

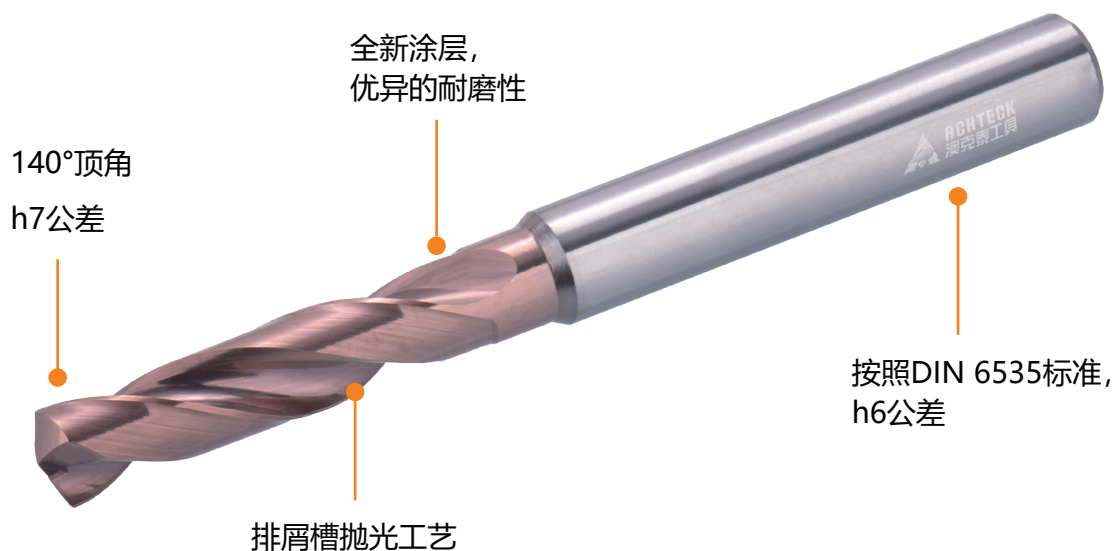
NEW
PRODUCT!

D105_ECO系列

通用型整体硬质合金钻头

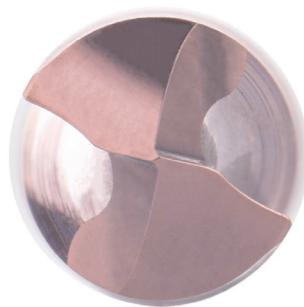


● D105 通用型整体硬质合金钻头



刀具特征

- 双弧面设计，镰刀型刃口，增强断屑效果；
- 排屑槽抛光工艺，有助于铁屑排出流畅性；
- 全新涂层技术，提供优异的加工寿命；



刀具规格

- 内冷和外冷加工；
- 加工范围D3-D20；
- 头部h7公差；
- 刀具尺寸按照:DIN 6537K--3xDc
DIN 6537L--5xDc

应用范围

- ISO 工件材料组P,M,K,N,S,H
- 应用行业：工程机械行业、
能源行业、汽车行业；

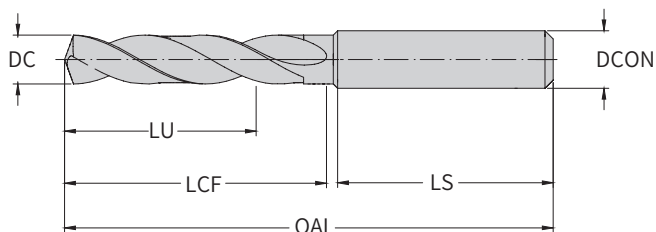
● D105整体硬质合金钻头命名规则

D	1	05			03			06000	A	1
1	2	3			4			5	6	7

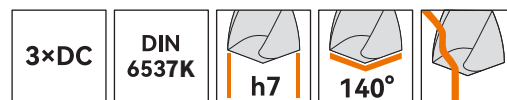
1-刀具类型		2-代次		3-系列		4-钻深	
D	钻头	1		05	通用型	03	3xDc根据DIN 6537 K
						05	5xDc根据DIN 6537 L

5-刀具直径		6-刀柄类型		7-冷却	
06000	6.0mm	A	DIN 6535 HA 圆柱柄	0	外冷
12100	12.1mm			1	轴向内冷

D105 外冷_3xDc


 ●●理想选择
 ●第二选择

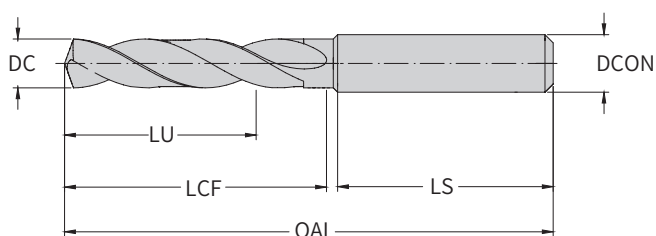
P	M	K	N	S	H
●●		●●	●		●



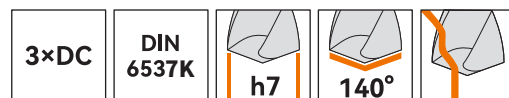
订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
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D105-03-03100A0	3.1	14	62	20	36	4	●
D105-03-03200A0	3.2	14	62	20	36	4	●
D105-03-03300A0	3.3	14	62	20	36	4	●
D105-03-03400A0	3.4	14	62	20	36	4	●
D105-03-03500A0	3.5	14	62	20	36	4	●
D105-03-03600A0	3.6	14	62	20	36	4	●
D105-03-03700A0	3.7	14	62	20	36	4	●
D105-03-03800A0	3.8	17	66	24	36	4	●
D105-03-03900A0	3.9	17	66	24	36	4	○
D105-03-04000A0	4.0	17	66	24	36	4	●
D105-03-04100A0	4.1	17	66	24	36	6	●
D105-03-04200A0	4.2	17	66	24	36	6	●
D105-03-04300A0	4.3	17	66	24	36	6	●
D105-03-04400A0	4.4	17	66	24	36	6	●
D105-03-04500A0	4.5	17	66	24	36	6	●
D105-03-04600A0	4.6	17	66	24	36	6	●
D105-03-04700A0	4.7	17	66	24	36	6	●
D105-03-04800A0	4.8	20	66	28	36	6	●
D105-03-04900A0	4.9	20	66	28	36	6	○
D105-03-05000A0	5.0	20	66	28	36	6	●
D105-03-05100A0	5.1	20	66	28	36	6	●
D105-03-05200A0	5.2	20	66	28	36	6	●
D105-03-05300A0	5.3	20	66	28	36	6	●
D105-03-05400A0	5.4	20	66	28	36	6	●
D105-03-05500A0	5.5	20	66	28	36	6	●
D105-03-05600A0	5.6	20	66	28	36	6	○
D105-03-05700A0	5.7	20	66	28	36	6	○
D105-03-05800A0	5.8	20	66	28	36	6	●
D105-03-05900A0	5.9	20	66	28	36	6	○
D105-03-06000A0	6.0	20	66	28	36	6	●
D105-03-06100A0	6.1	24	79	34	36	8	●
D105-03-06200A0	6.2	24	79	34	36	8	○
D105-03-06300A0	6.3	24	79	34	36	8	●
D105-03-06400A0	6.4	24	79	34	36	8	○
D105-03-06500A0	6.5	24	79	34	36	8	●
D105-03-06600A0	6.6	24	79	34	36	8	●
D105-03-06700A0	6.7	24	79	34	36	8	●
D105-03-06800A0	6.8	24	79	34	36	8	●
D105-03-06900A0	6.9	24	79	34	36	8	●
D105-03-07000A0	7.0	24	79	34	36	8	●

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产


 ●●理想选择
 ●第二选择

P	M	K	N	S	H
●●		●●	●		●

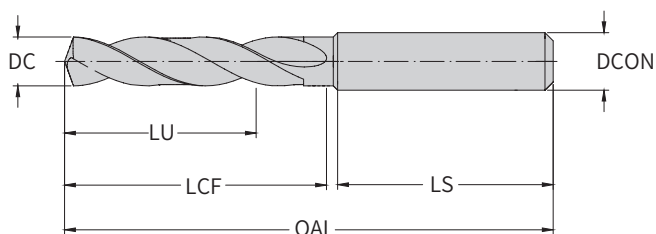


订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
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D105-03-07200A0	7.2	29	79	41	36	8	●●
D105-03-07300A0	7.3	29	79	41	36	8	○
D105-03-07400A0	7.4	29	79	41	36	8	○
D105-03-07500A0	7.5	29	79	41	36	8	●●
D105-03-07600A0	7.6	29	79	41	36	8	○
D105-03-07700A0	7.7	29	79	41	36	8	○
D105-03-07800A0	7.8	29	79	41	36	8	●●
D105-03-07900A0	7.9	29	79	41	36	8	●●
D105-03-08000A0	8.0	29	79	41	36	8	●●
D105-03-08100A0	8.1	35	89	47	40	10	●●
D105-03-08200A0	8.2	35	89	47	40	10	●●
D105-03-08300A0	8.3	35	89	47	40	10	○
D105-03-08400A0	8.4	35	89	47	40	10	○
D105-03-08500A0	8.5	35	89	47	40	10	●●
D105-03-08600A0	8.6	35	89	47	40	10	●●
D105-03-08700A0	8.7	35	89	47	40	10	●●
D105-03-08800A0	8.8	35	89	47	40	10	●●
D105-03-08900A0	8.9	35	89	47	40	10	○
D105-03-09000A0	9.0	35	89	47	40	10	●●
D105-03-09100A0	9.1	35	89	47	40	10	●●
D105-03-09200A0	9.2	35	89	47	40	10	●●
D105-03-09300A0	9.3	35	89	47	40	10	●●
D105-03-09400A0	9.4	35	89	47	40	10	●●
D105-03-09500A0	9.5	35	89	47	40	10	●●
D105-03-09600A0	9.6	35	89	47	40	10	●●
D105-03-09700A0	9.7	35	89	47	40	10	●●
D105-03-09800A0	9.8	35	89	47	40	10	●●
D105-03-09900A0	9.9	35	89	47	40	10	○
D105-03-10000A0	10.0	35	89	47	40	10	●●
D105-03-10100A0	10.1	40	102	55	45	12	○
D105-03-10200A0	10.2	40	102	55	45	12	●●
D105-03-10300A0	10.3	40	102	55	45	12	●●
D105-03-10400A0	10.4	40	102	55	45	12	●●
D105-03-10500A0	10.5	40	102	55	45	12	●●
D105-03-10600A0	10.6	40	102	55	45	12	○
D105-03-10700A0	10.7	40	102	55	45	12	○
D105-03-10800A0	10.8	40	102	55	45	12	●●
D105-03-10900A0	10.9	40	102	55	45	12	○
D105-03-11000A0	11.0	40	102	55	45	12	●●
D105-03-11100A0	11.1	40	102	55	45	12	○

接受非标定制

● 代表常规库存

○ 代表按需生产


 ●●理想选择
 ●第二选择

P	M	K	N	S	H
●●		●●	●		●

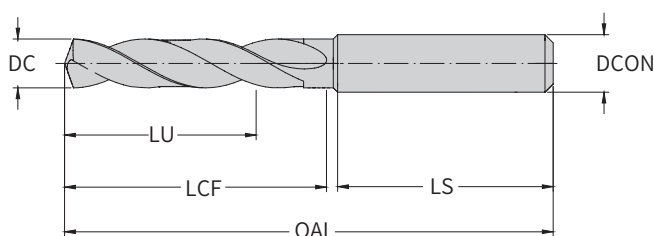


订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-03-11200A0	11.2	40	102	55	45	12	○
D105-03-11300A0	11.3	40	102	55	45	12	○
D105-03-11400A0	11.4	40	102	55	45	12	○
D105-03-11500A0	11.5	40	102	55	45	12	●
D105-03-11600A0	11.6	40	102	55	45	12	○
D105-03-11700A0	11.7	40	102	55	45	12	○
D105-03-11800A0	11.8	40	102	55	45	12	○
D105-03-11900A0	11.9	40	102	55	45	12	○
D105-03-12000A0	12.0	40	102	55	45	12	●
D105-03-12100A0	12.1	43	107	60	45	14	○
D105-03-12200A0	12.2	43	107	60	45	14	○
D105-03-12300A0	12.3	43	107	60	45	14	○
D105-03-12400A0	12.4	43	107	60	45	14	○
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D105-03-12600A0	12.6	43	107	60	45	14	●
D105-03-12700A0	12.7	43	107	60	45	14	●
D105-03-12800A0	12.8	43	107	60	45	14	●
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D105-03-13000A0	13.0	43	107	60	45	14	●
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D105-03-13400A0	13.4	43	107	60	45	14	○
D105-03-13500A0	13.5	43	107	60	45	14	●
D105-03-13600A0	13.6	43	107	60	45	14	○
D105-03-13700A0	13.7	43	107	60	45	14	○
D105-03-13800A0	13.8	43	107	60	45	14	○
D105-03-13900A0	13.9	43	107	60	45	14	○
D105-03-14000A0	14.0	43	107	60	45	14	●
D105-03-14100A0	14.1	45	115	65	48	16	○
D105-03-14200A0	14.2	45	115	65	48	16	●
D105-03-14300A0	14.3	45	115	65	48	16	○
D105-03-14400A0	14.4	45	115	65	48	16	○
D105-03-14500A0	14.5	45	115	65	48	16	●
D105-03-14600A0	14.6	45	115	65	48	16	○
D105-03-14700A0	14.7	45	115	65	48	16	●
D105-03-14800A0	14.8	45	115	65	48	16	○
D105-03-14900A0	14.9	45	115	65	48	16	○
D105-03-15000A0	15.0	45	115	65	48	16	●
D105-03-15100A0	15.1	45	115	65	48	16	○
D105-03-15200A0	15.2	45	115	65	48	16	○

接受非标定制

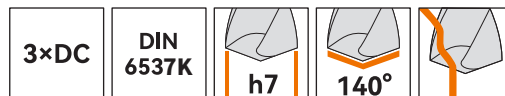
● 代表常规库存

○ 代表按需生产



●●理想选择
●第二选择

P	M	K	N	S	H
●●		●●	●		●

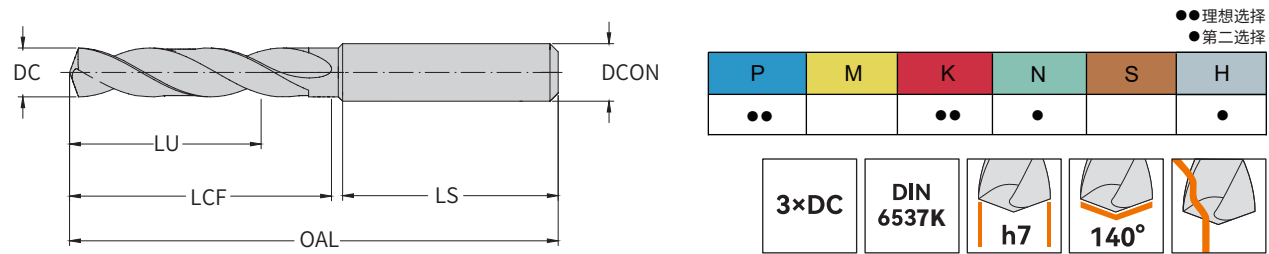


订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
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D105-03-15400A0	15.4	45	115	65	48	16	○
D105-03-15500A0	15.5	45	115	65	48	16	●
D105-03-15600A0	15.6	45	115	65	48	16	○
D105-03-15700A0	15.7	45	115	65	48	16	○
D105-03-15800A0	15.8	45	115	65	48	16	○
D105-03-15900A0	15.9	45	115	65	48	16	○
D105-03-16000A0	16.0	45	115	65	48	16	●
D105-03-16100A0	16.1	51	123	73	48	18	○
D105-03-16200A0	16.2	51	123	73	48	18	○
D105-03-16300A0	16.3	51	123	73	48	18	○
D105-03-16400A0	16.4	51	123	73	48	18	○
D105-03-16500A0	16.5	51	123	73	48	18	●
D105-03-16600A0	16.6	51	123	73	48	18	○
D105-03-16700A0	16.7	51	123	73	48	18	○
D105-03-16800A0	16.8	51	123	73	48	18	○
D105-03-16900A0	16.9	51	123	73	48	18	○
D105-03-17000A0	17.0	51	123	73	48	18	●
D105-03-17100A0	17.1	51	123	73	48	18	○
D105-03-17200A0	17.2	51	123	73	48	18	○
D105-03-17300A0	17.3	51	123	73	48	18	○
D105-03-17400A0	17.4	51	123	73	48	18	○
D105-03-17500A0	17.5	51	123	73	48	18	●
D105-03-17600A0	17.6	51	123	73	48	18	○
D105-03-17700A0	17.7	51	123	73	48	18	○
D105-03-17800A0	17.8	51	123	73	48	18	○
D105-03-17900A0	17.9	51	123	73	48	18	○
D105-03-18000A0	18.0	51	123	73	48	18	●
D105-03-18100A0	18.1	55	131	79	50	20	○
D105-03-18200A0	18.2	55	131	79	50	20	○
D105-03-18300A0	18.3	55	131	79	50	20	○
D105-03-18400A0	18.4	55	131	79	50	20	○
D105-03-18500A0	18.5	55	131	79	50	20	●
D105-03-18600A0	18.6	55	131	79	50	20	○
D105-03-18700A0	18.7	55	131	79	50	20	○
D105-03-18800A0	18.8	55	131	79	50	20	○
D105-03-18900A0	18.9	55	131	79	50	20	○
D105-03-19000A0	19.0	55	131	79	50	20	●
D105-03-19100A0	19.1	55	131	79	50	20	○
D105-03-19200A0	19.2	55	131	79	50	20	○
D105-03-19300A0	19.3	55	131	79	50	20	○

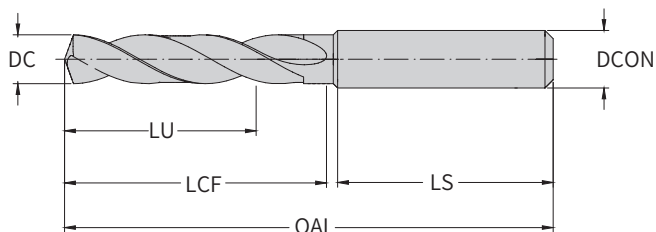
接受非标定制

● 代表常规库存

○ 代表按需生产

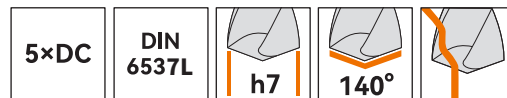


● D105外冷_5xDc



●● 理想选择
● 第二选择

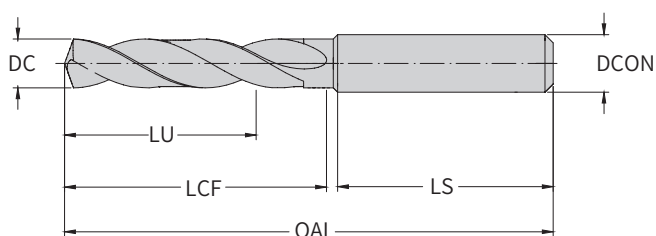
P	M	K	N	S	H
●●		●●	●		●



订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-03000A0	3.0	23	66	28	36	4	●
D105-05-03100A0	3.1	23	66	28	36	4	●
D105-05-03200A0	3.2	23	66	28	36	4	●
D105-05-03300A0	3.3	23	66	28	36	4	●
D105-05-03400A0	3.4	23	66	28	36	4	●
D105-05-03500A0	3.5	23	66	28	36	4	●
D105-05-03600A0	3.6	23	66	28	36	4	●
D105-05-03700A0	3.7	23	66	28	36	4	●
D105-05-03800A0	3.8	29	74	36	36	4	●
D105-05-03900A0	3.9	29	74	36	36	4	●
D105-05-04000A0	4.0	29	74	36	36	4	●
D105-05-04100A0	4.1	29	74	36	36	6	○
D105-05-04200A0	4.2	29	74	36	36	6	●
D105-05-04300A0	4.3	29	74	36	36	6	●
D105-05-04400A0	4.4	29	74	36	36	6	○
D105-05-04500A0	4.5	29	74	36	36	6	●
D105-05-04600A0	4.6	29	74	36	36	6	●
D105-05-04700A0	4.7	29	74	36	36	6	●
D105-05-04800A0	4.8	35	82	44	36	6	●
D105-05-04900A0	4.9	35	82	44	36	6	●
D105-05-05000A0	5.0	35	82	44	36	6	●
D105-05-05100A0	5.1	35	82	44	36	6	●
D105-05-05200A0	5.2	35	82	44	36	6	●
D105-05-05300A0	5.3	35	82	44	36	6	●
D105-05-05400A0	5.4	35	82	44	36	6	●
D105-05-05500A0	5.5	35	82	44	36	6	●
D105-05-05600A0	5.6	35	82	44	36	6	●
D105-05-05700A0	5.7	35	82	44	36	6	●
D105-05-05800A0	5.8	35	82	44	36	6	●
D105-05-05900A0	5.9	35	82	44	36	6	●
D105-05-06000A0	6.0	35	82	44	36	6	●
D105-05-06100A0	6.1	43	91	53	36	8	●
D105-05-06200A0	6.2	43	91	53	36	8	●
D105-05-06300A0	6.3	43	91	53	36	8	●
D105-05-06400A0	6.4	43	91	53	36	8	●
D105-05-06500A0	6.5	43	91	53	36	8	●
D105-05-06600A0	6.6	43	91	53	36	8	●
D105-05-06700A0	6.7	43	91	53	36	8	●
D105-05-06800A0	6.8	43	91	53	36	8	●
D105-05-06900A0	6.9	43	91	53	36	8	●
D105-05-07000A0	7.0	43	91	53	36	8	●

接受非标定制

● 代表常规库存
○ 代表按需生产


 ●●理想选择
 ●第二选择

P	M	K	N	S	H
●●		●●	●		●

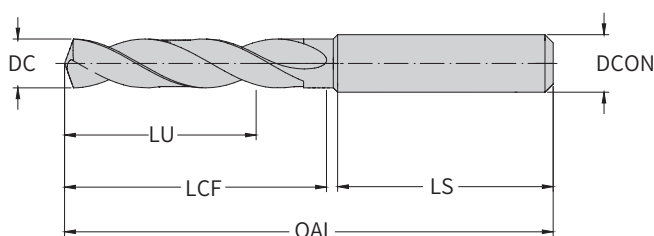


订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-07100A0	7.1	43	91	53	36	8	○
D105-05-07200A0	7.2	43	91	53	36	8	○
D105-05-07300A0	7.3	43	91	53	36	8	○
D105-05-07400A0	7.4	43	91	53	36	8	●
D105-05-07500A0	7.5	43	91	53	36	8	●
D105-05-07600A0	7.6	43	91	53	36	8	○
D105-05-07700A0	7.7	43	91	53	36	8	○
D105-05-07800A0	7.8	43	91	53	36	8	●
D105-05-07900A0	7.9	43	91	53	36	8	○
D105-05-08000A0	8.0	43	91	53	36	8	●
D105-05-08100A0	8.1	49	103	61	40	10	●
D105-05-08200A0	8.2	49	103	61	40	10	●
D105-05-08300A0	8.3	49	103	61	40	10	●
D105-05-08400A0	8.4	49	103	61	40	10	●
D105-05-08500A0	8.5	49	103	61	40	10	●
D105-05-08600A0	8.6	49	103	61	40	10	●
D105-05-08700A0	8.7	49	103	61	40	10	●
D105-05-08800A0	8.8	49	103	61	40	10	●
D105-05-08900A0	8.9	49	103	61	40	10	●
D105-05-09000A0	9.0	49	103	61	40	10	●
D105-05-09100A0	9.1	49	103	61	40	10	●
D105-05-09200A0	9.2	49	103	61	40	10	●
D105-05-09300A0	9.3	49	103	61	40	10	○
D105-05-09400A0	9.4	49	103	61	40	10	●
D105-05-09500A0	9.5	49	103	61	40	10	●
D105-05-09600A0	9.6	49	103	61	40	10	○
D105-05-09700A0	9.7	49	103	61	40	10	○
D105-05-09800A0	9.8	49	103	61	40	10	●
D105-05-09900A0	9.9	49	103	61	40	10	○
D105-05-10000A0	10.0	49	103	61	40	10	●
D105-05-10100A0	10.1	56	118	71	45	12	○
D105-05-10200A0	10.2	56	118	71	45	12	●
D105-05-10300A0	10.3	56	118	71	45	12	●
D105-05-10400A0	10.4	56	118	71	45	12	●
D105-05-10500A0	10.5	56	118	71	45	12	●
D105-05-10600A0	10.6	56	118	71	45	12	○
D105-05-10700A0	10.7	56	118	71	45	12	○
D105-05-10800A0	10.8	56	118	71	45	12	●
D105-05-10900A0	10.9	56	118	71	45	12	○
D105-05-11000A0	11.0	56	118	71	45	12	●
D105-05-11100A0	11.1	56	118	71	45	12	○

接受非标定制

● 代表常规库存

○ 代表按需生产


 ●●理想选择
 ●第二选择

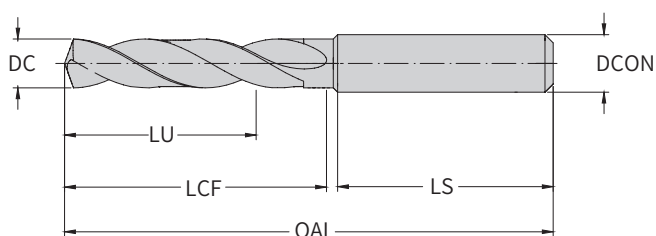
P	M	K	N	S	H
●●		●●	●		●



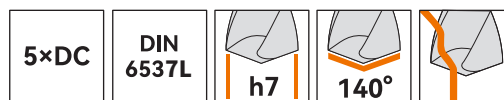
订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-11200A0	11.2	56	118	71	45	12	●
D105-05-11300A0	11.3	56	118	71	45	12	○
D105-05-11400A0	11.4	56	118	71	45	12	○
D105-05-11500A0	11.5	56	118	71	45	12	●
D105-05-11600A0	11.6	56	118	71	45	12	○
D105-05-11700A0	11.7	56	118	71	45	12	○
D105-05-11800A0	11.8	56	118	71	45	12	●
D105-05-11900A0	11.9	56	118	71	45	12	○
D105-05-12000A0	12.0	56	118	71	45	12	●
D105-05-12100A0	12.1	60	124	77	45	14	○
D105-05-12200A0	12.2	60	124	77	45	14	●
D105-05-12300A0	12.3	60	124	77	45	14	○
D105-05-12400A0	12.4	60	124	77	45	14	○
D105-05-12500A0	12.5	60	124	77	45	14	●
D105-05-12600A0	12.6	60	124	77	45	14	○
D105-05-12700A0	12.7	60	124	77	45	14	○
D105-05-12800A0	12.8	60	124	77	45	14	○
D105-05-12900A0	12.9	60	124	77	45	14	○
D105-05-13000A0	13.0	60	124	77	45	14	●
D105-05-13100A0	13.1	60	124	77	45	14	○
D105-05-13200A0	13.2	60	124	77	45	14	○
D105-05-13300A0	13.3	60	124	77	45	14	○
D105-05-13400A0	13.4	60	124	77	45	14	○
D105-05-13500A0	13.5	60	124	77	45	14	●
D105-05-13600A0	13.6	60	124	77	45	14	○
D105-05-13700A0	13.7	60	124	77	45	14	○
D105-05-13800A0	13.8	60	124	77	45	14	○
D105-05-13900A0	13.9	60	124	77	45	14	○
D105-05-14000A0	14.0	60	124	77	45	14	●
D105-05-14100A0	14.1	63	133	83	48	16	○
D105-05-14200A0	14.2	63	133	83	48	16	○
D105-05-14300A0	14.3	63	133	83	48	16	○
D105-05-14400A0	14.4	63	133	83	48	16	○
D105-05-14500A0	14.5	63	133	83	48	16	●
D105-05-14600A0	14.6	63	133	83	48	16	○
D105-05-14700A0	14.7	63	133	83	48	16	○
D105-05-14800A0	14.8	63	133	83	48	16	○
D105-05-14900A0	14.9	63	133	83	48	16	○
D105-05-15000A0	15.0	63	133	83	48	16	●
D105-05-15100A0	15.1	63	133	83	48	16	○
D105-05-15200A0	15.2	63	133	83	48	16	○

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产


 ●●理想选择
 ●第二选择

P	M	K	N	S	H
●●		●●	●		●

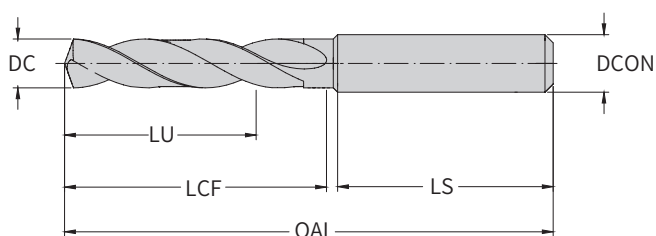


订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-15300A0	15.3	63	133	83	48	16	○
D105-05-15400A0	15.4	63	133	83	48	16	○
D105-05-15500A0	15.5	63	133	83	48	16	●
D105-05-15600A0	15.6	63	133	83	48	16	○
D105-05-15700A0	15.7	63	133	83	48	16	○
D105-05-15800A0	15.8	63	133	83	48	16	○
D105-05-15900A0	15.9	63	133	83	48	16	○
D105-05-16000A0	16.0	63	133	83	48	16	●
D105-05-16100A0	16.1	71	143	93	48	18	○
D105-05-16200A0	16.2	71	143	93	48	18	○
D105-05-16300A0	16.3	71	143	93	48	18	○
D105-05-16400A0	16.4	71	143	93	48	18	○
D105-05-16500A0	16.5	71	143	93	48	18	●
D105-05-16600A0	16.6	71	143	93	48	18	○
D105-05-16700A0	16.7	71	143	93	48	18	○
D105-05-16800A0	16.8	71	143	93	48	18	○
D105-05-16900A0	16.9	71	143	93	48	18	○
D105-05-17000A0	17.0	71	143	93	48	18	●
D105-05-17100A0	17.1	71	143	93	48	18	○
D105-05-17200A0	17.2	71	143	93	48	18	○
D105-05-17300A0	17.3	71	143	93	48	18	○
D105-05-17400A0	17.4	71	143	93	48	18	○
D105-05-17500A0	17.5	71	143	93	48	18	●
D105-05-17600A0	17.6	71	143	93	48	18	○
D105-05-17700A0	17.7	71	143	93	48	18	○
D105-05-17800A0	17.8	71	143	93	48	18	○
D105-05-17900A0	17.9	71	143	93	48	18	○
D105-05-18000A0	18.0	71	143	93	48	18	●
D105-05-18100A0	18.1	77	153	101	50	20	○
D105-05-18200A0	18.2	77	153	101	50	20	○
D105-05-18300A0	18.3	77	153	101	50	20	○
D105-05-18400A0	18.4	77	153	101	50	20	○
D105-05-18500A0	18.5	77	153	101	50	20	●
D105-05-18600A0	18.6	77	153	101	50	20	○
D105-05-18700A0	18.7	77	153	101	50	20	○
D105-05-18800A0	18.8	77	153	101	50	20	○
D105-05-18900A0	18.9	77	153	101	50	20	○
D105-05-19000A0	19.0	77	153	101	50	20	●
D105-05-19100A0	19.1	77	153	101	50	20	○
D105-05-19200A0	19.2	77	153	101	50	20	○
D105-05-19300A0	19.3	77	153	101	50	20	○

接受非标定制

● 代表常规库存

○ 代表按需生产



●●理想选择
 ●第二选择

P	M	K	N	S	H
●●		●●	●		●

5×DC

DIN 6537L

h7

140°

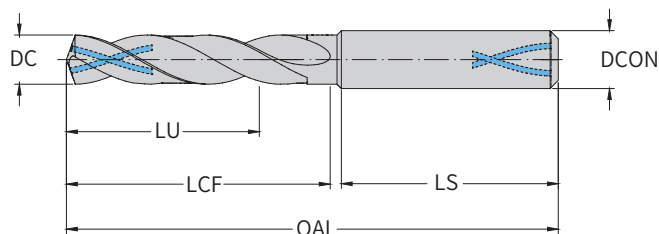
订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-19400A0	19.4	77	153	101	50	20	○
D105-05-19500A0	19.5	77	153	101	50	20	●
D105-05-19600A0	19.6	77	153	101	50	20	○
D105-05-19700A0	19.7	77	153	101	50	20	○
D105-05-19800A0	19.8	77	153	101	50	20	○
D105-05-19900A0	19.9	77	153	101	50	20	○
D105-05-20000A0	20.0	77	153	101	50	20	○

接受非标定制

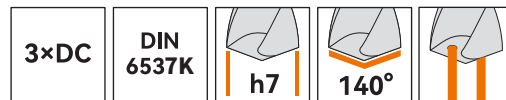
● 代表常规库存

○ 代表按需生产

D105 内冷_3xDc


 ●●理想选择
 ●第二选择

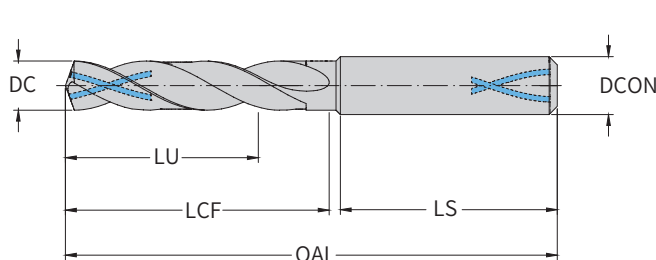
P	M	K	N	S	H
●●	●	●●	●●	●	●



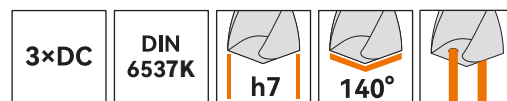
订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-03-03000A1	3.0	14	62	20	36	4	○
D105-03-03100A1	3.1	14	62	20	36	4	○
D105-03-03200A1	3.2	14	62	20	36	4	○
D105-03-03300A1	3.3	14	62	20	36	4	●
D105-03-03400A1	3.4	14	62	20	36	4	●
D105-03-03500A1	3.5	14	62	20	36	4	○
D105-03-03600A1	3.6	14	62	20	36	4	○
D105-03-03700A1	3.7	14	62	20	36	4	○
D105-03-03800A1	3.8	17	66	24	36	4	●
D105-03-03900A1	3.9	17	66	24	36	4	○
D105-03-04000A1	4.0	17	66	24	36	4	●
D105-03-04100A1	4.1	17	66	24	36	6	○
D105-03-04200A1	4.2	17	66	24	36	6	○
D105-03-04300A1	4.3	17	66	24	36	6	●
D105-03-04400A1	4.4	17	66	24	36	6	●
D105-03-04500A1	4.5	17	66	24	36	6	●
D105-03-04600A1	4.6	17	66	24	36	6	○
D105-03-04700A1	4.7	17	66	24	36	6	○
D105-03-04800A1	4.8	20	66	28	36	6	○
D105-03-04900A1	4.9	20	66	28	36	6	○
D105-03-05000A1	5.0	20	66	28	36	6	●
D105-03-05100A1	5.1	20	66	28	36	6	●
D105-03-05200A1	5.2	20	66	28	36	6	○
D105-03-05300A1	5.3	20	66	28	36	6	○
D105-03-05400A1	5.4	20	66	28	36	6	○
D105-03-05500A1	5.5	20	66	28	36	6	○
D105-03-05600A1	5.6	20	66	28	36	6	○
D105-03-05700A1	5.7	20	66	28	36	6	○
D105-03-05800A1	5.8	20	66	28	36	6	●
D105-03-05900A1	5.9	20	66	28	36	6	○
D105-03-06000A1	6.0	20	66	28	36	6	●
D105-03-06100A1	6.1	24	79	34	36	8	●
D105-03-06200A1	6.2	24	79	34	36	8	○
D105-03-06300A1	6.3	24	79	34	36	8	○
D105-03-06400A1	6.4	24	79	34	36	8	○
D105-03-06500A1	6.5	24	79	34	36	8	○
D105-03-06600A1	6.6	24	79	34	36	8	○
D105-03-06700A1	6.7	24	79	34	36	8	○
D105-03-06800A1	6.8	24	79	34	36	8	●
D105-03-06900A1	6.9	24	79	34	36	8	○
D105-03-07000A1	7.0	24	79	34	36	8	●

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产


 ●●理想选择
 ●第二选择

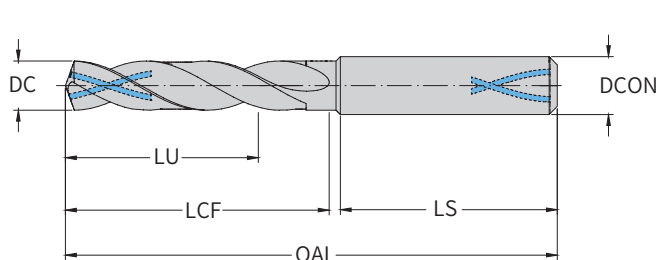
P	M	K	N	S	H
●●	●	●●	●●	●	●



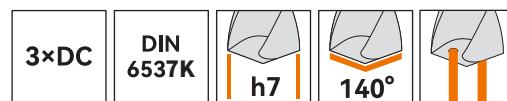
订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-03-07100A1	7.1	29	79	41	36	8	○
D105-03-07200A1	7.2	29	79	41	36	8	○
D105-03-07300A1	7.3	29	79	41	36	8	●
D105-03-07400A1	7.4	29	79	41	36	8	○
D105-03-07500A1	7.5	29	79	41	36	8	●
D105-03-07600A1	7.6	29	79	41	36	8	○
D105-03-07700A1	7.7	29	79	41	36	8	○
D105-03-07800A1	7.8	29	79	41	36	8	○
D105-03-07900A1	7.9	29	79	41	36	8	○
D105-03-08000A1	8.0	29	79	41	36	8	●
D105-03-08100A1	8.1	35	89	47	40	10	●
D105-03-08200A1	8.2	35	89	47	40	10	○
D105-03-08300A1	8.3	35	89	47	40	10	○
D105-03-08400A1	8.4	35	89	47	40	10	○
D105-03-08500A1	8.5	35	89	47	40	10	●
D105-03-08600A1	8.6	35	89	47	40	10	○
D105-03-08700A1	8.7	35	89	47	40	10	○
D105-03-08800A1	8.8	35	89	47	40	10	●
D105-03-08900A1	8.9	35	89	47	40	10	○
D105-03-09000A1	9.0	35	89	47	40	10	●
D105-03-09100A1	9.1	35	89	47	40	10	○
D105-03-09200A1	9.2	35	89	47	40	10	●
D105-03-09300A1	9.3	35	89	47	40	10	○
D105-03-09400A1	9.4	35	89	47	40	10	●
D105-03-09500A1	9.5	35	89	47	40	10	●
D105-03-09600A1	9.6	35	89	47	40	10	●
D105-03-09700A1	9.7	35	89	47	40	10	○
D105-03-09800A1	9.8	35	89	47	40	10	○
D105-03-09900A1	9.9	35	89	47	40	10	○
D105-03-10000A1	10.0	35	89	47	40	10	●
D105-03-10100A1	10.1	40	102	55	45	12	●
D105-03-10200A1	10.2	40	102	55	45	12	○
D105-03-10300A1	10.3	40	102	55	45	12	●
D105-03-10400A1	10.4	40	102	55	45	12	○
D105-03-10500A1	10.5	40	102	55	45	12	○
D105-03-10600A1	10.6	40	102	55	45	12	○
D105-03-10700A1	10.7	40	102	55	45	12	○
D105-03-10800A1	10.8	40	102	55	45	12	○
D105-03-10900A1	10.9	40	102	55	45	12	○
D105-03-11000A1	11.0	40	102	55	45	12	○
D105-03-11100A1	11.1	40	102	55	45	12	○

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产


 ●●理想选择
 ●第二选择

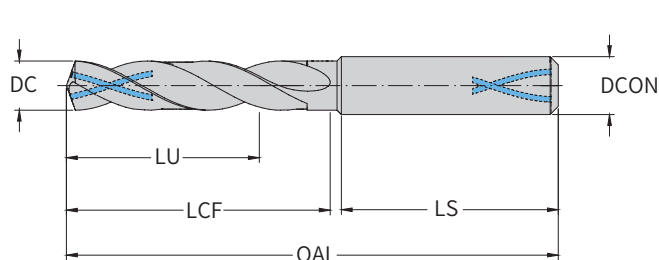
P	M	K	N	S	H
●●	●	●●	●●	●	●



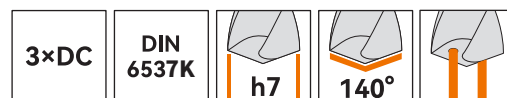
订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-03-11200A1	11.2	40	102	55	45	12	●
D105-03-11300A1	11.3	40	102	55	45	12	○
D105-03-11400A1	11.4	40	102	55	45	12	○
D105-03-11500A1	11.5	40	102	55	45	12	○
D105-03-11600A1	11.6	40	102	55	45	12	○
D105-03-11700A1	11.7	40	102	55	45	12	○
D105-03-11800A1	11.8	40	102	55	45	12	○
D105-03-11900A1	11.9	40	102	55	45	12	○
D105-03-12000A1	12.0	40	102	55	45	12	●
D105-03-12100A1	12.1	43	107	60	45	14	○
D105-03-12200A1	12.2	43	107	60	45	14	○
D105-03-12300A1	12.3	43	107	60	45	14	○
D105-03-12400A1	12.4	43	107	60	45	14	○
D105-03-12500A1	12.5	43	107	60	45	14	○
D105-03-12600A1	12.6	43	107	60	45	14	○
D105-03-12700A1	12.7	43	107	60	45	14	○
D105-03-12800A1	12.8	43	107	60	45	14	○
D105-03-12900A1	12.9	43	107	60	45	14	○
D105-03-13000A1	13.0	43	107	60	45	14	○
D105-03-13100A1	13.1	43	107	60	45	14	○
D105-03-13200A1	13.2	43	107	60	45	14	○
D105-03-13300A1	13.3	43	107	60	45	14	○
D105-03-13400A1	13.4	43	107	60	45	14	○
D105-03-13500A1	13.5	43	107	60	45	14	○
D105-03-13600A1	13.6	43	107	60	45	14	○
D105-03-13700A1	13.7	43	107	60	45	14	○
D105-03-13800A1	13.8	43	107	60	45	14	○
D105-03-13900A1	13.9	43	107	60	45	14	○
D105-03-14000A1	14.0	43	107	60	45	14	●
D105-03-14100A1	14.1	45	115	65	48	16	○
D105-03-14200A1	14.2	45	115	65	48	16	○
D105-03-14300A1	14.3	45	115	65	48	16	○
D105-03-14400A1	14.4	45	115	65	48	16	○
D105-03-14500A1	14.5	45	115	65	48	16	●
D105-03-14600A1	14.6	45	115	65	48	16	○
D105-03-14700A1	14.7	45	115	65	48	16	○
D105-03-14800A1	14.8	45	115	65	48	16	○
D105-03-14900A1	14.9	45	115	65	48	16	○
D105-03-15000A1	15.0	45	115	65	48	16	○
D105-03-15100A1	15.1	45	115	65	48	16	○
D105-03-15200A1	15.2	45	115	65	48	16	○

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产


 ●●理想选择
 ●第二选择

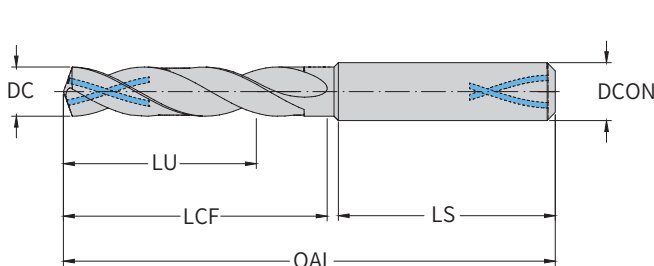
P	M	K	N	S	H
●●	●	●●	●●	●	●



订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-03-15300A1	15.3	45	115	65	48	16	○
D105-03-15400A1	15.4	45	115	65	48	16	○
D105-03-15500A1	15.5	45	115	65	48	16	○
D105-03-15600A1	15.6	45	115	65	48	16	○
D105-03-15700A1	15.7	45	115	65	48	16	○
D105-03-15800A1	15.8	45	115	65	48	16	○
D105-03-15900A1	15.9	45	115	65	48	16	○
D105-03-16000A1	16.0	45	115	65	48	16	○
D105-03-16100A1	16.1	51	123	73	48	18	○
D105-03-16200A1	16.2	51	123	73	48	18	○
D105-03-16300A1	16.3	51	123	73	48	18	○
D105-03-16400A1	16.4	51	123	73	48	18	○
D105-03-16500A1	16.5	51	123	73	48	18	○
D105-03-16600A1	16.6	51	123	73	48	18	○
D105-03-16700A1	16.7	51	123	73	48	18	○
D105-03-16800A1	16.8	51	123	73	48	18	○
D105-03-16900A1	16.9	51	123	73	48	18	○
D105-03-17000A1	17.0	51	123	73	48	18	○
D105-03-17100A1	17.1	51	123	73	48	18	○
D105-03-17200A1	17.2	51	123	73	48	18	○
D105-03-17300A1	17.3	51	123	73	48	18	○
D105-03-17400A1	17.4	51	123	73	48	18	○
D105-03-17500A1	17.5	51	123	73	48	18	○
D105-03-17600A1	17.6	51	123	73	48	18	○
D105-03-17700A1	17.7	51	123	73	48	18	○
D105-03-17800A1	17.8	51	123	73	48	18	○
D105-03-17900A1	17.9	51	123	73	48	18	○
D105-03-18000A1	18.0	51	123	73	48	18	○
D105-03-18100A1	18.1	55	131	79	50	20	○
D105-03-18200A1	18.2	55	131	79	50	20	○
D105-03-18300A1	18.3	55	131	79	50	20	○
D105-03-18400A1	18.4	55	131	79	50	20	○
D105-03-18500A1	18.5	55	131	79	50	20	○
D105-03-18600A1	18.6	55	131	79	50	20	○
D105-03-18700A1	18.7	55	131	79	50	20	○
D105-03-18800A1	18.8	55	131	79	50	20	○
D105-03-18900A1	18.9	55	131	79	50	20	○
D105-03-19000A1	19.0	55	131	79	50	20	○
D105-03-19100A1	19.1	55	131	79	50	20	○
D105-03-19200A1	19.2	55	131	79	50	20	○
D105-03-19300A1	19.3	55	131	79	50	20	○

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产



●●理想选择
 ●第二选择

P	M	K	N	S	H
●●	●	●●	●●	●	●

3×DC

DIN 6537K

h7

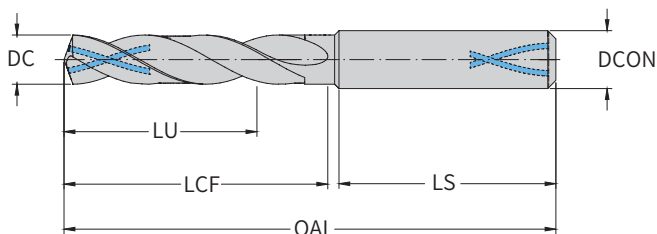
140°

订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-03-19400A1	19.4	55	131	79	50	20	○
D105-03-19500A1	19.5	55	131	79	50	20	○
D105-03-19600A1	19.6	55	131	79	50	20	○
D105-03-19700A1	19.7	55	131	79	50	20	○
D105-03-19800A1	19.8	55	131	79	50	20	○
D105-03-19900A1	19.9	55	131	79	50	20	○
D105-03-20000A1	20.0	55	131	79	50	20	○

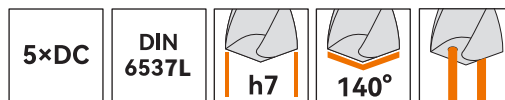
接受非标定制

● 代表常规库存
 ○ 代表按需生产

D105内冷_5xDc


 ●● 理想选择
 ● 第二选择

P	M	K	N	S	H
●●	●	●●	●●	●	●

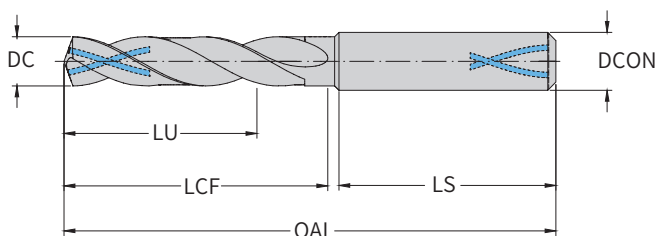


订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-03000A1	3.0	23	66	28	36	4	●
D105-05-03100A1	3.1	23	66	28	36	4	○
D105-05-03200A1	3.2	23	66	28	36	4	○
D105-05-03300A1	3.3	23	66	28	36	4	●
D105-05-03400A1	3.4	23	66	28	36	4	●
D105-05-03500A1	3.5	23	66	28	36	4	●
D105-05-03600A1	3.6	23	66	28	36	4	○
D105-05-03700A1	3.7	23	66	28	36	4	○
D105-05-03800A1	3.8	29	74	36	36	4	○
D105-05-03900A1	3.9	29	74	36	36	4	○
D105-05-04000A1	4.0	29	74	36	36	4	●
D105-05-04100A1	4.1	29	74	36	36	6	○
D105-05-04200A1	4.2	29	74	36	36	6	●
D105-05-04300A1	4.3	29	74	36	36	6	○
D105-05-04400A1	4.4	29	74	36	36	6	○
D105-05-04500A1	4.5	29	74	36	36	6	○
D105-05-04600A1	4.6	29	74	36	36	6	○
D105-05-04700A1	4.7	29	74	36	36	6	○
D105-05-04800A1	4.8	35	82	44	36	6	○
D105-05-04900A1	4.9	35	82	44	36	6	○
D105-05-05000A1	5.0	35	82	44	36	6	●
D105-05-05100A1	5.1	35	82	44	36	6	●
D105-05-05200A1	5.2	35	82	44	36	6	●
D105-05-05300A1	5.3	35	82	44	36	6	●
D105-05-05400A1	5.4	35	82	44	36	6	○
D105-05-05500A1	5.5	35	82	44	36	6	○
D105-05-05600A1	5.6	35	82	44	36	6	○
D105-05-05700A1	5.7	35	82	44	36	6	●
D105-05-05800A1	5.8	35	82	44	36	6	●
D105-05-05900A1	5.9	35	82	44	36	6	●
D105-05-06000A1	6.0	35	82	44	36	6	●
D105-05-06100A1	6.1	43	91	53	36	8	○
D105-05-06200A1	6.2	43	91	53	36	8	○
D105-05-06300A1	6.3	43	91	53	36	8	○
D105-05-06400A1	6.4	43	91	53	36	8	○
D105-05-06500A1	6.5	43	91	53	36	8	●
D105-05-06600A1	6.6	43	91	53	36	8	○
D105-05-06700A1	6.7	43	91	53	36	8	○
D105-05-06800A1	6.8	43	91	53	36	8	●
D105-05-06900A1	6.9	43	91	53	36	8	○
D105-05-07000A1	7.0	43	91	53	36	8	●

接受非标定制

● 代表常规库存

○ 代表按需生产


 ●●理想选择
 ●第二选择

P	M	K	N	S	H
●●	●	●●	●●	●	●

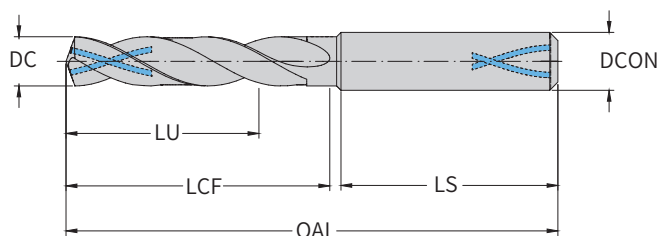


订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-07100A1	7.1	43	91	53	36	8	○
D105-05-07200A1	7.2	43	91	53	36	8	○
D105-05-07300A1	7.3	43	91	53	36	8	○
D105-05-07400A1	7.4	43	91	53	36	8	●
D105-05-07500A1	7.5	43	91	53	36	8	○
D105-05-07600A1	7.6	43	91	53	36	8	○
D105-05-07700A1	7.7	43	91	53	36	8	○
D105-05-07800A1	7.8	43	91	53	36	8	○
D105-05-07900A1	7.9	43	91	53	36	8	○
D105-05-08000A1	8.0	43	91	53	36	8	●
D105-05-08100A1	8.1	49	103	61	40	10	○
D105-05-08200A1	8.2	49	103	61	40	10	○
D105-05-08300A1	8.3	49	103	61	40	10	○
D105-05-08400A1	8.4	49	103	61	40	10	○
D105-05-08500A1	8.5	49	103	61	40	10	●
D105-05-08600A1	8.6	49	103	61	40	10	●
D105-05-08700A1	8.7	49	103	61	40	10	○
D105-05-08800A1	8.8	49	103	61	40	10	●
D105-05-08900A1	8.9	49	103	61	40	10	○
D105-05-09000A1	9.0	49	103	61	40	10	●
D105-05-09100A1	9.1	49	103	61	40	10	○
D105-05-09200A1	9.2	49	103	61	40	10	○
D105-05-09300A1	9.3	49	103	61	40	10	○
D105-05-09400A1	9.4	49	103	61	40	10	○
D105-05-09500A1	9.5	49	103	61	40	10	○
D105-05-09600A1	9.6	49	103	61	40	10	○
D105-05-09700A1	9.7	49	103	61	40	10	○
D105-05-09800A1	9.8	49	103	61	40	10	○
D105-05-09900A1	9.9	49	103	61	40	10	○
D105-05-10000A1	10.0	49	103	61	40	10	●
D105-05-10100A1	10.1	56	118	71	45	12	○
D105-05-10200A1	10.2	56	118	71	45	12	●
D105-05-10300A1	10.3	56	118	71	45	12	●
D105-05-10400A1	10.4	56	118	71	45	12	○
D105-05-10500A1	10.5	56	118	71	45	12	●
D105-05-10600A1	10.6	56	118	71	45	12	○
D105-05-10700A1	10.7	56	118	71	45	12	○
D105-05-10800A1	10.8	56	118	71	45	12	○
D105-05-10900A1	10.9	56	118	71	45	12	○
D105-05-11000A1	11.0	56	118	71	45	12	●
D105-05-11100A1	11.1	56	118	71	45	12	○

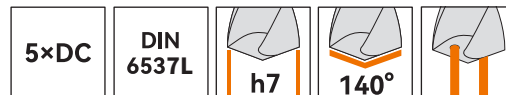
接受非标定制

● 代表常规库存

○ 代表按需生产


 ●●理想选择
 ●第二选择

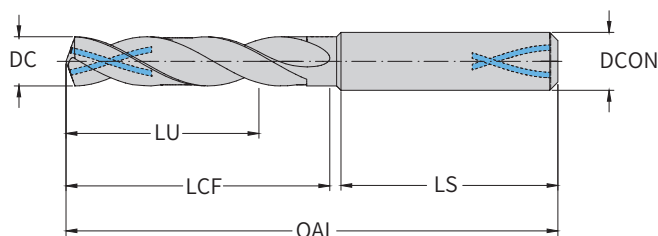
P	M	K	N	S	H
●●	●	●●	●●	●	●



订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-11200A1	11.2	56	118	71	45	12	○
D105-05-11300A1	11.3	56	118	71	45	12	○
D105-05-11400A1	11.4	56	118	71	45	12	○
D105-05-11500A1	11.5	56	118	71	45	12	●
D105-05-11600A1	11.6	56	118	71	45	12	○
D105-05-11700A1	11.7	56	118	71	45	12	○
D105-05-11800A1	11.8	56	118	71	45	12	○
D105-05-11900A1	11.9	56	118	71	45	12	○
D105-05-12000A1	12.0	56	118	71	45	12	●
D105-05-12100A1	12.1	60	124	77	45	14	○
D105-05-12200A1	12.2	60	124	77	45	14	○
D105-05-12300A1	12.3	60	124	77	45	14	○
D105-05-12400A1	12.4	60	124	77	45	14	○
D105-05-12500A1	12.5	60	124	77	45	14	●
D105-05-12600A1	12.6	60	124	77	45	14	○
D105-05-12700A1	12.7	60	124	77	45	14	○
D105-05-12800A1	12.8	60	124	77	45	14	○
D105-05-12900A1	12.9	60	124	77	45	14	○
D105-05-13000A1	13.0	60	124	77	45	14	●
D105-05-13100A1	13.1	60	124	77	45	14	○
D105-05-13200A1	13.2	60	124	77	45	14	○
D105-05-13300A1	13.3	60	124	77	45	14	○
D105-05-13400A1	13.4	60	124	77	45	14	○
D105-05-13500A1	13.5	60	124	77	45	14	●
D105-05-13600A1	13.6	60	124	77	45	14	○
D105-05-13700A1	13.7	60	124	77	45	14	○
D105-05-13800A1	13.8	60	124	77	45	14	○
D105-05-13900A1	13.9	60	124	77	45	14	○
D105-05-14000A1	14.0	60	124	77	45	14	●
D105-05-14100A1	14.1	63	133	83	48	16	●
D105-05-14200A1	14.2	63	133	83	48	16	○
D105-05-14300A1	14.3	63	133	83	48	16	○
D105-05-14400A1	14.4	63	133	83	48	16	○
D105-05-14500A1	14.5	63	133	83	48	16	○
D105-05-14600A1	14.6	63	133	83	48	16	○
D105-05-14700A1	14.7	63	133	83	48	16	○
D105-05-14800A1	14.8	63	133	83	48	16	○
D105-05-14900A1	14.9	63	133	83	48	16	○
D105-05-15000A1	15.0	63	133	83	48	16	●
D105-05-15100A1	15.1	63	133	83	48	16	○
D105-05-15200A1	15.2	63	133	83	48	16	○

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产


 ●●理想选择
 ●第二选择

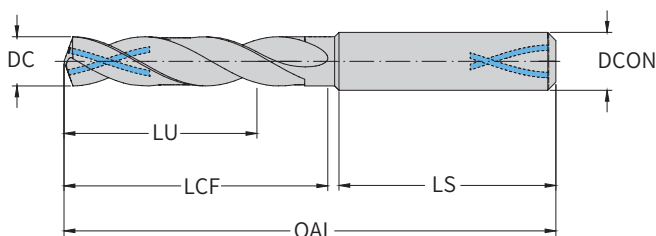
P	M	K	N	S	H
●●	●	●●	●●	●	●



订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-15300A1	15.3	63	133	83	48	16	○
D105-05-15400A1	15.4	63	133	83	48	16	○
D105-05-15500A1	15.5	63	133	83	48	16	○
D105-05-15600A1	15.6	63	133	83	48	16	○
D105-05-15700A1	15.7	63	133	83	48	16	○
D105-05-15800A1	15.8	63	133	83	48	16	○
D105-05-15900A1	15.9	63	133	83	48	16	○
D105-05-16000A1	16.0	63	133	83	48	16	○
D105-05-16100A1	16.1	71	143	93	48	18	○
D105-05-16200A1	16.2	71	143	93	48	18	○
D105-05-16300A1	16.3	71	143	93	48	18	○
D105-05-16400A1	16.4	71	143	93	48	18	○
D105-05-16500A1	16.5	71	143	93	48	18	○
D105-05-16600A1	16.6	71	143	93	48	18	○
D105-05-16700A1	16.7	71	143	93	48	18	○
D105-05-16800A1	16.8	71	143	93	48	18	○
D105-05-16900A1	16.9	71	143	93	48	18	○
D105-05-17000A1	17.0	71	143	93	48	18	○
D105-05-17100A1	17.1	71	143	93	48	18	○
D105-05-17200A1	17.2	71	143	93	48	18	○
D105-05-17300A1	17.3	71	143	93	48	18	○
D105-05-17400A1	17.4	71	143	93	48	18	○
D105-05-17500A1	17.5	71	143	93	48	18	○
D105-05-17600A1	17.6	71	143	93	48	18	○
D105-05-17700A1	17.7	71	143	93	48	18	○
D105-05-17800A1	17.8	71	143	93	48	18	○
D105-05-17900A1	17.9	71	143	93	48	18	○
D105-05-18000A1	18.0	71	143	93	48	18	○
D105-05-18100A1	18.1	77	153	101	50	20	○
D105-05-18200A1	18.2	77	153	101	50	20	○
D105-05-18300A1	18.3	77	153	101	50	20	○
D105-05-18400A1	18.4	77	153	101	50	20	○
D105-05-18500A1	18.5	77	153	101	50	20	○
D105-05-18600A1	18.6	77	153	101	50	20	○
D105-05-18700A1	18.7	77	153	101	50	20	○
D105-05-18800A1	18.8	77	153	101	50	20	○
D105-05-18900A1	18.9	77	153	101	50	20	○
D105-05-19000A1	19.0	77	153	101	50	20	○
D105-05-19100A1	19.1	77	153	101	50	20	○
D105-05-19200A1	19.2	77	153	101	50	20	○
D105-05-19300A1	19.3	77	153	101	50	20	○

接受非标定制

 ● 代表常规库存
 ○ 代表按需生产



●●理想选择
 ●第二选择

P	M	K	N	S	H
●●	●	●●	●●	●	●

5×DC

DIN 6537L

h7

140°

订货号	DC(h7) mm	LU mm	OAL mm	LCF mm	LS mm	DCON(h6) mm	库存
D105-05-19400A1	19.4	77	153	101	50	20	○
D105-05-19500A1	19.5	77	153	101	50	20	○
D105-05-19600A1	19.6	77	153	101	50	20	○
D105-05-19700A1	19.7	77	153	101	50	20	○
D105-05-19800A1	19.8	77	153	101	50	20	○
D105-05-19900A1	19.9	77	153	101	50	20	○
D105-05-20000A1	20.0	77	153	101	50	20	○

接受非标定制

● 代表常规库存

○ 代表按需生产



● 硬质合金钻头D105系列切削参数

Vc=切削速度 Cutting speed (m/min) 进给代码=进给参考表见第15页				钻头		3xDc			
									
				产品系列		D105		D105	
				直径范围(mm)		3.00-20.00		3.00-20.00	
				冷却		外冷		内冷	
应用范围材料				布氏硬度(HB)	抗拉强度Rm (N/mm²)	Vc	进给代码	Vc	进给代码
P	非合金钢	C≤0.25%	退火	125	428	100-110	F	110-120	F
		0.25 < C≤0.55%	退火	190	639	80-100	E	100-110	E
		0.25 < C≤0.55%	调质	210	708	80-100	E	100-110	E
		C > 0.55%	退火	190	639	90-100	E	100-110	E
		C > 0.55%	调质	300	1013	70-80	D	80-90	D
		易切削钢 (短切屑)	退火	220	745	100-120	F	110-120	F
	低合金钢	退火		175	591	80-100	E	80-110	E
		调质		285	960	70-90	D	70-90	D
		调质		380	1282	40-50	C	40-50	C
		调质		430	1477	35-45	B	35-45	B
	高合金钢和高合金工具钢	退火		200	675	75-85	D	75-85	D
		淬火并回火		300	1013	60-70	C	60-70	C
		淬火并回火		400	1361	50-60	C	50-60	C
		铁素体/马氏体, 退火		200	675	70-80	D	80-90	D
	不锈钢	马氏体, 调质		330	1114			45-60	C
M	不锈钢	奥氏体, 淬火		200	675			40-50	C
		奥氏体, 沉淀弥散硬化不锈钢 (PH不锈钢)		300	1013			40-50	C
		奥氏体 铁素体, 双相不锈钢		230	778			30-40	B
K	可锻铸铁	铁素体		200	400	110-130	G	120-130	G
		珠光体		260	700	85-100	G	90-110	G
	灰口铸铁	低抗拉强度		180	200	110-120	H	120-130	H
		高抗拉强度/奥氏体		245	350	80-100	G	90-110	G
	球墨铸铁	铁素体		155	400	110-120	G	120-130	H
		珠光体		265	700	60-80	F	60-80	F
	蠕墨铸铁GGV (CGI)			230	400	60-80	F	60-80	F
N	锻造铝合金	非时效处理		30	-	200-300	G	300-400	G
		可时效处理, 时效处理		100	340	200-300	G	300-400	G
	铸造铝合金	≤12%硅, 非时效处理		75	260	160-220	H	180-240	H
		≤12%硅, 可时效处理, 时效处理		90	310	160-200	H	180-200	H
		>12%硅, 非时效处理		130	450	130-160	G	140-180	G
	镁合金			70	250				
		非合金, 电解铜		100	340	120-160	C	140-170	D
		黄铜、青铜、红黄铜		90	310	110-140	E	120-140	E
		铜合金, 短切屑		110	380	120-150	F	140-180	F
S	高温合金	铁基	退火	200	680			30-40	B
			时效处理	280	940			20-25	A
		镍基或钴基	退火	250	840			20-30	B
			时效处理	350	1180			10-15	A
			铸造	320	1080			15-25	A
	钛合金	纯钛		200	680	30-40	B	40-50	C
		α相和β相合金, 时效处理		375	1260	20-30	A	25-35	B
		β相合金		410	1400			10-15	A
	钨合金			300	1010				
				300	1010				
H	淬硬钢	淬火并回火			50HRC	20-35	A	20-35	A
		淬火并回火			55HRC				
		淬火并回火			60HRC				
	淬硬铸铁	淬火并回火			55HRC				

推荐的切削参数为理论值, 特殊应用场合需要调整推荐值。



● 硬质合金钻头D105系列切削参数

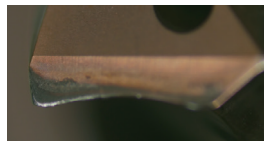
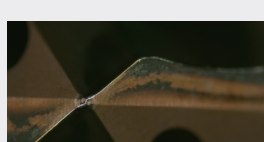
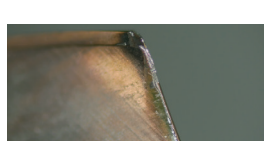
Vc=切削速度 Cutting speed (m/min) 进给代码=进给参考表见第15页				钻深		5xDc			
									
				产品系列		D105		D105	
				直径范围(mm)		3.00-20.00		3.00-20.00	
				冷却		外冷		内冷	
应用范围材料				布氏硬度(HB)	抗拉强度Rm (N/mm ²)	Vc	进给代码	Vc	进给代码
P	非合金钢	C≤0.25%	退火	125	428	100-110	F	110-120	F
		0.25 < C≤0.55%	退火	190	639	80-100	E	100-110	E
		0.25 < C≤0.55%	调质	210	708	80-100	E	100-110	E
		C > 0.55%	退火	190	639	90-100	E	100-110	E
		C > 0.55%	调质	300	1013	70-80	D	80-90	D
		易切削钢 (短切屑)	退火	220	745	100-120	F	110-120	F
	低合金钢	退火		175	591	80-100	E	80-110	E
		调质		285	960	70-90	D	70-90	D
		调质		380	1282	40-50	C	40-50	C
		调质		430	1477	35-45	B	35-45	B
	高合金钢和高合金工具钢	退火		200	675	75-85	D	75-85	D
		淬火并回火		300	1013	60-70	C	60-70	C
		淬火并回火		400	1361	50-60	C	50-60	C
		铁素体/马氏体, 退火		200	675	70-80	D	80-90	D
	不锈钢	马氏体, 调质		330	1114			45-60	C
M	不锈钢	奥氏体, 淬火		200	675			40-50	
		奥氏体, 沉淀弥散硬化不锈钢 (PH不锈钢)		300	1013			40-50	C
		奥氏体 铁素体, 双相不锈钢		230	778			30-40	
K	可锻铸铁	铁素体		200	400	110-130	G	120-130	G
		珠光体		260	700	85-100	G	90-110	G
	灰口铸铁	低抗拉强度		180	200	110-120	H	120-130	H
		高抗拉强度/奥氏体		245	350	80-100	G	90-110	G
	球墨铸铁	铁素体		155	400	110-120	G	120-130	G
		珠光体		265	700	60-80	F	60-80	F
	蠕墨铸铁GGV (CGI)			230	400	60-80	F	60-80	F
N	锻造铝合金	非时效处理		30	-	200-300	G	300-400	G
		可时效处理, 时效处理		100	340	200-300	G	300-400	G
	铸造铝合金	≤ 12%硅, 非时效处理		75	260	160-220	H	180-240	H
		≤ 12%硅, 可时效处理, 时效处理		90	310	160-200	H	180-200	H
		> 12%硅, 非时效处理		130	450	130-160	G	140-180	G
	镁合金			70	250				
		非合金, 电解铜		100	340	120-160	C	120-160	C
		黄铜、青铜、红黄铜		90	310	110-140	E	110-140	E
		铜合金, 短切屑		110	380	120-150	F	120-150	F
S	高温合金	铁基	退火	200	680				
			时效处理	280	940				
		镍基或钴基	退火	250	840				
			时效处理	350	1180				
			铸造	320	1080				
	钛合金	纯钛		200	680	30-40	B	30-40	B
		α相和β相合金, 时效处理		375	1260	20-30	A	20-30	A
		β相合金		410	1400				
	钨合金			300	1010				
	钼合金			300	1010				
H	淬硬钢	淬火并回火		50HRC		20-35	A	20-35	A
		淬火并回火		55HRC					
		淬火并回火		60HRC					
	淬硬铸铁	淬火并回火		55HRC					

推荐的切削参数为理论值, 特殊应用场合需要调整推荐值。

进给参考表

每转进给表 f (mm/ 转)									
钻头直径 mm		A	B	C	D	E	F	G	H
	3.0	0.03	0.04	0.05	0.06	0.08	0.10	0.12	0.14
	4.0	0.04	0.05	0.06	0.08	0.10	0.12	0.14	0.16
	5.0	0.05	0.06	0.07	0.09	0.10	0.12	0.16	0.18
	6.0	0.05	0.07	0.08	0.10	0.12	0.15	0.18	0.20
	8.0	0.06	0.08	0.10	0.12	0.15	0.18	0.20	0.23
	10.0	0.08	0.10	0.12	0.14	0.18	0.20	0.24	0.28
	12.0	0.10	0.12	0.14	0.18	0.20	0.24	0.28	0.32
	14.0	0.10	0.14	0.18	0.20	0.24	0.28	0.32	0.34
	16.0	0.12	0.15	0.18	0.20	0.25	0.30	0.34	0.36
	20.0	0.15	0.16	0.20	0.25	0.30	0.34	0.37	0.40

硬质合金钻头失效形式和解决措施

失效形式	图片示例	原因分析	措施
后刀面磨损 		• 由于工件和后刀面之间的摩擦而产生后刀面磨损	• 降低切削速度 • 提高进给量 • 提高冷却液流量 (例如通过提高冷却液压力)
积屑瘤  在前刀面上沿切削刃方向有材料粘结		• 被加工材料在刀具切削刃上的微焊导致积屑瘤	• 提高切削速度 • 提高冷却液流量 (例如通过提高冷却液压力)
崩刃  沿切削刃崩刃		• 刀具材料出现梳状热裂纹、切屑冲击、振动以及耐磨性过高会导致其崩刃	• 提早更换刀具并翻新 • 改善系统刚性 (工件 / 刀具)
塑性变形  切削刃变形 (特别是在横刃和刀尖圆角半径上)		• 较高的热量释放和机械负荷会导致塑性变形	• 降低进给量 • 提高冷却液流量 (例如通过提高冷却液压力)
月牙洼磨损  前刀面有磨痕和凹陷		• 前刀面上由于扩散和摩擦造成的月牙洼磨损	• 提高切削速度 • 提高进给量 • 提高冷却液压力

切削螺纹底孔直径速查表

M 公制 ISO 粗牙螺纹 DIN 13 和 DIN ISO 965-1			
D	D1		
直径	最小 (mm)	最大 (mm) 5H/6H	直径
M4	3.242	3.422	3.30
M4.5	3.688	3.878	3.70
M5	4.134	4.334	4.20
M6	4.917	5.153	5.00
M7	5.917	6.153	6.00
M8	6.647	6.912	6.80
M9	7.647	7.912	7.80
M10	8.376	8.676	8.50
M11	9.376	9.676	9.50
M12	10.106	10.441	10.20
M14	11.835	12.210	12.00
M16	13.835	14.210	14.00
M18	15.294	15.744	15.50
M20	17.294	17.744	17.50
M22	19.294	19.744	19.50

UNC 粗牙螺纹 ASME B1.1 标准			
D	D1		
直径 P Gg/1"	最小 (mm) 2B/3B	最大 (mm) 2B	直径
8-32 UNC	3.302	3.531	3.50
10-24 UNC	3.683	3.962	3.90
12-24 UNC	4.343	4.597	4.50
1/4-20 UNC	4.976	5.268	5.10
5/16-18 UNC	6.411	6.734	6.60
3/8-16 UNC	7.805	8.164	8.00
7/16-14 UNC	9.149	9.550	9.40
1/2-13 UNC	10.584	11.013	10.28
9/16-12 UNC	11.996	12.456	12.20
5/8-11 UNC	13.376	13.868	13.50
3/4-10 UNC	16.299	16.833	16.50
7/8-9 UNC	19.169	19.748	19.50

UNF 细牙螺纹 ASME B1.1 标准			
D	D1		
直径 P Gg/1"	最小 (mm) 2B/3B	最大 (mm) 2B	直径
8-36 UNF	3.404	3.607	3.50
10-32 UNF	3.962	4.166	4.10
12-28 UNF	4.496	4.724	4.60
1/4-28 UNF	5.367	5.580	5.50
5/16-24 UNF	6.792	7.038	6.90
3/8-24 UNF	8.379	8.626	8.50
7/16-20 UNF	9.738	10.030	9.90
1/2-20 UNF	11.326	11.618	11.50
9/16-18 UNF	12.761	13.084	12.90
5/8-18 UNF	14.348	14.671	14.50
3/4-16 UNF	17.330	17.689	17.50

MF 公制 ISO 细牙螺纹 DIN 13 和 DIN ISO 965-1		
D	D1	
直径 x P	最大 (mm) 5H/6H	直径
M3.5x0.35	3.221	3.15
M4x0.35	3.721	3.65
M4x0.5	3.599	3.50
M4.5x0.5	4.099	4.00
M5x0.35	4.721	4.65
M5x0.5	4.599	4.50
M5x0.75	4.378	4.20
M5x0.5	5.599	5.50
M6x0.75	5.378	5.25
M7x0.5	6.599	6.50
M7x0.75	6.378	6.25
M8x0.5	7.599	7.50
M8x0.75	7.378	7.25
M8x1	7.153	7.00
M9x0.75	8.378	8.25
M9x1	8.153	8.00
M10x0.5	9.599	9.50
M10x0.75	9.378	9.25
M10x1	9.153	9.00
M10x1.25	8.912	8.75
M11x1	10.153	10.00
M12x0.5	11.599	11.50
M12x1	11.153	11.00
M12x1.25	10.912	10.75
M12x1.5	10.676	10.50
M13x1	12.153	12.00
M14x0.75	13.378	13.20
M14x1	13.153	13.00
M14x1.25	12.912	12.75
M14x1.5	12.676	12.50
M15x1	14.153	14.00
M15x1.5	13.676	13.50
M16x0.75	15.378	15.20
M16x1	15.153	15.00
M16x1.25	14.912	14.80
M16x1.5	14.676	14.50
M17x1	16.153	16.00
M18x1	17.153	17.00
M18x1.5	16.676	16.50
M18x2	16.21	16.00
M20x1	19.153	19.00
M20x1.5	18.676	18.50
M20x2	18.21	18.00



● 挤压螺纹底孔直径速查表

M	公制 ISO 粗牙螺纹 DIN 13 和 DIN ISO 965-1
D	
直径	直径
M3.5	3.25
M4	3.70
M5	4.65
M6	5.55
M8	7.40
M10	9.30
M12	11.20
M14	13.10
M16	15.10
M18	16.90
M20	18.90

MF	公制 ISO 细牙螺纹 DIN 13 和 DIN ISO 965-1
D	
直径 x P	直径
M4x0.5	3.80
M5x0.5	4.80
M6x0.5	5.80
M6x0.75	5.65
M7x0.75	6.65
M8x0.75	7.65
M8x1	7.55
M10x0.75	9.65
M10x1	9.55
M10x1.25	9.40
M12x1	11.55
M12x1.25	11.40
M12x1.5	11.30
M14x1	13.55
M14x1.5	13.30
M16x1	15.55
M16x1.5	15.30
M18x1	17.55
M18x1.5	17.30
M20x1.5	19.30
M20x2	19.10
M22x1.5	21.30

UNC	粗牙螺纹 ASME B1.1 标准
D	
直径	直径
6-32 UNC	3.15
8-32 UNC	3.80
10-24 UNC	4.30
12-24 UNC	5.00
1/4-20 UNC	5.75
5/16-18 UNC	7.25
3/8-16 UNC	8.75
7/16-14 UNC	10.30
1/2-13 UNC	11.80
9/16-12 UNC	13.30
5/8-11 UNC	14.80
3/4-10 UNC	17.90

UNF	细牙螺纹 ASME B1.1 标准
D	
直径	直径
6-40 UNF	3.20
8-36 UNF	3.85
10-32 UNF	4.45
12-28 UNF	5.05
1/4-28 UNF	5.90
5/16-24 UNF	7.45
3/8-24 UNF	9.00
7/16-20 UNF	10.50
1/2-20 UNF	12.10
9/16-18 UNF	13.70
5/8-18 UNF	15.25
3/4-16 UNF	18.40