5/16"
19441	.2362		6.000	64	35
19446	.2380	B	6.045	2-1/2"	1-3/8"
19451	.2420	C	6.147	2-1/2"	1-3/8"
19456	.2460	D	6.248	2-1/2"	1-3/8"
19461	.2500	1/4" / E	6.350	2-1/2"	1-3/8"
19466	.2559		6.500	67	37
19471	.2570	F	6.528	2-5/8"	1-7/16"
19476	.2610	G	6.629	2-5/8"	1-7/16"
19481	.2656	17/64"	6.746	2-5/8"	1-7/16"
19486	.2660	H	6.756	2-11/16"	1-1/2"
19491	.2720	I	6.909	2-11/16"	1-1/2"
19496	.2756		7.000	68	38
19501	.2770	J	7.036	2-11/16"	1-1/2"
19506	.2810	K	7.137	2-11/16"	1-1/2"
19511	.2812	9/32"	7.142	2-11/16"	1-1/2"
19516	.2900	L	7.366	2-3/4"	1-9/16"
19521	.2950	M	7.493	2-3/4"	1-9/16"
19526	.2953		7.500	70	40
19531	.2969	19/64"	7.541	2-3/4"	1-9/16"
19536	.3020	N	7.671	2-15/16"	1-5/8"
19541	.3125	5/16"	7.938	2-15/16"	1-5/8"
19546	.3150		8.000	75	43
19551	.3160	O	8.026	2-15/16"	1-11/16"
19556	.3230	P	8.204	2-15/16"	1-11/16"
19561	.3281	21/64"	8.334	2-15/16"	1-11/16"
19566	.3320	Q	8.433	3"	1-11/16"
19571	.3346		8.500	76	43

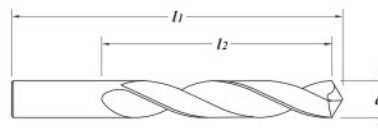


整体硬质合金钻头
耐热性和润滑性特好
跟无涂层刀具相比可提高速度高达40%
大的中心刃产生超强刚性和强度
经过修磨的刀尖

推荐加工钛合金、铬镍铁耐热耐
蚀合金、耐盐酸镍基合金、耐高
热镍基合金和不锈钢合金
不建议在车床，或工具必须纺纱
柄部公差: -0.0025 / -0.0100mm
(-0.001" -0.004")

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
19576	.3390	R	8.611	3"
19581	.3438	11/32"	8.733	3"
19586	.3480	S	8.839	3-1/16"
19591	.3543		9.000	78
19596	.3580	T	9.093	3-1/16"
19601	.3594	23/64"	9.129	3-1/16"
19606	.3680	U	9.347	3-1/8"
19611	.3740		9.500	79
19616	.3750	3/8"	9.525	3-1/8"
19621	.3770	V	9.576	3-1/4"
19626	.3860	W	9.804	3-1/4"
19631	.3906	25/64"	9.921	3-1/4"
19636	.3937		10.000	84
19641	.3970	X	10.084	3-5/16"
19646	.4040	Y	10.262	3-5/16"
19651	.4062	13/32"	10.317	3-5/16"
19656	.4130	Z	10.490	3-3/8"
19661	.4134		10.500	86
19666	.4219	27/64"	10.716	3-3/8"
19671	.4331		11.000	87
19676	.4375	7/16"	11.113	3-7/16"
19681	.4528		11.500	91

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
19686	.4531	29/64"	11.509	3-9/16"
19691	.4688	15/32"	11.908	3-5/8"
19696	.4724		12.000	94
19701	.4844	31/64"	12.304	3-11/16"
19706	.4921		12.500	95
19711	.5000	1/2"	12.700	3-3/4"
19716	.5118		13.000	107
19721	.5156	33/64"	13.096	4-1/4"
19726	.5312	17/32"	13.492	4-1/4"
19731	.5315		13.500	107
19736	.5469	35/64"	13.891	4-1/4"
19741	.5512		14.000	107
19746	.5625	9/16"	14.287	4-1/2"
19751	.5709		14.500	115
19756	.5781	37/64"	14.683	4-1/2"
19761	.5906		15.000	115
19766	.5938	19/32"	15.082	4-1/2"
19771	.6094	39/64"	15.478	4-1/2"
19776	.6102		15.500	115
19781	.6250	5/8"	15.875	4-1/2"
19786	.6299		16.000	115

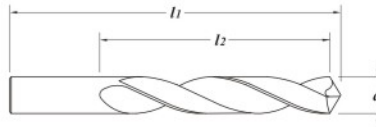


整体硬质合金钻头
耐热性和润滑性特好
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在多数用途中不需要定心
能适应从高速钢转换

推荐加工钛合金、铬镍铁耐热耐
蚀合金、耐盐酸镍基合金、耐高
热镍基合金和不锈钢合金
不建议在车床，或工具必须纺纱
柄部公差: -0.0025 / -0.0100mm
(-0.001" -0.004")

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
89166	.0625	1/16"	1.588	1-3/4"
89171	.0635	#52	1.613	1-3/4"
89176	.0670	#51	1.702	1-3/4"
89181	.0700	#50	1.778	1-3/4"
89186	.0730	#49	1.854	1-3/4"
89191	.0760	#48	1.930	1-3/4"
89196	.0781	5/64"	1.984	1-3/4"
89201	.0785	#47	1.994	1-3/4"
89206	.0787		2.000	44
89211	.0810	#46	2.057	1-3/4"
89216	.0820	#45	2.083	1-3/4"
89221	.0860	#44	2.184	2"
89226	.0890	#43	2.261	2"
89231	.0935	#42	2.375	2"
89236	.0938	3/32"	2.383	2"
89241	.0960	#41	2.438	2"
89246	.0980	#40	2.489	2"
89251	.0984		2.500	57
89256	.0995	#39	2.527	2-1/4"
89261	.1015	#38	2.578	2-1/4"
89266	.1040	#37	2.642	2-1/4"
89271	.1065	#36	2.705	2-1/4"

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
89276	.1094	7/64"	2.779	2-1/4"
89281	.1100	#35	2.794	2-1/4"
89286	.1110	#34	2.819	2-1/4"
89291	.1130	#33	2.870	2-1/4"
89296	.1160	#32	2.946	2-1/4"
89301	.1181		3.000	57
89306	.1200	#31	3.048	2-1/4"
89311	.1250	1/8"	3.175	2-1/4"
89316	.1285	#30	3.264	2-1/4"
89321	.1360	#29	3.454	2-1/2"
89326	.1378		3.500	63
89331	.1405	#28	3.569	2-1/2"
89336	.1406	9/64"	3.571	2-1/2"
89341	.1440	#27	3.658	2-1/2"
89346	.1470	#26	3.734	2-1/2"
89351	.1495	#25	3.797	2-1/2"
89356	.1520	#24	3.861	2-1/2"
89361	.1540	#23	3.912	2-1/2"
89366	.1562	5/32"	3.967	2-1/2"
89371	.1570	#22	3.988	2-1/2"
89376	.1575		4.000	63

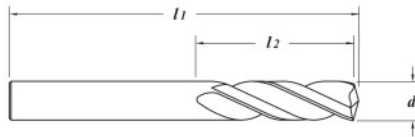


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(-.0001" - .0004")

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
89381	.1590	#21	4.039	2-1/2"	1-3/8"
89386	.1610	#20	4.089	2-1/2"	1-3/8"
89391	.1660	#19	4.216	2-3/4"	1-5/8"
89396	.1695	#18	4.305	2-3/4"	1-5/8"
89401	.1719	11/64"	4.366	2-3/4"	1-5/8"
89406	.1730	#17	4.394	2-3/4"	1-5/8"
89411	.1770	#16	4.496	2-3/4"	1-5/8"
89416	.1772		4.500	70	41
89421	.1800	#15	4.572	2-3/4"	1-5/8"
89426	.1820	#14	4.623	2-3/4"	1-5/8"
89431	.1850	#13	4.700	2-3/4"	1-5/8"
89436	.1875	3/16"	4.763	2-3/4"	1-5/8"
89441	.1890	#12	4.801	2-3/4"	1-5/8"
89446	.1910	#11	4.851	2-3/4"	1-5/8"
89451	.1935	#10	4.915	2-3/4"	1-5/8"
89456	.1960	#9	4.978	3"	1-3/4"
89461	.1969		5.000	76	44
89466	.1990	#8	5.055	3"	1-3/4"
89471	.2010	#7	5.105	3"	1-3/4"
89476	.2031	13/64"	5.159	3"	1-3/4"
89481	.2040	#6	5.182	3"	1-3/4"
89486	.2055	#5	5.220	3"	1-3/4"
89491	.2090	#4	5.309	3"	1-3/4"
89496	.2130	#3	5.410	3"	1-3/4"
89501	.2165		5.500	76	44
89506	.2188	7/32"	5.558	3"	1-3/4"
89511	.2210	#2	5.613	3"	1-3/4"
89516	.2280	#1	5.791	3"	1-3/4"
89521	.2340	A	5.944	3-1/4"	2"
89526	.2344	15/64"	5.954	3-1/4"	2"
89531	.2362		6.000	82	50
89536	.2380	B	6.045	3-1/4"	2"
89541	.2420	C	6.147	3-1/4"	2"
89546	.2460	D	6.248	3-1/4"	2"
89551	.2500	1/4" / E	6.350	3-1/4"	2"
89556	.2559		6.500	82	50
89561	.2570	F	6.528	3-1/4"	2"
89566	.2610	G	6.629	3-1/2"	2-1/8"
89571	.2656	17/64"	6.746	3-1/2"	2-1/8"
89576	.2660	H	6.756	3-1/2"	2-1/8"
89581	.2720	I	6.909	3-1/2"	2-1/8"
89586	.2756		7.000	88	54
89591	.2770	J	7.036	3-1/2"	2-1/8"
89596	.2810	K	7.137	3-1/2"	2-1/8"
89601	.2812	9/32"	7.142	3-1/2"	2-1/8"
89606	.2900	L	7.366	3-1/2"	2-1/8"
89611	.2950	M	7.493	3-3/4"	2-3/8"
89616	.2953		7.500	95	60
89621	.2969	19/64"	7.541	3-3/4"	2-3/8"
89626	.3020	N	7.671	3-3/4"	2-3/8"
89631	.3125	5/16"	7.938	3-3/4"	2-3/8"
89636	.3150		8.000	95	60
89641	.3160	O	8.026	3-3/4"	2-3/8"
89646	.3230	P	8.204	3-3/4"	2-3/8"
89651	.3281	21/64"	8.334	4"	2-1/2"
89656	.3320	Q	8.433	4"	2-1/2"
89661	.3346		8.500	101	63

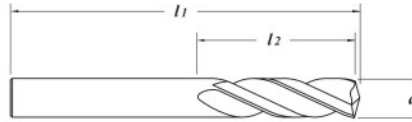
EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
89666	.3390	R	8.611	4"	2-1/2"
89671	.3438	11/32"	8.733	4"	2-1/2"
89676	.3480	S	8.839	4"	2-1/2"
89681	.3543		9.000	101	63
89686	.3580	T	9.093	4-1/4"	2-3/4"
89691	.3594	23/64"	9.129	4-1/4"	2-3/4"
89696	.3680	U	9.347	4-1/4"	2-3/4"
89701	.3740		9.500	107	70
89706	.3750	3/8"	9.525	4-1/4"	2-3/4"
89711	.3770	V	9.576	4-1/4"	2-3/4"
89716	.3860	W	9.804	4-1/2"	2-7/8"
89721	.3906	25/64"	9.921	4-1/2"	2-7/8"
89726	.3937		10.000	114	73
89731	.3970	X	10.084	4-1/2"	2-7/8"
89736	.4040	Y	10.262	4-1/2"	2-7/8"
89741	.4062	13/32"	10.317	4-1/2"	2-7/8"
89746	.4130	Z	10.490	4-1/2"	2-7/8"
89751	.4134		10.500	114	73
89756	.4219	27/64"	10.716	4-1/2"	2-7/8"
89761	.4331		11.000	114	73
89766	.4375	7/16"	11.113	4-1/2"	2-7/8"
89771	.4528		11.500	120	76
89776	.4531	29/64"	11.509	4-3/4"	3"
89781	.4688	15/32"	11.908	4-3/4"	3"
89786	.4724		12.000	120	76
89791	.4844	31/64"	12.304	4-3/4"	3"
89796	.4921		12.500	120	76
89801	.5000	1/2"	12.700	4-3/4"	3"
89806	.5118		13.000	127	83
89811	.5156	33/64"	13.096	5"	3-1/4"
89816	.5312	17/32"	13.492	5"	3-1/4"
89821	.5315		13.500	127	83
89826	.5469	35/64"	13.891	5"	3-1/4"
89831	.5512		14.000	127	83
89836	.5625	9/16"	14.287	5"	3-1/4"
89841	.5709		14.500	127	83
89846	.5781	37/64"	14.683	5-1/4"	3-1/2"
89851	.5906		15.000	133	89
89856	.5938	19/32"	15.082	5-1/4"	3-1/2"
89861	.6094	39/64"	15.478	5-1/4"	3-1/2"
89866	.6102		15.500	133	89
89871	.6250	5/8"	15.875	5-1/4"	3-1/2"
89876	.6299		16.000	133	89



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 柄部公差: -0.0025 / -0.0100mm (-.0001" -.0004")

EDP#	d ⁺ Diameter		Leng...	l ₂ Flute Length
	Decimal	Metric		
78276	.1094	7/64"	2.779	1-13/16"
78281	.1100	#35	2.794	1-7/8"
78286	.1110	#34	2.819	1-7/8"
78291	.1130	#33	2.870	1-7/8"
78296	.1160	#32	2.946	1-7/8"
78301	.1181		3.000	48
78306	.1200	#31	3.048	1-7/8"
78311	.1250	1/8"	3.175	1-7/8"
78316	.1285	#30	3.264	1-15/16"
78321	.1360	#29	3.454	1-15/16"
78326	.1378		3.500	49
78331	.1405	#28	3.569	1-15/16"
78336	.1406	9/64"	3.571	1-15/16"
78341	.1440	#27	3.658	2-1/16"
78346	.1470	#26	3.734	2-1/16"
78351	.1495	#25	3.797	2-1/16"
78356	.1520	#24	3.861	2-1/16"
78361	.1540	#23	3.912	2-1/16"
78366	.1562	5/32"	3.967	2-1/16"
78371	.1570	#22	3.988	2-1/8"
78376	.1575		4.000	54
78381	.1590	#21	4.039	2-1/8"
78386	.1610	#20	4.089	2-1/8"
78391	.1660	#19	4.216	2-1/8"
78396	.1695	#18	4.305	2-1/8"
78401	.1719	11/64"	4.366	2-1/8"
78406	.1730	#17	4.394	2-3/16"
78411	.1770	#16	4.496	2-3/16"
78416	.1772		4.500	56
78421	.1800	#15	4.572	2-3/16"
78426	.1820	#14	4.623	2-3/16"
78431	.1850	#13	4.700	2-3/16"
78436	.1875	3/16"	4.763	2-3/16"
78441	.1890	#12	4.801	2-1/4"
78446	.1910	#11	4.851	2-1/4"
78451	.1935	#10	4.915	2-1/4"
78456	.1960	#9	4.978	2-1/4"
78461	.1969		5.000	57
78466	.1990	#8	5.055	2-1/4"
78471	.2010	#7	5.105	2-1/4"
78476	.2031	13/64"	5.159	2-1/4"
78481	.2040	#6	5.182	2-3/8"
78486	.2055	#5	5.220	2-3/8"
78491	.2090	#4	5.309	2-3/8"
78496	.2130	#3	5.410	2-3/8"
78501	.2165		5.500	60

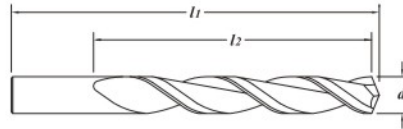
EDP#	d ⁺ Diameter		Overall Length	l ₂ Flute Length
	Decimal	Metric		
78506	.2188	7/32"	5.558	2-3/8"
78511	.2210	#2	5.613	2-7/16"
78516	.2280	#1	5.791	2-7/16"
78521	.2340	A	5.944	2-7/16"
78526	.2344	15/64"	5.954	2-7/16"
78531	.2362		6.000	64
78536	.2380	B	6.045	2-1/2"
78541	.2420	C	6.147	2-1/2"
78546	.2460	D	6.248	2-1/2"
78551	.2500	1/4" / E	6.350	2-1/2"
78556	.2559		6.500	67
78561	.2570	F	6.528	2-5/8"
78566	.2610	G	6.629	2-5/8"
78571	.2656	17/64"	6.746	2-5/8"
78576	.2660	H	6.756	2-11/16"
78581	.2720	I	6.909	2-11/16"
78586	.2756		7.000	68
78591	.2770	J	7.036	2-11/16"
78596	.2810	K	7.137	2-11/16"
78601	.2812	9/32"	7.142	2-11/16"
78606	.2900	L	7.366	2-3/4"
78611	.2950	M	7.493	2-3/4"
78616	.2953		7.500	70
78621	.2969	19/64"	7.541	2-3/4"
78626	.3020	N	7.671	2-15/16"
78631	.3125	5/16"	7.938	2-15/16"
78636	.3150		8.000	75
78641	.3160	O	8.026	2-15/16"
78646	.3230	P	8.204	2-15/16"
78651	.3281	21/64"	8.334	2-15/16"
78656	.3320	Q	8.433	3"
78661	.3346		8.500	76
78666	.3390	R	8.611	3"
78671	.3438	11/32"	8.733	3"
78676	.3480	S	8.839	3-1/16"
78681	.3543		9.000	78
78686	.3580	T	9.093	3-1/16"
78691	.3594	23/64"	9.129	3-1/16"
78696	.3680	U	9.347	3-1/8"
78701	.3740		9.500	79
78706	.3750	3/8"	9.525	3-1/8"
78711	.3770	V	9.576	3-1/4"
78716	.3860	W	9.804	3-1/4"
78721	.3906	25/64"	9.921	3-1/4"
78726	.3937		10.000	84
78731	.3970	X	10.084	3-5/16"
78736	.4040	Y	10.262	3-5/16"
78741	.4062	13/32"	10.317	3-5/16"
78746	.4130	Z	10.490	3-3/8"
78751	.4134		10.500	86
78756	.4219	27/64"	10.716	3-3/8"
78761	.4331		11.000	87
78766	.4375	7/16"	11.113	3-7/16"
78771	.4528		11.500	91
78776	.4531	29/64"	11.509	3-9/16"
78781	.4688	15/32"	11.908	3-5/8"
78786	.4724		12.000	94
78791	.4844	31/64"	12.304	3-11/16"
78796	.4921		12.500	95
78801	.5000	1/2"	12.700	3-3/4"



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EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
90276	.1094	7/64"	2.779	2-1/4"	1-1/4"
90281	.1100	#35	2.794	2-1/4"	1-1/4"
90286	.1110	#34	2.819	2-1/4"	1-1/4"
90291	.1130	#33	2.870	2-1/4"	1-1/4"
90296	.1160	#32	2.946	2-1/4"	1-1/4"
90301	.1181		3.000	57	32
90306	.1200	#31	3.048	2-1/4"	1-1/4"
90311	.1250	1/8"	3.175	2-1/4"	1-1/4"
90316	.1285	#30	3.264	2-1/4"	1-1/4"
90321	.1360	#29	3.454	2-1/2"	1-3/8"
90326	.1378		3.500	63	35
90331	.1405	#28	3.569	2-1/2"	1-3/8"
90336	.1406	9/64"	3.571	2-1/2"	1-3/8"
90341	.1440	#27	3.658	2-1/2"	1-3/8"
90346	.1470	#26	3.734	2-1/2"	1-3/8"
90351	.1495	#25	3.797	2-1/2"	1-3/8"
90356	.1520	#24	3.861	2-1/2"	1-3/8"
90361	.1540	#23	3.912	2-1/2"	1-3/8"
90366	.1562	5/32"	3.967	2-1/2"	1-3/8"
90371	.1570	#22	3.988	2-1/2"	1-3/8"
90376	.1575		4.000	63	35
90381	.1590	#21	4.039	2-1/2"	1-3/8"
90386	.1610	#20	4.089	2-1/2"	1-3/8"
90391	.1660	#19	4.216	2-3/4"	1-5/8"
90396	.1695	#18	4.305	2-3/4"	1-5/8"
90401	.1719	11/64"	4.366	2-3/4"	1-5/8"
90406	.1730	#17	4.394	2-3/4"	1-5/8"
90411	.1770	#16	4.496	2-3/4"	1-5/8"
90416	.1772		4.500	70	41
90421	.1800	#15	4.572	2-3/4"	1-5/8"
90426	.1820	#14	4.623	2-3/4"	1-5/8"
90431	.1850	#13	4.700	2-3/4"	1-5/8"
90436	.1875	3/16"	4.763	2-3/4"	1-5/8"
90441	.1890	#12	4.801	2-3/4"	1-5/8"
90446	.1910	#11	4.851	2-3/4"	1-5/8"
90451	.1935	#10	4.915	2-3/4"	1-5/8"
90456	.1960	#9	4.978	3"	1-3/4"
90461	.1969		5.000	76	44
90466	.1990	#8	5.055	3"	1-3/4"
90471	.2010	#7	5.105	3"	1-3/4"
90476	.2031	13/64"	5.159	3"	1-3/4"
90481	.2040	#6	5.182	3"	1-3/4"
90486	.2055	#5	5.220	3"	1-3/4"
90491	.2090	#4	5.309	3"	1-3/4"
90496	.2130	#3	5.410	3"	1-3/4"
90501	.2165		5.500	76	44

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
90506	.2188	7/32"	5.558	3"	1-3/4"
90511	.2210	#2	5.613	3"	1-3/4"
90516	.2280	#1	5.791	3"	1-3/4"
90521	.2340	A	5.944	3-1/4"	2"
90526	.2344	15/64"	5.954	3-1/4"	2"
90531	.2362		6.000	82	50
90536	.2380	B	6.045	3-1/4"	2"
90541	.2420	C	6.147	3-1/4"	2"
90546	.2460	D	6.248	3-1/4"	2"
90551	.2500	1/4" / E	6.350	3-1/4"	2"
90556	.2559		6.500	82	50
90561	.2570	F	6.528	3-1/4"	2"
90566	.2610	G	6.629	3-1/2"	2-1/8"
90571	.2656	17/64"	6.746	3-1/2"	2-1/8"
90576	.2660	H	6.756	3-1/2"	2-1/8"
90581	.2720	I	6.909	3-1/2"	2-1/8"
90586	.2756		7.000	88	54
90591	.2770	J	7.036	3-1/2"	2-1/8"
90596	.2810	K	7.137	3-1/2"	2-1/8"
90601	.2812	9/32"	7.142	3-1/2"	2-1/8"
90606	.2900	L	7.366	3-1/2"	2-1/8"
90611	.2950	M	7.493	3-3/4"	2-3/8"
90616	.2953		7.500	95	60
90621	.2969	19/64"	7.541	3-3/4"	2-3/8"
90626	.3020	N	7.671	3-3/4"	2-3/8"
90631	.3125	5/16"	7.938	3-3/4"	2-3/8"
90636	.3150		8.000	95	60
90641	.3160	O	8.026	3-3/4"	2-3/8"
90646	.3230	P	8.204	3-3/4"	2-3/8"
90651	.3281	21/64"	8.334	4"	2-1/2"
90656	.3320	Q	8.433	4"	2-1/2"
90661	.3346		8.500	101	63
90666	.3390	R	8.611	4"	2-1/2"
90671	.3438	11/32"	8.733	4"	2-1/2"
90676	.3480	S	8.839	4"	2-1/2"
90681	.3543		9.000	101	63
90686	.3580	T	9.093	4-1/4"	2-3/4"
90691	.3594	23/64"	9.129	4-1/4"	2-3/4"
90696	.3680	U	9.347	4-1/4"	2-3/4"
90701	.3740		9.500	107	70
90706	.3750	3/8"	9.525	4-1/4"	2-3/4"
90711	.3770	V	9.576	4-1/4"	2-3/4"
90716	.3860	W	9.804	4-1/2"	2-7/8"
90721	.3906	25/64"	9.921	4-1/2"	2-7/8"
90726	.3937		10.000	114	73
90731	.3970	X	10.084	4-1/2"	2-7/8"
90736	.4040	Y	10.262	4-1/2"	2-7/8"
90741	.4062	13/32"	10.317	4-1/2"	2-7/8"
90746	.4130	Z	10.490	4-1/2"	2-7/8"
90751	.4134		10.500	114	73
90756	.4219	27/64"	10.716	4-1/2"	2-7/8"
90761	.4331		11.000	114	73
90766	.4375	7/16"	11.113	4-1/2"	2-7/8"
90771	.4528		11.500	120	76
90776	.4531	29/64"	11.509	4-3/4"	3"
90781	.4688	15/32"	11.908	4-3/4"	3"
90786	.4724		12.000	120	76
90791	.4844	31/64"	12.304	4-3/4"	3"
90796	.4921		12.500	120	76
90801	.5000	1/2"	12.700	4-3/4"	3"

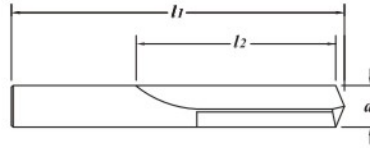


整体硬质合金钻头
 开放式宽容屑槽和大螺旋角能快速清除切屑
 4-小平面刀尖

推荐加工在软质有色金属（铝、黄铜和青铜）内钻深孔
 不建议在车床，或工具必须纺纱
 柄部公差: -0.0025 / -0.0100mm (-.0001" - .0004")

EDP#	d ⁺ Diameter		Overall Length	l ₂ Flute Length	
	Decimal	Metric			
22436	.1875	3/16"	4.763	3-13/16"	2-5/16"
22441	.1890	#12	4.801	3-13/16"	2-5/16"
22446	.1910	#11	4.851	3-13/16"	2-5/16"
22451	.1935	#10	4.915	3-15/16"	2-7/16"
22456	.1960	#9	4.978	3-15/16"	2-7/16"
22461	.1969		5.000	100	62
22466	.1990	#8	5.055	3-15/16"	2-7/16"
22471	.2010	#7	5.105	3-15/16"	2-7/16"
22476	.2031	13/64"	5.159	3-15/16"	2-7/16"
22481	.2040	#6	5.182	3-15/16"	2-7/16"
22486	.2055	#5	5.220	4"	2-1/2"
22491	.2090	#4	5.309	4"	2-1/2"
22496	.2130	#3	5.410	4"	2-1/2"
22501	.2165		5.499	102	64
22506	.2188	7/32"	5.558	4"	2-1/2"
22511	.2210	#2	5.613	4"	2-1/2"
22516	.2280	#1	5.791	4-1/8"	2-5/8"
22521	.2340	A	5.944	4-1/8"	2-5/8"
22526	.2344	15/64"	5.954	4-1/8"	2-5/8"
22531	.2362		6.000	105	67
22536	.2380	B	6.045	4-1/8"	2-5/8"
22541	.2420	C	6.147	4-1/4"	2-3/4"
22546	.2460	D	6.248	4-1/4"	2-3/4"
22551	.2500	1/4" / E	6.350	4-1/4"	2-3/4"
22556	.2559		6.500	108	70
22561	.2570	F	6.528	4-3/8"	2-7/8"
22566	.2610	G	6.629	4-3/8"	2-7/8"
22571	.2656	17/64"	6.746	4-3/8"	2-7/8"
22576	.2660	H	6.756	4-3/8"	2-7/8"
22581	.2720	I	6.909	4-3/8"	2-7/8"
22586	.2756		7.000	111	73
22591	.2770	J	7.036	4-3/8"	2-7/8"
22596	.2810	K	7.137	4-7/16"	2-15/16"
22601	.2812	9/32"	7.142	4-7/16"	2-15/16"
22606	.2900	L	7.366	4-7/16"	2-15/16"
22611	.2950	M	7.493	4-7/16"	2-15/16"
22616	.2953		7.500	116	78
22621	.2969	19/64"	7.541	4-9/16"	3-1/16"
22626	.3020	N	7.671	4-9/16"	3-1/16"
22631	.3125	5/16"	7.938	4-11/16"	3-3/16"
22636	.3150		8.000	119	81
22641	.3160	O	8.026	4-11/16"	3-3/16"
22646	.3230	P	8.204	4-11/16"	3-3/16"

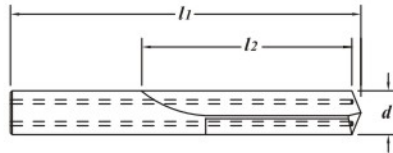
EDP#	d ⁺ Diameter		Overall Length	l ₂ Flute Length	
	Decimal	Metric			
22651	.3281	21/64"	8.334	4-11/16"	3-3/16"
22656	.3320	Q	8.433	4-15/16"	3-7/16"
22661	.3346		8.500	125	87
22666	.3390	R	8.611	4-15/16"	3-7/16"
22671	.3438	11/32"	8.733	4-15/16"	3-7/16"
22676	.3480	S	8.839	5"	3-1/2"
22681	.3543		9.000	127	89
22686	.3580	T	9.093	5"	3-1/2"
22691	.3594	23/64"	9.129	5"	3-1/2"
22696	.3680	U	9.347	5"	3-1/2"
22701	.3740		9.500	130	92
22706	.3750	3/8"	9.525	5-1/8"	3-5/8"
22711	.3770	V	9.576	5-1/8"	3-5/8"
22716	.3860	W	9.804	5-1/8"	3-5/8"
22721	.3906	25/64"	9.921	5-1/4"	3-3/4"
22726	.3937		10.000	133	95
22731	.3970	X	10.084	5-1/4"	3-3/4"
22736	.4040	Y	10.262	5-3/8"	3-7/8"
22741	.4062	13/32"	10.317	5-3/8"	3-7/8"
22746	.4130	Z	10.490	5-3/8"	3-7/8"
22751	.4134		10.500	137	98
22756	.4219	27/64"	10.716	5-7/16"	3-15/16"
22761	.4331		11.000	138	100
22766	.4375	7/16"	11.113	5-7/16"	3-15/16"
22771	.4528		11.500	141	103
22776	.4531	29/64"	11.509	5-9/16"	4-5/16"
22781	.4688	15/32"	11.908	5-9/16"	4-5/16"
22786	.4724		12.000	141	110
22791	.4844	31/64"	12.304	5-9/16"	4-5/16"
22796	.4921		12.500	152	114
22801	.5000	1/2"	12.700	6"	4-1/2"
22806	.5118		13.000	152	114
22811	.5156	33/64"	13.096	6"	4-1/2"
22816	.5312	17/32"	13.492	6-1/8"	4-5/8"
22821	.5315		13.500	156	117
22826	.5469	35/64"	13.891	6-1/8"	4-5/8"
22831	.5512		14.000	156	117
22836	.5625	9/16"	14.287	6-1/4"	4-3/4"
22841	.5709		14.500	159	121
22846	.5781	37/64"	14.684	6-1/4"	4-3/4"
22851	.5906		15.000	162	124
22856	.5938	19/32"	15.082	6-3/8"	4-7/8"
22861	.6094	39/64"	15.478	6-7/16"	4-15/16"
22866	.6102		15.500	164	125
22871	.6250	5/8"	15.875	6-9/16"	5-1/16"
22876	.6299		16.000	167	129



整体硬质合金钻头
 高强度芯部形状结合双刃结构便于断屑和清除切屑
 G型排屑槽
 4-小平面刀尖
 推荐加工在飞机合金、铸铝和硅含量高的材质内作快速钻孔
 不建议在车床，或工具必须纺纱
 柄部公差: -0.0025 / -0.0100mm (-0.001" -0.004")

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
57460	.1250	1/8"	3.175	3-1/4"
57470	.1575		4.000	86
57480	.1875	3/16"	4.762	3-5/8"
57490	.1969		5.000	95
57500	.2362		6.000	101
57510	.2500	1/4"	6.350	4"
57520	.3125	5/16"	7.937	4-3/8"
57530	.3150		8.000	111
57540	.3750	3/8"	9.525	4-3/4"

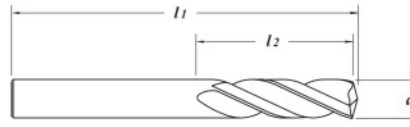
EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
57550	.3937		10.000	124
57560	.4375	7/16"	11.113	5-1/8"
57570	.4724		12.000	136
57580	.5000	1/2"	12.700	5-1/2"
57590	.5512		14.000	150
57600	.5625	9/16"	14.287	6"
57610	.5906		15.000	157
57620	.6250	5/8"	15.875	6-3/8"
57630	.6299		16.000	164



整体硬质合金钻头
 中心内冷适合加快进给速度、便于清除切屑
 高强度芯部形状结合双刃结构便于断屑和清除切屑
 G型排屑槽
 4-小平面刀尖
 推荐加工在飞机合金、铸铝和硅含量高的材质内作快速钻孔
 不建议在车床，或工具必须纺纱
 柄部公差: -0.0025 / -0.0100mm (-0.001" -0.004")

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
57710	.2362	6.000	110	59
57720	.2500	1/4"	6.350	4-1/2"
57730	.3125	5/16"	7.937	5"
57740	.3150		8.000	129
57750	.3750	3/8"	9.525	5-1/2"
57760	.3937		10.000	144
57770	.4375	7/16"	11.113	6"

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length
	Decimal	Metric		
57780	.4724		12.000	160
57790	.5000	1/2"	12.700	6-1/2"
57800	.5512		14.000	179
57810	.5625	9/16"	14.287	7-1/8"
57820	.5906		15.000	187
57830	.6250	5/8"	15.875	7-5/8"
57840	.6299		16.000	195



高效整体硬质合金钻头

适合钻削铝合金和其它软性材质

不需要定位钻

独一无二的刀尖几何形状和涂层适合更高转速和更大进给量

刀具使用寿命比氮化钻 (ZrN) 涂层钻头长达5倍

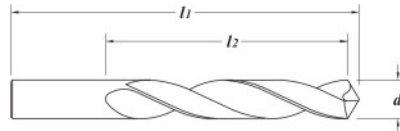
140° 高效钻尖

不建议在车床, 或工具必须纺纱

柄部公差: $-0.0025 / -0.0100\text{mm} (-.0001" - .0004")$

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length	
	Decimal	Metric			
70166	.1575	4.000	65	24	
70191	.1772	4.500	65	25	
70211	.1875	3/16"	4.763	2-3/4"	1-1/4"
70216	.1890	#12	4.801	2-3/4"	1-1/4"
70221	.1910	#11	4.851	2-3/4"	1-1/4"
70226	.1935	#10	4.914	2-3/4"	1-1/4"
70231	.1969	5.000	75	32	
70236	.1990	#8	5.055	3"	1-5/16"
70241	.2010	#7	5.105	3"	1-5/16"
70246	.2031	13/64"	5.159	3"	1-5/16"
70251	.2040	#6	5.182	3"	1-3/8"
70256	.2055	#5	5.220	3"	1-3/8"
70261	.2090	#4	5.309	3"	1-3/8"
70266	.2130	#3	5.410	3"	1-3/8"
70271	.2165	5.500	75	35	
70276	.2188	7/32"	5.558	3"	1-3/8"
70281	.2210	#2	5.613	3"	1-3/8"
70286	.2280	#1	5.791	3"	1-3/8"
70296	.2344	15/64"	5.954	3-1/4"	1-1/2"
70301	.2362	6.000	82	38	
70306	.2380	B	6.045	3-1/4"	1-5/8"
70311	.2420	C	6.147	3-1/4"	1-5/8"
70316	.2460	D	6.248	3-1/4"	1-5/8"
70321	.2500	1/4" / E	6.350	3-1/4"	1-5/8"
70326	.2559	6.500	82	41	
70331	.2570	F	6.528	3-1/4"	1-11/16"
70336	.2610	G	6.629	3-1/2"	1-11/16"
70341	.2656	17/64"	6.746	3-1/2"	1-11/16"
70346	.2660	H	6.756	3-1/2"	1-11/16"
70351	.2720	I	6.909	3-1/2"	1-11/16"
70356	.2756	7.000	88	43	
70361	.2770	J	7.036	3-1/2"	1-11/16"
70371	.2812	9/32"	7.142	3-1/2"	1-3/4"
70376	.2900	L	7.366	3-1/2"	1-3/4"
70381	.2953	7.500	95	44	
70386	.2969	19/64"	7.541	3-3/4"	1-7/8"
70391	.3020	N	7.671	3-3/4"	1-7/8"
70396	.3125	5/16"	7.938	3-3/4"	1-7/8"
70401	.3150	8.000	95	48	

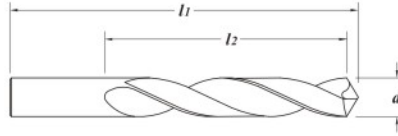
EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length	
	Decimal	Metric			
70406	.3160	O	8.026	3-3/4"	1-7/8"
70411	.3230	P	8.204	3-3/4"	2-3/32"
70416	.3281	21/64"	8.334	4"	2-3/32"
70421	.3320	Q	8.433	4"	2-3/32"
70426	.3346	8.500	100	53	
70431	.3390	R	8.611	4"	2-3/32"
70436	.3438	11/32"	8.733	4"	2-3/16"
70441	.3480	S	8.839	4"	2-3/16"
70446	.3543	9.000	100	55	
70451	.3580	T	9.093	4-1/4"	2-9/32"
70456	.3594	23/64"	9.129	4-1/4"	2-9/32"
70461	.3680	U	9.347	4-1/4"	2-9/32"
70466	.3740	9.500	108	58	
70471	.3750	3/8"	9.525	4-1/4"	2-3/8"
70476	.3770	V	9.576	4-1/4"	2-3/8"
70481	.3860	W	9.804	4-1/2"	2-3/8"
70486	.3906	25/64"	9.921	4-1/2"	2-3/8"
70491	.3937	10.000	114	60	
70496	.3970	X	10.084	4-1/2"	2-1/2"
70501	.4040	Y	10.262	4-1/2"	2-9/16"
70506	.4062	13/32"	10.317	4-1/2"	2-9/16"
70511	.4134	10.500	114	67	
70516	.4219	27/64"	10.716	4-1/2"	2-11/16"
70521	.4331	11.000	114	68	
70526	.4375	7/16"	11.113	4-3/4"	2-13/16"
70531	.4528	11.500	120	70	
70536	.4531	29/64"	11.509	4-3/4"	2-7/8"
70541	.4688	15/32"	11.909	4-3/4"	2-7/8"
70546	.4724	12.000	120	73	
70551	.4844	31/64"	12.304	5-5/16"	3"
70556	.4921	12.500	135	75	
70561	.5000	1/2"	12.700	5-3/8"	3-1/16"
70566	.5118	13.000	136	78	
70571	.5156	33/64"	13.096	5-3/8"	3-1/8"
70576	.5312	17/32"	13.492	5-11/16"	3-5/16"
70581	.5469	35/64"	13.891	5-13/16"	3-3/8"
70586	.5512	14.000	148	86	
70591	.5625	9/16"	14.287	5-15/16"	3-1/2"
70596	.5781	37/64"	14.683	6"	3-1/2"
70601	.5906	15.000	152	90	
70606	.5938	19/32"	15.082	6"	3-9/16"
70611	.6094	39/64"	15.478	6-3/16"	3-11/16"
70616	.6250	5/8"	15.875	6-5/16"	3-3/4"
70621	.6299	16.000	160	95	



高效率—高进给 高效整体硬质合金钻头
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 跟普通的硬质合金钻头相比可提高速度高达50%
 30° 螺旋角更便于排屑
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 高碳钢 高温合金、钴基合金、不锈钢和工具钢
 不建议在车床，或工具必须纺纱
 柄部公差: -0.0025 / -0.0100mm (-0.0001” -0.0004”)

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
20301	.1181	3.000	46	16
20306	.1200	#31	1-13/16"	5/8"
20311	.1250	1/8"	1-15/16"	11/16"
20316	.1285	#30	1-15/16"	11/16"
20321	.1360	#29	2-1/16"	3/4"
20326	.1378		52	19
20331	.1405	#28	2-1/16"	3/4"
20336	.1406	9/64"	2-1/16"	3/4"
20341	.1440	#27	2-1/16"	3/4"
20346	.1470	#26	2-3/16"	13/16"
20351	.1495	#25	2-3/16"	13/16"
20356	.1520	#24	2-3/16"	13/16"
20361	.1540	#23	2-3/16"	13/16"
20366	.1562	5/32"	2-3/16"	13/16"
20371	.1570	#22	2-3/16"	13/16"
20376	.1575		56	21
20381	.1590	#21	2-3/16"	13/16"
20386	.1610	#20	2-3/16"	13/16"
20391	.1660	#19	2-9/32"	15/16"
20396	.1695	#18	2-9/32"	15/16"
20401	.1719	11/64"	2-9/32"	15/16"
20406	.1730	#17	2-9/32"	15/16"
20411	.1770	#16	2-9/32"	15/16"
20416	.1772		58	24
20421	.1800	#15	2-9/32"	15/16"
20426	.1820	#14	2-9/32"	15/16"
20431	.1850	#13	2-9/32"	15/16"
20436	.1875	3/16"	2-13/32"	1"
20441	.1890	#12	2-13/32"	1"
20446	.1910	#11	2-13/32"	1"
20451	.1935	#10	2-13/32"	1"
20456	.1960	#9	2-13/32"	1"
20461	.1969		61	25
20466	.1990	#8	2-13/32"	1"
20471	.2010	#7	2-13/32"	1"
20476	.2031	13/64"	2-13/32"	1"
20481	.2040	#6	2-13/32"	1"
20486	.2055	#5	2-13/32"	1"
20491	.2090	#4	2-13/32"	1"
20496	.2130	#3	2-5/8"	1-3/32"
20501	.2165		67	28
20506	.2188	7/32"	2-5/8"	1-3/32"
20511	.2210	#2	2-5/8"	1-3/32"
20516	.2280	#1	2-5/8"	1-3/32"
20521	.2340	A	2-5/8"	1-3/32"
20526	.2344	15/64"	2-5/8"	1-3/32"
20531	.2362		67	28
20536	.2380	B	2-3/4"	1-7/32"
20541	.2420	C	2-3/4"	1-7/32"
20546	.2460	D	2-3/4"	1-7/32"
20551	.2500	1/4" / E	2-3/4"	1-7/32"
20556	.2559		70	31
20561	.2570	F	2-3/4"	1-7/32"
20566	.2610	G	2-3/4"	1-7/32"
20571	.2656	17/64"	2-15/16"	1-11/32"
20576	.2660	H	2-15/16"	1-11/32"
20581	.2720	I	2-15/16"	1-11/32"
20586	.2756		75	34
20591	.2770	J	2-15/16"	1-11/32"

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
20596	.2810	K	2-15/16"	1-11/32"
20601	.2812	9/32"	2-15/16"	1-11/32"
20606	.2900	L	2-15/16"	1-11/32"
20611	.2950	M	2-15/16"	1-11/32"
20616	.2953		75	34
20621	.2969	19/64"	3-3/32"	1-15/32"
20626	.3020	N	3-3/32"	1-15/32"
20631	.3125	5/16"	3-3/32"	1-15/32"
20636	.3150		8.000	79
20641	.3160	O	3-3/32"	1-15/32"
20646	.3230	P	3-3/32"	1-15/32"
20651	.3281	21/64"	3-3/32"	1-15/32"
20656	.3320	Q	3-3/32"	1-15/32"
20661	.3346		8.500	79
20666	.3390	R	3-5/16"	1-9/16"
20671	.3438	11/32"	3-5/16"	1-9/16"
20676	.3480	S	3-5/16"	1-9/16"
20681	.3543		9.000	84
20686	.3580	T	3-5/16"	1-9/16"
20691	.3594	23/64"	3-5/16"	1-9/16"
20696	.3680	U	3-5/16"	1-9/16"
20701	.3740		9.500	84
20706	.3750	3/8"	3-1/2"	1-11/16"
20711	.3770	V	3-1/2"	1-11/16"
20716	.3860	W	3-1/2"	1-11/16"
20721	.3906	25/64"	3-1/2"	1-11/16"
20726	.3937		10.000	89
20731	.3970	X	3-1/2"	1-11/16"
20736	.4040	Y	3-1/2"	1-11/16"
20741	.4062	13/32"	3-1/2"	1-11/16"
20746	.4130	Z	3-1/2"	1-11/16"
20751	.4134		10.500	89
20756	.4219	27/64"	3-3/4"	1-13/16"
20761	.4331		11.000	95
20766	.4375	7/16"	11.113	3-3/4"
20771	.4528		11.500	95
20776	.4531	29/64"	11.509	3-3/4"
20781	.4688	15/32"	11.908	4"
20786	.4724		12.000	102
20791	.4844	31/64"	12.304	4"
20796	.4921		12.500	102
20801	.5000	1/2"	12.700	4"
20806	.5118		13.000	107
20811	.5156	33/64"	13.096	4-7/32"
20816	.5312	17/32"	13.492	4-7/32"
20821	.5315		13.500	110
20826	.5469	35/64"	13.891	4-5/16"
20831	.5512		14.000	110
20836	.5625	9/16"	14.288	4-9/16"
20841	.5709		14.500	116
20846	.5781	37/64"	14.684	4-15/16"
20851	.5906		15.000	125
20856	.5938	19/32"	15.083	4-15/16"
20861	.6094	39/64"	15.479	5-1/16"
20866	.6102		15.500	129
20871	.6250	5/8"	15.875	5-1/4"
20876	.6299		16.000	133

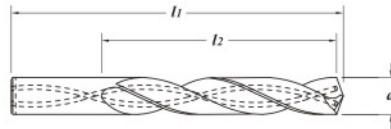


高效率—高进给 高效整体硬质合金钻头
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 柄部公差: -0.0025 / -0.0100mm (-0.001" -0.004")

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
21301	.1181	3.000	50	19
21306	.1200	#31 3.048	2"	3/4"
21311	.1250	1/8" 3.175	2"	3/4"
21316	.1285	#30 3.264	2-1/4"	3/4"
21321	.1360	#29 3.454	2-1/4"	7/8"
21326	.1378	3.500	57	22
21331	.1405	#28 3.569	2-1/4"	7/8"
21336	.1406	9/64" 3.571	2-1/4"	7/8"
21341	.1440	#27 3.658	2-1/4"	7/8"
21346	.1470	#26 3.734	2-1/4"	7/8"
21351	.1495	#25 3.797	2-1/4"	15/16"
21356	.1520	#24 3.861	2-1/4"	15/16"
21361	.1540	#23 3.912	2-1/4"	15/16"
21366	.1562	5/32" 3.967	2-1/2"	15/16"
21371	.1570	#22 3.988	2-1/2"	15/16"
21376	.1575	4.000	65	24
21381	.1590	#21 4.039	2-1/2"	15/16"
21386	.1610	#20 4.089	2-1/2"	15/16"
21391	.1660	#19 4.216	2-1/2"	1"
21396	.1695	#18 4.305	2-1/2"	1"
21401	.1719	11/64" 4.366	2-1/2"	1"
21406	.1730	#17 4.394	2-1/2"	1"
21411	.1770	#16 4.496	2-1/2"	1"
21416	.1772	4.500	65	25
21421	.1800	#15 4.572	2-3/4"	1"
21426	.1820	#14 4.623	2-3/4"	1"
21431	.1850	#13 4.700	2-3/4"	1-1/4"
21436	.1875	3/16" 4.763	2-3/4"	1-1/4"
21441	.1890	#12 4.801	2-3/4"	1-1/4"
21446	.1910	#11 4.851	2-3/4"	1-1/4"
21451	.1935	#10 4.915	2-3/4"	1-1/4"
21456	.1960	#9 4.978	3"	1-5/16"
21461	.1969	5.000	75	33
21466	.1990	#8 5.055	3"	1-5/16"
21471	.2010	#7 5.105	3"	1-5/16"
21476	.2031	13/64" 5.159	3"	1-5/16"
21481	.2040	#6 5.182	3"	1-3/8"
21486	.2055	#5 5.220	3"	1-3/8"
21491	.2090	#4 5.309	3"	1-3/8"
21496	.2130	#3 5.410	3"	1-3/8"
21501	.2165	5.500	75	35
21506	.2188	7/32" 5.558	3"	1-3/8"
21511	.2210	#2 5.613	3"	1-3/8"
21516	.2280	#1 5.791	3"	1-3/8"
21521	.2340	A 5.944	3-1/4"	1-1/2"
21526	.2344	15/64" 5.954	3-1/4"	1-1/2"
21531	.2362	6.000	80	38
21536	.2380	B 6.045	3-1/4"	1-5/8"
21541	.2420	C 6.147	3-1/4"	1-5/8"
21546	.2460	D 6.248	3-1/4"	1-5/8"
21551	.2500	1/4" / E 6.350	3-1/4"	1-5/8"
21556	.2559	6.500	80	41
21561	.2570	F 6.528	3-1/4"	1-11/16"
21566	.2610	G 6.629	3-1/2"	1-11/16"
21571	.2656	17/64" 6.746	3-1/2"	1-11/16"
21576	.2660	H 6.756	3-1/2"	1-11/16"
21581	.2720	I 6.909	3-1/2"	1-11/16"
21586	.2756	7.000	88	43
21591	.2770	J 7.036	3-1/2"	1-11/16"

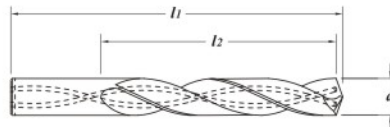
EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
21596	.2810	K 7.137	3-1/2"	1-3/4"
21601	.2812	9/32" 7.142	3-1/2"	1-3/4"
21606	.2900	L 7.366	3-1/2"	1-3/4"
21611	.2950	M 7.493	3-3/4"	1-3/4"
21616	.2953	7.500	95	44
21621	.2969	19/64" 7.541	3-3/4"	1-7/8"
21626	.3020	N 7.671	3-3/4"	1-7/8"
21631	.3125	5/16" 7.938	3-3/4"	1-7/8"
21636	.3150	8.000	95	48
21641	.3160	O 8.026	3-3/4"	1-7/8"
21646	.3230	P 8.204	3-3/4"	2-3/32"
21651	.3281	21/64" 8.334	4"	2-3/32"
21656	.3320	Q 8.433	4"	2-3/32"
21661	.3346	8.500	100	53
21666	.3390	R 8.611	4"	2-3/32"
21671	.3438	11/32" 8.733	4"	2-3/16"
21676	.3480	S 8.839	4"	2-3/16"
21681	.3543	9.000	100	56
21686	.3580	T 9.093	4-1/4"	2-9/32"
21691	.3594	23/64" 9.129	4-1/4"	2-9/32"
21696	.3680	U 9.347	4-1/4"	2-9/32"
21701	.3740	9.500	105	58
21706	.3750	3/8" 9.525	4-1/4"	2-3/8"
21711	.3770	V 9.576	4-1/4"	2-3/8"
21716	.3860	W 9.804	4-1/2"	2-3/8"
21721	.3906	25/64" 9.921	4-1/2"	2-3/8"
21726	.3937	10.000	115	60
21731	.3970	X 10.084	4-1/2"	2-1/2"
21736	.4040	Y 10.262	4-1/2"	2-9/16"
21741	.4062	13/32" 10.317	4-1/2"	2-9/16"
21746	.4130	Z 10.490	4-1/2"	2-5/8"
21751	.4134	10.500	115	67
21756	.4219	27/64" 10.716	4-1/2"	2-11/16"
21761	.4331	11.000	115	68
21766	.4375	7/16" 11.113	4-3/4"	2-13/16"
21771	.4528	11.500	120	71
21776	.4531	29/64" 11.509	4-3/4"	2-7/8"
21781	.4688	15/32" 11.908	4-3/4"	2-7/8"
21786	.4724	12.000	120	73
21791	.4844	31/64" 12.304	5-5/16"	3"
21796	.4921	12.500	135	76
21801	.5000	1/2" 12.700	5-3/8"	3-1/16"
21806	.5118	13.000	135	78
21811	.5156	33/64" 13.096	5-3/8"	3-1/8"
21816	.5312	17/32" 13.492	5-11/16"	3-5/16"
21821	.5315	13.500	145	84
21826	.5469	35/64" 13.891	5-13/16"	3-3/8"
21831	.5512	14.000	145	86
21836	.5625	9/16" 14.288	5-15/16"	3-1/2"
21841	.5709	14.500	150	89
21846	.5781	37/64" 14.684	6"	3-1/2"
21851	.5906	15.000	150	90
21856	.5938	19/32" 15.083	6"	3-9/16"
21861	.6094	39/64" 15.479	6-3/16"	3-11/16"
21866	.6102	15.500	160	94
21871	.6250	5/8" 15.875	6-5/16"	3-3/4"
21876	.6299	16.000	160	95



高效率—高进给 高效整体硬质合金钻头
 通过加快切削速度延长刀具使用寿命、提高表面光洁度
 跟普通的硬质合金钻头相比可提高速度高达70%
 30°螺旋角更便于排屑
 切削刃口经过研磨
 高探耐高温合金、钴基合金、不锈钢和工具钢
 巴尔查斯的 HELICA 涂层是基于 AlC 的多层涂层，专
 为高效钻孔而设计不建议在车床，或工具必须纺纱
 柄部公差: -0.0025 / -0.0100mm (-0.001" -0.004")

EDP#	d [†] Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
22085	.1575	4.000	56	21	
22090	.1590	#21	4.039	2-3/16"	13/16"
22095	.1610	#20	4.089	2-3/16"	13/16"
22100	.1660	#19	4.216	2-9/32"	15/16"
22105	.1695	#18	4.305	2-9/32"	15/16"
22110	.1719	11/64"	4.366	2-9/32"	15/16"
22115	.1730	#17	4.394	2-9/32"	15/16"
22120	.1770	#16	4.496	2-9/32"	15/16"
22125	.1772		4.500	58	24
22130	.1800	#15	4.572	2-9/32"	15/16"
22135	.1820	#14	4.623	2-9/32"	15/16"
22140	.1850	#13	4.699	2-9/32"	15/16"
22145	.1875	3/16"	4.763	2-13/32"	1"
22150	.1890	#12	4.801	2-13/32"	1"
22155	.1910	#11	4.851	2-13/32"	1"
22160	.1935	#10	4.915	2-13/32"	1"
22165	.1960	#9	4.978	2-13/32"	1"
22170	.1969		5.000	61	25
22175	.1990	#8	5.055	2-13/32"	1"
22180	.2010	#7	5.105	2-13/32"	1"
22185	.2031	13/64"	5.159	2-13/32"	1"
22190	.2040	#6	5.182	2-13/32"	1"
22195	.2055	#5	5.220	2-13/32"	1"
22200	.2090	#4	5.309	2-13/32"	1"
22205	.2130	#3	5.410	2-5/8"	1-3/32"
22210	.2165		5.500	67	28
22215	.2188	7/32"	5.558	2-5/8"	1-3/32"
22220	.2210	#2	5.613	2-5/8"	1-3/32"
22225	.2280	#1	5.791	2-5/8"	1-3/32"
22230	.2340	A	5.944	2-5/8"	1-3/32"
22235	.2344	15/64"	5.954	2-5/8"	1-3/32"
22240	.2362		6.000	67	28
22245	.2380	B	6.045	2-3/4"	1-7/32"
22250	.2420	C	6.147	2-3/4"	1-7/32"
22255	.2460	D	6.248	2-3/4"	1-7/32"
22260	.2500	1/4" / E	6.350	2-3/4"	1-7/32"
22265	.2559		6.500	70	31
22270	.2570	F	6.528	2-3/4"	1-7/32"
22275	.2610	G	6.629	2-3/4"	1-7/32"
22280	.2656	17/64"	6.746	2-15/16"	1-11/32"
22285	.2660	H	6.756	2-15/16"	1-11/32"
22290	.2720	I	6.909	2-15/16"	1-11/32"
22295	.2756		7.000	75	34

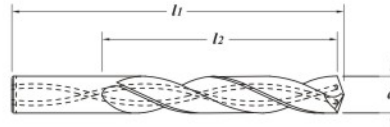
EDP#	d [†] Diameter		l ₁ Overall Length	l ₂ Flute Length	
	Decimal	Metric			
22300	.2770	J	7.036	2-15/16"	1-11/32"
22305	.2810	K	7.137	2-15/16"	1-11/32"
22310	.2812	9/32"	7.142	2-15/16"	1-11/32"
22315	.2900	L	7.366	2-15/16"	1-11/32"
22320	.2950	M	7.493	2-15/16"	1-11/32"
22325	.2953		7.500	75	34
22330	.2969	19/64"	7.541	3-3/32"	1-15/32"
22335	.3020	N	7.671	3-3/32"	1-15/32"
22340	.3125	5/16"	7.938	3-3/32"	1-15/32"
22345	.3150		8.000	79	37
22350	.3160	O	8.026	3-3/32"	1-15/32"
22355	.3230	P	8.204	3-3/32"	1-15/32"
22360	.3281	21/64"	8.334	3-3/32"	1-15/32"
22365	.3320	Q	8.433	3-3/32"	1-15/32"
22370	.3346		8.500	79	37
22375	.3390	R	8.611	3-5/16"	1-9/16"
22380	.3438	11/32"	8.733	3-5/16"	1-9/16"
22385	.3480	S	8.839	3-5/16"	1-9/16"
22390	.3543		9.000	84	40
22395	.3580	T	9.093	3-5/16"	1-9/16"
22400	.3594	23/64"	9.129	3-5/16"	1-9/16"
22405	.3680	U	9.347	3-5/16"	1-9/16"
22410	.3740		9.500	84	40
22415	.3750	3/8"	9.525	3-1/2"	1-11/16"
22420	.3770	V	9.576	3-1/2"	1-11/16"
22425	.3860	W	9.804	3-1/2"	1-11/16"
22430	.3906	25/64"	9.921	3-1/2"	1-11/16"
22435	.3937		10.000	89	43
22440	.3970	X	10.084	3-1/2"	1-11/16"
22445	.4040	Y	10.262	3-1/2"	1-11/16"
22450	.4062	13/32"	10.317	3-1/2"	1-11/16"
22455	.4130	Z	10.490	3-1/2"	1-11/16"
22460	.4134		10.500	89	43
22465	.4219	27/64"	10.716	3-3/4"	1-13/16"
22470	.4331		11.000	95	46
22475	.4375	7/16"	11.113	3-3/4"	1-13/16"
22480	.4528		11.500	95	46
22485	.4531	29/64"	11.509	3-3/4"	1-13/16"
22490	.4688	15/32"	11.908	4"	1-15/16"
22495	.4724		12.000	102	49
22500	.4844	31/64"	12.304	4"	1-15/16"
22505	.4921		12.500	102	49
22510	.5000	1/2"	12.700	4"	1-15/16"
22515	.5118		13.000	107	53
22520	.5156	33/64"	13.096	4-7/32"	2-3/32"
22525	.5312	17/32"	13.492	4-7/32"	2-3/32"
22530	.5315		13.500	110	56
22535	.5469	35/64"	13.891	4-5/16"	2-7/32"
22540	.5512		14.000	110	56
22545	.5625	9/16"	14.288	4-9/16"	2-15/32"
22550	.5709		14.500	116	63
22555	.5781	37/64"	14.684	4-15/16"	2-9/16"
22560	.5906		15.000	125	65
22565	.5938	19/32"	15.083	4-15/16"	2-9/16"
22570	.6094	39/64"	15.479	5-1/16"	2-13/16"
22575	.6102		15.500	129	71
22580	.6250	5/8"	15.875	5-1/4"	3-1/8"
22585	.6299		16.000	133	79



高效率—高进给 高效整体硬质合金钻头
 通过加快切削速度延长刀具使用寿命、提高表面光洁度
 跟普通的硬质合金钻头相比可提高速度高达70%
 30°螺旋角更便于排屑
 切削刃口经过研磨
 高探耐高温合金、钴基合金、不锈钢和工具钢
 巴尔查斯的 HELICA 涂层是基于 AlC 的多层涂层，专
 为高效钻孔而设计不建议在车床，或工具必须纺纱
 柄部公差: -0.0025 / -0.0100mm (-0.001" -0.004")

EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
25441	.1575	4.000	65	24
25446	.1590	#21	4.039	2-1/2"
25451	.1610	#20	4.089	2-1/2"
25456	.1660	#19	4.216	2-1/2"
25461	.1695	#18	4.305	2-1/2"
25466	.1719	11/64"	4.366	2-1/2"
25471	.1730	#17	4.394	2-1/2"
25476	.1770	#16	4.496	2-1/2"
25481	.1772		4.500	65
25486	.1800	#15	4.572	2-3/4"
25491	.1820	#14	4.623	2-3/4"
25496	.1850	#13	4.699	2-3/4"
25501	.1875	3/16"	4.763	2-3/4"
25506	.1890	#12	4.801	2-3/4"
25511	.1910	#11	4.851	2-3/4"
25516	.1935	#10	4.915	2-3/4"
25521	.1960	#9	4.978	3"
25526	.1969		5.000	75
25531	.1990	#8	5.055	3"
25536	.2010	#7	5.105	3"
25541	.2031	13/64"	5.159	3"
25546	.2040	#6	5.182	3"
25551	.2055	#5	5.220	3"
25556	.2090	#4	5.309	3"
25561	.2130	#3	5.410	3"
25566	.2165		5.500	75
25571	.2188	7/32"	5.558	3"
25576	.2210	#2	5.613	3"
25581	.2280	#1	5.791	3"
25586	.2340	A	5.944	3-1/4"
25591	.2344	15/64"	5.954	3-1/4"
25596	.2362		6.000	80
25601	.2380	B	6.045	3-1/4"
25606	.2420	C	6.147	3-1/4"
25611	.2460	D	6.248	3-1/4"
25616	.2500	1/4" / E	6.350	3-1/4"
25621	.2559		6.500	80
25626	.2570	F	6.528	3-1/4"
25631	.2610	G	6.629	3-1/2"
25636	.2656	17/64"	6.746	3-1/2"
25641	.2660	H	6.756	3-1/2"
25646	.2720	I	6.909	3-1/2"
25651	.2756		7.000	88

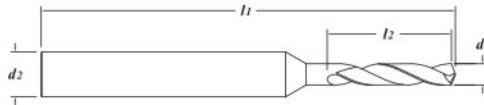
EDP#	d ⁺ Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
25656	.2770	J	7.036	3-1/2"
25661	.2810	K	7.137	3-1/2"
25666	.2812	9/32"	7.142	3-1/2"
25671	.2900	L	7.366	3-1/2"
25676	.2950	M	7.493	3-3/4"
25681	.2953		7.500	95
25686	.2969	19/64"	7.541	3-3/4"
25691	.3020	N	7.671	3-3/4"
25696	.3125	5/16"	7.938	3-3/4"
25701	.3150		8.000	95
25706	.3160	O	8.026	3-3/4"
25711	.3230	P	8.204	3-3/4"
25716	.3281	21/64"	8.334	4"
25721	.3320	Q	8.433	4"
25726	.3346		8.500	100
25731	.3390	R	8.611	4"
25736	.3438	11/32"	8.733	4"
25741	.3480	S	8.839	4"
25746	.3543		9.000	100
25751	.3580	T	9.093	4-1/4"
25756	.3594	23/64"	9.129	4-1/4"
25761	.3680	U	9.347	4-1/4"
25766	.3740		9.500	105
25771	.3750	3/8"	9.525	4-1/4"
25776	.3770	V	9.576	4-1/4"
25781	.3860	W	9.804	4-1/2"
25786	.3906	25/64"	9.921	4-1/2"
25791	.3937		10.000	115
25796	.3970	X	10.084	4-1/2"
25801	.4040	Y	10.262	4-1/2"
25806	.4062	13/32"	10.317	4-1/2"
25811	.4130	Z	10.490	4-1/2"
25816	.4134		10.500	115
25821	.4219	27/64"	10.716	4-1/2"
25826	.4331		11.000	115
25831	.4375	7/16"	11.113	4-3/4"
25836	.4528		11.500	120
25841	.4531	29/64"	11.509	4-3/4"
25846	.4688	15/32"	11.908	4-3/4"
25851	.4724		12.000	120
25856	.4844	31/64"	12.304	5-5/16"
25861	.4921		12.500	135
25866	.5000	1/2"	12.700	5-3/8"
25871	.5118		13.000	135
25876	.5156	33/64"	13.096	5-3/8"
25881	.5312	17/32"	13.492	5-11/16"
25886	.5315		13.500	145
25891	.5469	35/64"	13.891	5-13/16"
25896	.5512		14.000	145
25901	.5625	9/16"	14.288	5-15/16"
25906	.5709		14.500	150
25911	.5781	37/64"	14.684	6"
25916	.5906		15.000	150
25921	.5938	19/32"	15.083	6"
25926	.6094	39/64"	15.479	6-3/16"
25931	.6102		15.500	160
25936	.6250	5/8"	15.875	6-5/16"
25941	.6299		16.000	160



高效率—高进给 高效整体硬质合金钻头
 通过加快切削速度延长刀具使用寿命、提高表面光洁度
 跟普通的硬质合金钻头相比可提高速度高达70%
 30°螺旋角更便于排屑
 切削刃口经过研磨
 高碳钢 高温合金、钴基合金、不锈钢和工具钢
 不建议在车床，或工具必须纺纱
 柄部公差: -0.0025 / -0.0100mm (-.0001"-.0004")

EDP#	d [†] Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
26441	.1575	4.000	75	38
26446	.1590	#21	3"	1-1/2"
26451	.1610	#20	3"	1-1/2"
26456	.1660	#19	3"	1-1/2"
26461	.1695	#18	3-1/2"	1-3/4"
26466	.1719	11/64"	3-1/2"	1-3/4"
26471	.1730	#17	3-1/2"	1-3/4"
26476	.1770	#16	3-1/2"	1-3/4"
26481	.1772		88	45
26486	.1800	#15	3-1/2"	1-3/4"
26491	.1820	#14	3-1/2"	1-3/4"
26496	.1850	#13	3-1/2"	1-3/4"
26501	.1875	3/16"	4"	2"
26506	.1890	#12	4"	2"
26511	.1910	#11	4"	2"
26516	.1935	#10	4"	2"
26521	.1960	#9	4"	2"
26526	.1969		5.000	50
26531	.1990	#8	4"	2"
26536	.2010	#7	4"	2"
26541	.2031	13/64"	4"	2"
26546	.2040	#6	4"	2"
26551	.2055	#5	4"	2"
26556	.2090	#4	4"	2"
26561	.2130	#3	4"	2"
26566	.2165		5.000	50
26571	.2188	7/32"	4"	2"
26576	.2210	#2	4"	2"
26581	.2280	#1	4-1/8"	2-1/8"
26586	.2340	A	4-1/8"	2-1/8"
26591	.2344	15/64"	4-1/8"	2-1/8"
26596	.2362		6.000	55
26601	.2380	B	4-1/8"	2-1/8"
26606	.2420	C	4-1/4"	2-1/4"
26611	.2460	D	4-1/4"	2-1/4"
26616	.2500	1/4" / E	4-1/4"	2-1/4"
26621	.2559		6.500	58
26626	.2570	F	4-3/8"	2-3/8"
26631	.2610	G	4-3/8"	2-3/8"
26636	.2656	17/64"	4-3/8"	2-3/8"
26641	.2660	H	4-3/8"	2-3/8"
26646	.2720	I	4-3/8"	2-3/8"
26651	.2756		7.000	61

EDP#	d [†] Diameter		l ₁ Overall Length	l ₂ Flute Length
	Decimal	Metric		
26656	.2770	J	7.036	4-3/8"
26661	.2810	K	7.137	4-7/16"
26666	.2812	9/32"	7.142	4-7/16"
26671	.2900	L	7.366	4-7/16"
26676	.2950	M	7.493	4-7/16"
26681	.2953		7.500	115
26686	.2969	19/64"	7.541	4-9/16"
26691	.3020	N	7.671	4-9/16"
26696	.3125	5/16"	7.938	4-11/16"
26701	.3150		8.000	120
26706	.3160	O	8.026	4-11/16"
26711	.3230	P	8.204	4-11/16"
26716	.3281	21/64"	8.334	4-11/16"
26721	.3320	Q	8.433	4-15/16"
26726	.3346		8.500	125
26731	.3390	R	8.611	4-15/16"
26736	.3438	11/32"	8.733	4-15/16"
26741	.3480	S	8.839	5"
26746	.3543		9.000	125
26751	.3580	T	9.093	5"
26756	.3594	23/64"	9.129	5"
26761	.3680	U	9.347	5"
26766	.3740		9.500	130
26771	.3750	3/8"	9.525	5-1/8"
26776	.3770	V	9.576	5-1/8"
26781	.3860	W	9.804	5-1/8"
26786	.3906	25/64"	9.921	5-1/4"
26791	.3937		10.000	135
26796	.3970	X	10.084	5-1/4"
26801	.4040	Y	10.262	5-3/8"
26806	.4062	13/32"	10.317	5-3/8"
26811	.4130	Z	10.490	5-3/8"
26816	.4134		10.500	135
26821	.4219	27/64"	10.716	5-7/16"
26826	.4331		11.000	135
26831	.4375	7/16"	11.113	5-7/16"
26836	.4528		11.500	140
26841	.4531	29/64"	11.509	5-9/16"
26846	.4688	15/32"	11.908	5-9/16"
26851	.4724		12.000	140
26856	.4844	31/64"	12.304	5-9/16"
26861	.4921		12.500	150
26866	.5000	1/2"	12.700	6"
26871	.5118		13.000	150
26876	.5156	33/64"	13.096	6"
26881	.5312	17/32"	13.492	6-1/8"
26886	.5315		13.500	155
26891	.5469	35/64"	13.891	6-1/8"
26896	.5512		14.000	155
26901	.5625	9/16"	14.288	6-1/4"
26906	.5709		14.500	160
26911	.5781	37/64"	14.684	6-1/4"
26916	.5906		15.000	160
26921	.5938	19/32"	15.083	6-3/8"
26926	.6094	39/64"	15.479	6-7/16"
26931	.6102		15.500	165
26936	.6250	5/8"	15.875	6-9/16"
26941	.6299		16.000	165

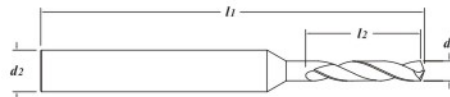


带加强的超细高效硬质合金钻头, 柄径3mm或1/8" 30° 螺旋角更便于排屑

高镍耐高温合金、钴基合金、不锈钢和工具钢
巴尔查斯的 HELICA 涂层是基于 AlCr 的多层涂层, 专为高效钻孔而设计不建议在车床, 或工具必须纺纱

EDP#	d1 [†] Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	
	Decimal	Metric				
00100	.0312"	1/32"	0.792	1/8"	2"	5/32"
00102	.0315"		0.800	3.0	50	4.0
00104	.0319"		0.810	3.0	50	4.0
00106	.0320"	#67	0.812	1/8"	2"	11/64"
00108	.0323"		0.820	3.0	50	4.5
00110	.0327"		0.830	3.0	50	4.5
00112	.0330"	#66	0.838	1/8"	2"	11/64"
00114	.0331"		0.840	3.0	50	4.5
00116	.0335"		0.850	3.0	50	4.5
00118	.0339"		0.860	3.0	50	4.5
00120	.0343"		0.870	3.0	50	4.5
00122	.0346"		0.880	3.0	50	4.5
00124	.0350"	#65	0.890	3.0	50	4.5
00126	.0354"		0.900	3.0	50	4.5
00128	.0358"		0.910	3.0	50	5.0
00130	.0360"	#64	0.914	1/8"	2"	3/16"
00132	.0362"		0.920	3.0	50	5.0
00134	.0366"		0.930	3.0	50	5.0
00136	.0370"	#63	0.940	3.0	50	5.0
00138	.0374"		0.950	3.0	50	5.0
00140	.0378"		0.960	3.0	50	5.0
00142	.0380"	#62	0.965	1/8"	2"	3/16"
00144	.0382"		0.970	3.0	50	5.0
00146	.0386"		0.980	3.0	50	5.0
00148	.0390"	#61	0.990	3.0	50	5.0
00150	.0394"		1.000	3.0	50	5.0
00152	.0400"	#60	1.016	1/8"	2"	13/64"
00154	.0410"	#59	1.041	1/8"	2"	13/64"
00156	.0413"		1.050	3.0	50	5.5
00158	.0420"	#58	1.066	1/8"	2"	7/32"
00160	.0430"	#57	1.092	1/8"	2"	7/32"
00162	.0433"		1.100	3.0	50	5.5
00164	.0453"		1.150	3.0	50	6.0
00166	.0465"	#56	1.181	1/8"	2"	15/64"
00168	.0469"	3/64"	1.191	1/8"	2"	15/64"
00170	.0472"		1.200	3.0	50	6.0
00172	.0492"		1.250	3.0	50	6.5
00174	.0512"		1.300	3.0	50	6.5
00176	.0520"	#55	1.320	1/8"	2"	17/64"
00178	.0531"		1.350	3.0	50	6.5
00180	.0550"	#54	1.397	1/8"	2"	9/32"
00182	.0551"		1.400	3.0	50	7.0
00184	.0571"		1.450	3.0	50	7.0

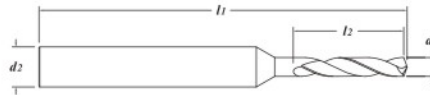
EDP#	d1 [†] Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	
	Decimal	Metric				
00186	.0591"	1.500	3.0	50	7.5	
00188	.0595"	#53	1.511	1/8"	2"	19/64"
00190	.0610"		1.550	3.0	50	7.5
00192	.0625"	1/16"	1.587	1/8"	2"	5/16"
00194	.0630"		1.600	3.0	50	7.5
00196	.0635"	#52	1.613	1/8"	2"	5/16"
00198	.0650"		1.650	3.0	50	8.5
00200	.0669"		1.700	3.0	50	8.5
00202	.0670"	#51	1.702	1/8"	2"	11/32"
00204	.0689"		1.750	3.0	50	9.0
00206	.0700"	#50	1.778	1/8"	2"	23/64"
00208	.0709"		1.800	3.0	50	9.0
00210	.0728"		1.850	3.0	50	9.5
00212	.0730"	#49	1.854	1/8"	2"	3/8"
00214	.0748"		1.900	3.0	50	9.5
00216	.0760"	#48	1.930	1/8"	2"	3/8"
00218	.0768"		1.950	3.0	50	10.0
00220	.0781"	5/64"	1.983	1/8"	2"	13/32"
00222	.0785"	#47	1.994	1/8"	2"	13/32"
00224	.0787"		2.000	3.0	50	10.0
00226	.0807"		2.050	3.0	50	10.5
00228	.0810"	#46	2.057	1/8"	2"	27/64"
00230	.0820"	#45	2.083	1/8"	2"	27/64"
00232	.0827"		2.100	3.0	50	10.5
00234	.0846"		2.150	3.0	50	11.0
00236	.0860"	#44	2.184	1/8"	2"	7/16"
00238	.0866"		2.200	3.0	50	11.0
00240	.0886"		2.250	3.0	50	11.5
00242	.0890"	#43	2.260	1/8"	2"	29/64"
00244	.0906"		2.300	3.0	50	11.5
00246	.0925"		2.350	3.0	50	12.0
00248	.0935"	#42	2.375	1/8"	2"	31/64"
00250	.0938"	3/32"	2.382	1/8"	2"	31/64"
00252	.0945"		2.400	3.0	50	12.0
00254	.0960"	#41	2.438	1/8"	2"	31/64"
00256	.0965"		2.450	3.0	50	12.5
00258	.0980"	#40	2.489	1/8"	2"	1/2"
00260	.0984"		2.500	3.0	50	12.5
00262	.0995"	#39	2.527	1/8"	2"	1/2"
00264	.1004"		2.550	3.0	50	13.0
00266	.1015"	#38	2.578	1/8"	2"	17/32"
00268	.1024"		2.600	3.0	50	13.0
00270	.1040"	#37	2.641	1/8"	2"	17/32"
00272	.1043"		2.650	3.0	50	13.5
00274	.1063"		2.700	3.0	50	13.5
00276	.1065"	#36	2.705	1/8"	2"	17/32"
00278	.1083"		2.750	3.0	50	14.0
00280	.1094"	7/64"	2.778	1/8"	2"	9/16"
00282	.1100"	#35	2.794	1/8"	2"	9/16"
00284	.1102"		2.800	3.0	50	14.0
00286	.1110"	#34	2.819	1/8"	2"	9/16"
00288	.1122"		2.850	3.0	50	14.5
00290	.1130"	#33	2.870	1/8"	2"	19/32"
00292	.1142"		2.900	3.0	50	14.5
00294	.1160"	#32	2.946	1/8"	2"	19/32"
00296	.1161"		2.950	3.0	50	15.0
00298	.1181"		3.000	3.0	50	15.0
00300	.1200"	#31	3.048	1/8"	2"	5/8"
00302	.1250"	1/8"	3.175	1/8"	2"	5/8"



帶加強柄的超細高效整體硬質合金鑽頭
 30° 螺旋角更便於排屑
 高硬耐高溫合金、鈷基合金、不銹鋼和工具鋼
 巴爾查斯的 HELICA 塗層是基於 AlCr 的多層塗層，
 專為高效鑽孔而設計不建議在車床，或工具必須防銹

EDP#	d1 [†] Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	
	Decimal	Metric				
00304	.0312"	1/32"	0.792	1/8"	2"	15/64"
00306	.0315"		0.800	3.0	50	6.0
00308	.0319"		0.810	3.0	50	6.0
00310	.0320"	#67	0.812	1/8"	2"	15/64"
00312	.0323"		0.820	3.0	50	6.0
00314	.0327"		0.830	3.0	50	6.0
00316	.0330"	#66	0.838	1/8"	2"	15/64"
00318	.0331"		0.840	3.0	50	6.0
00320	.0335"		0.850	3.0	50	6.0
00322	.0339"		0.860	3.0	50	6.5
00324	.0343"		0.870	3.0	50	6.5
00326	.0346"		0.880	3.0	50	6.5
00328	.0350"	#65	0.890	3.0	50	6.5
00330	.0354"		0.900	3.0	50	6.5
00332	.0358"		0.910	3.0	50	6.5
00334	.0360"	#64	0.914	1/8"	2"	1/4"
00336	.0362"		0.920	3.0	50	6.5
00338	.0366"		0.930	3.0	50	6.5
00340	.0370"	#63	0.940	3.0	50	7.0
00342	.0374"		0.950	3.0	50	7.0
00344	.0378"		0.960	3.0	50	7.0
00346	.0380"	#62	0.965	1/8"	2"	17/64"
00348	.0382"		0.970	3.0	50	7.0
00350	.0386"		0.980	3.0	50	7.0
00352	.0390"	#61	0.990	3.0	50	7.0
00354	.0394"		1.000	3.0	50	7.0
00356	.0400"	#60	1.016	1/8"	2"	9/32"
00358	.0410"	#59	1.041	1/8"	2"	9/32"
00360	.0413"		1.050	3.0	50	7.5
00362	.0420"	#58	1.066	1/8"	2"	5/16"
00364	.0430"	#57	1.092	1/8"	2"	5/16"
00366	.0433"		1.100	3.0	50	8.0
00368	.0453"		1.150	3.0	50	8.0
00370	.0465"	#56	1.181	1/8"	2"	11/32"
00372	.0469"	3/64"	1.191	1/8"	2"	11/32"
00374	.0472"		1.200	3.0	50	9.0
00376	.0492"		1.250	3.0	50	9.0
00378	.0512"		1.300	3.0	50	9.0
00380	.0520"	#55	1.320	1/8"	2"	3/8"
00382	.0531"		1.350	3.0	50	9.5
00384	.0550"	#54	1.397	1/8"	2"	3/8"
00386	.0551"		1.400	3.0	50	10.0
00388	.0571"		1.450	3.0	50	10.5

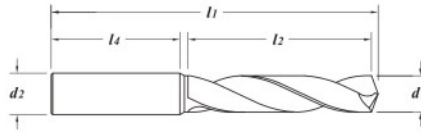
EDP#	d1 [†] Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	
	Decimal	Metric				
00390	.0591"		1.500	3.0	50	10.5
00392	.0595"	#53	1.511	1/8"	2"	7/16"
00394	.0610"		1.550	3.0	50	11.0
00396	.0625"	1/16"	1.587	1/8"	2"	7/16"
00398	.0630"		1.600	3.0	50	11.0
00400	.0635"	#52	1.613	1/8"	2"	15/32"
00402	.0650"		1.650	3.0	50	11.5
00404	.0669"		1.700	3.0	50	11.5
00406	.0670"	#51	1.702	1/8"	2"	15/32"
00408	.0689"		1.750	3.0	50	12.0
00410	.0700"	#50	1.778	1/8"	2"	1/2"
00412	.0709"		1.800	3.0	50	13.0
00414	.0728"		1.850	3.0	50	13.0
00416	.0730"	#49	1.854	1/8"	2"	1/2"
00418	.0748"		1.900	3.0	50	13.5
00420	.0760"	#48	1.930	1/8"	2"	17/32"
00422	.0768"		1.950	3.0	50	14.0
00424	.0781"	5/64"	1.983	1/8"	2"	9/16"
00426	.0785"	#47	1.994	1/8"	2"	9/16"
00428	.0787"		2.000	3.0	50	14.0
00430	.0807"		2.050	3.0	50	14.0
00432	.0810"	#46	2.057	1/8"	2"	9/16"
00434	.0820"	#45	2.083	1/8"	2"	9/16"
00436	.0827"		2.100	3.0	50	14.5
00438	.0846"		2.150	3.0	50	14.5
00440	.0860"	#44	2.184	1/8"	2"	19/32"
00442	.0866"		2.200	3.0	50	15.5
00444	.0886"		2.250	3.0	50	15.5
00446	.0890"	#43	2.260	1/8"	2"	5/8"
00448	.0906"		2.300	3.0	50	16.0
00450	.0925"		2.350	3.0	50	16.0
00452	.0935"	#42	2.375	1/8"	2"	21/32"
00454	.0938"	3/32"	2.382	1/8"	2"	21/32"
00456	.0945"		2.400	3.0	50	17.0
00458	.0960"	#41	2.438	1/8"	2"	43/64"
00460	.0965"		2.450	3.0	50	17.0
00462	.0980"	#40	2.489	1/8"	2"	11/16"
00464	.0984"		2.500	3.0	50	17.5
00466	.0995"	#39	2.527	1/8"	2"	11/16"
00468	.1004"		2.550	3.0	50	17.5
00470	.1015"	#38	2.578	1/8"	2"	45/64"
00472	.1024"		2.600	3.0	50	18.0
00474	.1040"	#37	2.641	1/8"	2"	23/32"
00476	.1043"		2.650	3.0	50	18.5
00478	.1063"		2.700	3.0	50	19.0
00480	.1065"	#36	2.705	1/8"	2"	3/4"
00482	.1083"		2.750	3.0	50	19.5
00484	.1094"	7/64"	2.778	1/8"	2"	49/64"
00486	.1100"	#35	2.794	1/8"	2"	49/64"
00488	.1102"		2.800	3.0	50	19.5
00490	.1110"	#34	2.819	1/8"	2"	25/32"
00492	.1122"		2.850	3.0	50	20.0
00494	.1130"	#33	2.870	1/8"	2"	51/64"
00496	.1142"		2.900	3.0	50	20.0
00498	.1160"	#32	2.946	1/8"	2"	13/16"
00500	.1161"		2.950	3.0	50	21.0
00502	.1181"		3.000	3.0	50	21.0
00504	.1200"	#31	3.048	1/8"	2"	7/8"
00506	.1250"	1/8"	3.175	1/8"	2"	7/8"



帶加強柄的超細高效整體硬質合金鑽頭
 30° 螺旋角更便于排屑
 高硬耐高溫合金、鈷基合金、不銹鋼和工具鋼
 巴爾查斯的 HELICA 塗層是基于 AlCr 的多層塗層，
 專為高效鑽孔而設計不建議在車床，或工具必須紡紗

EDP#	d1 [†] Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	
	Decimal	Metric				
00510	.0312"	1/32"	0.792	1/8"	2"	7/16"
00512	.0315"		0.800	3.0	50	12.0
00514	.0319"		0.810	3.0	50	12.0
00516	.0320"	#67	0.812	1/8"	2"	7/16"
00518	.0323"		0.820	3.0	50	12.0
00520	.0327"		0.830	3.0	50	12.0
00522	.0330"	#66	0.838	1/8"	2"	7/16"
00524	.0331"		0.840	3.0	50	12.0
00526	.0335"		0.850	3.0	50	12.0
00528	.0339"		0.860	3.0	50	13.0
00530	.0343"		0.870	3.0	50	13.0
00532	.0346"		0.880	3.0	50	13.0
00534	.0350"	#65	0.890	3.0	50	13.0
00536	.0354"		0.900	3.0	50	13.0
00538	.0358"		0.910	3.0	50	13.0
00540	.0360"	#64	0.914	1/8"	2"	1/2"
00542	.0362"		0.920	3.0	50	13.0
00544	.0366"		0.930	3.0	50	13.0
00546	.0370"	#63	0.940	3.0	50	14.0
00548	.0374"		0.950	3.0	50	14.0
00550	.0378"		0.960	3.0	50	14.0
00552	.0380"	#62	0.965	1/8"	2"	9/16"
00554	.0382"		0.970	3.0	50	14.0
00556	.0386"		0.980	3.0	50	14.0
00558	.0390"	#61	0.990	3.0	50	14.0
00560	.0394"		1.000	3.0	50	14.0
00562	.0400"	#60	1.016	1/8"	2"	9/16"
00564	.0410"	#59	1.041	1/8"	2"	9/16"
00566	.0413"		1.050	3.0	50	15.0
00568	.0420"	#58	1.066	1/8"	2"	9/16"
00570	.0430"	#57	1.092	1/8"	2"	9/16"
00572	.0433"		1.100	3.0	50	16.0
00574	.0453"		1.150	3.0	50	16.0
00576	.0465"	#56	1.181	1/8"	2"	5/8"
00578	.0469"	3/64"	1.191	1/8"	2"	5/8"
00580	.0472"		1.200	3.0	50	18.0
00582	.0492"		1.250	3.0	50	18.0
00584	.0512"		1.300	3.0	50	18.0
00586	.0520"	#55	1.320	1/8"	2"	3/4"
00588	.0531"		1.350	3.0	50	19.0
00590	.0550"	#54	1.397	1/8"	2"	3/4"
00592	.0551"		1.400	3.0	65	20.0
00594	.0571"		1.450	3.0	65	21.0

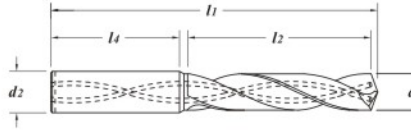
EDP#	d1 [†] Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	
	Decimal	Metric				
00596	.0591"		1.500	3.0	65	21.0
00598	.0595"	#53	1.511	1/8"	2-1/2"	13/16"
00600	.0610"		1.550	3.0	65	22.0
00602	.0625"	1/16"	1.587	1/8"	2-1/2"	13/16"
00604	.0630"		1.600	3.0	65	22.0
00606	.0635"	#52	1.613	1/8"	2-1/2"	7/8"
00608	.0650"		1.650	3.0	65	23.0
00610	.0669"		1.700	3.0	65	23.0
00612	.0670"	#51	1.702	1/8"	2-1/2"	7/8"
00614	.0689"		1.750	3.0	65	24.0
00616	.0700"	#50	1.778	1/8"	2-1/2"	1"
00618	.0709"		1.800	3.0	65	26.0
00620	.0728"		1.850	3.0	65	26.0
00622	.0730"	#49	1.854	1/8"	2-1/2"	1"
00624	.0748"		1.900	3.0	65	27.0
00626	.0760"	#48	1.930	1/8"	2-1/2"	1-1/8"
00628	.0768"		1.950	3.0	65	28.0
00630	.0781"	5/64"	1.983	1/8"	2-1/2"	1-1/8"
00632	.0785"	#47	1.994	1/8"	2-1/2"	1-1/8"
00634	.0787"		2.000	3.0	65	28.0
00636	.0807"		2.050	3.0	65	28.0
00638	.0810"	#46	2.057	1/8"	2-1/2"	1-1/8"
00640	.0820"	#45	2.083	1/8"	2-1/2"	1-1/8"
00642	.0827"		2.100	3.0	65	29.0
00644	.0846"		2.150	3.0	65	29.0
00646	.0860"	#44	2.184	1/8"	2-1/2"	1-3/16"
00648	.0866"		2.200	3.0	65	31.0
00650	.0886"		2.250	3.0	65	31.0
00652	.0890"	#43	2.260	1/8"	2-1/2"	1-1/4"
00654	.0906"		2.300	3.0	65	32.0
00656	.0925"		2.350	3.0	65	32.0
00658	.0935"	#42	2.375	1/8"	3"	1-5/16"
00660	.0938"	3/32"	2.382	1/8"	3"	1-5/16"
00662	.0945"		2.400	3.0	75	34.0
00664	.0960"	#41	2.438	1/8"	3"	1-11/32"
00666	.0965"		2.450	3.0	75	34.0
00668	.0980"	#40	2.489	1/8"	3"	1-3/8"
00670	.0984"		2.500	3.0	75	35.0
00672	.0995"	#39	2.527	1/8"	3"	1-3/8"
00674	.1004"		2.550	3.0	75	35.0
00676	.1015"	#38	2.578	1/8"	3"	1-13/32"
00678	.1024"		2.600	3.0	75	36.0
00680	.1040"	#37	2.641	1/8"	3"	1-7/16"
00682	.1043"		2.650	3.0	75	37.0
00684	.1063"		2.700	3.0	75	38.0
00686	.1065"	#36	2.705	1/8"	3"	1-1/2"
00688	.1083"		2.750	3.0	75	39.0
00690	.1094"	7/64"	2.778	1/8"	3"	1-9/16"
00692	.1100"	#35	2.794	1/8"	3"	1-9/16"
00694	.1102"		2.800	3.0	75	39.0
00696	.1110"	#34	2.819	1/8"	3"	1-5/8"
00698	.1122"		2.850	3.0	75	40.0
00700	.1130"	#33	2.870	1/8"	3"	1-5/8"
00702	.1142"		2.900	3.0	75	40.0
00704	.1160"	#32	2.946	1/8"	3"	1-5/8"
00706	.1161"		2.950	3.0	75	42.0
00708	.1181"		3.000	3.0	75	42.0
00710	.1200"	#31	3.048	1/8"	3"	1-3/4"
00712	.1250"	1/8"	3.175	1/8"	3"	1-3/4"



带加强柄的超细高效整体硬质合金钻头
 适用 DIN 6537 标准
 跟普通的硬质合金钻头相比可提高速度高达50%
 30° 螺旋角更便于排屑
 切削刃口经过珩磨
 高银耐高温合金、钴基合金、不锈钢和工具钢
 巴尔查斯的 HELICA 涂层是基于 AlCr 的多层涂层，
 专为高效钻孔而设计不建议在车床，或工具必须纺纱

EDP#	d_1 Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	l_4 Shank Length
	Decimal	Metric				
20085	.1181"	3.000	6.0	62	20	36
20095	.1220"	3.100	6.0	62	20	36
20105	.1248"	3.170	6.0	62	20	36
20115	.1260"	3.200	6.0	62	20	36
20125	.1280"	3.250	6.0	62	20	36
20135	.1299"	3.300	6.0	62	20	36
20145	.1339"	3.400	6.0	62	20	36
20155	.1378"	3.500	6.0	62	20	36
20165	.1417"	3.600	6.0	62	20	36
20175	.1457"	3.700	6.0	62	20	36
20185	.1476"	3.750	6.0	62	20	36
20195	.1496"	3.800	6.0	66	24	36
20205	.1535"	3.900	6.0	66	24	36
20215	.1575"	4.000	6.0	66	24	36
20225	.1614"	4.100	6.0	66	24	36
20235	.1654"	4.200	6.0	66	24	36
20245	.1673"	4.250	6.0	66	24	36
20255	.1693"	4.300	6.0	66	24	36
20265	.1732"	4.400	6.0	66	24	36
20275	.1772"	4.500	6.0	66	24	36
20285	.1811"	4.600	6.0	66	24	36
20295	.1831"	4.650	6.0	66	24	36
20305	.1850"	4.700	6.0	66	24	36
20315	.1870"	4.750	6.0	66	24	36
20325	.1890"	4.800	6.0	66	28	36
20335	.1929"	4.900	6.0	66	28	36
20345	.1969"	5.000	6.0	66	28	36
20355	.2008"	5.100	6.0	66	28	36
20365	.2027"	5.150	6.0	66	28	36
20375	.2047"	5.200	6.0	66	28	36
20385	.2087"	5.300	6.0	66	28	36
20395	.2165"	5.500	6.0	66	28	36
20405	.2185"	5.550	6.0	66	28	36
20408	.2205"	5.600	6.0	66	28	36
20412	.2244"	5.700	6.0	66	28	36
20415	.2283"	5.800	6.0	66	28	36
20425	.2323"	5.900	6.0	66	28	36
20435	.2342"	5.950	6.0	66	28	36
20445	.2362"	6.000	6.0	66	28	36
20448	.2402"	6.100	8.0	79	34	36
20452	.2441"	6.200	8.0	79	34	36
20454	.2480"	6.300	8.0	79	34	36
20455	.2500"	6.350	8.0	79	34	36

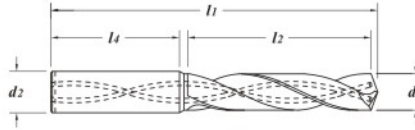
EDP#	d_1 Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	l_4 Shank Length
	Decimal	Metric				
20462	.2520"	6.400	8.0	79	34	36
20465	.2559"	6.500	8.0	79	34	36
20468	.2571"	6.530	8.0	79	34	36
20472	.2598"	6.600	8.0	79	34	36
20473	.2638"	6.700	8.0	79	34	36
20475	.2657"	6.750	8.0	79	34	36
20485	.2677"	6.800	8.0	79	34	36
20495	.2717"	6.900	8.0	79	34	36
20505	.2756"	7.000	8.0	79	34	36
20515	.2795"	7.100	8.0	79	41	36
20525	.2815"	7.150	8.0	79	41	36
20535	.2835"	7.200	8.0	79	41	36
20542	.2874"	7.300	8.0	79	41	36
20545	.2913"	7.400	8.0	79	41	36
20555	.2953"	7.500	8.0	79	41	36
20565	.2972"	7.550	8.0	79	41	36
20575	.2992"	7.600	8.0	79	41	36
20585	.3031"	7.700	8.0	79	41	36
20595	.3071"	7.800	8.0	79	41	36
20605	.3130"	7.950	8.0	79	41	36
20615	.3150"	8.000	8.0	79	41	36
20622	.3189"	8.100	10.0	89	47	40
20625	.3228"	8.200	10.0	89	47	40
20635	.3268"	8.300	10.0	89	47	40
20645	.3287"	8.350	10.0	89	47	40
20652	.3307"	8.400	10.0	89	47	40
20655	.3346"	8.500	10.0	89	47	40
20665	.3386"	8.600	10.0	89	47	40
20675	.3425"	8.700	10.0	89	47	40
20685	.3445"	8.750	10.0	89	47	40
20695	.3465"	8.800	10.0	89	47	40
20705	.3504"	8.900	10.0	89	47	40
20715	.3543"	9.000	10.0	89	47	40
20725	.3583"	9.100	10.0	89	47	40
20735	.3602"	9.150	10.0	89	47	40
20745	.3622"	9.200	10.0	89	47	40
20755	.3661"	9.300	10.0	89	47	40
20762	.3701"	9.400	10.0	89	47	40
20765	.3740"	9.500	10.0	89	47	40
20775	.3760"	9.550	10.0	89	47	40
20778	.3780"	9.600	10.0	89	47	40
20782	.3819"	9.700	10.0	89	47	40
20785	.3858"	9.800	10.0	89	47	40
20795	.3898"	9.900	10.0	89	47	40
20805	.3937"	10.000	10.0	89	47	40
20812	.3976"	10.100	12.0	102	55	45
20815	.4016"	10.200	12.0	102	55	45
20825	.4055"	10.300	12.0	102	55	45
20835	.4134"	10.500	12.0	102	55	45
20842	.4173"	10.600	12.0	102	55	45
20845	.4213"	10.700	12.0	102	55	45
20855	.4252"	10.800	12.0	102	55	45
20865	.4331"	11.000	12.0	102	55	45
20875	.4370"	11.100	12.0	102	55	45
20885	.4409"	11.200	12.0	102	55	45
20892	.4488"	11.400	12.0	102	55	45
20895	.4528"	11.500	12.0	102	55	45
20905	.4606"	11.700	12.0	102	55	45
20915	.4685"	11.900	12.0	102	55	45
20925	.4724"	12.000	12.0	102	55	45



带加强柄的超细高效整体硬质合金钻头
 适用 DIN 6537 标准
 跟普通的硬质合金钻头相比可提高速度高达70%
 30° 螺旋角更便于排屑
 切削刃口经过研磨
 高碳钢高温合金、钴基合金、不锈钢和工具钢
 巴尔查斯的 HELICA 涂层是基于 AlCn 的多层涂层,
 专为高效钻孔而设计不建议在车床, 或工具必须纺纱

EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l4 Shank Length
	Decimal	Metric				
25205	.1575"	4.000	6.0	74	36	36
25215	.1614"	4.100	6.0	74	36	36
25225	.1654"	4.200	6.0	74	36	36
25235	.1673"	4.250	6.0	74	36	36
25245	.1693"	4.300	6.0	74	36	36
25255	.1732"	4.400	6.0	74	36	36
25265	.1772"	4.500	6.0	74	36	36
25275	.1811"	4.600	6.0	74	36	36
25285	.1831"	4.650	6.0	74	36	36
25295	.1850"	4.700	6.0	74	36	36
25305	.1870"	4.750	6.0	74	36	36
25315	.1890"	4.800	6.0	82	44	36
25325	.1929"	4.900	6.0	82	44	36
25335	.1969"	5.000	6.0	82	44	36
25345	.2008"	5.100	6.0	82	44	36
25355	.2027"	5.150	6.0	82	44	36
25365	.2047"	5.200	6.0	82	44	36
25375	.2087"	5.300	6.0	82	44	36
25385	.2165"	5.500	6.0	82	44	36
25395	.2185"	5.550	6.0	82	44	36
25397	.2205"	5.600	6.0	82	44	36
25400	.2243"	5.700	6.0	82	44	36
25405	.2283"	5.800	6.0	82	44	36
25415	.2323"	5.900	6.0	82	44	36
25425	.2342"	5.950	6.0	82	44	36
25435	.2362"	6.000	6.0	82	44	36
25437	.2402"	6.100	8.0	91	53	36
25440	.2441"	6.200	8.0	91	53	36
25443	.2480"	6.300	8.0	91	53	36
25445	.2500"	6.350	8.0	91	53	36
25450	.2520"	6.400	8.0	91	53	36
25455	.2559"	6.500	8.0	91	53	36
25457	.2571"	6.530	8.0	91	53	36
25460	.2598"	6.600	8.0	91	53	36
25463	.2638"	6.700	8.0	91	53	36
25465	.2657"	6.750	8.0	91	53	36
25475	.2677"	6.800	8.0	91	53	36
25485	.2717"	6.900	8.0	91	53	36
25495	.2756"	7.000	8.0	91	53	36
25505	.2795"	7.100	8.0	91	53	36
25515	.2815"	7.150	8.0	91	53	36
25525	.2835"	7.200	8.0	91	53	36
25530	.2874"	7.300	8.0	91	53	36
25535	.2913"	7.400	8.0	91	53	36
25545	.2953"	7.500	8.0	91	53	36

EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l4 Shank Length
	Decimal	Metric				
25555	.2972"	7.550	8.0	91	53	36
25565	.2992"	7.600	8.0	91	53	36
25575	.3031"	7.700	8.0	91	53	36
25585	.3071"	7.800	8.0	91	53	36
25595	.3130"	7.950	8.0	91	53	36
25605	.3150"	8.000	8.0	91	53	36
25610	.3189"	8.100	10.0	103	61	40
25615	.3228"	8.200	10.0	103	61	40
25625	.3268"	8.300	10.0	103	61	40
25635	.3287"	8.350	10.0	103	61	40
25640	.3307"	8.400	10.0	103	61	40
25645	.3346"	8.500	10.0	103	61	40
25655	.3386"	8.600	10.0	103	61	40
25665	.3425"	8.700	10.0	103	61	40
25675	.3445"	8.750	10.0	103	61	40
25685	.3465"	8.800	10.0	103	61	40
25695	.3504"	8.900	10.0	103	61	40
25705	.3543"	9.000	10.0	103	61	40
25715	.3583"	9.100	10.0	103	61	40
25725	.3602"	9.150	10.0	103	61	40
25735	.3622"	9.200	10.0	103	61	40
25745	.3661"	9.300	10.0	103	61	40
25750	.3701"	9.400	10.0	103	61	40
25755	.3740"	9.500	10.0	103	61	40
25765	.3760"	9.550	10.0	103	61	40
25767	.3780"	9.600	10.0	103	61	40
25770	.3819"	9.700	10.0	103	61	40
25775	.3858"	9.800	10.0	103	61	40
25785	.3898"	9.900	10.0	103	61	40
25795	.3937"	10.000	10.0	103	61	40
25800	.3976"	10.100	12.0	118	71	45
25805	.4016"	10.200	12.0	118	71	45
25815	.4055"	10.300	12.0	118	71	45
25825	.4134"	10.500	12.0	118	71	45
25830	.4173"	10.600	12.0	118	71	45
25835	.4213"	10.700	12.0	118	71	45
25845	.4252"	10.800	12.0	118	71	45
25855	.4331"	11.000	12.0	118	71	45
25865	.4370"	11.100	12.0	118	71	45
25875	.4409"	11.200	12.0	118	71	45
25880	.4488"	11.400	12.0	118	71	45
25885	.4528"	11.500	12.0	118	71	45
25895	.4606"	11.700	12.0	118	71	45
25905	.4685"	11.900	12.0	118	71	45
25915	.4724"	12.000	12.0	118	71	45
25925	.4764"	12.100	14.0	124	77	45
25930	.4803"	12.200	14.0	124	77	45
25935	.4842"	12.300	14.0	124	77	45
25940	.4882"	12.400	14.0	124	77	45
25945	.4921"	12.500	14.0	124	77	45
25950	.4961"	12.600	14.0	124	77	45
25955	.5000"	12.700	14.0	124	77	45
25960	.5039"	12.800	14.0	124	77	45
25961	.5051"	12.830	14.0	124	77	45
25963	.5079"	12.900	14.0	124	77	45
25964	.5098"	12.950	14.0	124	77	45



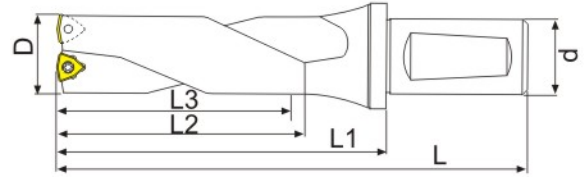
带加强柄的超细高效整体硬质合金钻头
 适用 DIN 6537 标准
 跟普通的硬质合金钻头相比可提高速度高达70%
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 巴尔查斯的 HELICA 涂层是基于 AlC 的多层涂层，
 专为高效钻孔而设计不建议在车床，或工具必须纺纱

EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l4 Shank Length
	Decimal	Metric				
25965	.5118"	13.000	14.0	124	77	45
25975	.5157"	13.100	14.0	124	77	45
25981	.5236"	13.300	14.0	124	77	45
25985	.5315"	13.500	14.0	124	77	45
25995	.5394"	13.700	14.0	124	77	45
26005	.5433"	13.800	14.0	124	77	45
26015	.5512"	14.000	14.0	124	77	45
26025	.5551"	14.100	16.0	133	83	48
26027	.5591"	14.200	16.0	133	83	48
26035	.5610"	14.250	16.0	133	83	48
26045	.5630"	14.300	16.0	133	83	48
26055	.5709"	14.500	16.0	133	83	48
26065	.5787"	14.700	16.0	133	83	48
26067	.5827"	14.800	16.0	133	83	48
26075	.5906"	15.000	16.0	133	83	48
26085	.5945"	15.100	16.0	133	83	48
26095	.6102"	15.500	16.0	133	83	48
26105	.6181"	15.700	16.0	133	83	48
26107	.6220"	15.800	16.0	133	83	48
26115	.6299"	16.000	16.0	133	83	48
26118	.6331"	16.080	18.0	143	93	48
26119	.6339"	16.100	18.0	143	93	48
26123	.6378"	16.200	18.0	143	93	48
26125	.6398"	16.250	18.0	143	93	48

EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l4 Shank Length
	Decimal	Metric				
26135	.6496"	16.500	18.0	143	93	48
26145	.6555"	16.650	18.0	143	93	48
26155	.6693"	17.000	18.0	143	93	48
26165	.6713"	17.050	18.0	143	93	48
26175	.6870"	17.450	18.0	143	93	48
26185	.6890"	17.500	18.0	143	93	48
26195	.7027"	17.850	18.0	143	93	48
26205	.7087"	18.000	18.0	143	93	48
26215	.7185"	18.250	20.0	153	101	50
26225	.7283"	18.500	20.0	153	101	50
26235	.7342"	18.650	20.0	153	101	50
26245	.7480"	19.000	20.0	153	101	50
26255	.7500"	19.050	20.0	153	101	50
26256	.7520"	19.100	20.0	153	101	50
26257	.7539"	19.150	20.0	153	101	50
26258	.7559"	19.200	20.0	153	101	50
26259	.7579"	19.250	20.0	153	101	50
26260	.7590"	19.280	20.0	153	101	50
26261	.7598"	19.300	20.0	153	101	50
26265	.7638"	19.400	20.0	153	101	50
26275	.7677"	19.500	20.0	153	101	50
26281	.7795"	19.800	20.0	153	101	50
26285	.7815"	19.850	20.0	153	101	50
26295	.7874"	20.000	20.0	153	101	50

SD 捨棄式快速鑽頭

Dx2



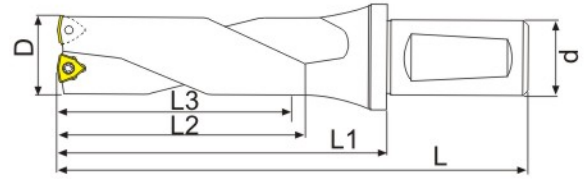
Dx 2

(2倍長)

ITEM CODE	D	L	L ₁	L ₂	L ₃	d	Insert	Screw	Wrench
C25-SD17-34L	17	124	69	37	34	25	WCMT030208	M2.5 (S2502-1)	T8
C25-SD18-36L	18	126	71	39	36				
C25-SD19-38L	19	128	73	41	38				
C25-SD20-40L	20	130	75	43	40	25	WCMT040208	M2.5 (S2502-1)	T8
C25-SD21-42L	21	132	77	45	42				
C25-SD22-44L	22	134	79	47	44				
C25-SD23-46L	23	136	81	49	46				
C25-SD24-48L	24	138	83	51	48				
C32-SD25-50L	25	148	88	53	50	32	WCMT050308	M3.0 (S3002-1)	T8
C32-SD26-52L	26	150	90	55	52				
C32-SD27-54L	27	152	92	57	54				
C32-SD28-56L	28	154	94	59	56				
C32-SD29-58L	29	156	96	61	58				
C32-SD30-60L	30	158	98	63	60				
C32-SD31-62L	31	160	100	65	62	32	WCMT06T308	M3.5 (S3506-1)	T15
C32-SD32-64L	32	162	102	67	64				
C32-SD33-66L	33	164	104	69	66				
C32-SD34-68L	34	166	106	71	68				
C32-SD35-70L	35	168	108	73	70				
C32-SD36-72L	36	170	110	75	72				
C32-SD37-74L	37	173	113	77	74				
C32-SD38-76L	38	176	116	79	76				
C32-SD39-78L	39	178	118	81	78				
C40-SD40-80L	40	191	126	83	80				
C40-SD41-82L	41	194	129	85	82				
C40-SD42-84L	42	196	131	87	84				
C40-SD43-86L	43	198	133	89	86				
C40-SD44-88L	44	201	136	91	88				
C40-SD45-90L	45	203	138	93	90				
C40-SD46-92L	46	206	141	95	92				
C40-SD47-94L	47	208	143	97	94				
C40-SD48-96L	48	211	146	99	96				
C40-SD49-98L	49	213	148	101	98				
C40-SD50-100L	50	215	150	103	100				

SD 捨棄式快速鑽頭

Dx3



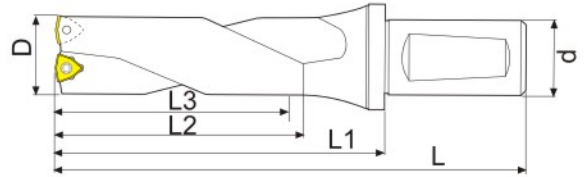
Dx 3

(3 倍長)

ITEM CODE	D	L	L1	L2	L3	d	Insert	Screw	Wrench
C25-SD17-51L	17	133	77	56	51	25	WCMT030208	M2.5 (S2502-1)	T8
C25-SD18-54L	18	137	81	59	54				
C25-SD19-57L	19	140	84	62	57				
C32-SD20-60L	20	158	89	66	60	32	WCMT040208	M2.5 (S2502-1)	T8
C32-SD21-63L	21	161	92	67	63				
C32-SD22-66L	22	164	95	71	66				
C32-SD23-69L	23	167	99	74	69				
C32-SD24-72L	24	170	103	78	72				
C32-SD25-75L	25	173	107	81	75				
C32-SD26-78L	26	176	110	83	78	32	WCMT050308	M3.0 (S3002-1)	T8
C32-SD27-81L	27	179	113	86	81				
C32-SD28-84L	28	182	117	89	84				
C32-SD29-87L	29	185	120	92	87				
C32-SD30-90L	30	188	125	96	90				
C32-SD31-93L	31	191	129	99	93				
C32-SD32-96L	32	194	132	102	96	32	WCMT06T308	M3.5 (S3506-1)	T15
C32-SD33-99L	33	197	136	105	99				
C32-SD34-102L	34	200	139	108	102				
C32-SD35-105L	35	203	143	111	105				
C32-SD36-108L	36	206	146	114	108				
C32-SD37-111L	37	210	150	117	111				
C32-SD38-114L	38	214	154	120	114				
C32-SD39-117L	39	217	157	123	117				

SD 捨棄式快速鑽頭

Dx3



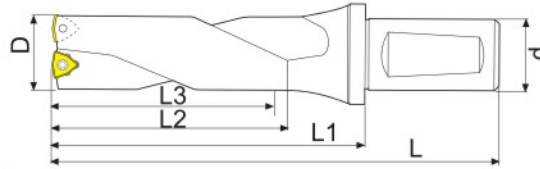
Dx 3

(3 倍長)

ITEM CODE	D	L	L1	L2	L3	d	Insert	Screw	Wrench
C40-SD40-120L	40	235	161	126	120	40	WCMT080412	M4.0 (S4005)	T15
C40-SD41-123L	41	238	165	129	123				
C40-SD42-126L	42	241	168	132	126				
C40-SD43-129L	43	244	171	135	129				
C40-SD44-132L	44	247	175	138	132				
C40-SD45-135L	45	250	178	141	135				
C40-SD46-138L	46	253	182	144	138				
C40-SD47-141L	47	256	185	147	141				
C40-SD48-144L	48	259	189	150	144				
C40-SD49-147L	49	262	192	153	147				
C40-SD50-150L	50	265	195	158	150				
C40-SD51-153L	51	268	198	162	153				
C40-SD52-156L	52	271	201	165	156				
C40-SD53-159L	53	274	204	168	159				
C40-SD54-162L	54	277	207	170	162				
C40-SD55-165L	55	280	210	175	165				
C40-SD56-168L	56	283	213	180	168				
C40-SD57-171L	57	285	215	185	171				
C40-SD58-174L	58	288	218	185	174				
C40-SD59-177L	59	290	220	187	177				
C40-SD60-180L	60	293	223	190	180				
C40-SD61-183L	61	295	225	190	183				
C40-SD62-186L	62	298	228	195	186				
C40-SD63-189L	63	301	231	195	189				
C40-SD64-192L	64	304	234	200	192				
C40-SD65-195L	65	307	237	200	195				
C40-SD66-198L	66	310	240	205	198				
C40-SD67-201L	67	312	242	205	201				
C40-SD68-204L	68	315	245	210	204				
C40-SD69-207L	69	318	248	210	207				
C40-SD70-210L	70	320	250	215	210				

SD 捨棄式快速鑽頭

Dx2 Dx3 Dx4



Dx2 點數規格 POINT SPECIFICATION

ITEM CODE	D	L	L1	L2	L3	d	Insert	Screw	Wrench
C25-SD16.5-32L	16.5	114	58	37	32	25	WCMT030208	M2.5 (S2502-1)	T8
C25-SD17.5-34L	17.5	116	60	39	34				
C25-SD18.5-36L	18.5	119	63	41	36				
C25-SD19.5-38L	19.5	121	65	43	38				
C25-SD20.5-40L	20.5	123	69	46	40	25	WCMT040208	M2.5 (S2502-1)	
C25-SD21.5-42L	21.5	125	71	47	42				
C25-SD22.5-44L	22.5	127	73	49	44				
C25-SD23.5-46L	23.5	130	76	51	46				
C25-SD24.5-48L	24.5	133	79	54	48	32	WCMT050308	M3.0 (S3002-1)	
C32-SD25.5-50L	25.5	148	82	56	50				
C32-SD26.5-52L	26.5	150	85	58	52				
C32-SD27.5-54L	27.5	152	87	60	54				
C32-SD28.5-56L	28.5	154	89	62	56	32	WCMT050308	M3.0 (S3002-1)	
C32-SD29.5-58L	29.5	156	91	64	58				

Dx3 點數規格 POINT SPECIFICATION

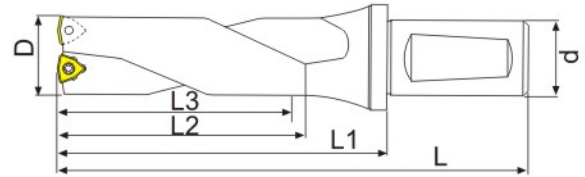
ITEM CODE	D	L	L1	L2	L3	d	Insert	Screw	Wrench
C25-SD16.5-48L	16.5	130	74	53	48	25	WCMT030208	M2.5 (S2502-1)	T8
C25-SD17.5-51L	17.5	133	77	56	51				
C25-SD18.5-54L	18.5	137	81	59	54				
C25-SD19.5-57L	19.5	140	84	62	57				
C32-SD20.5-60L	20.5	158	89	66	60	32	WCMT040208	M2.5 (S2502-1)	
C32-SD21.5-63L	21.5	161	92	68	63				
C32-SD22.5-66L	22.5	164	95	71	66				
C32-SD23.5-69L	23.5	167	99	74	69				
C32-SD24.5-72L	24.5	170	103	78	72	32	WCMT050308	M3.0 (S3002-1)	
C32-SD25.5-75L	25.5	173	107	81	75				
C32-SD26.5-78L	26.5	176	111	84	78				
C32-SD27.5-81L	27.5	179	114	87	81				
C32-SD28.5-84L	28.5	182	117	90	84	32	WCMT050308	M3.0 (S3002-1)	
C32-SD29.5-87L	29.5	185	120	93	87				

Dx4 點數規格 POINT SPECIFICATION

ITEM CODE	D	L	L1	L2	L3	d	Insert	Screw	Wrench
C25-SD16.5-64L	16.5	146	90	69	64	25	WCMT030208	M2.5 (S2502-1)	T8
C25-SD17.5-68L	17.5	150	94	73	68				
C25-SD18.5-72L	18.5	155	99	77	72				
C25-SD19.5-76L	19.5	159	103	81	76				
C32-SD20.5-80L	20.5	178	108	85	80	32	WCMT040208	M2.5 (S2502-1)	
C32-SD21.5-84L	21.5	182	113	89	84				
C32-SD22.5-88L	22.5	186	117	93	88				
C32-SD23.5-92L	23.5	190	122	97	92				
C32-SD24.5-96L	24.5	194	127	102	96	32	WCMT050308	M3.0 (S3002-1)	
C32-SD25.5-100L	25.5	198	131	106	100				
C32-SD26.5-104L	26.5	202	136	110	104				
C32-SD27.5-108L	27.5	206	140	114	108				
C32-SD28.5-112L	28.5	210	145	118	112	32	WCMT050308	M3.0 (S3002-1)	
C32-SD29.5-116L	29.5	214	149	122	116				

SD 捨棄式快速鑽頭

Dx4



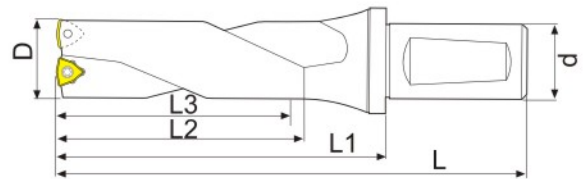
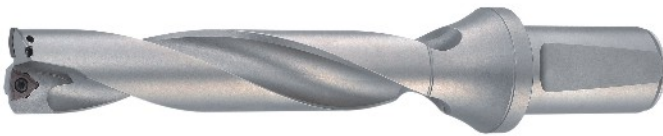
Dx 4

(4 倍長)

ITEM CODE	D	L	L1	L2	L3	d	Insert	Screw	Wrench				
C25-SD17-68L	17	150	94	73	68	25	WCMT030208	M2.5 (S2502-1)	T8				
C25-SD18-72L	18	155	99	77	72								
C25-SD19-76L	19	159	103	81	76								
C32-SD20-80L	20	178	109	86	80	32	WCMT040208	M2.5 (S2502-1)	T8				
C32-SD21-84L	21	182	113	89	84								
C32-SD22-88L	22	186	117	93	88								
C32-SD23-92L	23	190	122	97	92								
C32-SD24-96L	24	194	127	102	96								
C32-SD25-100L	25	198	132	106	100								
C32-SD26-104L	26	202	136	109	104								
C32-SD27-108L	27	206	140	113	108	32	WCMT050308	M3.0 (S3002-1)	T8				
C32-SD28-112L	28	210	145	117	112								
C32-SD29-116L	29	214	149	121	116								
C32-SD30-120L	30	218	155	126	120								
C32-SD31-124L	31	222	160	130	124								
C32-SD32-128L	32	226	164	134	128								
C32-SD33-132L	33	230	169	138	132	32	WCMT06T308	M3.5 (S3506-1)	T15				
C32-SD34-136L	34	234	173	142	136								
C32-SD35-140L	35	238	178	146	140								
C32-SD36-144L	36	242	182	150	144								
C32-SD37-148L	37	247	187	154	148								
C32-SD38-152L	38	251	191	158	152								
C32-SD39-156L	39	256	196	162	156								
C40-SD40-160L	40	275	200	166	160					40	WCMT080412	M4.0 (S4005)	T15
C40-SD41-164L	41	279	205	170	164								
C40-SD42-168L	42	283	209	174	168								
C40-SD43-172L	43	287	214	178	172								
C40-SD44-176L	44	291	219	182	176								
C40-SD45-180L	45	295	223	186	180								
C40-SD46-184L	46	299	227	190	184								
C40-SD47-188L	47	303	231	194	188								
C40-SD48-192L	48	307	235	198	192								
C40-SD49-196L	49	311	239	202	196								
C40-SD50-200L	50	315	243	206	200								
C40-SD51-204L	51	319	247	210	204								
C40-SD52-208L	52	323	251	214	208								
C40-SD53-212L	53	327	255	218	212								
C40-SD54-216L	54	331	259	222	216								
C40-SD55-220L	55	335	263	226	220								
C40-SD56-224L	56	339	267	230	224								
C40-SD57-228L	57	343	271	234	228								
C40-SD58-232L	58	347	275	238	232								
C40-SD59-236L	59	351	279	242	236								
C40-SD60-240L	60	355	283	246	240								

SD 捨棄式快速鑽頭

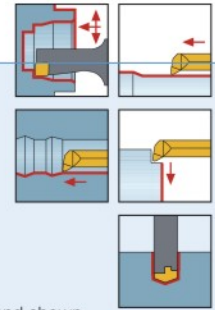
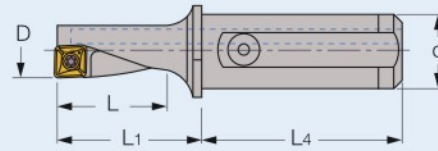
Dx5



D x 5

(5 倍長)

ITEM CODE	D	L	L1	L2	L3	d	Insert	Screw	Wrench
C32-SD20-100L	20	198	129	106	100	32	WCMT040208	M2.5 (S2502-1)	T8
C32-SD21-105L	21	203	134	110	105				
C32-SD22-110L	22	208	139	115	110				
C32-SD23-115L	23	213	145	120	115				
C32-SD24-120L	24	218	151	126	120				
C32-SD25-125L	25	223	157	131	125				
C32-SD26-130L	26	228	162	135	130	32	WCMT050308	M3.0 (S3002-1)	T8
C32-SD27-135L	27	233	167	140	135				
C32-SD28-140L	28	238	173	145	140				
C32-SD29-145L	29	243	178	150	145				
C32-SD30-150L	30	248	185	156	150				
C32-SD31-155L	31	253	191	161	155				
C32-SD32-160L	32	258	196	166	160	32	WCMT06T308	M3.5 (S3506-1)	T15
C32-SD33-165L	33	263	202	171	165				
C32-SD34-170L	34	268	207	176	170				
C32-SD35-175L	35	273	213	181	175				
C32-SD36-180L	36	278	218	186	180				
C32-SD37-185L	37	284	224	191	185				
C32-SD38-190L	38	289	229	196	190	40	WCMT080412	M4.0 (S4005)	T15
C32-SD39-195L	39	295	235	201	195				
C40-SD40-200L	40	310	240	206	200				
C40-SD41-205L	41	316	246	211	205				
C40-SD42-210L	42	322	251	216	210				
C40-SD43-215L	43	327	257	221	215				
C40-SD44-220L	44	333	263	226	220				
C40-SD45-225L	45	339	268	231	225				
C40-SD46-230L	46	345	273	236	230				
C40-SD47-235L	47	350	278	241	235				
C40-SD48-240L	48	355	283	246	240				
C40-SD49-245L	49	360	288	251	245				
C40-SD50-250L	50	365	293	256	250				
C40-SD51-255L	51	370	298	261	255				
C40-SD52-260L	52	375	303	266	260				
C40-SD53-265L	53	380	308	271	265				
C40-SD54-270L	54	385	313	276	270				
C40-SD55-275L	55	390	318	281	275				



Right-hand shown

Designation	D	d	L	L1	L4
DR-MF-08R-2.25D-12A-04	8.00	12.00	18.0	22.0	38.0
DR-MF-10R/L-2.25D-12A-05	10.00	12.00	22.5	27.5	42.0
DR-MF-12R/L-2.25D-16A-06	12.00	16.00	27.0	33.0	45.0
DR-MF-14R/L-2.25D-16A-07	14.00	16.00	31.5	38.5	45.0
DR-MF-16R/L-2.25D-20A-08	16.00	20.00	36.0	44.0	50.0
DR-MF-20R/L-2.25D-25A-10	20.00	25.00	45.0	55.0	56.0
DR-MF-25R/L-2.25D-32A-13	25.00	32.00	56.5	69.0	61.0
DR-MF-32R/L-2.25D-40A-17	32.00	40.00	72.0	86.0	74.0

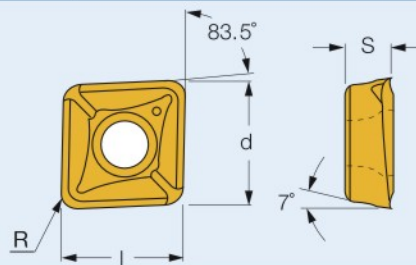
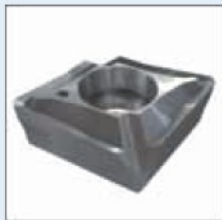
Spare Parts



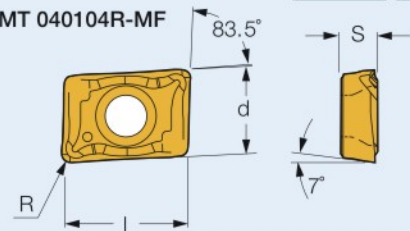
Designation	Key	Key 1	Screw
DR-MF-08R-2.25D-12A-04		IP-6/5	SR 18034/HG-P
DR-MF-10R/L-2.25D-12A-05		IP-6/5	SR 20038/HG-P
DR-MF-12R/L-2.25D-16A-06		IP-7/5	SR 22052/HG-P
DR-MF-14R/L-2.25D-16A-07		IP-8/5	SR 25064/HG-P
DR-MF-16R/L-2.25D-20A-08		IP-9/151	SR 30070/HG-P
DR-MF-20R/L-2.25D-25A-10		IP-10/151	SR 35088/HG-P
DR-MF-25R/L-2.25D-32A-13	IP-20/51		SR 45A100I/HG
DR-MF-32R/L-2.25D-40A-17	IP-20/51		SR 45A100I/HG

XCMT-MF

Inserts for DR-MF Multifunction Tools, Two Cutting Edges, for Hard Materials and Interrupted Cut

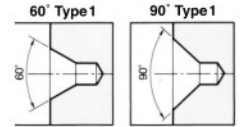
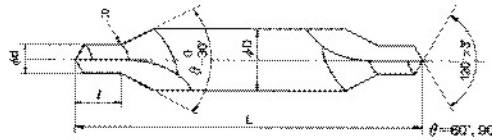


XCMT 040104R-MF



Designation	Dimensions					IC908
	di	l	S	R		
XCMT 040104L-MF	4.40	6.40	1.70	0.40	●	
XCMT 040104R-MF	4.40	6.40	1.70	0.40	●	
XCMT 050204-MF	5.60	5.60	2.10	0.40	●	
XCMT 060204-MF	6.38	6.38	2.38	0.40	●	
XCMT 070304-MF	7.48	7.48	3.18	0.40	●	
XCMT 080304-MF	8.44	8.44	3.18	0.40	●	
XCMT 10T308-MF	10.50	10.50	3.97	0.80	●	
XCMT 130404-MF	13.40	13.40	4.76	0.40	●	
XCMT 130408-MF	13.40	13.40	4.76	0.80	●	
XCMT 170508-MF	17.40	17.40	5.56	0.80	●	

中心鑽



Material : SKH51

Unit : mm

Nominal size	d		D		L	I
	Size	Tolerance	Size	Tolerance		
0.3	0.3	±0.05	3.0	0 -0.014	31	0.4
0.4	0.4	±0.05	3.0	0 -0.014	31	0.5
0.5	0.5	±0.05	3.0	0 -0.014	31	0.6
0.6	0.6	±0.05	3.5	0 -0.018	36	0.7
0.7	0.7	±0.05	3.5	0 -0.018	36	0.9
0.8	0.8	±0.05	4.0	0 -0.018	36	1.0
0.9	0.9	±0.05	4.0	0 -0.018	36	1.1
1	1.0	±0.05	4.0	0 -0.018	36	1.3
1.2	1.2	±0.05	5.0	0 -0.018	42	1.6
1.5	1.5	±0.05	5.0	0 -0.018	42	2.0
2 x 5	2.0	±0.08	5.0	0 -0.018	42	2.6
2	2.0	±0.08	6.0	0 -0.018	47	2.6
2.5 x 6	2.5	±0.08	6.0	0 -0.018	47	3.2
2.5	2.5	±0.08	7.7	0 -0.022	57	3.2

Nominal size	d		D		L	I
	Size	Tolerance	Size	Tolerance		
3	3.0	±0.08	7.7	0 -0.022	7	3.9
3 x 8	3.0	±0.08	8.0	0 -0.022	53	3.9
3.2	3.2	±0.08	7.7	0 -0.022	57	4.2
4 x 10	4.0	±0.08	10.0	0 -0.022	69	5.2
4	4.0	±0.08	11.0	0 -0.027	69	5.2
5	5.0	±0.12	11.0	0 -0.027	69	6.6
5 x 12	5.0	±0.12	12.0	0 -0.027	69	6.6
6 x 16	6.0	±0.12	16.0	0 -0.027	90	7.8
6	6.0	±0.12	18.0	0 -0.027	95	7.8
8	8.0	±0.12	18.0	0 -0.027	100	10.4
10	10.0	±0.12	18.0	0 -0.027	100	13.1
12 x 22	12.0	±0.12	22.0	0 -0.033	110	15.7
12 x 25	12.0	±0.12	22.0	0 -0.033	120	15.7

長柄中心鑽



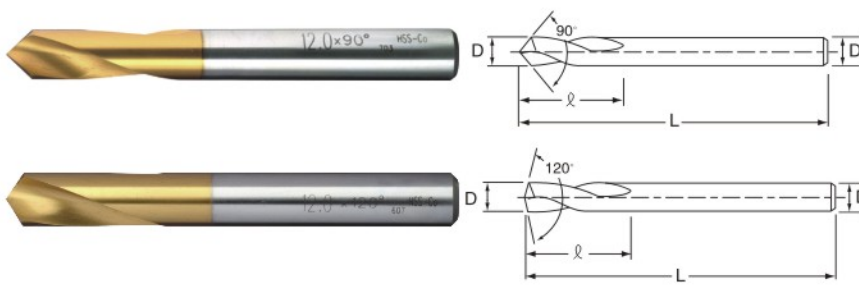
Material : SKH51

Unit : mm

Nominal size	d		D		L	I
	Size	Tolerance	Size	Tolerance		
1 x 4 x 100	1.0	±0.05	4.0	0 -0.03	100	1.2
1 x 4 x 150	1.0	±0.05	4.0	0 -0.03	150	1.2
1.5 x 5 x 100	1.5	±0.05	5.0	0 -0.03	100	1.9
1.5 x 5 x 150	1.5	±0.05	5.0	0 -0.03	150	1.9
2 x 6 x 100	2.0	±0.08	6.0	0 -0.03	100	2.5
2 x 6 x 150	2.0	±0.08	6.0	0 -0.03	150	2.5
2 x 6 x 200	2.0	±0.08	6.0	0 -0.03	200	2.5
2.5 x 8 x 100	2.5	±0.08	8.0	0 -0.036	100	3.1
2.5 x 8 x 150	2.5	±0.08	8.0	0 -0.036	150	3.1
2.5 x 8 x 200	2.5	±0.08	8.0	0 -0.036	200	3.1
3 x 8 x 100	3.0	±0.08	8.0	0 -0.036	100	3.7
3 x 8 x 150	3.0	±0.08	8.0	0 -0.036	150	3.7
3 x 8 x 200	3.0	±0.08	8.0	0 -0.036	200	3.7
3 x 10 x 100	3.0	±0.08	10.0	0 -0.036	100	3.7
3 x 10 x 150	3.0	±0.08	10.0	0 -0.036	150	3.7

Nominal size	d		D		L	I
	Size	Tolerance	Size	Tolerance		
3 x 10 x 200	3.0	±0.08	10.0	0 -0.036	200	3.7
3 x 10 x 250	3.0	±0.08	10.0	0 -0.036	250	3.7
4 x 10 x 100	4.0	±0.08	10.0	0 -0.036	100	5.0
4 x 10 x 150	4.0	±0.08	10.0	0 -0.036	150	5.0
4 x 10 x 200	4.0	±0.08	10.0	0 -0.036	200	5.0
4 x 10 x 250	4.0	±0.08	10.0	0 -0.036	250	5.0
4 x 12 x 100	4.0	±0.08	12.0	0 -0.043	100	5.0
4 x 12 x 150	4.0	±0.08	12.0	0 -0.043	150	5.0
4 x 12 x 200	4.0	±0.08	12.0	0 -0.043	200	5.0
4 x 12 x 250	4.0	±0.08	12.0	0 -0.043	250	5.0
5 x 12 x 100	5.0	±0.12	12.0	0 -0.043	100	6.3
5 x 12 x 150	5.0	±0.12	12.0	0 -0.043	150	6.3
5 x 12 x 200	5.0	±0.12	12.0	0 -0.043	200	6.3
5 x 12 x 250	5.0	±0.12	12.0	0 -0.043	250	6.3

NC定點鑽頭-HSSCO



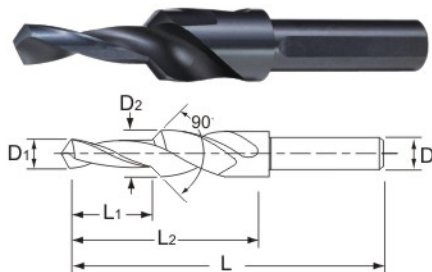
90° 定點鑽頭

直徑D mm	全徑L mm	溝長ℓ mm	直徑D mm	全徑L mm	溝長ℓ mm
3.0	50	17	5.0	60	23
4.0	55	20	6.0	65	25
			8.0	80	30

120° 定點鑽頭

直徑D mm	全徑L mm	溝長ℓ mm	直徑D mm	全徑L mm	溝長ℓ mm
10.0	90	35	16.0	115	45
12.0	100	40	20.0	130	55
			25.0	150	60

螺絲孔用-90度沉頭鑽頭

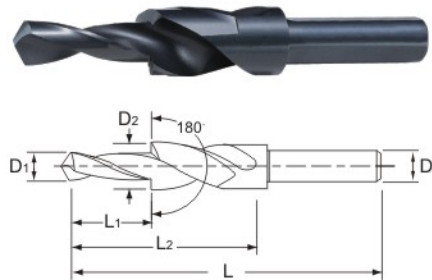


90°

Unit:mm

EDP No. 編碼	規格 No.	小徑 D1	大徑 D2	小徑長 L1	刃長 L2	全長 L	柄徑 D
NC6890-M3	M3	3.4	6.4	13	35	65	6.4
NC6890-M4	M4	4.5	8.4	18	42	75	8.4
NC6890-M5	M5	5.5	10.4	22	50	85	10.4
NC6890-M6	M6	6.6	12.5	25	51	90	12.0
NC6890-M8	M8	9.0	16.5	28	53	95	12.0

螺絲孔用-180度沉頭鑽頭



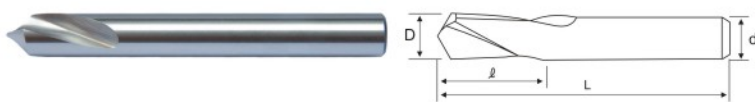
180°

Unit:mm

EDP No. 編碼	規格 No.	小徑 D1	大徑 D2	小徑長 L1	刃長 L2	全長 L	柄徑 D
NC68180-M3	M3	3.4	6.4	13	35	65	6.4
NC68180-M4	M4	4.5	8.4	18	42	75	8.4
NC68180-M5	M5	5.5	10.4	22	50	85	10.4
NC68180-M6	M6	6.6	12.5	25	51	90	12.0
NC68180-M8	M8	9.0	16.5	28	53	95	12.0
NC68180-M10	M10	11.0	17.5	30	63	105	12.0
NC68180-M12	M12	14.0	20.0	32	68	110	12.0
NC68180-1/4	1/4	6.9	11.0	25	53	90	11.0
NC68180-5/16	5/16	8.9	14.0	28	53	95	12.0
NC68180-3/8	3/8	10.5	15.0	30	63	105	12.0
NC68180-1/2	1/2	14.7	20.0	32	68	110	12.0

超微粒碳化鎢鋼定點鑽頭標準型

Unit:mm

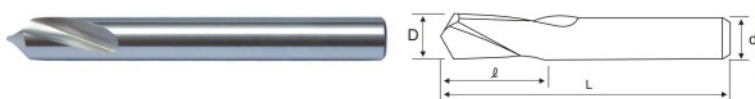


適用材料 鐵材 碳素鋼 鑄鐵 模具鋼 合金鋼 工具鋼 熱處理鋼 焊補鋼料
 主要特性 超微粒碳化鎢鋼母材韌性高, 專用於高速M/C, 高硬度高速切削, 能對熱處理材料直接進行定位加工。

品名 TOOL No.	尺寸			
	刃徑 D	刃長 ℓ	柄徑 d	全長 L
SD10340-3.0	3.0	10	3	40
SD12450-4.0	4.0	12	4	50
SD15550-5.0	5.0	15	5	50
SD20660-6.0	6.0	20	6	60
SD25860-8.0	8.0	25	8	60
SD251075-10.0	10.0	25	10	75
SD301275-12.0	12.0	30	12	75
SD3516100-16.0	16.0	35	16	100

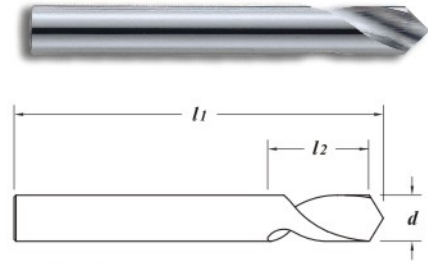
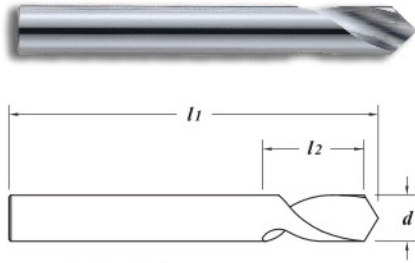
超微粒碳化鎢鋼加長定點鑽頭

Unit:mm



適用材料 鐵材 碳素鋼 鑄鐵 模具鋼 合金鋼 工具鋼 熱處理鋼 焊補鋼料
 主要特性 超微粒碳化鎢鋼母材韌性高, 專用於高速M/C, 高硬度高速切削, 能對熱處理材料直接進行定位加工。

品名 TOOL No.	尺寸			
	刃徑 D	刃長 ℓ	柄徑 d	全長 L
SDL2060100-6.0	6.0	20	6	100
SDL2580125-8.0	8.0	25	8	125
SDL25100150-10.0	10.0	25	10	150
SDL30120150-12.0	12.0	30	12	150
SDL35160150-16.0	16.0	35	16	150

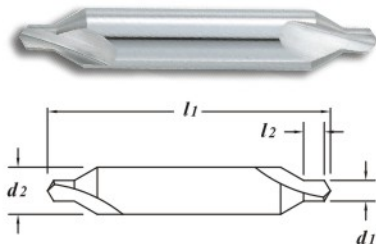


整体硬质合金钻头 供准确位置上定位用
 定位稳定长钻头 不建议在车床, 或工具必须纺纱
 粗加工面、斜面或者球面 柄部公差: -0.0025 / -0.0100mm (-.0001"-.0004")
 没有外径间隙

整体硬质合金钻头 供准确位置上定位用
 定位稳定长钻头 不建议在车床, 或工具必须纺纱
 粗加工面、斜面或者球面 柄部公差: -0.0025 / -0.0100mm (-.0001"-.0004")
 没有外径间隙

82° EDP#	90° EDP#	120° EDP#	140° EDP#	d^{\dagger} Diameter		l_1 Overall Length	l_2 Flute Length	
				Decimal	Metric			
91650	91500	91572	91240	.0787	2.000	50	10	
91652	91505	91575	91245	.0938	3/32"	2.383	2"	3/8"
91654	91510	91580	91250	.1181	3.000	50	10	
91656	91000	91100	91260	.1250	1/8"	3.175	2"	3/8"
91658	91520	91590	91270	.1575	4.000	50	12	
91660	91010	91110	91280	.1875	3/16"	4.763	3"	3/4"
91662	91530	91600	91290	.1969	5.000	65	15	
91664	91540	91610	91300	.2362	6.000	65	20	
91666	91020	91120	91310	.2500	1/4"	6.350	3"	3/4"
91668	91025	91125	91315	.3125	5/16"	7.938	3"	1"
91670	91550	91620	91320	.3150	8.000	75	25	
91672	91030	91130	91330	.3750	3/8"	9.525	3"	1"
91674	91560	91630	91340	.3937	10.000	88	25	
91676	91565	91635	91345	.4375	7/16"	11.113	4"	1"
91678	91570	91640	91350	.4724	12.000	100	30	
91680	91040	91140	91360	.5000	1/2"	12.700	4"	1"
91682	91050	91170	91370	.5512	14.000	100	30	
91684	91060	91180	91380	.5625	9/16"	14.287	4"	1"
91686	91070	91190	91390	.6250	5/8"	15.875	5"	1"
91688	91080	91200	91400	.6299	16.000	125	30	
91690	91090	91210	91410	.7087	18.000	125	30	
91692	91150	91220	91420	.7500	3/4"	19.050	5"	1"
91694	91160	91230	91430	.7874	20.000	125	30	

82° EDP#	90° EDP#	120° EDP#	140° EDP#	d^{\dagger} Diameter		l_1 Overall Length	l_2 Flute Length	
				Decimal	Metric			
91650	91500	91572	91240	.0787	2.000	50	10	
91652	91505	91575	91245	.0938	3/32"	2.383	2"	3/8"
91654	91510	91580	91250	.1181	3.000	50	10	
91656	91000	91100	91260	.1250	1/8"	3.175	2"	3/8"
91658	91520	91590	91270	.1575	4.000	50	12	
91660	91010	91110	91280	.1875	3/16"	4.763	3"	3/4"
91662	91530	91600	91290	.1969	5.000	65	15	
91664	91540	91610	91300	.2362	6.000	65	20	
91666	91020	91120	91310	.2500	1/4"	6.350	3"	3/4"
91668	91025	91125	91315	.3125	5/16"	7.938	3"	1"
91670	91550	91620	91320	.3150	8.000	75	25	
91672	91030	91130	91330	.3750	3/8"	9.525	3"	1"
91674	91560	91630	91340	.3937	10.000	88	25	
91676	91565	91635	91345	.4375	7/16"	11.113	4"	1"
91678	91570	91640	91350	.4724	12.000	100	30	
91680	91040	91140	91360	.5000	1/2"	12.700	4"	1"
91682	91050	91170	91370	.5512	14.000	100	30	
91684	91060	91180	91380	.5625	9/16"	14.287	4"	1"
91686	91070	91190	91390	.6250	5/8"	15.875	5"	1"
91688	91080	91200	91400	.6299	16.000	125	30	
91690	91090	91210	91410	.7087	18.000	125	30	
91692	91150	91220	91420	.7500	3/4"	19.050	5"	1"
91694	91160	91230	91430	.7874	20.000	125	30	



整体硬质合金钻头 不建议在车床, 或工具必须纺纱
 钻中心孔用途 柄部公差: -0.0025 / -0.0100mm (-.0001"-.0004")
 60° 镗孔夹角

EDP #	No.	d_1^{\dagger} Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Drill Length	
		Decimal	Metric				
58030	1	.0469	3/64"	1.191	1/8"	1-1/2"	.0469
58040	2	.0781	5/64"	1.984	3/16"	2"	.0781
58050	3	.1094	7/64"	2.779	1/4"	2"	.1094
58060	4	.1250	1/8"	3.175	5/16"	2-1/8"	.1250
58070	5	.1875	3/16"	4.763	7/16"	2-3/4"	.1875
58080	6	.2188	7/32"	5.558	1/2"	3"	.2188
58090	7	.2500	1/4"	6.350	5/8"	3-1/8"	.2500
58100	8	.3125	5/16"	7.938	3/4"	3-3/8"	.3125

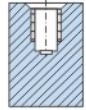
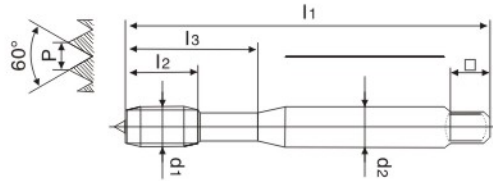
日規螺旋鍍鈦絲攻

螺旋絲攻适用于盲孔(如右图)攻牙

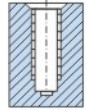
最适合攻牙工件: 1200N/mm²钢材、V2A(314)不锈钢、高速钢。

可适合攻牙工件: 铸铁、铝、铝合金、铜、铜合金。

倒角牙: 2-3牙; 切削速度: 20~30米/分。



2xd孔深



3xd孔深

尺寸 d*p	全长 l ₁	刃长 l ₂	沟长 l ₃	柄径 d ₂	方头	下孔径
M&MF SFT-TIN						
M2*0.4	40	6	12	3	2.5	1.65
M2.5*0.45	44	6	14	3	2.5	2.05
M3*0.5	46	5	18	4	3.2	2.50
M4*0.7	52	7	21	5	4	3.30
M5*0.8	60	8	25	5.5	4.5	4.20
M6*1.0	62	10	30	6	4.5	5.00
MF6*0.75	62	8	30	6	4.5	5.20
M7*1.0	65	10	30	6.2	5	6.00
M8*1.25	70	13	35	6.2	5	6.80
MF8*1.0	70	10	35	6.2	5	7.00
M10*1.5	75	15	39	7	5.5	8.5
MF10*1.25	75	15	39	7	5.5	8.8
MF10*1.0	75	15	39	7	5.5	9.0
M12*1.75	82	18	42	8.5	6.5	10.2
MF12*1.5	82	15	42	8.5	6.5	10.5
MF12*1.25	82	15	40	8.5	6.5	10.8
M14*2.0	88	20	46	10.5	8	12.0
MF14*1.5	88	15	46	10.5	8	12.5
M16*2.0	95	20	50	12.5	10	14.0
MF16*1.5	95	20	50	12.5	10	14.5
M18*2.5	100	25	55	14	11	15.5
MF18*1.5	100	25	55	14	11	16.5
M20*2.5	105	25	53	15	12	17.5
MF20*1.5	105	25	53	15	12	18.5
M22*2.5	115	25	65	17	13	19.5
MF22*1.5	115	25	65	17	13	20.5
M24*3.0	120	30	70	19	15	21.0
MF24*1.5	120	30	70	19	15	22.0
M27*3.0	130	30	71	20	15	21.0
M30*3.5	135	37	78	23	17	26.5
M36*4.0	155	45	90	28	21	32.0
MF36*3.0	155	45	90	28	21	33.0
M39*4.0	165	40	90	30	23	35.0
M42*4.5	175	45	93	32	26	37.5
M48*5.0	185	50	98	38	29	43.0

尺寸 d*p	全长 l ₁	刃长 l ₂	沟长 l ₃	柄径 d ₂	方头	下孔径
UNC SFT-TIN						
NO.4-40	44	6	18	3	2.5	2.35
6-32	48	7	20	4	3.2	2.85
8-32	52	8	21	5	4	3.35
10-24	60	9	25	5.5	4.5	3.90
12-24	60	11	30	5.5	4.5	4.50
1/4-20	62	11	30	6	4.5	5.10
5/16-18	70	12	35	6.1	5	6.60
3/8-16	75	14	39	7	5.5	8.00
7/16-14	80	16	40	8	6	9.40
1/2-13	85	18	41	9	7	10.80
UNF SFT-TIN						
NO.4-48	44	6	18	3	2.5	2.40
6-40	48	7	20	4	3.2	2.95
8-36	52	8	21	5	4	3.50
10-32	60	9	25	5.5	4.5	4.10
12-28	60	11	30	5.5	4.5	4.60
1/4-28	62	11	30	6	4.5	5.50
5/16-24	70	12	35	6.1	5	6.90
3/8-24	75	14	39	7	5.5	8.50
7/16-20	80	16	40	8	6	9.90
1/2-20	85	18	41	9	7	11.50
WHITWORTH SFT-TIN						
W1/8-40	46	7	20	4	3.2	2.35
W5/32-32	52	8	21	5	4	3.17
W3/16-24	60	9	25	5.5	4.5	3.90
W1/4-20	62	11	30	6	4.5	5.10
W5/16-18	70	11	35	6.1	5	6.60
W3/8-16	75	12	39	7	5.5	8.00
W7/16-14	80	16	40	8	6	9.40
1/2-12	85	17	41	9	7	10.60
W9/13-12	90	18	41	10.5	8	12.20
W5/8-11	95	20	48	12	9	13.50
W3/4-10	105	24	50	14	11	16.50
W7/8-9	115	24	50	17	13	19.50
W1-8	125	28	56	20	15	22.50

特殊规格, 欢迎来电或传真咨询。

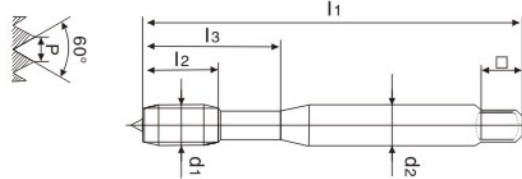
日規先端鍍鈦絲攻

先端丝攻适用于通孔(如右图)攻牙

最适合攻牙工件: 1200N/mm²钢材、V2A(314)不锈钢、高速钢。

可适合攻牙工件: 铸铁、铝、铝合金、铜、铜合金。

倒角牙: 4-5牙; 切削速度: 20~30米/分。

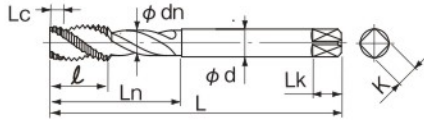


尺寸 d*p	全长 l ₁	刃长 l ₂	沟长 l ₃	柄径 d ₂	方头	下孔径
M&MF POT-TIN						
M2*0.4	40	8	12	3	2.5	1.6
M2.5*0.45	44	8	12	3	2.5	2.05
M3*0.5	46	12	18	4	3.2	2.5
M4*0.7	52	15	21	5	4	3.3
M5*0.8	60	18	25	5.5	4.5	4.2
M6*1.0	62	21	30	6	4.5	5.0
MF6*0.75	62	21	30	6	4.5	5.2
M7*1.0	65	21	30	6.2	5	6.0
M8*1.25	70	22	35	6.2	5	6.8
MF8*1.0	70	22	35	6.2	5	7.0
M10*1.5	75	24	39	7	5.5	8.5
MF10*1.25	75	24	39	7	5.5	8.8
MF10*1.0	75	24	39	7	5.5	9.0
M12*1.75	82	29	42	8.5	6.5	10.2
MF12*1.5	82	29	42	8.5	6.5	10.5
MF12*1.25	82	29	40	8.5	6.5	10.8
M14*2.0	88	30	46	10.5	8	12
MF14*1.5	88	30	46	10.5	8	12.5
M16*2.0	95	30	50	12.5	10	14
MF16*1.5	95	30	50	12.5	10	14.5
M18*2.5	105	35	53	15	11	15.5
MF18*1.5	105	35	53	15	11	16.5
M20*2.5	115	37	65	17	12	17.5
MF20*1.5	115	37	65	17	12	18.5
M22*2.5	120	55	70	19	13	19.5
MF22*1.5	120	55	70	19	13	20.5
M24*3.0	120	58	70	19	15	21.0
MF24*1.5	120	58	70	19	15	22.5
M27*3.0	130	45	71	20	15	24.0
M30*3.5	135	37	78	23	17	26.5
M36*4.0	155	45	90	28	21	32.0
MF36*3.0	155	45	90	28	21	33.0
M39*4.0	165	40	90	30	23	35.0
M42*4.5	175	45	93	32	26	37.5
M48*5.0	185	50	98	38	29	43.0

尺寸 d*p	全长 l ₁	刃长 l ₂	沟长 l ₃	柄径 d ₂	方头	下孔径
UNC POT-TIN						
NO.4-40	44	6	18	3	2.5	2.35
6-32	48	7	20	4	3.2	2.85
8-32	52	8	21	5	4	3.35
10-24	60	9	25	5.5	4.5	3.90
12-24	60	11	30	5.5	4.5	4.50
1/4-20	62	11	30	6	4.5	5.10
5/16-18	70	12	35	6.1	5	6.60
3/8-16	75	14	39	7	5.5	8.00
7/16-14	80	16	40	8	6	9.40
1/2-13	85	18	41	9	7	10.80
UNF POT-TIN						
NO.4-48	44	6	18	3	2.5	2.40
6-40	48	7	20	4	3.2	2.95
8-36	52	8	21	5	4	3.50
10-32	60	9	25	5.5	4.5	4.10
12-28	60	11	30	5.5	4.5	4.60
1/4-28	62	11	30	6	4.5	5.50
5/16-24	70	12	35	6.1	5	6.90
3/8-24	75	14	39	7	5.5	8.50
7/16-20	80	16	40	8	6	9.90
1/2-20	85	18	41	9	7	11.50
WHITWORTH POT-TIN						
W1/8-40	46	7	20	4	3.2	2.35
W5/32-32	52	8	21	5	4	3.17
W3/16-24	60	9	25	5.5	4.5	3.90
W1/4-20	62	11	30	6	4.5	5.10
W5/16-18	70	11	35	6.1	5	6.60
W3/8-16	75	12	39	7	5.5	8.00
W7/16-14	80	16	40	8	6	9.40
1/2-12	85	17	41	9	7	10.60
W9/16-12	90	18	41	10.5	8	12.20
W5/8-11	95	20	48	12	9	13.50
W3/4-10	105	24	50	14	11	16.50
W7/8-9	115	24	50	17	13	19.50
W1-8	125	28	56	20	15	22.50

特殊规格, 欢迎来电或传真咨询。

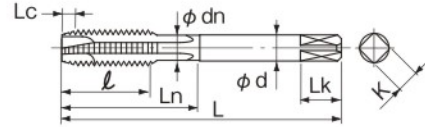
G 螺旋型絲錐



切屑排出色优异，可进行盲孔的高速、高效率螺纹加工。 单位 (Unit): mm

使用丝锥 Thread Size	切入 (P) Lc (P)	等级 TAP Limit	全长 L	螺纹部长度 ℓ	槽数 Flutes	头下长度 Ln
M2.6 X 0.45	2.5	G3	44	9.5	3	-
M3 X 0.5	2.5	G5	46	3.5	3	18
M4 X 0.7	2.5	G5	52	4.9	3	20
M5 X 0.8	2.5	G5	60	5.6	3	22
M6 X 1	2.5	G5	62	7	3	24
M8 X 1.25	2.5	G7	70	8.75	3	34
M8 X 1	2.5	G7	70	8.75	3	34
M10 X 1.5	2.5	G7	75	10.5	3	39
M10 X 1.25	2.5	G7	75	10.5	3	39
M10 X 1	2.5	G7	75	10.5	3	39
M12 X 1.75	2.5	G8	82	12.25	3	44
M12 X 1.5	2.5	G8	82	12.25	3	44
M12 X 1.25	2.5	G8	82	12.25	3	44
M14 X 2	2.5	G8	88	14	3	45
M14 X 1.5	2.5	G8	88	14	3	45
M16 X 2	2.5	G8	95	14	3	47
M16 X 1.5	2.5	G8	95	14	3	47
M18 X 2.5	2.5	G9	100	17.5	3	52
M18 X 1.5	2.5	G9	100	17.5	3	52
M20 X 2.5	2.5	G9	105	17.5	4	54
M20 X 1.5	2.5	G9	105	17.5	4	54
M22 X 2.5	2.5	G9	115	17.5	4	55
M24 X 3	2.5	G9	120	21	4	62

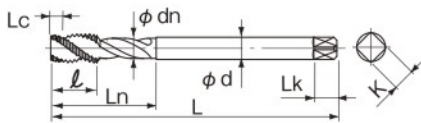
G 螺尖絲錐



可进行从普通钢材到难切削材料的通孔的高速、高效率螺纹加工。 单位 (Unit): mm

使用丝锥 Thread Size	切入 (P) Lc (P)	等级 TAP Limit	全长 L	螺纹部长度 ℓ	槽数 Flutes	头下长度 Ln
M2.6 X 0.45	5	G3	44	9.5	2	-
M3 X 0.5	5	G5	46	11	3	18
M4 X 0.7	5	G5	52	13	3	21
M5 X 0.8	5	G5	60	16	3	25
M6 X 1	5	G5	62	19	3	30
M8 X 1.25	5	G6	70	22	3	-
M8 X 1	5	G6	70	22	3	-
M10 X 1.5	5	G6	75	24	3	-
M10 X 1.25	5	G6	75	24	3	-
M10 X 1	5	G6	75	24	3	-
M12 X 1.75	5	G7	82	29	3	-
M12 X 1.5	5	G7	82	29	3	-
M12 X 1.25	5	G7	82	29	3	-
M14 X 2	5	G7	88	30	3	-
M14 X 1.5	5	G7	88	30	3	-
M16 X 2	5	G7	95	32	3	-
M16 X 1.5	5	G7	95	32	3	-
M18 X 2.5	5	G8	100	37	3	-
M18 X 1.5	5	G8	100	37	3	-
M20 X 2.5	5	G8	105	37	3	-
M20 X 1.5	5	G8	105	37	3	-
M22 X 2.5	5	G8	115	38	3	-
M24 X 3	5	G8	120	45	3	-

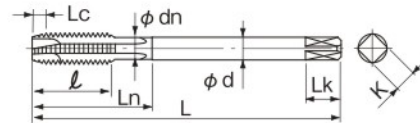
G 螺旋型絲錐長柄型



与标准尺寸相比，可用于突出长度不足之类的场合。 单位 (Unit): mm

全长 L	使用丝锥 Thread Size	切入 (P) Lc (P)	等级 TAP Limit	螺纹部长度 ℓ	槽数 Flutes	头下长度 Ln
100	M3 X 0.5	2.5	G6	3.5	3	18
100	M4 X 0.7	2.5	G6	4.9	3	20
100	M5 X 0.8	2.5	G6	5.6	3	22
120	M5 X 0.8	2.5	G6	5.6	3	22
100	M6 X 1	2.5	G6	7	3	24
120	M6 X 1	2.5	G6	7	3	24
100	M8 X 1.25	2.5	G7	8.75	3	34
120	M8 X 1.25	2.5	G7	8.75	3	34
150	M8 X 1.25	2.5	G7	8.75	3	34
100	M8 X 1	2.5	G7	8.75	3	34
120	M8 X 1	2.5	G7	8.75	3	34
150	M8 X 1	2.5	G7	8.75	3	34
100	M10 X 1.5	2.5	G7	10.5	3	39
120	M10 X 1.5	2.5	G7	10.5	3	39
150	M10 X 1.5	2.5	G7	10.5	3	39
100	M10 X 1.25	2.5	G7	10.5	3	39
120	M10 X 1.25	2.5	G7	10.5	3	39
150	M10 X 1.25	2.5	G7	10.5	3	39
100	M12 X 1.75	2.5	G8	12.25	3	44
150	M12 X 1.75	2.5	G8	12.25	3	44
100	M12 X 1.5	2.5	G8	12.25	3	44
150	M12 X 1.5	2.5	G8	12.25	3	44
150	M14 X 2	2.5	G8	14	3	45
150	M16 X 2	2.5	G8	14	3	47

G 螺尖絲錐長柄型



与标准尺寸相比，可用于突出长度不足之类的场合。 单位 (Unit): mm

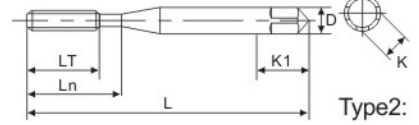
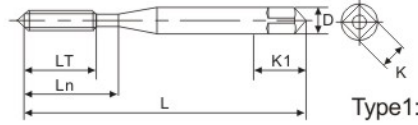
全长 L	使用丝锥 Thread Size	切入 (P) Lc (P)	等级 TAP Limit	螺纹部长度 ℓ	槽数 Flutes	头下长度 Ln
100	M3 X 0.5	5	G5	11	3	18
100	M4 X 0.7	5	G5	13	3	20
100	M5 X 0.8	5	G5	16	3	22
120	M5 X 0.8	5	G5	16	3	22
100	M6 X 1	5	G5	19	3	24
120	M6 X 1	5	G5	19	3	24
100	M8 X 1.25	5	G6	22	3	-
120	M8 X 1.25	5	G6	22	3	-
150	M8 X 1.25	5	G6	22	3	-
100	M8 X 1	5	G6	22	3	-
120	M8 X 1	5	G6	22	3	-
150	M8 X 1	5	G6	22	3	-
100	M10 X 1.5	5	G6	24	3	-
120	M10 X 1.5	5	G6	24	3	-
150	M10 X 1.5	5	G6	24	3	-
100	M10 X 1.25	5	G6	24	3	-
120	M10 X 1.25	5	G6	24	3	-
150	M10 X 1.25	5	G6	24	3	-
100	M12 X 1.75	5	G7	29	3	-
150	M12 X 1.75	5	G7	29	3	-
100	M12 X 1.5	5	G7	29	3	-
150	M12 X 1.5	5	G7	29	3	-
150	M14 X 2	5	G7	30	3	-
150	M16 X 2	5	G7	32	3	-

有色金屬用擠壓絲錐



▶ 適用於銅，鋁，鎂，鋅，有色金屬和不銹鋼的加工。

▶ 有效的長時間的高速加工。



Unit: mm

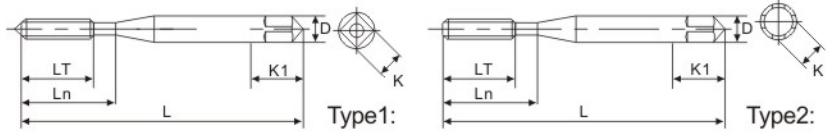
Unit: mm

Thread Size 螺紋尺寸	Class 精度	R	L	LT	Ln	D	K	K1	Type						
M 1x0.25	G4	P	32	6.0	7.0	3	2.5	5	1						
		B							2						
	P	1													
B	2														
G5	P	1													
	B	2													
M1.2x0.25	G4	P	32	6.0	8.0	3	2.5	5	1						
		B							2						
	P	1													
B	2														
G5	P	1													
	B	2													
M1.4x0.3	G4	P	36	6.5	9.0	3	2.5	5	1						
		B							2						
	P	1													
B	2														
G5	P	1													
	B	2													
M1.6x0.35	G4	P	36	7.0	10.0	3	2.5	5	1						
		B							2						
	P	1													
	B	2													
	G5	P							1						
		B							2						
G6	P	2													
	B	2													
M1.7x0.35	G4	P	36	8.0	11.0	3	2.5	5	1						
		B							2						
	P	1													
	B	2													
	G5	P							1						
		B							2						
G6	P	1													
	B	2													
M1.8x0.35	G4	P	36	8.0	11.0	3	2.5	5	1						
		B							2						
	P	1													
B	2														
G5	P	1													
	B	2													
M2x0.4	G4	P	42	9.0	12.0	4	2.5	5	1						
		B							2						
G5	P	1													
	B	2													
M2x0.4	G5	P							42	9.0	12.0	3	2.5	5	2
		B													1
G6	P	1													
	B	2													
M2x0.4	G6	P	42	9.0	12.0	3	2.5	5							2
		B													1
M2x0.25	G4	P							42	9.0	12.0	3	2.5	5	1
		B													2
	P	1													
G5	B	2													
	P	1													
M2.2x0.45	G5	P	42	10.0	13.0	3	2.5	5							1
		B							2						
	P	1													
G6	B	2													
	P	1													
M2.3x0.4	G4	P							42	10.0	13.0	3	2.5	5	1
		B	2												
	P	1													
	B	2													
	G5	P	1												
		B	2												
G6	P	1													
	B	2													
M2.5x0.45	G5	P	42	11.0	14.0	3	2.5	5	1						
		B							2						
	P	1													
G6	B	2													
	P	1													
M2.5x0.35	G5	P							44	11.0	14.0	3	2.5	5	1
		B	2												
	P	1													
G6	B	2													
	P	1													
M2.6x0.45	G5	P	44	11.0	14.0	3	2.5	5							1
		B							2						
	P	1													
G6	B	2													
	P	1													
M2.6x0.35	G5	P							44	11.0	14.0	3	2.5	5	1
		B	2												
	P	1													
G6	B	2													
	P	1													
M3x0.5	G5	P	46	9.0	18.0	4	3.2	6							1
		B							2						

Thread Size 螺紋尺寸	Class 精度	R	L	LT	Ln	D	K	K1	Type						
M3x0.5	G6	P	46	9.0	18.0	4	3.2	6	1						
		B							2						
	P	1													
G7	B	2													
	P	1													
M3x0.35	G5	P							46	9.0	18.0	4	3.2	6	1
		B	2												
	P	1													
G6	B	2													
	P	1													
M3.5x0.6	G5	P	48	9.0	18.0	4	3.2	6							1
		B							2						
	P	1													
	B	2													
	G6	P							1						
		B							2						
M3.5x0.35	G5	P	48	9.0	18.0	4	3.2	6	1						
		B							2						
	P	1													
G6	B	2													
	P	1													
M4x0.7	G6	P							52	10.0	20.0	5	4	7	1
		B	2												
	P	1													
	B	2													
	G7	P	1												
		B	2												
G8	P	1													
	B	2													
M4x0.5	G6	P	52	10.0	20.0	5	4	7	1						
		B							2						
	P	1													
G7	B	2													
	P	1													
M5x0.8	G6	P							60	11.0	22.0	5.5	4.5	7	1
		B	2												
	P	1													
G7	B	2													
	P	1													
M5x0.8	G8	P	60	11.0	22.0	5.5	4.5	7							1
		B							2						
	P	1													
G6	B	2													
	P	1													
M5x0.5	G6	P							55	11.0	22.0	5.5	4.5	7	1
		B	2												
	P	1													
G7	B	2													
	P	1													
M6x1	G6	P	62	12.0	24.0	6	4.5	7							1
		B							2						
	P	1													
	B	2													
	G8	P							1						
		B							2						
M6x0.75	G6	P	62	12.0	24.0	6	4.5	7	1						
		B							2						
	P	1													
G7	B	2													
	P	1													
M7x1	G6	P							65	13.0	26.0	6.2	5	8	1
		B	2												
	P	1													
	B	2													
	G7	P	1												
		B	2												
G8	P	1													
	B	2													
M7x0.75	G7	P	65	13.0	26.0	6.2	5	8	1						
		B							2						
M8x1.25	G7	P							70			6.2	5	8	1
		B													2
M8x1	G7	P	70			6.2	5	8							1
		B													2
M8x0.75	G7	P							70			6.2	5	8	1
		B													2

有色金屬用擠壓絲錐

▶ 適用於鋼，鋁，鎂，鋅，有色金屬和不銹鋼的加工。 ▶ 有效的長時間的高速加工。



Unit: mm

尺寸	Basic Major Dia.	Class 精度	R	L	LT	Ln	D	K	K1	Type
No.0-80UNF	1.524	G4	P	36	8.0	10	3	2.5	5	1
			B							2
No.1-64UNC	1.854	G5	P	36	8.0	10	3	2.5	5	1
			B							2
No.1-72UNF	1.854	G6	P	36	8.0	10	3	2.5	5	1
			B							2
No.2-56UNC	2.184	G4	P	42	10	13	3	2.5	5	1
			B							2
		G5	P							1
			B							2
		G6	P							1
			B							2
No.2-64UNF	2.184	G5	P	42	10	13	3	2.5	5	1
			B							2
No.3-48UNC	2.515	G5	P	44	11	14	3	2.5	5	1
			B							2
		G6	P							1
			B							2
		G5	P							1
			B							2
No.3-56UNF	2.515	G6	P	44	11	14	3	2.5	5	1
			B							2

Unit: mm

尺寸	Basic Major Dia.	Class 精度	R	L	LT	Ln	D	K	K1	Type
No.3-56UNF	2.515	G5	B	44	11	14	3	2.5	5	2
			P							1
No.4-40UNC	2.845	G5	P	44	12	15	3	2.5	5	1
			B							2
		G6	P							1
			B							2
		G7	P							1
			B							2
No.4-48UNF	2.845	G5	P	44	12	15	3	2.5	5	1
			B							2
No.5-40UNC	3.175	G5	P	46	9	18	4	3.2	6	1
			B							2
No.5-44UNF	3.175	G5	P	46	9	18	4	3.2	6	1
			B							2
No.6-32UNC	3.505	G5	P	48	9	18	4	3.2	6	1
			B							2

Unit: mm

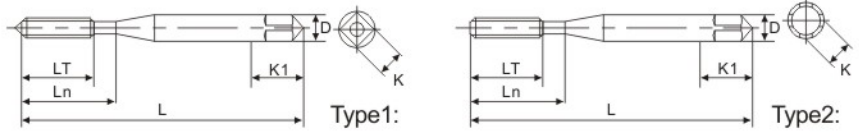
尺寸	Basic Major Dia.	Class 精度	R	L	LT	Ln	D	K	K1	Type
No.6-32UNC	3.505	G7	P	48	9	18	4	3.2	6	1
			B							2
No.6-40UNF	3.505	G5	P	48	9	18	4	3.2	6	1
			B							2
		G6	P							1
			B							2
		G7	P							1
			B							2
No.8-32UNC	4.166	G6	P	52	10	20	5	4	7	1
			B							2
		G7	P							1
			B							2
		G8	P							1
			B							2
No.8-36UNF	4.166	G5	P	52	10	20	5	4	7	1
			B							2
		G6	P							1
			B							2
		G7	P							1
			B							2
No.10-24UNC	4.826	G6	P	60	11	22	5.5	4.5	7	1
			B							2
		G7	P							1
			B							2
No.10-32UNF	4.826	G6	P	60	11	22	5.5	4.5	7	1
			B							2

Unit: mm

尺寸	Basic Major Dia.	Class 精度	R	L	LT	Ln	D	K	K1	Type
No.10-32UNF	4.826	G7	B	48	9	18	4	3.2	6	2
			P							1
No.12-14UNC	5.486	G6	P	60	11	22	5.5	4.5	7	1
			B							2
		G7	P							1
			B							2
No.12-28UNF	5.486	G6	P	60	11	22	5.5	4.5	7	1
			B							2
		G7	P							1
			B							2
1/4-20UNC	6.350	G6	P	62	14	24	6	4.5	7	1
			B							2
		G7	P							1
			B							2
		G8	P							1
			B							2
1/4-28UNF	6.350	G6	P	62	14	24	6	4.5	7	1
			B							2
		G7	P							1
			B							2
		G8	P							1
			B							2

長柄有色金屬用擠壓絲錐

▶ 適用於銅，鋁，鎂，鋅，有色金屬和不銹鋼的加工。 ▶ 有效的長時間的高速加工。



Unit: mm

Unit: mm

Thread Size 螺紋尺寸	Class 精度	R	L	LT	Ln	D	K	K1	Type							
M2x0.4	G4	P	80	8	10	3	2.5	5	1							
		B							2							
	G5	P							1							
		B							2							
	G6	P							1							
		B							2							
	G4	P	100	8	10	3	2.5	5	1							
		B							2							
		G5							P	1						
									B	2						
		G6							P	1						
									B	2						
M2.5x0.45	G5	P	80	8	10	3	2.5	5	1							
		B							2							
	G6	P							1							
		B							2							
	G5	P							100	8	10	3	2.5	5	1	
		B													2	
	G6	P	1													
		B	2													
	G5	P	80	8	10	3	2.5	5							1	
		B													2	
		G6							P	1						
									B	2						
G5		P							100	8	10	3	2.5	5	1	
		B													2	
	G6	P	1													
		B	2													
	M2.6x0.45	G5	P	80	8	10	3	2.5							5	1
			B													2
G6		P	1													
		B	2													
G5		P	100						8	10	3	2.5	5	1		
		B												2		
G6		P		1												
		B		2												
G5		P		80	8	10	3	2.5						5	1	
		B													2	
		G6	P						1							
			B						2							
	G5	P	100						8	10	3	2.5	5		1	
		B													2	
G6		P		1												
		B		2												
M3x0.5		G5		P	80	8	10	3						2.5	5	1
				B												2
	G6	P	1													
		B	2													
	G5	P	100	8					10	3	2.5	5	1			
		B											2			
	G6	P			1											
		B			2											

Thread Size 螺紋尺寸	Class 精度	R	L	LT	Ln	D	K	K1	Type						
M3x0.5	G6	P	100	8	10	3	2.5	5	1						
		B							2						
M4x0.7	G6	P	80	13	10	5	4	7	1						
		B							2						
	G7	P							1						
		B							2						
	G6	P							100	13	10	5	4	7	1
		B													2
	G7	P	1												
		B	2												
	G6	P	100	16	10	5.5	4.5	7							1
		B													2
	M5x0.8	G7	P	100	19	10	6	4.5	7	1					
			B							2					
G8		P	1												
		B	2												
G7		P	150							19	10	6	4.5	7	1
		B													2
G8		P		1											
		B		2											
G7		P		100	18	10	6.2	5	8						1
		B													2
G7		P	150	18	10	6.2	5	8	1						
		B							2						
M8x1.25	G7	P							100	21	10	7	5.5	8	1
		B													2
	G7	P													1
		B													2
	G7	P	150	21	10	7	5.5	8							1
		B													2
	G7	P							1						
		B							2						
	G7	P							100	21	10	7	5.5	8	1
		B													2
	G7	P	150	21	10	7	5.5	8	1						
		B							2						
G7	P	1													
	B	2													

鋁合金專用螺旋絲攻

公制牙(M.MF)

- § 螺絲攻精度等級: YAMAWA P級
- § 螺絲攻材質: HSS-E
- § 切刃吃入部牙數: 1.5牙 . 2.5牙
- § 表面處理: 窒化處理
- § 適用被削材: 鋁壓鑄合金. 鋁鑄材等...

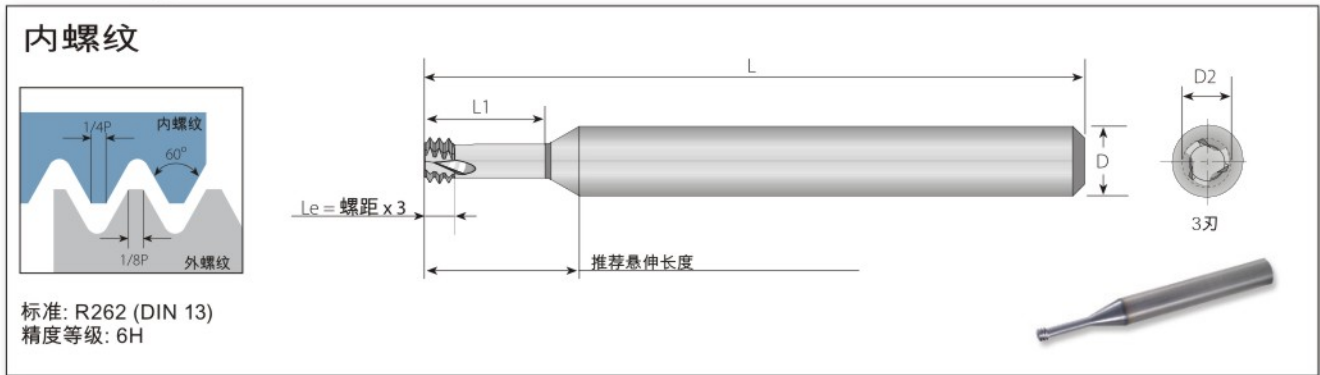


规格	精度	R	AL+SP	AL-SP
			單價	
M 2 X 0.4	P2	B	213	194
M 2.3 X 0.4	P2	C	205	186
M 2.5 X 0.45	P2	B	167	152
M 2.6 X 0.45	P2	B	146	133
M 3 X 0.5	P2	B	118	107
M 3.5 X 0.6	P2	C	134	122
M 4 X 0.7	P3	B	113	103

规格	精度	R	AL+SP	AL-SP
			單價	
M 5 X 0.8	P3	B	116	105
M 6 X 1	P3	B	124	113
M 8 X 1.25	P3	B		160
M 10 X 1.5	P3	B		209
M 12 X 1.75	P3	B		293
M 14 X 2	P3	C		421
M 16 X 2	P3	C		556

ISO公制

MilliPro



标准: R262 (DIN 13)
精度等级: 6H

MilliPro

微小螺纹铣刀

2 x Do (L1 ≤ 2 x 螺纹直径)

螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
M粗牙	M细牙	mm	内螺纹	D	D2	L	L1	Z	Zt	mm
M1.6x0.35		0.35	D3T03012L034-I0.35ISO TM...	3	1.20	30	3.4	3	3	1.25
M2x0.4		0.4	D3T06015L042-I0.4ISO TM...	6	1.55	57	4.2	3	3	1.6
M2.2x0.45		0.45	D3T06016L046-I0.45ISO TM...	6	1.65	57	4.6	3	3	1.75
M2.5x0.45		0.45	D3T06019L052-I0.45ISO TM...	6	1.95	57	5.2	3	3	2.05
M3x0.5	M3.5-M16x0.5	0.5	D3T06024L062-I0.5ISO TM...	6	2.40	57	6.2	3	3	2.5
M3.5x0.6		0.6	D3T06027L073-I0.6ISO TM...	6	2.75	57	7.3	3	3	2.9
M4x0.7		0.7	D3T06031L083-I0.7ISO TM...	6	3.15	57	8.3	3	3	3.3
M5x0.8		0.8	D3T06040L104-I0.8ISO TM...	6	4.05	57	10.4	3	3	4.2
M6x1.0	M8-M40x1.0	1.0	D3T06048L125-I1.0ISO TM...	6	4.80	57	12.5	3	3	5.0
M8x1.25		1.25	D3T08065L166-I1.25ISO TM...	8	6.50	63	16.6	3	3	6.8
M10x1.5	M12-M48x1.50	1.50	D3T10082L208-I1.50ISO TM...	10	8.20	73	20.8	3	3	8.5
M12x1.75		1.75	D3T10099L250-I1.75ISO TM...	10	9.90	73	25.0	3	3	10.3
M16x2.0		2.0	D3T12119L330-I2.0ISO TM...	12	11.90	83	33.0	3	3	14.0
M20x2.5		2.50	D3T16159L413-I2.5ISO TM...	16	15.90	92	41.3	3	3	17.5

MilliPro

微小螺纹铣刀

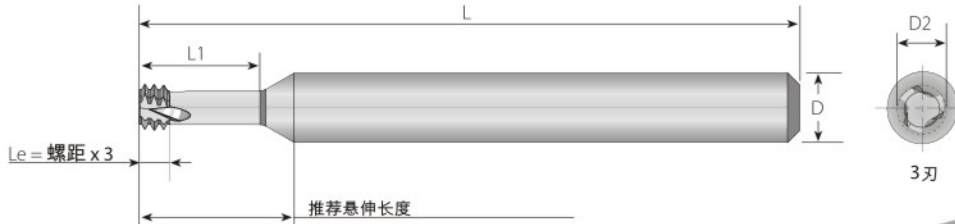
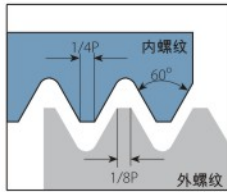
3 x Do (L1 ≤ 3 x 螺纹直径)

螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
M粗牙	M细牙	mm	内螺纹	D	D2	L	L1	Z	Zt	mm
M1.6x0.35		0.35	D3T03012L050-I0.35ISO TM...	3	1.20	30	5.0	3	3	1.25
M2x0.4		0.4	D3T03015L062-I0.4ISO TM...	3	1.55	30	6.2	3	3	1.6
M2x0.4		0.4	D3T06015L062-I0.4ISO TM...	6	1.55	57	6.2	3	3	1.6
M2.5x0.45		0.45	D3T03019L077-I0.45ISO TM...	3	1.95	30	7.7	3	3	2.05
M2.5x0.45		0.45	D3T06019L077-I0.45ISO TM...	6	1.95	57	7.7	3	3	2.05
M3x0.5	M3.5-M16x0.5	0.5	D3T03024L092-I0.5ISO TM...	3	2.40	30	9.2	3	3	2.5
M3x0.5	M3.5-M16x0.5	0.5	D3T06024L092-I0.5ISO TM...	6	2.40	57	9.2	3	3	2.5
M4x0.7		0.7	D3T06031L123-I0.7ISO TM...	6	3.15	57	12.3	3	3	3.3
M5x0.8		0.8	D3T06040L154-I0.8ISO TM...	6	4.05	57	15.4	3	3	4.2
M6x1.0	M8-M40x1.0	1.00	D3T06048L185-I1.0ISO TM...	6	4.80	57	18.5	3	3	5.0
M8x1.25		1.25	D3T08065L246-I1.25ISO TM...	8	6.50	63	24.6	3	3	6.8

美制UN

MilliPro

内螺纹



标准: ANSI B1.1:74
精度等级: 2B



MilliPro

微小螺纹铣刀

$2 \times Do$ ($L1 \leq 2 \times$ 螺纹直径)

螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
UNC	UNF	tpi	内螺纹	D	D2	L	L1	Z	Zt	mm
	No.1-72	72	D3T06014L039-I72UN TM...	6	1.45	57	3.9	3	3	1.6
No.1-64	No.2-64	64	D3T06014L042-I64UN TM...	6	1.40	57	4.2	3	3	1.5
No.2-56	No.3-56	56	D3T06016L050-I56UN TM...	6	1.65	57	5.0	3	3	1.8
No.3-48	No.4-48	48	D3T06019L060-I48UN TM...	6	1.90	57	6.0	3	3	2.1
No.4, No.5-40	No.6-40	40	D3T06021L060-I40UN TM...	6	2.10	57	6.0	3	3	2.3
No.5-40	No.6-40	40	D3T06024L072-I40UN TM...	6	2.45	57	7.2	3	3	2.6
	No.8-36	36	D3T06033L087-I36UN TM...	6	3.30	57	8.7	3	3	3.5
No.6, No.8-32	No.10-32	32	D3T06025L074-I32UN TM...	6	2.55	57	7.4	3	3	2.8
No.8-32	No.10-32	32	D3T06032L100-I32UN TM...	6	3.20	57	10.0	3	3	3.5
	1/4"x28	28	D3T06052L132-I28UN TM...	6	5.25	57	13.2	3	3	5.5
No.10-24	5/16"x24	24	D3T06035L102-I24UN TM...	6	3.58	57	10.2	3	3	3.9
	5/16"x24	24	D3T08066L165-I24UN TM...	8	6.68	63	16.5	3	3	6.9
1/4"x20	7/16"x20	20	D3T06048L134-I20UN TM...	6	4.88	57	13.4	3	3	5.2
	7/16"x20	20	D3T10095L230-I20UN TM...	10	9.55	73	23.0	3	3	9.9
3/8"x16		16	D3T08067L191-I16UN TM...	8	6.70	63	19.1	3	3	8.0
7/16"x14		14	D3T10090L233-I14UN TM...	10	9.00	73	23.3	3	3	9.4

MilliPro

微小螺纹铣刀

$3 \times Do$ ($L1 \leq 3 \times$ 螺纹直径)

螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
UNC	UNF	tpi	内螺纹	D	D2	L	L1	Z	Zt	mm
	No.1-72	72	D3T03014L057-I72UN TM...	3	1.45	30	5.75	3	3	1.6
	No.1-72	72	D3T06014L057-I72UN TM...	6	1.45	57	5.75	3	3	1.6
No.2-56	No.3-56	56	D3T03016L070-I56UN TM...	3	1.65	30	7.0	3	3	1.8
No.4, No.5-40	No.6-40	40	D3T03021L090-I40UN TM...	3	2.10	30	9.0	3	3	2.3
No.4, No.5-40	No.6-40	40	D3T06021L090-I40UN TM...	6	2.10	57	9.0	3	3	2.3
No.5-40	No.6-40	40	D3T06024L100-I40UN TM...	6	2.45	57	10.0	3	3	2.6
No.6, No.8-32	No.10-32	32	D3T03025L110-I32UN TM...	3	2.55	30	11.0	3	3	2.8
No.6, No.8-32	No.10-32	32	D3T06025L110-I32UN TM...	6	2.55	57	11.0	3	3	2.8
No.8-32	No.10-32	32	D3T06032L130-I32UN TM...	6	3.20	57	13.0	3	3	3.4
	1/4"x28	28	D3T06052L196-I28UN TM...	6	5.25	57	19.6	3	3	5.5
	5/16"x24	24	D3T08066L245-I24UN TM...	8	6.68	63	24.5	3	3	6.9
1/4"x20	7/16"x20	20	D3T06048L198-I20UN TM...	6	4.88	57	19.8	3	3	5.1

UNJ

MilliPro

内螺纹

标准: MIL-S-8879C
精度等级: 3B

MilliPro - 微小螺紋銑刀

3 x Do (L1 ≤ 3 x 螺紋直径)

螺紋		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
UNJC	UNJF	tpi	内螺纹	D	D2	L	L1	Z	Zt	mm
0.138" (#6)	0.190" (#10)	32	D3T06027L110-I32UNJ TM...	6	2.70	57	11.0	3	3	2.8
	0.250" (1/4")	28	D3T06054L195-I28UNJ TM...	6	5.40	57	19.5	3	3	5.6
0.190" (#10)		24	D3T06037L149-I24UNJ TM...	6	3.70	57	14.9	3	3	4.0
	0.3125" (5/16")	24	D3T08067L241-I24UNJ TM...	8	6.70	63	24.1	3	3	7.0
0.250" (1/4")		20	D3T06050L195-I20UNJ TM...	6	5.00	57	19.5	3	3	5.3
	0.4375" (7/16")	20	D3T10096L335-I20UNJ TM...	10	9.60	73	33.5	3	3	10.0
0.3125" (5/16")	0.5625" (9/16")	18	D3T08064L241-I18UNJ TM...	8	6.40	63	24.1	3	3	6.75
0.375" (3/8")	0.750" (3/4")	16	D3T08077L290-I16UNJ TM...	8	7.70	63	29.0	3	3	8.1
0.4375" (7/16")	0.875" (7/8")	14	D3T10092L335-I14UNJ TM...	10	9.20	73	33.5	3	3	9.5
0.500" (1/2")		13	D3T10099L385-I13UNJ TM...	10	9.90	73	38.5	3	3	11.0

MJ

MilliPro

内螺纹

标准: ISO 5855
精度等级: 4h/6h-4H/5H

MilliPro - 微小螺紋銑刀

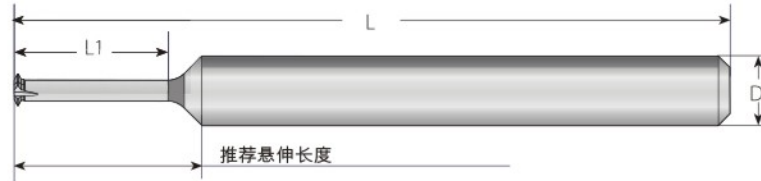
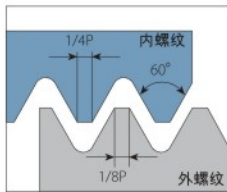
3 x Do (L1 ≤ 3 x 螺紋直径)

螺紋		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸	
标准	mm		内螺纹	D	D2	L	L1	Z	Zt	mm
MJ3x0.5	0.5		D3T06024L092-I0.5MJ TM...	6	2.40	57	9.2	3	3	2.6
MJ3.5x0.6	0.6		D3T06028L110-I0.6MJ TM...	6	2.85	57	11.0	3	3	3.0
MJ4x0.7	0.7		D3T06031L123-I0.7MJ TM...	6	3.15	57	12.3	3	3	3.4
MJ5x0.8	0.8		D3T06040L154-I0.8MJ TM...	6	4.05	57	15.4	3	3	4.3
MJ6x1.0	1.0		D3T06048L185-I1.0MJ TM...	6	4.80	57	18.5	3	3	5.1
MJ8x1.25	1.25		D3T08065L246-I1.25MJ TM...	8	6.50	63	24.6	3	3	6.9
MJ10x1.5	1.50		D3T10082L308-I1.50MJ TM...	10	8.20	73	30.8	3	3	8.7
MJ12x1.75	1.75		D3T10099L370-I1.75MJ TM...	10	9.90	73	37.0	3	3	10.4
MJ14x2	2.0		D3T12119L425-I2.0MJ TM...	12	11.90	83	42.5	3	3	12.25

ISO 公制

MilliPro Dental

内螺纹



标准: R262 (DIN 13)
精度等级: 6H



MilliPro Dental

牙齿移植用微小螺纹铣刀

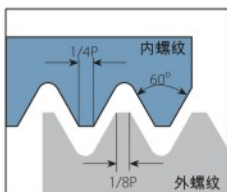
3xDo (L1 ≤ 3 × 螺纹直径)

螺纹	螺距	订货号	尺寸mm	槽数	齿数	底孔尺寸				
M粗牙	M细牙	内螺纹	D	D2	L	L1	Z	Zt	mm	
M1.0x0.25	M1.4x0.25	0.25	D1T03007L031-I0.25ISO TM...	3	0.70	31	3.1	3	1	0.75
M1.2x0.25	M1.4x0.25	0.25	D1T03009L038-I0.25ISO TM...	3	0.90	31	3.8	3	1	0.95
M1.4x0.3	-	0.30	D1T03011L044-I0.30ISO TM...	3	1.05	31	4.4	3	1	1.15
M1.6x0.35	-	0.35	D1T03012L050-I0.35ISO TM...	3	1.20	31	5.0	3	1	1.30
M1.8x0.35	M2.0x0.35	0.35	D1T03014L056-I0.35ISO TM...	3	1.40	31	5.6	3	1	1.50
M2.0x0.4	-	0.40	D1T03015L062-I0.40ISO TM...	3	1.50	31	6.2	3	1	1.65
M2.5x0.45	-	0.45	D1T03019L077-I0.45ISO TM...	3	1.95	31	7.7	3	1	2.10

美制UN

MilliPro Dental

内螺纹



标准: ANSI B1.1:74
精度等级: 2B



MilliPro Dental

牙齿移植用微小螺纹铣刀

3xDo (L1 ≤ 3 × 螺纹直径)

螺纹	螺距	订货号	尺寸mm	槽数	齿数	底孔尺寸			
UNF	tpi	内螺纹	D	D2	L	L1	Z	Zt	mm
0-80	80	D1T03011L046-I80UN TM...	3	1.15	31	4.6	3	1	1.30
1-72	72	D1T03014L065-I72UN T;M...	3	1.45	31	6.5	3	1	1.60

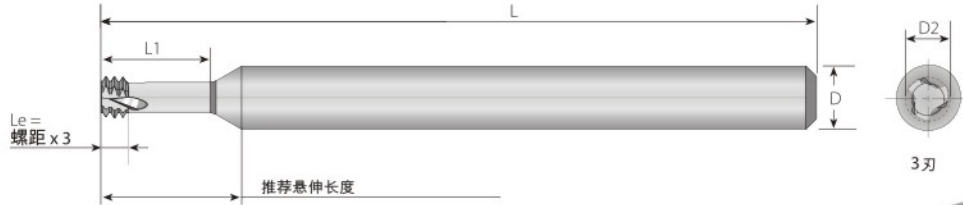
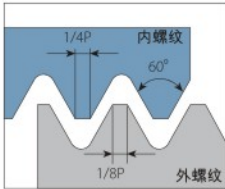
MilliPro Dental 特别为钛和不锈钢加工设计。

MilliPro Dental D1T 也适用于一般的加工要求。

ISO公制

MilliPro EL

内螺纹



标准: R262 (DIN 13)
精度等级: 6H

MilliPro EL

微小螺纹铣削, 超长刀具

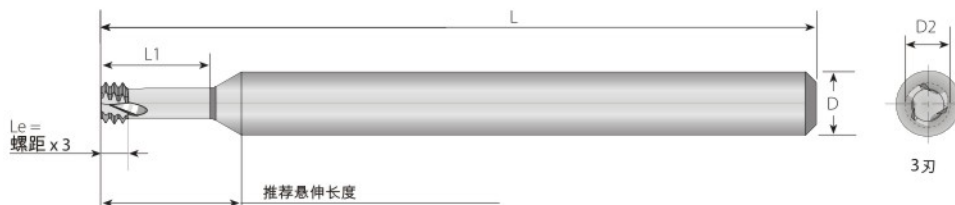
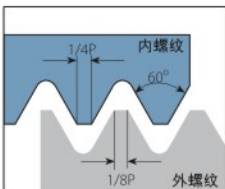
$2 \times D_o$ ($L1 \leq 2 \times$ 螺纹直径)

螺纹		螺距	订货号	尺寸mm				槽数	齿数	底孔尺寸*
M粗牙	M细牙	mm	内螺纹	D	D2	L	L1	Z	Zt	mm
M2x0.4		0.4	D3T06015L042-10.4ISO TML...	6	1.55	100	4.2	3	3	1.6
M2.5x0.45		0.45	D3T06019L052-10.45ISO TML...	6	1.95	100	5.2	3	3	2.05
M3x0.5	M3.5-M16x0.5	0.5	D3T06024L062-10.5ISO TML...	6	2.40	100	6.2	3	3	2.5

美制UN

MilliPro EL

内螺纹



标准: ANSI B1.1:74
精度等级: 2B

MilliPro EL

微小螺纹铣削, 超长刀具

$2 \times D_o$ ($L1 \leq 2 \times$ 螺纹直径)

螺纹		螺距	订货号	尺寸mm				槽数	齿数	底孔尺寸*
UNC	UNF	tpi	内螺纹	D	D2	L	L1	Z	Zt	mm
No.2-56	No.3-56	56	D3T06016L050-156UN TML...	6	1.65	100	5.0	3	3	1.8
No.4, No.5-40	No.6-40	40	D3T06021L060-140UN TML...	6	2.10	100	6.0	3	3	2.3
No.6, No.8-32	No.10-32	32	D3T06025L074-132UN TML...	6	2.55	100	7.4	3	3	2.8
No.8-32	No.10-32	32	D3T06032L100-132UN TML...	6	3.20	100	10.0	3	3	3.4

ISO公制

MilliPro HD

内螺纹

标准: R262 (DIN 13)
精度等级: 6H

推荐悬伸长度

4-6刃

左旋刀具

MilliPro HD

硬材料的微小螺纹铣削,加工硬度可达62HRC

$2 \times D_o$ ($L1 \leq 2 \times$ 螺纹直径)

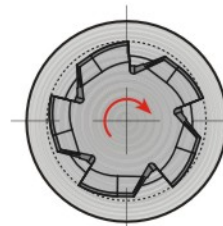
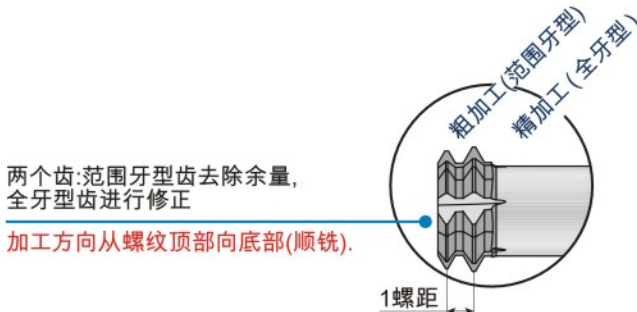
螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
M粗牙	M细牙	mm	内螺纹	D	D2	L	L1	Zt	mm	
M2x0.4		0.4	S2L06015L042-I0.4ISO TM...	6	1.55	76	4.60	4	2	1.6
M2.2x0.45		0.45	S2L06016L046-I0.45ISO TM...	6	1.65	76	5.05	4	2	1.8
M2.5x0.45		0.45	S2L06019L052-I0.45ISO TM...	6	1.95	76	5.65	4	2	2.05
M3x0.5	M3.5-M16x0.5	0.5	S2L06024L062-I0.5ISO TM...	6	2.40	76	6.75	4	2	2.55
M3.5x0.6		0.6	S2L06027L073-I0.6ISO TM...	6	2.75	76	7.90	4	2	2.95
M4x0.7		0.7	S2L06031L083-I0.7ISO TM...	6	3.15	76	9.05	4	2	3.35
M5x0.8		0.8	S2L06040L104-I0.8ISO TM...	6	4.05	76	11.20	4	2	4.3
M6x1.0	M8-M40x1.0	1.0	S2L06048L125-I1.0ISO TM...	6	4.80	76	13.50	5	2	5.1
M8x1.25		1.25	S2L08065L166-I1.25ISO TM...	8	6.50	80	17.85	5	2	6.8
M10x1.5	M12-M48x1.50	1.50	S2L08079L208-I1.50ISO TM...	8	7.90	80	22.30	6	2	8.6
M12x1.75		1.75	S2L10099L250-I1.75ISO TM...	10	9.90	101	26.75	6	2	10.4

MilliPro HD

硬材料的微小螺纹铣削,加工硬度可达62HRC

$3 \times D_o$ ($L1 \leq 3 \times$ 螺纹直径)

螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
M粗牙	M细牙	mm	内螺纹	D	D2	L	L1	Zt	mm	
M2x0.4		0.4	S2L06015L062-I0.4ISO TM...	6	1.55	76	6.60	4	2	1.6
M2.5x0.45		0.45	S2L06019L077-I0.45ISO TM...	6	1.95	76	8.15	4	2	2.05
M3x0.5	M3.5-M16x0.5	0.5	S2L06024L092-I0.5ISO TM...	6	2.40	76	9.75	4	2	2.55
M4x0.7		0.7	S2L06031L123-I0.7ISO TM...	6	3.15	76	13.05	4	2	3.35
M5x0.8		0.8	S2L06040L154-I0.8ISO TM...	6	4.05	76	16.20	4	2	4.3
M6x1.0	M8-M40x1.0	1.0	S2L06048L185-I1.0ISO TM...	6	4.80	76	19.50	5	2	5.1
M8x1.25		1.25	S2L08065L246-I1.25ISO TM...	8	6.50	80	25.85	5	2	6.8



因为是左手刀,编程使用M04指令

美制UN

MilliPro HD

内螺纹

标准: ANSI B1.1:74
精度等级: 2B

左旋刀具

MilliPro HD

硬材料的微小螺纹铣削,加工硬度可达62HRC

2 x Do (L1 ≤ 2 x 螺纹直径)

螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
UNC	UNF	tpi	内螺纹	D	D2	L	L1	Z	Zt	mm
No.2-56	No.3-56	56	S2L06016L050-I56UN TM...	6	1.65	76	5.45	4	2	1.80
No.3-48	No.4-48	48	S2L06019L060-I48UN TM...	6	1.90	76	6.53	4	2	2.10
No.4-40, No.5-40	No.6-40	40	S2L06021L060-I40UN TM...	6	2.10	76	6.64	4	2	2.35
No.5-40	No.6-40	40	S2L06024L072-I40UN TM...	6	2.45	76	7.84	4	2	2.65
	No.8-36	36	S2L06033L087-I36UN TM...	6	3.30	76	9.41	4	2	3.55
No.6-32, No.8-32	No.10-32	32	S2L06025L074-I32UN TM...	6	2.55	76	8.20	4	2	2.85
No.8-32	No.10-32	32	S2L06032L100-I32UN TM...	6	3.20	76	10.79	4	2	3.50
	No.10-32	32	S2L06037L100-I32UN TM...	6	3.70	76	10.80	4	2	4.17
	1/4"x28	28	S2L06052L132-I28UN TM...	6	5.25	76	14.11	5	2	5.55
No.10-24	5/16"x24	24	S2L06035L102-I24UN TM...	6	3.58	76	11.26	4	2	3.90
	5/16"x24	24	S2L08066L165-I24UN TM...	8	6.68	80	17.56	5	2	7.00
1/4"-20	7/16"x20	20	S2L06048L134-I20UN TM...	6	4.88	76	14.67	5	2	5.20
	7/16"x20	20	S2L10095L230-I20UN TM...	10	9.55	101	24.27	6	2	9.90
3/8"x16		16	S2L08076L197-I16UN TM...	8	7.65	80	21.29	5	2	8.00
7/16"x14		14	S2L10090L233-I14UN TM...	10	9.00	101	25.11	6	2	9.50
1/2"x13		13	S2L10099L256-I13UN TM...	10	9.90	101	27.55	6	2	10.90

MilliPro HD

硬材料的微小螺纹铣削,加工硬度可达62HRC

3 x Do (L1 ≤ 3 x 螺纹直径)

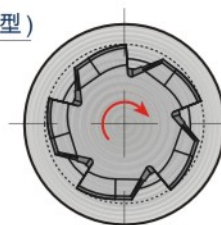
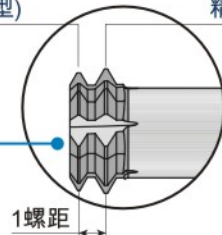
螺纹		螺距	订货号	尺寸mm			槽数	齿数	底孔尺寸*	
UNC	UNF	tpi	内螺纹	D	D2	L	L1	Z	Zt	mm
No.4-40, No.5-40	No.6-40	40	S2L06021L090-I40UN TM...	6	2.10	76	9.64	4	2	2.35
No.5-40	No.6-40	40	S2L06024L100-I40UN TM...	6	2.45	76	10.64	4	2	2.65
No.6-32, No.8-32	No.10-32	32	S2L06025L110-I32UN TM...	6	2.55	76	11.79	4	2	2.85
No.8-32	No.10-32	32	S2L06032L130-I32UN TM...	6	3.20	76	13.79	4	2	3.50
	1/4"x28	28	S2L06052L196-I28UN TM...	6	5.25	76	20.51	5	2	5.55
	5/16"x24	24	S2L08066L245-I24UN TM...	8	6.68	80	25.56	5	2	7.00
1/4"x20	7/16"x20	20	S2L06048L198-I20UN TM...	6	4.88	76	21.07	5	2	5.20
7/16"x14		14	S2L10090L335-I14UN TM...	10	9.00	101	35.31	6	2	9.50

粗加工(范围牙型)

精加工(全牙型)

两个齿:范围牙型齿去除余量,全牙型齿进行修正

加工方向从螺纹顶部到底部(顺铣).

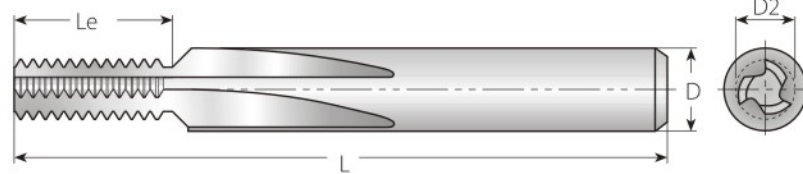
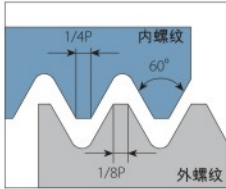


因为是左手刀,编程使用M04指令

ISO公制

直槽螺紋銑削

外螺紋 / 內螺紋



标准: R262 (DIN 13)
精度等级: 6g/6H

直槽螺紋銑削 - 外螺紋

螺紋	螺距	訂貨號	尺寸mm				槽數	齒數	
最小加工尺寸	mm	外螺紋	D	D2	L	Le	Z	Zt	h mm
M3	0.50	S06059-E0.5ISO TM...	6	5.90	57	15.0	3	30	0.31
M4.5	0.75	S08079-E0.75ISO TM...	8	7.90	63	19.5	3, 5 *	26	0.46
M6	1.00	S10099-E1.0ISO TM...	10	9.90	72	24.0	5	24	0.61
M10	1.50	S12119-E1.5ISO TM...	12	11.90	83	30.0	5	20	0.92
M14	2.00	S12119-E2.0ISO TM...	12	11.90	83	30.0	5	15	1.23
M24	3.00	S16159-E3.0ISO TM...	16	15.90	92	36.0	5	12	1.84
M36	4.00	S16159-E4.0ISO TM...	16	15.90	92	40.0	5	10	2.45
M64	6.00	S20199-E6.0ISO TM...	20	19.90	104	36.0	5	6	3.68

* 有3槽和5槽两种,在訂貨後加3或5(TM3.../TM5...)

直槽螺紋銑削 - 內螺紋

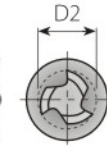
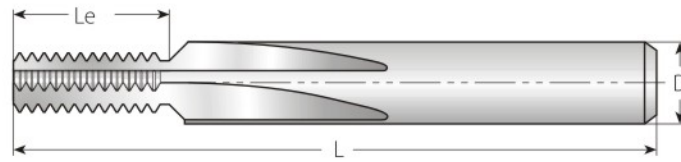
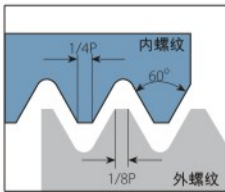
螺紋	螺距	訂貨號	尺寸mm				槽數	齒數	
最小加工尺寸	mm	內螺紋	D	D2	L	Le	Z	Zt	h mm
M4.5	0.75	S04030-I0.75ISO TM...	4	3.00	42	6.7	3	9	0.43
M8	0.75	S06059-I0.75ISO TM...	6	5.90	57	15.0	3	20	0.43
M5	0.80	S04036-I0.8ISO TM...	4	3.60	42	8.0	3	10	0.46
M6	1.00	S06040-I1.0ISO TM...	6	4.00	57	9.0	3	9	0.58
M12	1.00	S08079-I1.0ISOTM...	8	7.90	63	20.0	3, 5 *	20	0.58
M8	1.25	S06050-I1.25ISO TM...	6	5.00	57	12.5	3	10	0.72
M10	1.50	S06059-I1.5ISO TM...	6	5.90	57	15.0	3	10	0.87
M14	1.50	S10099-I1.5ISO TM...	10	9.90	72	24.0	5	16	0.87
M18	1.50	S12119-I1.5ISO TM...	12	11.90	83	30.0	5	20	0.87
M12	1.75	S08079-I1.75ISO TM...	8	7.90	63	19.2	3, 5 *	11	1.01
M16	2.00	S10099-I2.0ISO TM...	10	9.90	72	24.0	5	12	1.15
M18	2.00	S12119-I2.0ISO TM...	12	11.90	83	30.0	5	15	1.15
M20	2.50	S12119-I2.5ISO TM...	12	11.90	83	30.0	5	12	1.44
M24	3.00	S16159-I3.0ISO TM...	16	15.90	92	36.0	5	12	1.73
M30	3.50	S16159-I3.5ISO TM...	16	15.90	92	38.5	5	11	2.02
M36	4.00	S16159-I4.0ISO TM...	16	15.90	92	40.0	5	10	2.31
M48	5.00	S20199-I5.0ISO TM...	20	19.90	104	40.0	5	8	2.89
M64	6.00	S20199-I6.0ISO TM...	20	19.90	104	36.0	5	6	3.46

* 有3槽和5槽两种,在訂貨後加3或5(TM3.../TM5...)

美制UN

直槽螺紋銑削

外螺紋 / 內螺紋



标准: ANSI B1.1:74
精度等级: 2A/2B

直槽螺紋銑削 - 外螺紋

螺紋	螺距	订货号	尺寸mm				槽数	齿数	
最小加工尺寸	tpi	外螺紋	D	D2	L	Le	Z	Zt	h mm
No.6	32	S06059-E32UN TM...	6	5.90	57	14.3	3	18	0.49
No.12	28	S08079-E28UN TM...	8	7.90	63	19.9	3, 5 *	22	0.56
1/4"	20	S10099-E20UN TM...	10	9.90	72	22.9	5	18	0.78
5/16"	18	S10099-E18UN TM...	10	9.90	72	24.0	5	17	0.87
3/8"	16	S12119-E16UN TM...	12	11.90	83	28.6	5	18	0.97
9/16"	12	S12119-E12UN TM...	12	11.90	83	29.6	5	14	1.30
1"	8	S16159-E8UN TM...	16	15.90	92	38.1	5	12	1.95
1 3/8"	6	S20199-E6UN TM...	20	19.90	104	38.1	5	9	2.60

* 有3槽和5槽两种,在订货后加3或5(TM3.../TM5...)

直槽螺紋銑削 - 內螺紋

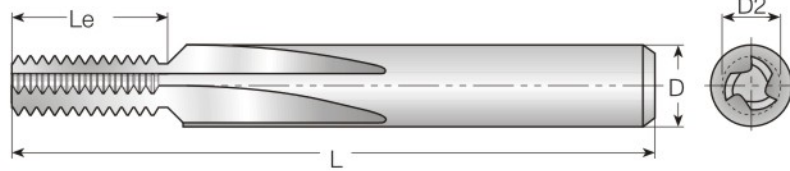
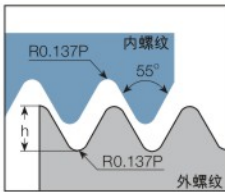
螺紋	螺距	订货号	尺寸mm				槽数	齿数	
最小加工尺寸	tpi	內螺紋	D	D2	L	Le	Z	Zt	h mm
No.8	36	S04030-I36UN TM...	4	3.00	42	6.3	3	9	0.41
No.8	32	S04030-I32UN TM...	4	3.00	42	6.3	3	8	0.46
5/16"	32	S06059-I32UN TM...	6	5.90	57	14.3	3	18	0.46
No.12	28	S04036-I28UN TM...	4	3.60	42	8.2	3	9	0.52
7/16"	28	S08079-I28UN TM...	8	7.90	63	19.9	3, 5*	22	0.52
No.12	24	S06040-I24UN TM...	6	4.00	57	8.5	3	8	0.61
1/4"	20	S06040-I20UN TM...	6	4.00	57	10.2	3	8	0.73
9/16"	20	S10099-I20UN TM...	10	9.90	72	22.9	5	18	0.73
5/16"	18	S06050-I18UN TM...	6	5.00	57	12.7	3	9	0.81
9/16"	18	S10099-I18UN TM...	10	9.90	72	24.0	5	17	0.81
3/8"	16	S06059-I16UN TM...	6	5.90	57	14.3	3	9	0.92
3/4"	16	S12119-I16UN TM...	12	11.90	83	28.6	5	18	0.92
7/16"	14	S08079-I14UN TM...	8	7.90	63	18.1	3, 5*	10	1.05
1/2"	13	S08079-I13UN TM...	8	7.90	63	19.5	3, 5*	10	1.13
9/16"	12	S10099-I12UN TM...	10	9.90	72	23.3	5	11	1.22
1"	12	S12119-I12UN TM...	12	11.90	83	29.6	5	14	1.22
5/8"	11	S10099-I11UN TM...	10	9.90	72	23.1	5	10	1.33
3/4"	10	S12119-I10UN TM...	12	11.90	83	27.9	5	11	1.47
7/8"	9	S16159-I9UN TM...	16	15.90	92	33.3	5	12	1.63
1"	8	S16159-I8UN TM...	16	15.90	92	38.1	5	12	1.83
1 1/8"	7	S16159-I7UN TM...	16	15.90	92	36.3	5	10	2.09
1 3/8"	6	S20199-I6UN TM...	20	19.90	104	38.1	5	9	2.44
1 3/4"	5	S20199-I5UN TM...	20	19.90	104	40.6	5	8	2.93
2"	4.5	S20199-I4.5UN TM...	20	19.90	104	39.5	5	7	3.26

* 有3槽和5槽两种,在订货后加3或5(TM3.../TM5...)

BSW

直槽螺纹铣削

外螺纹 / 内螺纹



标准: B.S.84:1956, DIN 259, ISO228/1:1982
精度等级: 中等A级

直槽螺纹铣削

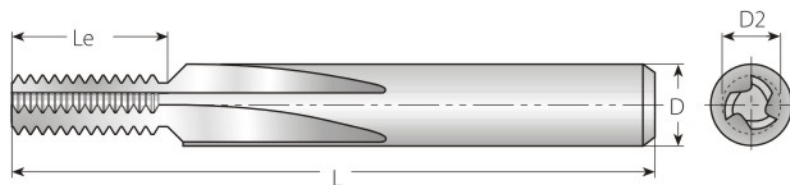
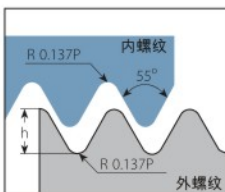
螺纹	螺距	订货号	尺寸mm				槽数	齿数	
最小加工尺寸	tpi	外螺纹 / 内螺纹	D	D2	L	Le	Z	Zt	h mm
1/4"	20	S06040-EI20BSW TM...	6	4.00	57	10.16	3	8	0.81
5/16"	18	S06050-EI18BSW TM...	6	5.00	57	11.29	3	8	0.90
3/8"	16	S06059-EI16BSW TM...	6	5.90	57	14.29	3	9	1.02
7/16"	14	S08079-EI14BSW TM...	8	7.90	63	18.14	3, 5*	10	1.16
1/2"	12	S08079-EI12BSW TM...	8	7.90	63	19.05	3, 5*	9	1.36
5/8"	11	S10099-EI11BSW TM...	10	9.90	72	23.09	5	10	1.48
3/4"	10	S12119-EI10BSW TM...	12	11.90	83	27.94	5	11	1.63
7/8"	9	S12119-EI9BSW TM...	12	11.90	83	28.22	5	10	1.81
1"	8	S16159-EI8BSW TM...	16	15.90	92	38.10	5	12	2.03
1 1/8"	7	S16159-EI7BSW TM...	16	15.90	92	36.29	5	10	2.32
1 3/8"	6	S16159-EI6BSW TM...	16	15.90	92	38.10	5	9	2.71
1 5/8"	5	S20199-EI5BSW TM...	20	19.90	104	40.64	5	8	3.25
1 7/8"	4.5	S20199-EI4.5BSW TM...	20	19.90	104	39.51	5	7	3.61

* 有3槽和5槽两种,在订货后加3或5(TM3.../TM5...)

BSP

直槽螺纹铣削

外螺纹 / 内螺纹



标准: B.S. 2779:1956
精度等级: 中等A级

直槽螺纹铣削

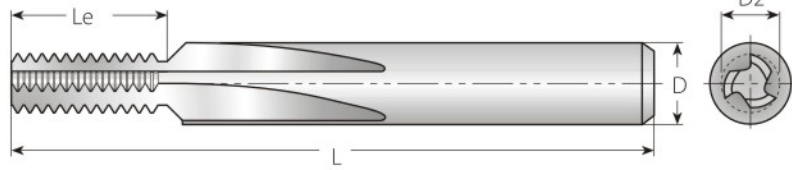
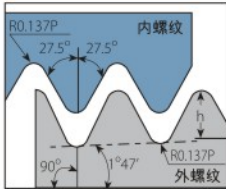
螺纹	螺距	订货号	尺寸mm				槽数	齿数	
最小加工尺寸	tpi	外螺纹 / 内螺纹	D	D2	L	Le	Z	Zt	h mm
1/16"	28	S06059-EI28BSP TM...	6	5.90	57	14.51	3	16	0.58
1/4"	19	S08079-EI19BSP TM...	8	7.90	63	18.72	3, 5*	14	0.86
1/2"	14	S12119-EI14BSP TM...	12	11.90	83	29.03	5	16	1.16
1"	11	S16159-EI11BSP TM...	16	15.90	92	34.64	5	15	1.48

* 有3槽和5槽两种,在订货后加3或5(TM3.../TM5...)

BSPT

直槽螺紋銑削

外螺紋 / 內螺紋



标准: B.S.21:1985
精度等级: 标准 BSPT

直槽螺紋銑削

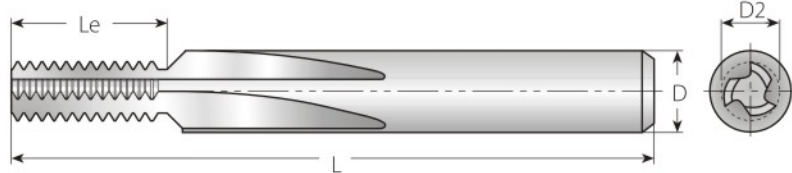
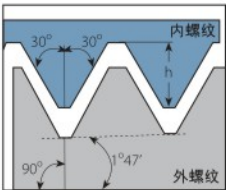
螺紋	螺距	訂貨號	尺寸mm				槽數	齒數	
最小加工尺寸	tpi	外螺紋 / 內螺紋	D	D2	L	Le	Z	Zt	h mm
1/16"	28	S06059-EI28BSPT TM...	6	5.90	57	9.98	3	11	0.58
1/4"	19	S08079-EI19BSPT TM...	8	7.90	63	14.71	3, 5*	11	0.86
1/2"	14	S12119-EI14BSPT TM...	12	11.90	83	19.96	5	11	1.16
1"	11	S16159-EI11BSPT TM...	16	15.90	92	39.25	5	17	1.48

* 有3槽和5槽兩種,在訂貨後加3或5(TM3.../TM5...)

NPT

直槽螺紋銑削

外螺紋 / 內螺紋



标准: USAS B2.1:1968
精度等级: 标准 NPT

直槽螺紋銑削

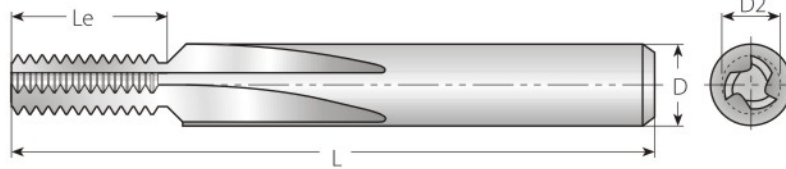
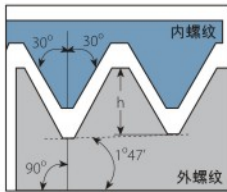
螺紋	螺距	訂貨號	尺寸mm				槽數	齒數	
最小加工尺寸	tpi	外螺紋 / 內螺紋	D	D2	L	Le	Z	Zt	h mm
1/16"	27	S06059-EI27NPT TM...	6	5.90	57	9.41	3	10	0.66
1/4"	18	S08079-EI18NPT TM...	8	7.90	63	14.11	3, 5*	10	1.01
1/2"	14	S12119-EI14NPT TM...	12	11.90	83	19.96	5	11	1.33
1"	11.5	S16159-EI11.5NPT TM...	16	15.90	92	26.51	5	12	1.64
2 1/2"	8	S16159-EI8NPT TM...	16	15.90	92	38.10	5	12	2.42

* 有3槽和5槽兩種,在訂貨後加3或5(TM3.../TM5...)

NPTF

直槽螺紋銑削

外螺紋 / 內螺紋



标准: ANSI 1.20.3-1976
精度等级: 标准 NPTF

直槽螺紋銑削

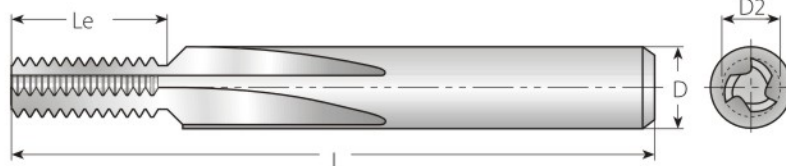
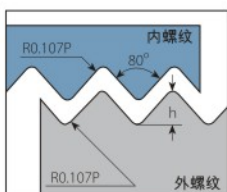
螺紋	螺距	訂貨號	尺寸mm			槽數	齒數		
最小加工尺寸	tpi	外螺紋 / 內螺紋	D	D2	L	Le	Z	Zt	h mm
1/16"	27	S06059-EI27NPTF TM...	6	5.90	57	9.41	3	10	0.64
1/4"	18	S08079-EI18NPTF TM...	8	7.90	63	14.11	3, 5*	10	1.0
1/2"	14	S12119-EI14NPTF TM...	12	11.90	83	19.96	5	11	1.35
1"	11.5	S16159-EI11.5NPTF TM...	16	15.90	92	26.51	5	12	1.63
2 1/2"	8	S16159-EI8NPTF TM...	16	15.90	92	38.10	5	12	2.38

* 有3槽和5槽兩種,在訂貨後加3或5(TM3.../TM5...)

Pg

直槽螺紋銑削

外螺紋 / 內螺紋

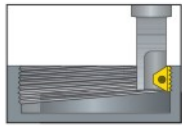


标准: DIN 40430
精度等级: 标准

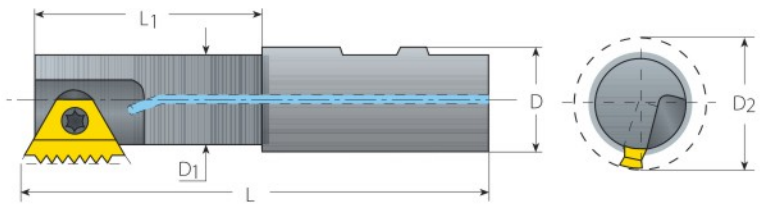
直槽螺紋銑削

螺紋	螺距	訂貨號	尺寸mm			槽數	齒數		
	tpi	外螺紋 / 內螺紋	D	D2	L	Le	Z	Zt	h mm
Pg7	20	S08079-EI20PG TM...	8	7.90	63	19.05	3, 5*	15	0.61
Pg9, 11, 13.5, 16	18	S10099-EI18PG TM...	10	9.90	72	23.99	5	17	0.67
Pg21, 29, 36, 42, 48	16	S12119-EI16PG TM...	12	11.90	83	28.58	5	18	0.76

* 有3槽和5槽兩種,在訂貨後加3或5(TM3.../TM5...)



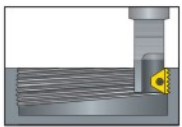
外螺紋和內螺紋杆



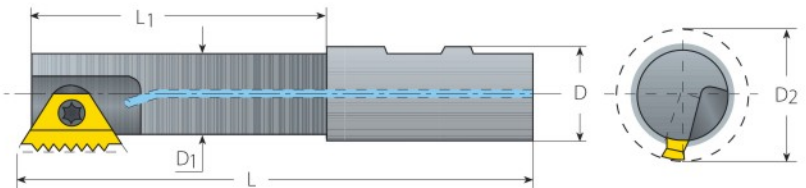
TM标准型

配件

刀片尺寸	订货代码	尺寸规格					配件	
		L	L1	D	D1	D2		
6.0mm	TMMC12-6.0	69.0	12.0	12	6.8	9.0	SN7T	K7T
	TMMC20-6.0	84.0	17.0	20	6.8	9.0		
1/4"	TMC12-2	70.0	12.0	12	8.9	11.5	SN2TM	K2T
	TMC20-2	85.0	20.0	20	8.9	11.5		
3/8"	TMC16-3	90.0	22.0	16	13.6	17.0	SN3TM	K3T
	TMC20-3	95.0	43.0	20	16.6	20.0		
3/8"B	BTMC16-3B	79.5	29.0	16	13.5	17.0	SN3TM	K3T
	BTMC20-3B	81.5	29.0	20	15.5	19.0		
	BTMC25-3B	92.3	30.0	25	15.5	19.0		
	BTMWC25-3B	90.8	30.0	25	18.5	22.0		
5/8"	TMC25-5	110.0	52.0	25	24.0	30.0	SN5TM	K5T
	TMC25-5LH	110.0	52.0	25	24.0	30.0		
	TMC32-5	120.0	58.0	32	31.0	37.0		
3/4"B	TMC32-6B	115.0	53.0	32	27.0	35.0	SM7T	K30T
	TMC40-6B	135.0	63.0	40	38.0	46.0		



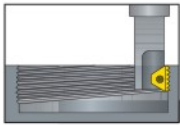
外螺紋和內螺紋刀杆



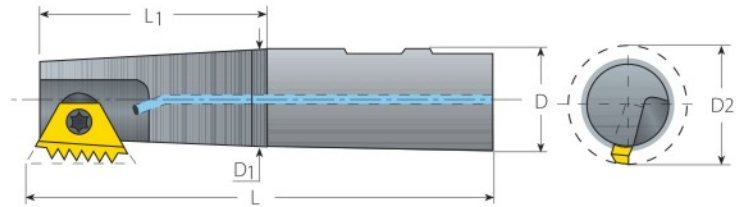
TML 加长刀杆

配件

刀片尺寸	订货代码	尺寸规格					配件	
		L	L1	D	D1	D2		
1/4"	TMLC25-2	125.0	17.0	25	8.9	11.5	SN2TM	K2T
3/8"	TMLC25-3	125.0	25.0	25	18.6	22.0	SN3T	K3T
	BTMLC25-3	125.0	63.5	25	18.6	22.0		
3/8"B	BTMLC20-3B	96.5	44.0	20	15.5	19.0	SN3T	K3T
	BTMLC25-3B	125.0	63.5	25	18.6	22.0		
5/8"	TMLC25-5	150.0	92.0	25	24.0	30.0	SN5TM	K5T
	TMLC32-5	160.0	98.0	32	31.0	37.0		
3/4"B	TMLC40-6B	165.0	93.0	40	38.0	46.0	SM7T	K30T

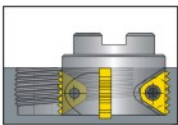
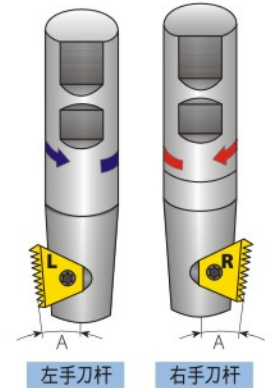


外螺紋和內螺紋刀杆

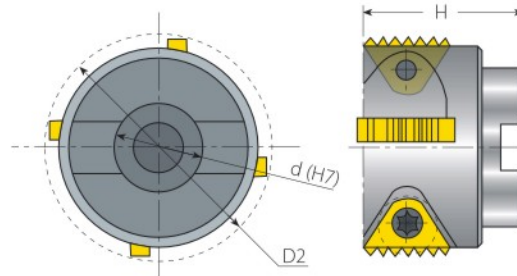
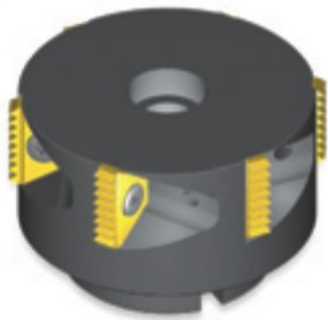


TMN-用于加工锥度螺纹 (NPT, NPTF, BSPT)

刀片尺寸		订货代码		尺寸规格				刀杆组件	
IC	RH	LH	L	L1	D	D1	D2	刀片螺钉	扳手
3/8"	TMNC16-3	TMNC16-3 LH	90.0	22.0	16	12.5	15.5	SN3TM	K3T
	TMNC20-3	TMNC20-3 LH	85.0	23.0	20	15.0	19.0		
3/8"B	BTMNC16-3B	BTMNC16-3B LH	79.5	29.0	16	13.5	17.0	SN3TM	K3T
	BTMNC20-3B	BTMNC20-3B LH	81.5	29.0	20	15.5	19.0		
5/8"	TMNC32-5	TMNC32-5 LH	120.0	58.0	32	31.0	37.0	SN5TM	K5T



外螺紋和內螺紋刀杆



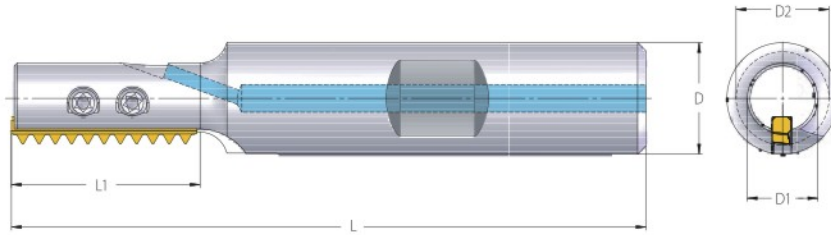
驱动接口
ISO 240-1975 (mm)

TM-螺纹铣刀盘

刀片尺寸		订货代码	刀片数量	尺寸规格			配件		
IC				D2	d(H7)	H	刀片螺钉	扳手	刀杆螺钉
1/4"	TMSH-D38-16-2		6	38.0	16.0	40.0	SN2T	HK2T	M8X1.25X35
1/4"	TMSH-D50-22-2		8	50.0	22.0	40.0			M10X1.50X35
3/8"	TMSH-D50-22-3		6	50.0	22.0	40.0	SN3TM	HK3T	M10X1.50X35
3/8B"	TMSH-D63-22-3B		6	63.0	22.0	40.0			M10X1.50X35
5/8"	TMSH-D63-22-5		4	63.0	22.0	45.0	SN5TM	HK5T	M10X1.50X35
3/4B"	TMSH-D63-22-6B		4	63.0	22.0	50.0	SM7T	HK7T	M10X1.50X35
5/8"	TMSH-D80-27-5		6	80.0	27.0	50.0	SN5TM	HK5T	M12X1.75X40
3/4B"	TMSH-D80-27-6B		5	80.0	27.0	50.0	SM7T	HK7T	M12X1.75X40
5/8"	TMSH-D100-32-5		7	100.0	32.0	55.0	SN5TM	HK5T	M16X2.00X40
3/4B"	TMSH-D100-32-6B		6	100.0	32.0	55.0	SM7T	HK7T	M16X2.00X40
5/8"	TMSH-D125-40-5		9	125.0	40.0	63.0	SN5TM	HK5T	M20X2.50X50
3/4B"	TMSH-D125-40-6B		8	125.0	40.0	63.0	SM7T	HK7T	M20X2.50X50

标准型 刀盘 (MiTM 19)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMC-用于标准螺纹

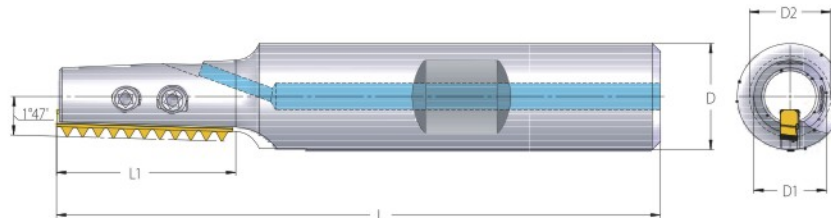
刀片形式	订货号	尺寸(mm)						切削刃数量	配件	
mm		L	L1	D	D1	D2	Z	定位螺钉X2	Torx + 扳手	
19	RTMC 1210-20A1	68	20	12	7.5	10	1	SLD3IP6 (M3x0.5)	KIP6 • 仅限使用VARDEX的Torx + 扳手 • 推荐最大扭矩1.2NXM	
	RTMC 1212-25A1	73.5	25.2	12	8.7	11.75	1			

刀盘适用的螺纹范围

刀盘	D2 (mm)	最小加工螺纹 Ø					
		ISO细牙	ISO粗牙	UNC	UN/UNF/UNEF/UNS	BSF	BSP(G)
RTMC 1210-20A1	10	12x1.75	11x0.5; 11x0.75; 11.5x1; 12x1.25; 12x1.5	½-13	¼-32UN; ¼-28UNEF; ¼-27UNS; ½-24UNS; ½-20UNF; ½-18UNS; ½-16UN; ½-14UNS	½-16	¼-19
RTMC 1212-25A1	11.75	14x2.0; 16x2.0	12.5x0.5; 13x0.75; 13x1; 13.5x1.25; 14x1.5; 14x1.75	⅝-12	½-32UN; ⅝-28UNS; ⅝-27UNS; ⅝-24UNEF; ⅝-20UN; ⅝-18UNF; ⅝-16UN; ⅝-14UNS;	⅝-14	¼-14

锥形 刀盘 (MiTM 19)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMC-用于标准螺纹

刀片形式	订货号	尺寸(mm)						切削刃数量	配件	
mm		L	L1	D	D1	D2	Z	定位螺钉X2	Torx + 扳手	
19	RTMNC 1210-19A1	66.5	19	12	8	10.2	1	SLD3IP6 (M3x0.5)	KIP6 • 仅限使用VARDEX的Torx + 扳手 • 推荐最大扭矩1.2NXM	

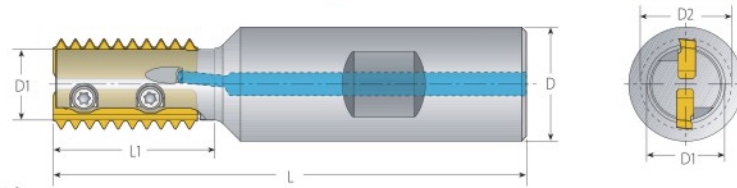
刀盘适用的螺纹范围

刀盘	D2 (mm)	NPT	NPTF	BSPT
RTMNC 1210-19A1	10	¼-18* ⅝-18	¼-18* ⅝-18	¼-19* ⅝-19

* MiTM19系列最深可加工10.5mm螺纹

标准刀盘(MiTM 24)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMC-用于标准螺纹

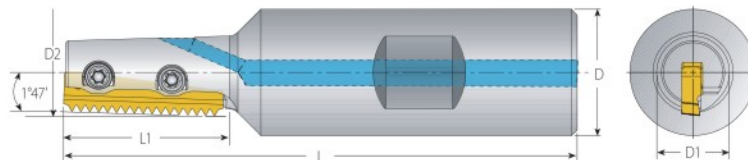
刀片形式	订货号	尺寸(mm)					刀槽数	配件	
mm		L	L1	D	D1	D2	Z	定位螺钉X2	Torx+ 扳手
24	RTMC 2013-26M1	82	26	20	10.7	13.6	1	SLD4IP8 (M4x0.7)	KIP8 •仅限使用VARDEX的 Torx + 扳手 •推荐最大扭矩1.2NXM
	RTMC 2015-30M1	85	30	20	11.9	15.1	1		
	RTMC 2016-28M2	83	28	20	12.6	16	2		
	RTMC 2016-36M1	91	36	20	12.6	16	1		

刀盘适用的螺纹范围

刀盘	D2 (mm)	最小加工螺纹 Ø					
		ISO细牙	ISO粗牙	UNC	UN/UNF/UNEF/UNS	BSF	BSP(G)
RTMC 2013-26M1	13.6	M16x2	M14.5x0.5; M15X0.75; M15x1; M15x1.25; M16x1.5; M16x1.75	-	1/16-12UN; 5/16-14UNS; 5/16-16UN; 5/16-18UNF; 5/16-20UN; 5/16-24UNEF; 5/16-28UN; 5/16-32UN	1/16-14; 3/4-12	3/8-19
RTMC 2015-30M1	15.1	M18x2.5	M16x0.5; M17X0.75; M17x1; M17x1.25; M17x1.5; M18x1.75; M18x2	3/4-10	3/4-12UN; 3/4-14UNS; 1/16-16UN; 1/16-20UN; 1/16-24UNEF; 1/16-28UN; 1/16-32UN	3/4-12	-
RTMC 2016-28M2	16	M20x2.5	M17x0.5; M17x0.75; M18x1; M18x1.25; M18x1.5; M18x1.75; M19x2	3/4-10	3/4-12UN; 3/4-14UNS; 3/4-16UN; 3/4-18UNS; 3/4-20UNEF; 1/16-24UNEF; 1/16-28UN; 1/16-32UN	3/4-12	-
RTMC 2016-36M1	16	M20x2.5	M17x0.5; M17x0.75; M18x1; M18x1.25; M18x1.5; M18x1.75; M19x2	3/4-10	3/4-12UN; 3/4-14UNS; 3/4-16UN; 3/4-18UNS; 3/4-20UNEF; 1/16-24UNEF; 1/16-28UN; 1/16-32UN	3/4-12	-

锥型刀盘(MiTM 24)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMC-用于标准螺纹

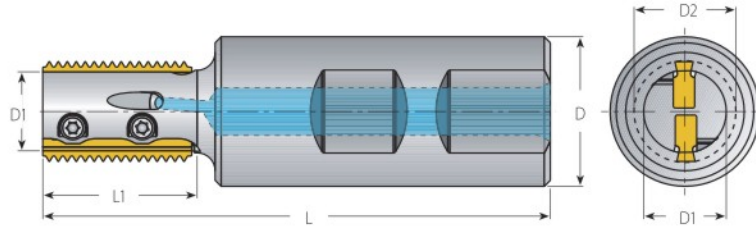
刀片形式	订货号	尺寸(mm)					刀槽数	配件	
mm		L	L1	D	D1	D2	Z	定位螺钉X2	Torx+ 扳手
24	RTMNC 2014-26M1	81	26	20	11.5	13.9	1	SLD4IP8 (M4x0.7)	KIP8 •仅限使用VARDEX的 Torx + 扳手 •推荐最大扭矩1.2NXM

刀盘适用的螺纹范围

刀盘	D2 (mm)	NPT	NPTF	BSPT
RTMNC 2014-26M1	13.9	3/8-18	3/8-18	3/8-19

标准刀盘(MiTM 25)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMC-用于标准螺纹

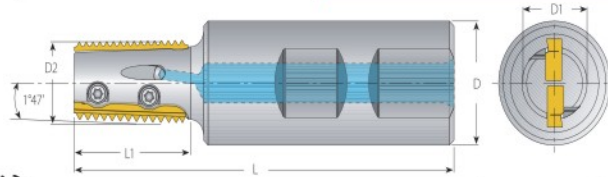
RTMC-用于标准螺纹								配件	
刀片形式	订货号	尺寸(mm)			刀槽数			定位螺钉X2	Torx+ 扳手
mm		L	L1	D	D1	D2	Z		
25	RTMC 2517-26S2	85	26	25	14	17	2	SLD4IP8 (M4x0.7)	KIP8 •仅限使用VARDEX的Torx+ 扳手 •推荐最大扭矩1.2NXM
	RTMC 2517-36S2	95	36						
	RTMC 2519-32S2	92	32						
	RTMC 2519-44S2	104	44						
	RTMC 2520-37S3	96	37						
	RTMC 2520-44S3	103	44						
	RTMC 2522-43S3	102	43						
	RTMC 2522-55S3	114	55						
	RTMC 2530-55S5	115	55						
	BRTMC 2530-80S4	140	80						

标准型刀盘适用的螺纹范围

刀盘	最小加工螺纹 Ø						
	D2 (mm)	ISO细牙	ISO粗牙	UNC	UN/UNF/UNEF/UNS	BSF	BSP(G)
RTMC 2517-26S2 RTMC 2517-36S2	17	M20x2.5	M19x1; M19x1.5; M20x2	-	7/8-10UNS; 15/16-12UN; 7/8-14UNF; 3/4-16UNF; 3/4-18UNS; 3/4-20UNEF	7/8-11; 7/8-12; 7/8-14; 7/8-16	1/2-14
RTMC 2519-32S2 RTMC 2519-44S2	19	M22x2.5 M24x3	M21x1; M21x1.5; M22x2	7/8-9; 1-8	7/8-20UNEF; 7/8-18UNS; 7/8-16UN; 7/8-14UNF; 7/8-12UN; 7/8-10UNS	7/8-16; 7/8-14; 15/16-12; 15/16-11	5/8-14
RTMC 2520-37S3 RTMC 2520-44S3	20.5	M24x3	M22x1; M23x1.5; M23x2; M23.5x2.5	1-8	15/16-9UN; 1-10UNS; 15/16-12UN; 1-14UNS; 15/16-16UN; 7/8-18UNS; 7/8-20UNEF	1-11; 1-12; 1-14; 1-16	5/8-14
RTMC 2522-43S3 RTMC 2522-55S3	22	M27x3	M24x1; M24x1.5; M25x2; M25x2.5	-	1 1/16-8UN; 1-9UN; 1-10UNS; 1-12UNF; 1-14UNS; 1-16UN; 1-18UN; 15/16-20UNEF	1-11; 1-12; 1-14; 1-16	3/4-14
RTMC 2530-55S5 BRTMC 2530-80S4	30	-	M32x1; M32x1.5; M33x2; M33x2.5; M34x3	-	1 3/8-8UN; 1 3/8-9UN; 1 3/8-10UN; 1 1/16-12UN; 1 3/8-14UNS; 1 1/16-16UN; 1 3/8-18UNEF; 1 1/16-20UN	1 3/8-11; 1 3/8-12; 1 3/8-14; 1 3/8-16	1-11

锥型刀盘(MiTM 25)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMNC-用于锥度螺纹

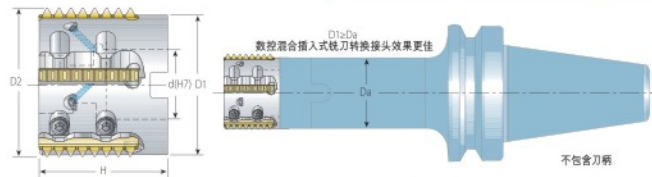
刀片形式	订货号	尺寸(mm)					刀槽数	配件	
mm		L	L1	D	D1	D2	Z	定位螺钉X2	Torx+ 扳手
25	RTMNC 2517-26S2	85	26	25	14	17	2	SLD4IP8 (M4x0.7)	Torx+ 扳手 KIP8 •仅限使用VARDEX的Torx+ 扳手 •推荐最大扭矩1.2NXM
	RTMNC 2522-43S3	102	43	25	18	22	3		
	RTMNC 2528-43S4	103	43	25	25	28	4		

锥型刀盘适用的螺纹范围

刀盘	D2(mm)	最小加工螺纹 Ø		
		NPT	NPTF	BSPT
RTMNC 2517-26S2	17	½-14; ¾-14; 1-11.5; 1¼-11.5; 1½-11.5; 2-11.5	½-14; ¾-14; 1-11.5; 1¼-11.5; 1½-11.5; 2-11.5	½-14; ¾-14
RTMNC 2522-43S3	22	¾-14; 1-11.5; 1¼-11.5; 1½-11.5; 2-11.5	¾-14; 1-11.5; 1¼-11.5; 1½-11.5; 2-11.5	¾-14; 1-11; 1¼-11; 1½-11; 2-11; 2½-11; 3-11; 4-11; 5-11; 6-11
RTMNC 2528-43S4	28	1-11.5; 1¼-11.5; 1½-11.5; 2-11.5	1-11.5; 1¼-11.5; 1½-11.5; 2-11.5	1-11; 1¼-11; 1½-11; 2-11; 2½-11; 3-11; 4-11; 5-11; 6-11

铣刀盘(MiTM 25)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



锥型和标准铣刀盘

刀片形式	订货号	尺寸(mm)					刀槽数	配件		
mm		D1	D2	d(H7)	H	Z	定位螺钉X2	Torx+ 扳手	刀柄螺钉	
标准	RTMC D36-16-25S5	32	36	16	33.5	5	SLD4IP8 (M4x0.7)	Torx+ 扳手 KIP8 •仅限使用VARDEX的Torx+ 扳手 •推荐最大扭矩1.2NXM	M8x1.25x30	
	RTMC D44-22-25S6	40	44	22	38	6			M10x1.50x35	
	RTMC D52-27-25S8	48	52	27	40	8			M12x1.75x30	
锥螺纹	RTMNC D36-16-25S5	32	36*	16	33.5	5			M8x1.25x30	

* 刀片 8NPT和8NPTF用于 CNC程序(D2+0.6mm)

标准型刀盘适用的螺纹范围

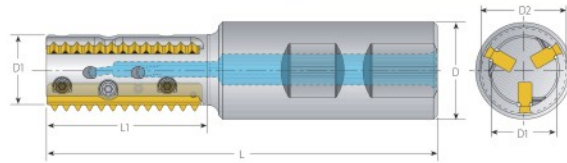
刀盘	D2(mm)	最小加工螺纹 Ø				
		ISO粗牙	UN/UNF/UNEF/UNS	BSW	BSP(G)	
标准	RTMC D36-16-25S5	36	M38x1; M39x1.5; M39x2; M40x3	1⅝-12UN; 1⅝-14UNS; 1⅝-16UN; 1⅝-18UNEF; 1⅝-20UN	1¼-16 1¼-12	1¼-11
	RTMC D44-22-25S6	44	M48x1; M48x1.5; M48x2; M48x3	1⅝-12UN; 1⅝-16UN; 1⅝-20UN; 1⅝-8UN; 1⅝-10UNS; 1⅝-14UNS	2-16 2-12	1½-11
	RTMC D52-27-25S8	52	M55x1; M55x1.5; M55x2; M56x3	2¼-8UN; 2¼-10UN; 2¼-12UN; 2¼-14UN; 2¼-16UN; 2¼-18UN; 2¼-20UN	2¼-16 2¼-12	2-11

锥型刀盘适用的螺纹范围

刀盘	D2 (mm)	最小加工螺纹 Ø			
		NPT	NPTF	BSPT	
锥螺纹	RTMNC D36-16-25S5	36	1¼-11.5; 1½-11.5; 2-11.5 2½-8 (and up)	1¼-11.5; 1½-11.5; 2-11.5 2½-8; 3-8	1½-6x11

标准刀盘(MiTM 40)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMC-用于标准螺纹

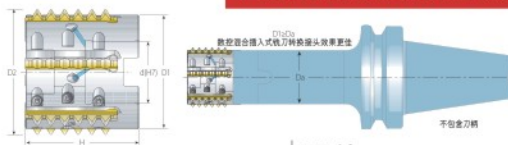
刀片形式	订货号	尺寸(mm)						刀槽数	配件		
		L	L1	D	D1	D2	Z		定位螺钉	锁紧螺钉 x2	Torx+ 扳手
mm		L	L1	D	D1	D2	Z				
40	RTMC 2522-43L3	102	43	25	18	22	3	SLD4IP8A (M4x0.7)	SCD4IP8 (M4x0.7)	Torx+ 扳手 KIP8 •仅限使用VARDEX的Torx+ 扳手 •推荐最大扭矩1.2NXM	
	RTMC 2522-65L3	124	65	25	18	22	3				
	RTMC 3230-55L4	117	55	32	26	30	4				
	BRTMC 3230-80L3	142	80	32	26	30	3				

标准型刀盘适用的螺纹范围

刀盘	D2 (mm)	最小加工螺纹 Ø					
		ISO细牙	ISO粗牙	UNC	UN/UNF/UNEF/UNS	BSF	BSP(G)
RTMC 2522-43L3	22	M27x3	M24x1; M24x1.5 M25x2; M25x2.5	-	1 ¹ / ₁₆ -8UN; 1-9UN; 1-10UNS; 1-12UNF; 1-14UNS; 1-16UN; 1-18UN; 1 ⁵ / ₁₆ -20UNEF	1-11; 1-12; 1-14; 1-16;	3/4-14
RTMC 2522-65L3	22	M27x3	M24x1; M24x1.5 M25x2; M25x2.5	-	1 ¹ / ₁₆ -8UN; 1-9UN; 1-10UNS; 1-12UNF; 1-14UNS; 1-16UN; 1-18UN; 1 ⁵ / ₁₆ -20UNEF	1-11; 1-12; 1-14; 1-16;	3/4-14
RTMC 3230-55L4	30	-	M32x1; M32x1.5 M33x2; M33x2.5; M34x3	-	1 ³ / ₈ -8UN; 1 ³ / ₈ -9UN; 1 ³ / ₈ -10UN; 1 ³ / ₈ -12UN; 1 ³ / ₈ -14UNS; 1 ³ / ₈ -16UN; 1 ³ / ₈ -18UNEF; 1 ³ / ₈ -20UN	1 ³ / ₈ -11; 1 ³ / ₈ -12; 1 ³ / ₈ -14; 1 ³ / ₈ -16	1-11
BRTMC 3230-80L3	30	-	M32x1; M32x1.5 M33x2; M33x2.5; M34x3	-	1 ³ / ₈ -8UN; 1 ³ / ₈ -9UN; 1 ³ / ₈ -10UN; 1 ³ / ₈ -12UN; 1 ³ / ₈ -14UNS; 1 ³ / ₈ -16UN; 1 ³ / ₈ -18UNEF; 1 ³ / ₈ -20UN	1 ³ / ₈ -11; 1 ³ / ₈ -12; 1 ³ / ₈ -14; 1 ³ / ₈ -16	1-11

铣刀盘(MiTM 40)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



锥型和标准铣刀盘

刀片形式	订货号	尺寸(mm)						切削刃数量	配件			
		D1	D2	d(H7)	H	Z	定位螺钉		夹紧螺钉 X2	Torx+ 扳手	刀柄螺钉	
mm		D1	D2	d(H7)	H	Z						
标准	RTMC D44-22-40L6	40	44	22	48	6	SLD4IP8A (M4x0.7)	SCD4IP8 (M4x0.7)	Torx+ 扳手	KIP8 •仅限使用VARDEX的Torx+ 扳手 •推荐最大扭矩1.2NXM	M10x1.5x40	
	RTMC D52-27-40L8	48	52	27	50	8					M12x1.75x40	
锥螺纹	RTMNC D45-22-40L6	40	45	22	48	6					M10x1.5x40	

标准刀盘适用的螺纹范围

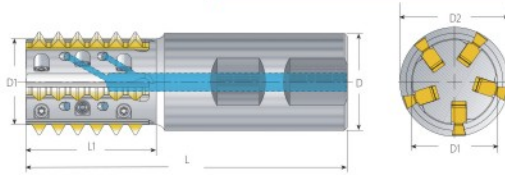
刀盘	D2 (mm)	最小加工螺纹 Ø			
		ISO粗牙	UN/UNF/UNEF/UNS	BSW	BSP(G)
标准	RTMC D44-22-40L6	M48x1; M48x1.5; M48x2; M48x3	1 ⁷ / ₈ -12UN; 1 ¹³ / ₁₆ -16UN; 1 ¹³ / ₁₆ -20UN; 1 ⁵ / ₁₆ -8UN; 1 ⁷ / ₈ -10UNS; 1 ⁷ / ₈ -14UNS	2-16 2-12	1 ¹ / ₂ -11
	RTMC D52-27-40L8	M55x1; M55x1.5; M55x2; M56x3	2 ¹ / ₄ -8UN; 2 ¹ / ₄ -10UN; 2 ¹ / ₄ -12UN; 2 ¹ / ₄ -14UN; 2 ¹ / ₄ -16UN; 2 ¹ / ₄ -18UN; 2 ¹ / ₄ -20UN	2 ¹ / ₄ -16 2 ¹ / ₄ -12	2-11

锥型刀盘适用的螺纹范围

刀盘	D2 (mm)	最小加工螺纹 Ø		
		NPT	NPTF	BSPT
锥螺纹	RTMNC D45-22-40L6	2-11.5; 2 ¹ / ₂ -8 (及以上)	2-11.5; 2 ¹ / ₂ -8; 3-8	2-6x11

标准刀杆(MiTM 41)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



RTMC-用于标准螺纹

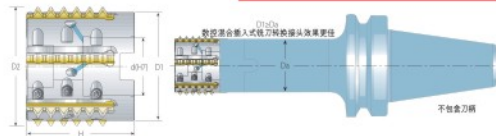
刀片形式	订货号	尺寸(mm)					刀槽数	配件		
mm		L	L1	D	D1	D2*	Z	定位螺钉X2	夹紧螺钉	Torx+ 扳手
41	RTMC 2521-45B1	105	45	25	16.0	21.2	1	SLD4IP8A (M4x0.7)	SCD4IP8 (M4x0.7)	KIP8 •仅限使用VARDEX的 Torx+ 扳手 •推荐最大扭矩1.2NXM
	RTMC 2524-43B2	104	43	25	19.2	24.5	2			
	RTMC 3230-43B3	106.5	43	32	24.2	30	3			
	RTMC 3230-65B3	128.5	65	32	24.2	30	3			
	RTMC 3236-43B5	106	43	32	28.3	36	5			
	RTMC 3236-65B4	128	65	32	28.3	36	4			

标准型刀盘适用的螺纹范围

刀盘	D2* (mm)	最小加工螺纹 Ø						
		ISO细牙	ISO粗牙	UNC	UN/UNF/UNEF/ UNS	BSW/BSF	NPT	NPTF
RTMC 2521-45B1	21.2	M27x3; M30x3.5; M33x3.5; M36x4; M39x4; M42x4.5; M45x4.5; M48x5; M52x5	M30x3; M42x4	1-8, 1 1/8-7; 1 1/4-7; 1 1/8-6; 1 1/2-6; 1 1/4-5	1 1/8-8UN; 1 1/16-6UN	1-8BSW; 1 1/8-7BSW	-	-
RTMC 2524-43B2	24.5	M30x3.5; M36x4	M28x3; M45x4	1 1/8-7; 1 1/8-6	1 1/8-8UN; 1 1/16-6UN	1 1/8-8BSF; 1 1/4-7BSW	-	-
RTMC 3230-43B3	30	M36x4; M42x4.5	M34x3; M34x3.5; M45x4	1 1/8-6	1 1/8-8UN; 1 1/16-6UN	1 1/8-8BSF; 1 1/4-7BSF; 1 1/2-6BSW	-	-
RTMC 3230-65B3	30	M36x4; M42x4.5	M34x3; M34x3.5; M45x4	1 1/8-6	1 1/8-8UN; 1 1/16-6UN	1 1/8-8BSF; 1 1/4-7BSF; 1 1/2-6BSW	-	-
RTMC 3236-43B5	36	M42x4.5; M48x5; M56x5.5; M64x6	M40x3; M40x3.5; M42x4; M70x6	1 3/4-5; 2-4.5; 2 1/2-4	1 1/8-8UN; 1 1/16-6UN	1 1/8-8BSF; 1 1/4-7BSF; 1 1/8-6BSF	2 1/2-8	2 1/2-8
RTMC 3236-65B4	36	M42x4.5; M48x5; M56x5.5; M64x6	M40x3; M40x3.5; M42x4; M70x6	1 3/4-5; 2-4.5; 2 1/2-4	1 1/8-8UN; 1 1/16-6UN	1 1/8-8BSF; 1 1/4-7BSF; 1 1/8-6BSF	2 1/2-8	2 1/2-8

铣刀盘(MiTM 41)

推荐使用带内冷却的刀盘,特别是D2>0.7倍螺纹直径的情况下



标准铣刀盘

刀片形式	订货号	尺寸(mm)					刀槽数	配件			
mm		D1	D2*	d(H7)	H	Z	定位螺钉X2	夹紧螺钉	Torx+ 扳手	刀柄螺钉	
41	RTMC D48-22-41B5	40	48	22	50	5	SLD4IP8A (M4x0.7)	SCD4IP8 (M4x0.7)	KIP8 •仅限使用VARDEX的 Torx+ 扳手 •推荐最大扭矩1.2NXM	M10x1.5x40	
	RTMC D58-27-41B6	50	58	27	50	6				M12x1.75x40	

标准型刀盘适用的螺纹范围

刀盘	D2* (mm)	最小加工螺纹 Ø						
		ISO细牙	ISO粗牙	UNC	UN/UNF/UNEF/ UNS	BSF	NPT	NPTF
RTMC D48-22-41B5	48	M56x5.5; M64x6	M55x4; M70x6;	2 1/4-4.5; 2 1/2-4	2 1/8-8UN; 2 1/8-6UN	2 1/4-8; 2 1/4-6	2 1/2-8	2 1/2-8
RTMC D58-27-41B6	58	M68x6	M64x4; M70x6	2 1/2-4	2 1/8-8UN; 2 1/2-6UN	2 1/2-8; 2 1/4-6	2 1/2-8	2 1/2-8

* 对于外螺纹应用,R41E...刀片可用于CNC程序(D2+0.6mm)