

ALSHA

CUTTINGTOOLS

孔加工
Holemaking



ALSHA

刀具样本

孔加工

阿利莎刀具（杭州）有限公司
Alsha Tools (HangZhou) Co., LTD
地址：杭州钱塘临江科技孵化园5-113
Add: Hangzhou Qiantang Linjiang Science and
Technology Incubation Park 5-113
TEL: 0571-86026863
E-Mail: info@alshatools.com
<http://www.alshatools.com>

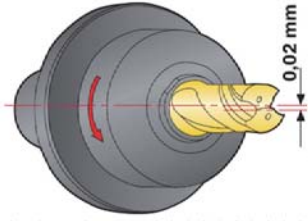
整体硬质合金钻头	1
定心钻	3
3D公制无内冷钻头	4~8
3D公制内冷钻头	9~13
5D公制内冷钻头	14~18
8D公制内冷钻头	19~23
12D公制内冷钻头	24~28
20D公制内冷钻头	29
5D内冷公制双刃带钻头	30~34
5D内冷3刃钻头	35~39
5D内冷直槽钻头	40~44
3D内冷平底钻头	45~49
3D内冷阶梯钻头	50
整体硬质合金铰刀	51
可转位刀片钻头	54~65
工件材料分类 SMG	66~69

致力于提升客户生产效率
在高精度高性能加工领域
为制造业做出贡献



SDJ03A-10.0-035-D10-N

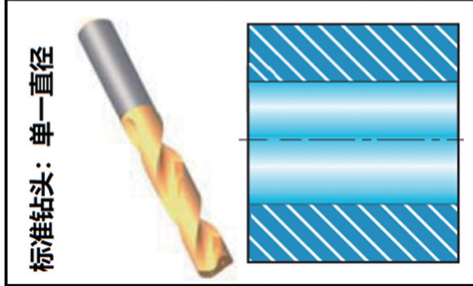
S	D	J	03	A	-10.0	-035	-D10	-P
Solid	Drill	J系列	3倍径	内冷	直径	有效孔深	柄径	高性能钻头
								P: 钢 M: 不锈钢 K: 铸铁 N: 铝合金



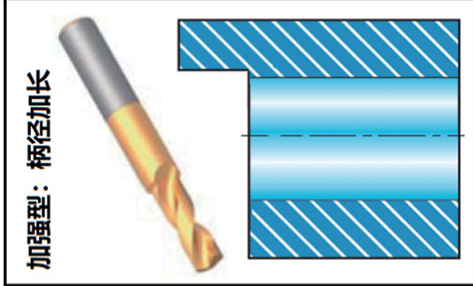
- ◆ 装夹/跳动
 - 使用热装或液压刀柄或高精度筒夹刀柄
 - 跳动 <0.02 mm
 - 如果跳动 >0.02 mm, 速度降低20%
 - 跳动最大为0.04 mm

- ◆ 冷却
 - 推荐的最低压力为 30 Bar

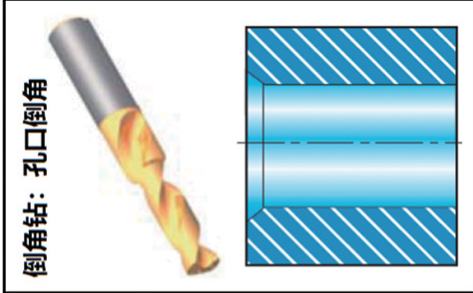
- ◆ 稳定性
 - 如果加工不稳定、材料硬度高或者压力不足。参数降低20%



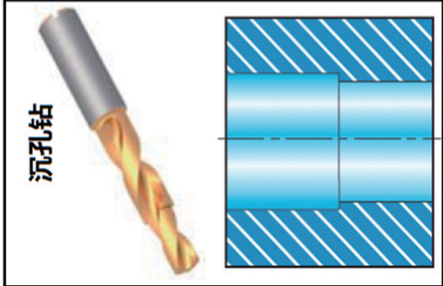
标准钻头：单一直径



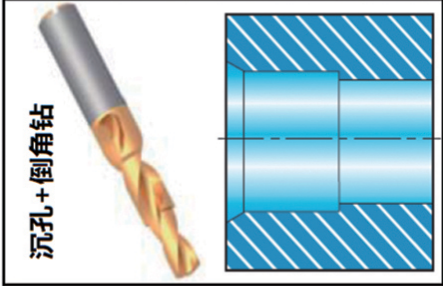
加强型：柄径加长



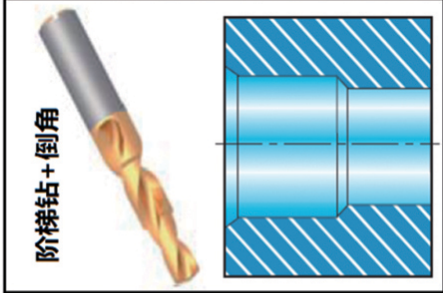
倒角钻：孔口倒角



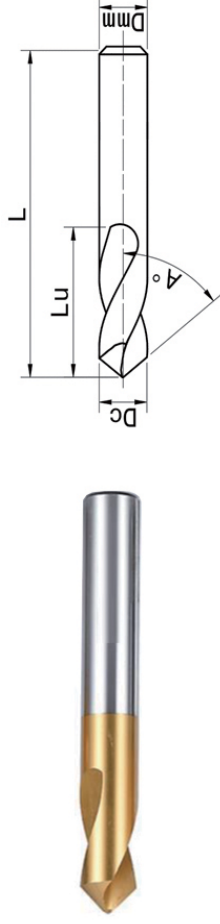
沉孔钻



沉孔+倒角钻

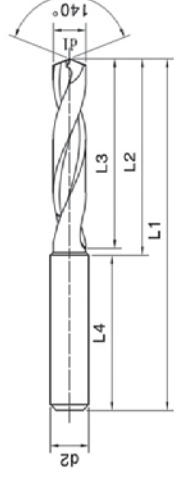


阶梯钻+倒角

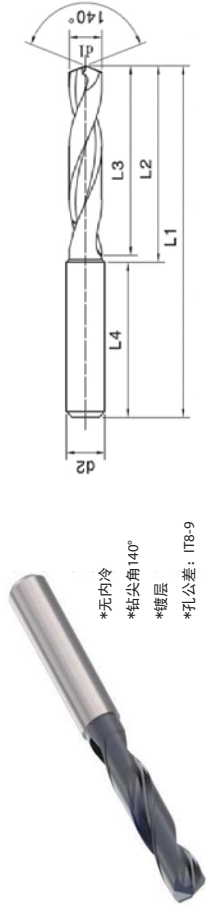


- *无内冷
- *钻尖角140°
- *镀层
- *孔公差: IT8-9

整体硬质合金钻头-3xD公制无内冷

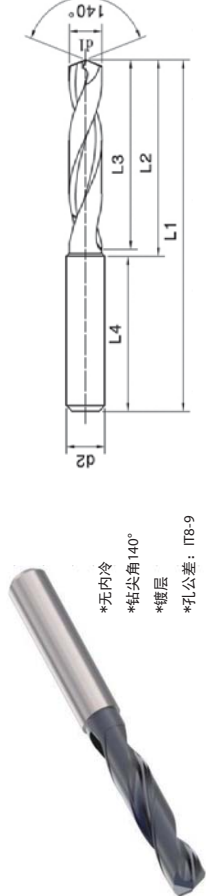
[illegible]

型号	尺寸/mm					
	d1 mm7	L3	L1	L4	L2	d2
SDJ03-2.0-010-D04	2.0	10	50	30	14	4
SDJ03-2.1-010-D04	2.1	10	50	30	14	4
SDJ03-2.2-010-D04	2.2	10	50	30	14	4
SDJ03-2.3-010-D04	2.3	10	50	30	14	4
SDJ03-2.4-010-D04	2.4	10	50	30	14	4
SDJ03-2.5-010-D04	2.5	10	50	30	14	4
SDJ03-2.6-010-D04	2.6	10	50	30	14	4
SDJ03-2.7-010-D04	2.7	10	50	30	14	4
SDJ03-2.8-010-D04	2.8	10	50	30	14	4
SDJ03-2.9-010-D04	2.9	10	50	30	14	4
SDJ03-3.0-014-D04	3.0	14	62	36	20	4
SDJ03-3.1-014-D04	3.1	14	62	36	20	4
SDJ03-3.2-014-D04	3.2	14	62	36	20	4
SDJ03-3.3-014-D04	3.3	14	62	36	20	4
SDJ03-3.4-014-D04	3.4	14	62	36	20	4
SDJ03-3.5-014-D04	3.5	14	62	36	20	4
SDJ03-3.6-014-D04	3.6	14	62	36	20	4
SDJ03-3.7-014-D04	3.7	14	62	36	20	4
SDJ03-3.8-017-D04	3.8	17	66	36	24	4
SDJ03-3.9-017-D04	3.9	17	66	36	24	4
SDJ03-4.0-017-D04	4.0	17	66	36	24	4
SDJ03-4.1-017-D06	4.1	17	66	36	24	6
SDJ03-4.2-017-D06	4.2	17	66	36	24	6
SDJ03-4.3-017-D06	4.3	17	66	36	24	6
SDJ03-4.4-017-D06	4.4	17	66	36	24	6
SDJ03-4.5-017-D06	4.5	17	66	36	24	6
SDJ03-4.6-017-D06	4.6	17	66	36	24	6
SDJ03-4.7-017-D06	4.7	17	66	36	24	6
SDJ03-4.8-020-D06	4.8	20	66	36	28	6
SDJ03-4.9-020-D06	4.9	20	66	36	28	6
SDJ03-5.0-020-D06	5.0	20	66	36	28	6
SDJ03-5.1-020-D06	5.1	20	66	36	28	6
SDJ03-5.2-020-D06	5.2	20	66	36	28	6
SDJ03-5.3-020-D06	5.3	20	66	36	28	6
SDJ03-5.4-020-D06	5.4	20	66	36	28	6
SDJ03-5.5-020-D06	5.5	20	66	36	28	6



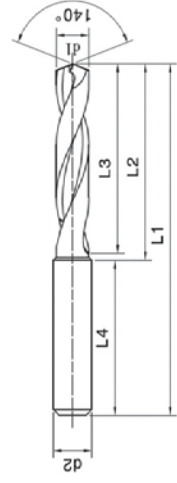
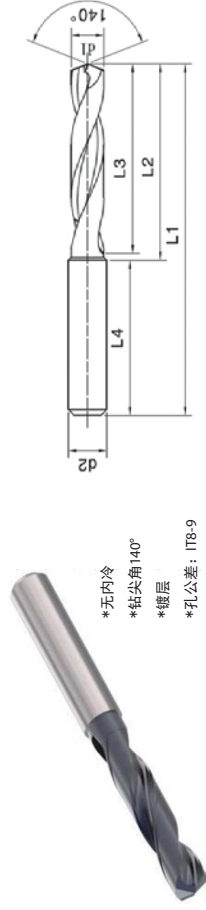
*无内冷
*钻尖角140°
*镀层
*孔公差: IT8-9

型号	尺寸 mm					
	d1 m7	L3	L1	L4	L2	d2
SDJ03-5.6-020-D06	5.6	20	66	36	28	6
SDJ03-5.7-020-D06	5.7	20	66	36	28	6
SDJ03-5.8-020-D06	5.8	20	66	36	28	6
SDJ03-5.9-020-D06	5.9	20	66	36	28	6
SDJ03-6.0-020-D06	6.0	20	66	36	28	6
SDJ03-6.1-024-D08	6.1	24	79	36	34	8
SDJ03-6.2-024-D08	6.2	24	79	36	34	8
SDJ03-6.3-024-D08	6.3	24	79	36	34	8
SDJ03-6.4-024-D08	6.4	24	79	36	34	8
SDJ03-6.5-024-D08	6.5	24	79	36	34	8
SDJ03-6.6-024-D08	6.6	24	79	36	34	8
SDJ03-6.7-024-D08	6.7	24	79	36	34	8
SDJ03-6.8-024-D08	6.8	24	79	36	34	8
SDJ03-6.9-024-D08	6.9	24	79	36	34	8
SDJ03-7.0-024-D08	7.0	24	79	36	34	8
SDJ03-7.1-029-D08	7.1	29	79	36	41	8
SDJ03-7.2-029-D08	7.2	29	79	36	41	8
SDJ03-7.3-029-D08	7.3	29	79	36	41	8
SDJ03-7.4-029-D08	7.4	29	79	36	41	8
SDJ03-7.5-029-D08	7.5	29	79	36	41	8
SDJ03-7.6-029-D08	7.6	29	79	36	41	8
SDJ03-7.7-029-D08	7.7	29	79	36	41	8
SDJ03-7.8-029-D08	7.8	29	79	36	41	8
SDJ03-7.9-029-D08	7.9	29	79	36	41	8
SDJ03-8.0-029-D08	8.0	29	79	36	41	8
SDJ03-8.1-035-D10	8.1	35	89	40	47	10
SDJ03-8.2-035-D10	8.2	35	89	40	47	10
SDJ03-8.3-035-D10	8.3	35	89	40	47	10
SDJ03-8.4-035-D10	8.4	35	89	40	47	10
SDJ03-8.5-035-D10	8.5	35	89	40	47	10
SDJ03-8.6-035-D10	8.6	35	89	40	47	10
SDJ03-8.7-035-D10	8.7	35	89	40	47	10
SDJ03-8.8-035-D10	8.8	35	89	40	47	10
SDJ03-8.9-035-D10	8.9	35	89	40	47	10
SDJ03-9.0-035-D10	9.0	35	89	40	47	10



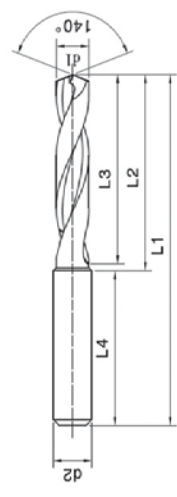
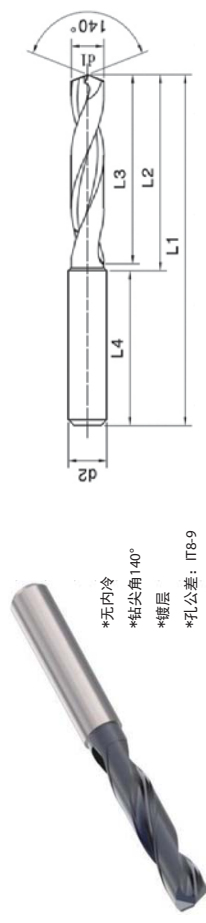
*无内冷
*钻尖角140°
*镀层
*孔公差: IT8-9

型号	尺寸 mm					
	d1 m7	L3	L1	L4	L2	d2
SDJ03-9.1-035-D10	9.1	35	89	40	47	10
SDJ03-9.2-035-D10	9.2	35	89	40	47	10
SDJ03-9.3-035-D10	9.3	35	89	40	47	10
SDJ03-9.4-035-D10	9.4	35	89	40	47	10
SDJ03-9.5-035-D10	9.5	35	89	40	47	10
SDJ03-9.6-035-D10	9.6	35	89	40	47	10
SDJ03-9.7-035-D10	9.7	35	89	40	47	10
SDJ03-9.8-035-D10	9.8	35	89	40	47	10
SDJ03-9.9-035-D10	9.9	35	89	40	47	10
SDJ03-10.0-035-D10	10.0	35	89	40	47	10
SDJ03-10.1-040-D12	10.1	40	102	45	55	12
SDJ03-10.2-040-D12	10.2	40	102	45	55	12
SDJ03-10.3-040-D12	10.3	40	102	45	55	12
SDJ03-10.4-040-D12	10.4	40	102	45	55	12
SDJ03-10.5-040-D12	10.5	40	102	45	55	12
SDJ03-10.6-040-D12	10.6	40	102	45	55	12
SDJ03-10.7-040-D12	10.7	40	102	45	55	12
SDJ03-10.8-040-D12	10.8	40	102	45	55	12
SDJ03-10.9-040-D12	10.9	40	102	45	55	12
SDJ03-11.0-040-D12	11.0	40	102	45	55	12
SDJ03-11.1-040-D12	11.1	40	102	45	55	12
SDJ03-11.2-040-D12	11.2	40	102	45	55	12
SDJ03-11.3-040-D12	11.3	40	102	45	55	12
SDJ03-11.4-040-D12	11.4	40	102	45	55	12
SDJ03-11.5-040-D12	11.5	40	102	45	55	12
SDJ03-11.6-040-D12	11.6	40	102	45	55	12
SDJ03-11.7-040-D12	11.7	40	102	45	55	12
SDJ03-11.8-040-D12	11.8	40	102	45	55	12
SDJ03-11.9-040-D12	11.9	40	102	45	55	12
SDJ03-12.0-040-D12	12.0	40	102	45	55	12
SDJ03-12.1-043-D14	12.1	43	107	45	60	14
SDJ03-12.2-043-D14	12.2	43	107	45	60	14
SDJ03-12.3-043-D14	12.3	43	107	45	60	14
SDJ03-12.4-043-D14	12.4	43	107	45	60	14
SDJ03-12.5-043-D14	12.5	43	107	45	60	14
SDJ03-12.6-043-D14	12.6	43	107	45	60	14



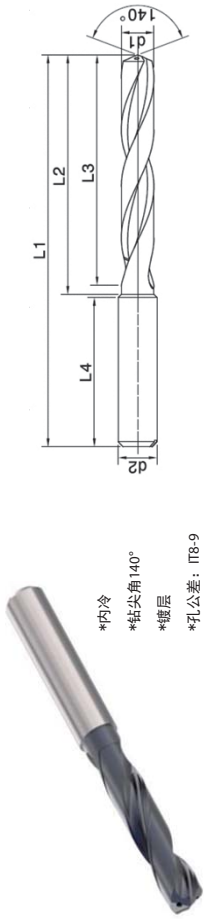
型号	尺寸 mm					
	d1 m7	L3	L1	L4	L2	d2
SD03-12.7-043-D14	12.7	43	107	45	60	14
SD03-12.8-043-D14	12.8	43	107	45	60	14
SD03-12.9-043-D14	12.9	43	107	45	60	14
SD03-13.0-043-D14	13.0	43	107	45	60	14
SD03-13.1-043-D14	13.1	43	107	45	60	14
SD03-13.2-043-D14	13.2	43	107	45	60	14
SD03-13.3-043-D14	13.3	43	107	45	60	14
SD03-13.4-043-D14	13.4	43	107	45	60	14
SD03-13.5-043-D14	13.5	43	107	45	60	14
SD03-13.6-043-D14	13.6	43	107	45	60	14
SD03-13.7-043-D14	13.7	43	107	45	60	14
SD03-13.8-043-D14	13.8	43	107	45	60	14
SD03-13.9-043-D14	13.9	43	107	45	60	14
SD03-14.0-043-D14	14.0	43	107	45	60	14
SD03-14.1-050-D16	14.1	50	115	48	65	16
SD03-14.2-050-D16	14.2	50	115	48	65	16
SD03-14.5-050-D16	14.5	50	115	48	65	16
SD03-14.7-050-D16	14.7	50	115	48	65	16
SD03-14.8-050-D16	14.8	50	115	48	65	16
SD03-14.9-050-D16	14.9	50	115	48	65	16
SD03-15.0-050-D16	15.0	50	115	48	65	16
SD03-15.1-050-D16	15.1	50	115	48	65	16
SD03-15.2-050-D16	15.2	50	115	48	65	16
SD03-15.3-050-D16	15.3	50	115	48	65	16
SD03-15.5-050-D16	15.5	50	115	48	65	16
SD03-15.7-050-D16	15.7	50	115	48	65	16
SD03-15.8-050-D16	15.8	50	115	48	65	16
SD03-15.9-050-D16	15.9	50	115	48	65	16
SD03-16.0-050-D16	16.0	50	115	48	65	16
SD03-16.1-060-D18	16.1	60	123	48	73	18
SD03-16.2-060-D18	16.2	60	123	48	73	18
SD03-16.5-060-D18	16.5	60	123	48	73	18
SD03-16.8-060-D18	16.8	60	123	48	73	18
SD03-16.9-060-D18	16.9	60	123	48	73	18

- *更多尺寸与规格, 请联系销售人员咨询
- *订货举例: SDJ03-3.0-014-D04 (一般性)
- *最小订购数量为1支

[illegible]

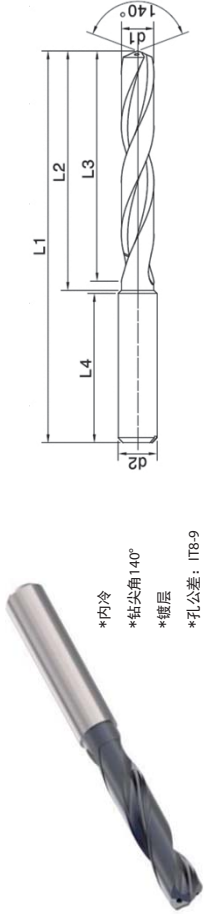
*更多尺寸与规格，请联系销售人员咨询
*订货举例：SDJ03-3-014-D04（一般性能钻头）；SDJ03-3-014-D04-P（加工钢材材料高性能钻头）
*最小订购数量为1支

整体硬质合金钻头-3xD公制内冷



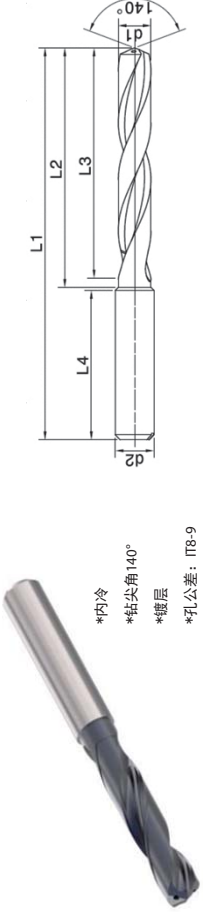
型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ03A-3.0-014-D04	3.0	14	62	36	20	4	△	△	△	△
SDJ03A-3.1-014-D04	3.1	14	62	36	20	4	△	△	△	△
SDJ03A-3.2-014-D04	3.2	14	62	36	20	4	△	△	△	△
SDJ03A-3.3-014-D04	3.3	14	62	36	20	4	△	△	△	△
SDJ03A-3.4-014-D04	3.4	14	62	36	20	4	△	△	△	△
SDJ03A-3.5-014-D04	3.5	14	62	36	20	4	△	△	△	△
SDJ03A-3.6-014-D04	3.6	14	62	36	20	4	△	△	△	△
SDJ03A-3.7-014-D04	3.7	14	62	36	20	4	△	△	△	△
SDJ03A-3.8-017-D04	3.8	17	66	36	24	4	△	△	△	△
SDJ03A-3.9-017-D04	3.9	17	66	36	24	4	△	△	△	△
SDJ03A-4.0-017-D04	4.0	17	66	36	24	4	△	△	△	△
SDJ03A-4.1-017-D06	4.1	17	66	36	24	6	△	△	△	△
SDJ03A-4.2-017-D06	4.2	17	66	36	24	6	△	△	△	△
SDJ03A-4.3-017-D06	4.3	17	66	36	24	6	△	△	△	△
SDJ03A-4.4-017-D06	4.4	17	66	36	24	6	△	△	△	△
SDJ03A-4.5-017-D06	4.5	17	66	36	24	6	△	△	△	△
SDJ03A-4.6-017-D06	4.6	17	66	36	24	6	△	△	△	△
SDJ03A-4.7-017-D06	4.7	17	66	36	24	6	△	△	△	△
SDJ03A-4.8-020-D06	4.8	20	66	36	28	6	△	△	△	△
SDJ03A-4.9-020-D06	4.9	20	66	36	28	6	△	△	△	△
SDJ03A-5.0-020-D06	5.0	20	66	36	28	6	△	△	△	△
SDJ03A-5.1-020-D06	5.1	20	66	36	28	6	△	△	△	△
SDJ03A-5.2-020-D06	5.2	20	66	36	28	6	△	△	△	△
SDJ03A-5.3-020-D06	5.3	20	66	36	28	6	△	△	△	△
SDJ03A-5.4-020-D06	5.4	20	66	36	28	6	△	△	△	△
SDJ03A-5.5-020-D06	5.5	20	66	36	28	6	△	△	△	△
SDJ03A-5.6-020-D06	5.6	20	66	36	28	6	△	△	△	△
SDJ03A-5.7-020-D06	5.7	20	66	36	28	6	△	△	△	△
SDJ03A-5.8-020-D06	5.8	20	66	36	28	6	△	△	△	△
SDJ03A-5.9-020-D06	5.9	20	66	36	28	6	△	△	△	△
SDJ03A-6.0-020-D06	6.0	20	66	36	28	6	△	△	△	△
SDJ03A-6.1-024-D08	6.1	24	79	36	34	8	△	△	△	△
SDJ03A-6.2-024-D08	6.2	24	79	36	34	8	△	△	△	△
SDJ03A-6.3-024-D08	6.3	24	79	36	34	8	△	△	△	△
SDJ03A-6.4-024-D08	6.4	24	79	36	34	8	△	△	△	△

整体硬质合金钻头-3xD公制内冷



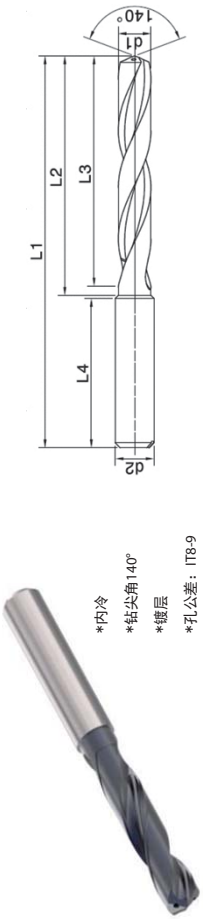
型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ03A-6.5-024-D08	6.5	24	79	36	34	8	△	△	△	△
SDJ03A-6.6-024-D08	6.6	24	79	36	34	8	△	△	△	△
SDJ03A-6.7-024-D08	6.7	24	79	36	34	8	△	△	△	△
SDJ03A-6.8-024-D08	6.8	24	79	36	34	8	△	△	△	△
SDJ03A-6.9-024-D08	6.9	24	79	36	34	8	△	△	△	△
SDJ03A-7.0-024-D08	7.0	24	79	36	34	8	△	△	△	△
SDJ03A-7.1-029-D08	7.1	29	79	36	41	8	△	△	△	△
SDJ03A-7.2-029-D08	7.2	29	79	36	41	8	△	△	△	△
SDJ03A-7.3-029-D08	7.3	29	79	36	41	8	△	△	△	△
SDJ03A-7.4-029-D08	7.4	29	79	36	41	8	△	△	△	△
SDJ03A-7.5-029-D08	7.5	29	79	36	41	8	△	△	△	△
SDJ03A-7.6-029-D08	7.6	29	79	36	41	8	△	△	△	△
SDJ03A-7.7-029-D08	7.7	29	79	36	41	8	△	△	△	△
SDJ03A-7.8-029-D08	7.8	29	79	36	41	8	△	△	△	△
SDJ03A-7.9-029-D08	7.9	29	79	36	41	8	△	△	△	△
SDJ03A-8.0-029-D08	8.0	29	79	36	41	8	△	△	△	△
SDJ03A-8.1-035-D10	8.1	35	89	40	47	10	△	△	△	△
SDJ03A-8.2-035-D10	8.2	35	89	40	47	10	△	△	△	△
SDJ03A-8.3-035-D10	8.3	35	89	40	47	10	△	△	△	△
SDJ03A-8.4-035-D10	8.4	35	89	40	47	10	△	△	△	△
SDJ03A-8.5-035-D10	8.5	35	89	40	47	10	△	△	△	△
SDJ03A-8.6-035-D10	8.6	35	89	40	47	10	△	△	△	△
SDJ03A-8.7-035-D10	8.7	35	89	40	47	10	△	△	△	△
SDJ03A-8.8-035-D10	8.8	35	89	40	47	10	△	△	△	△
SDJ03A-8.9-035-D10	8.9	35	89	40	47	10	△	△	△	△
SDJ03A-9.0-035-D10	9.0	35	89	40	47	10	△	△	△	△
SDJ03A-9.1-035-D10	9.1	35	89	40	47	10	△	△	△	△
SDJ03A-9.2-035-D10	9.2	35	89	40	47	10	△	△	△	△
SDJ03A-9.3-035-D10	9.3	35	89	40	47	10	△	△	△	△
SDJ03A-9.4-035-D10	9.4	35	89	40	47	10	△	△	△	△
SDJ03A-9.5-035-D10	9.5	35	89	40	47	10	△	△	△	△
SDJ03A-9.6-035-D10	9.6	35	89	40	47	10	△	△	△	△
SDJ03A-9.7-035-D10	9.7	35	89	40	47	10	△	△	△	△
SDJ03A-9.8-035-D10	9.8	35	89	40	47	10	△	△	△	△
SDJ03A-9.9-035-D10	9.9	35	89	40	47	10	△	△	△	△

整体硬质合金钻头-3xD公制内冷



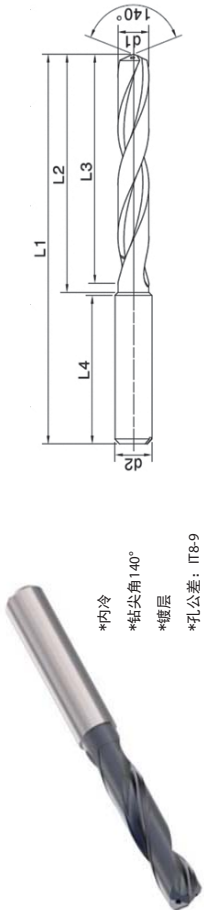
型号	尺寸 mm					推荐材料				
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SDJ03A-10.0-035-D10	10.0	35	89	40	47	10	△	△	△	△
							△	△	△	△
SDJ03A-10.1-040-D12	10.1	40	102	45	55	12	△	△	△	△
SDJ03A-10.2-040-D12	10.2	40	102	45	55	12	△	△	△	△
SDJ03A-10.3-040-D12	10.3	40	102	45	55	12	△	△	△	△
SDJ03A-10.4-040-D12	10.4	40	102	45	55	12	△	△	△	△
SDJ03A-10.5-040-D12	10.5	40	102	45	55	12	△	△	△	△
SDJ03A-10.6-040-D12	10.6	40	102	45	55	12	△	△	△	△
SDJ03A-10.7-040-D12	10.7	40	102	45	55	12	△	△	△	△
SDJ03A-10.8-040-D12	10.8	40	102	45	55	12	△	△	△	△
SDJ03A-10.9-040-D12	10.9	40	102	45	55	12	△	△	△	△
SDJ03A-11.0-040-D12	11.0	40	102	45	55	12	△	△	△	△
SDJ03A-11.1-040-D12	11.1	40	102	45	55	12	△	△	△	△
SDJ03A-11.2-040-D12	11.2	40	102	45	55	12	△	△	△	△
SDJ03A-11.3-040-D12	11.3	40	102	45	55	12	△	△	△	△
SDJ03A-11.4-040-D12	11.4	40	102	45	55	12	△	△	△	△
SDJ03A-11.5-040-D12	11.5	40	102	45	55	12	△	△	△	△
SDJ03A-11.6-040-D12	11.6	40	102	45	55	12	△	△	△	△
SDJ03A-11.7-040-D12	11.7	40	102	45	55	12	△	△	△	△
SDJ03A-11.8-040-D12	11.8	40	102	45	55	12	△	△	△	△
SDJ03A-11.9-040-D12	11.9	40	102	45	55	12	△	△	△	△
SDJ03A-12.0-040-D12	12.0	40	102	45	55	12	△	△	△	△
							△	△	△	△
SDJ03A-12.1-043-D14	12.1	43	107	45	60	14	△	△	△	△
SDJ03A-12.2-043-D14	12.2	43	107	45	60	14	△	△	△	△
SDJ03A-12.3-043-D14	12.3	43	107	45	60	14	△	△	△	△
SDJ03A-12.4-043-D14	12.4	43	107	45	60	14	△	△	△	△
SDJ03A-12.5-043-D14	12.5	43	107	45	60	14	△	△	△	△
SDJ03A-12.6-043-D14	12.6	43	107	45	60	14	△	△	△	△
SDJ03A-12.7-043-D14	12.7	43	107	45	60	14	△	△	△	△
SDJ03A-12.8-043-D14	12.8	43	107	45	60	14	△	△	△	△
SDJ03A-12.9-043-D14	12.9	43	107	45	60	14	△	△	△	△
SDJ03A-13.0-043-D14	13.0	43	107	45	60	14	△	△	△	△
SDJ03A-13.1-043-D14	13.1	43	107	45	60	14	△	△	△	△
SDJ03A-13.2-043-D14	13.2	43	107	45	60	14	△	△	△	△
SDJ03A-13.3-043-D14	13.3	43	107	45	60	14	△	△	△	△
SDJ03A-13.4-043-D14	13.4	43	107	45	60	14	△	△	△	△

整体硬质合金钻头-3xD公制内冷



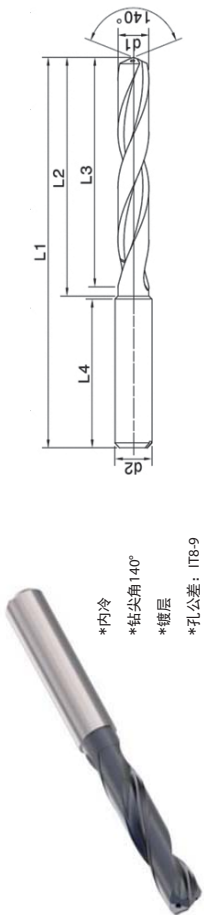
型号	尺寸 mm					推荐材料				
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SD03A-13.5-043-D14	13.5	343	107	45	60	14	△	△	△	△
SD03A-13.6-043-D14	13.6	343	107	45	60	14	△	△	△	△
SD03A-13.7-043-D14	13.7	343	107	45	60	14	△	△	△	△
SD03A-13.8-043-D14	13.8	343	107	45	60	14	△	△	△	△
SD03A-13.9-043-D14	13.9	343	107	45	60	14	△	△	△	△
SD03A-14.0-043-D14	14.0	343	107	45	60	14	△	△	△	△
							△	△	△	△
SD03A-14.1-050-D16	14.1	350	115	48	65	16	△	△	△	△
SD03A-14.2-050-D16	14.2	350	115	48	65	16				
SD03A-14.5-050-D16	14.5	350	115	48	65	16	△	△	△	△
SD03A-14.7-050-D16	14.7	350	115	48	65	16	△	△	△	△
SD03A-14.8-050-D16	14.8	350	115	48	65	16	△	△	△	△
SD03A-14.9-050-D16	14.9	350	115	48	65	16	△	△	△	△
SD03A-15.0-050-D16	15.0	350	115	48	65	16	△	△	△	△
SD03A-15.1-050-D16	15.1	350	115	48	65	16	△	△	△	△
SD03A-15.2-050-D16	15.2	350	115	48	65	16	△	△	△	△
SD03A-15.3-050-D16	15.3	350	115	48	65	16	△	△	△	△
SD03A-15.5-050-D16	15.5	350	115	48	65	16	△	△	△	△
SD03A-15.7-050-D16	15.7	350	115	48	65	16	△	△	△	△
SD03A-15.8-050-D16	15.8	350	115	48	65	16	△	△	△	△
SD03A-15.9-050-D16	15.9	350	115	48	65	16	△	△	△	△
SD03A-16.0-050-D16	16.0	350	115	48	65	16	△	△	△	△
							△	△	△	△
SD03A-16.1-060-D18	16.1	360	123	48	73	18	△	△	△	△
SD03A-16.2-060-D18	16.2	360	123	48	73	18	△	△	△	△
SD03A-16.5-060-D18	16.5	360	123	48	73	18	△	△	△	△
SD03A-16.8-060-D18	16.8	360	123	48	73	18	△	△	△	△
SD03A-16.9-060-D18	16.9	360	123	48	73	18	△	△	△	△
SD03A-17.0-060-D18	17.0	360	123	48	73	18	△	△	△	△
SD03A-17.1-060-D18	17.1	360	123	48	73	18	△	△	△	△
SD03A-17.2-060-D18	17.2	360	123	48	73	18	△	△	△	△
SD03A-17.5-060-D18	17.5	360	123	48	73	18	△	△	△	△
SD03A-17.8-060-D18	17.8	360	123	48	73	18	△	△	△	△
SD03A-17.9-060-D18	17.9	360	123	48	73	18	△	△	△	△
SD03A-18.0-060-D18	18.0	360	123	48	73	18	△	△	△	△
							△	△	△	△
SD03A-18.1-065-D20	18.1	365	131	50	79	20	△	△	△	△

整体硬质合金钻头-5xD公制内冷

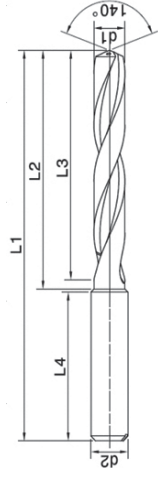
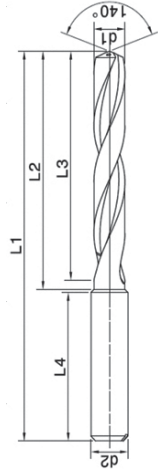


型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ05A-6.4-043-D08	6.4	43	91	36	53	8	△	△	△	△
SDJ05A-6.5-043-D08	6.5	43	91	36	53	8	△	△	△	△
SDJ05A-6.6-043-D08	6.6	43	91	36	53	8	△	△	△	△
SDJ05A-6.7-043-D08	6.7	43	91	36	53	8	△	△	△	△
SDJ05A-6.8-043-D08	6.8	43	91	36	53	8	△	△	△	△
SDJ05A-6.9-043-D08	6.9	43	91	36	53	8	△	△	△	△
SDJ05A-7.0-043-D08	7.0	43	91	36	53	8	△	△	△	△
SDJ05A-7.1-043-D08	7.1	43	91	36	53	8	△	△	△	△
SDJ05A-7.2-043-D08	7.2	43	91	36	53	8	△	△	△	△
SDJ05A-7.3-043-D08	7.3	43	91	36	53	8	△	△	△	△
SDJ05A-7.4-043-D08	7.4	43	91	36	53	8	△	△	△	△
SDJ05A-7.5-043-D08	7.5	43	91	36	53	8	△	△	△	△
SDJ05A-7.6-043-D08	7.6	43	91	36	53	8	△	△	△	△
SDJ05A-7.7-043-D08	7.7	43	91	36	53	8	△	△	△	△
SDJ05A-7.8-043-D08	7.8	43	91	36	53	8	△	△	△	△
SDJ05A-7.9-043-D08	7.9	43	91	36	53	8	△	△	△	△
SDJ05A-8.0-043-D08	8.0	43	91	36	53	8	△	△	△	△
SDJ05A-8.1-049-D10	8.1	49	103	40	61	10	△	△	△	△
SDJ05A-8.2-049-D10	8.2	49	103	40	61	10	△	△	△	△
SDJ05A-8.3-049-D10	8.3	49	103	40	61	10	△	△	△	△
SDJ05A-8.4-049-D10	8.4	49	103	40	61	10	△	△	△	△
SDJ05A-8.5-049-D10	8.5	49	103	40	61	10	△	△	△	△
SDJ05A-8.6-049-D10	8.6	49	103	40	61	10	△	△	△	△
SDJ05A-8.7-049-D10	8.7	49	103	40	61	10	△	△	△	△
SDJ05A-8.8-049-D10	8.8	49	103	40	61	10	△	△	△	△
SDJ05A-8.9-049-D10	8.9	49	103	40	61	10	△	△	△	△
SDJ05A-9.0-049-D10	9.0	49	103	40	61	10	△	△	△	△
SDJ05A-9.1-049-D10	9.1	49	103	40	61	10	△	△	△	△
SDJ05A-9.2-049-D10	9.2	49	103	40	61	10	△	△	△	△
SDJ05A-9.3-049-D10	9.3	49	103	40	61	10	△	△	△	△
SDJ05A-9.4-049-D10	9.4	49	103	40	61	10	△	△	△	△
SDJ05A-9.5-049-D10	9.5	49	103	40	61	10	△	△	△	△
SDJ05A-9.6-049-D10	9.6	49	103	40	61	10	△	△	△	△
SDJ05A-9.7-049-D10	9.7	49	103	40	61	10	△	△	△	△
SDJ05A-9.8-049-D10	9.8	49	103	40	61	10	△	△	△	△
SDJ05A-9.9-049-D10	9.9	49	103	40	61	10	△	△	△	△

整体硬质合金钻头-5xD公制内冷



型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ05A-10.0-049-D10	10.0	49	103	40	61	10	△	△	△	△
SDJ05A-10.1-056-D12	10.1	56	118	45	71	12	△	△	△	△
SDJ05A-10.2-056-D12	10.2	56	118	45	71	12	△	△	△	△
SDJ05A-10.3-056-D12	10.3	56	118	45	71	12	△	△	△	△
SDJ05A-10.4-056-D12	10.4	56	118	45	71	12	△	△	△	△
SDJ05A-10.5-056-D12	10.5	56	118	45	71	12	△	△	△	△
SDJ05A-10.6-056-D12	10.6	56	118	45	71	12	△	△	△	△
SDJ05A-10.7-056-D12	10.7	56	118	45	71	12	△	△	△	△
SDJ05A-10.8-056-D12	10.8	56	118	45	71	12	△	△	△	△
SDJ05A-10.9-056-D12	10.9	56	118	45	71	12	△	△	△	△
SDJ05A-11.0-056-D12	11.0	56	118	45	71	12	△	△	△	△
SDJ05A-11.1-056-D12	11.1	56	118	45	71	12	△	△	△	△
SDJ05A-11.2-056-D12	11.2	56	118	45	71	12	△	△	△	△
SDJ05A-11.3-056-D12	11.3	56	118	45	71	12	△	△	△	△
SDJ05A-11.4-056-D12	11.4	56	118	45	71	12	△	△	△	△
SDJ05A-11.5-056-D12	11.5	56	118	45	71	12	△	△	△	△
SDJ05A-11.6-056-D12	11.6	56	118	45	71	12	△	△	△	△
SDJ05A-11.7-056-D12	11.7	56	118	45	71	12	△	△	△	△
SDJ05A-11.8-056-D12	11.8	56	118	45	71	12	△	△	△	△
SDJ05A-11.9-056-D12	11.9	56	118	45	71	12	△	△	△	△
SDJ05A-12.0-056-D12	12.0	56	118	45	71	12	△	△	△	△
SDJ05A-12.1-060-D14	12.1	60	124	45	77	14	△	△	△	△
SDJ05A-12.2-060-D14	12.2	60	124	45	77	14	△	△	△	△
SDJ05A-12.3-060-D14	12.3	60	124	45	77	14	△	△	△	△
SDJ05A-12.4-060-D14	12.4	60	124	45	77	14	△	△	△	△
SDJ05A-12.5-060-D14	12.5	60	124	45	77	14	△	△	△	△
SDJ05A-12.6-060-D14	12.6	60	124	45	77	14	△	△	△	△
SDJ05A-12.7-060-D14	12.7	60	124	45	77	14	△	△	△	△
SDJ05A-12.8-060-D14	12.8	60	124	45	77	14	△	△	△	△
SDJ05A-12.9-060-D14	12.9	60	124	45	77	14	△	△	△	△
SDJ05A-13.0-060-D14	13.0	60	124	45	77	14	△	△	△	△
SDJ05A-13.1-060-D14	13.1	60	124	45	77	14	△	△	△	△
SDJ05A-13.2-060-D14	13.2	60	124	45	77	14	△	△	△	△
SDJ05A-13.3-060-D14	13.3	60	124	45	77	14	△	△	△	△
SDJ05A-13.4-060-D14	13.4	60	124	45	77	14	△	△	△	△



型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ05A-13.5-060-D14	13.5	60	124	45	77	14	△	△	△	△
SDJ05A-13.6-060-D14	13.6	60	124	45	77	14	△	△	△	△
SDJ05A-13.7-060-D14	13.7	60	124	45	77	14	△	△	△	△
SDJ05A-13.8-060-D14	13.8	60	124	45	77	14	△	△	△	△
SDJ05A-13.9-060-D14	13.9	60	124	45	77	14	△	△	△	△
SDJ05A-14.0-060-D14	14.0	60	124	45	77	14	△	△	△	△
							△	△	△	△
SDJ05A-14.1-063-D16	14.1	63	133	48	83	16	△	△	△	△
SDJ05A-14.2-063-D16	14.2	63	133	48	83	16				
SDJ05A-14.5-063-D16	14.5	63	133	48	83	16	△	△	△	△
SDJ05A-14.7-063-D16	14.7	63	133	48	83	16	△	△	△	△
SDJ05A-14.8-063-D16	14.8	63	133	48	83	16	△	△	△	△
SDJ05A-14.9-063-D16	14.9	63	133	48	83	16	△	△	△	△
SDJ05A-15.0-063-D16	15.0	63	133	48	83	16	△	△	△	△
SDJ05A-15.1-063-D16	15.1	63	133	48	83	16	△	△	△	△
SDJ05A-15.2-063-D16	15.2	63	133	48	83	16	△	△	△	△
SDJ05A-15.3-063-D16	15.3	63	133	48	83	16	△	△	△	△
SDJ05A-15.5-063-D16	15.5	63	133	48	83	16	△	△	△	△
SDJ05A-15.7-063-D16	15.7	63	133	48	83	16	△	△	△	△
SDJ05A-15.8-063-D16	15.8	63	133	48	83	16	△	△	△	△
SDJ05A-15.9-063-D16	15.9	63	133	48	83	16	△	△	△	△
SDJ05A-16.0-063-D16	16.0	63	133	48	83	16	△	△	△	△
							△	△	△	△
SDJ05A-16.1-071-D18	16.1	71	143	48	93	18	△	△	△	△
SDJ05A-16.2-071-D18	16.2	71	143	48	93	18	△	△	△	△
SDJ05A-16.3-071-D18	16.3	71	143	48	93	18	△	△	△	△
SDJ05A-16.4-071-D18	16.4	71	143	48	93	18	△	△	△	△
SDJ05A-16.5-071-D18	16.5	71	143	48	93	18	△	△	△	△
SDJ05A-16.6-071-D18	16.6	71	143	48	93	18	△	△	△	△
SDJ05A-16.7-071-D18	16.7	71	143	48	93	18	△	△	△	△
SDJ05A-16.8-071-D18	16.8	71	143	48	93	18	△	△	△	△
SDJ05A-16.9-071-D18	16.9	71	143	48	93	18	△	△	△	△
SDJ05A-17.0-071-D18	17.0	71	143	48	93	18	△	△	△	△
SDJ05A-17.1-071-D18	17.1	71	143	48	93	18	△	△	△	△
SDJ05A-17.2-071-D18	17.2	71	143	48	93	18	△	△	△	△
SDJ05A-17.3-071-D18	17.3	71	143	48	93	18	△	△	△	△
SDJ05A-17.4-071-D18	17.4	71	143	48	93	18	△	△	△	△

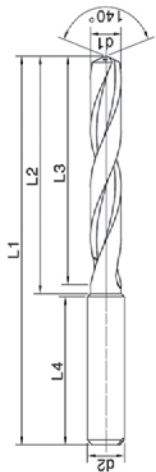
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*更多尺寸与规格, 请联系销售人员咨询
*订货举例: SDJ05A-3.0-014-D04 (一般性能钻头); SDJ05A-3.0-014-D04-P (加工钢件材料高性能钻头)
*最小订购数量为1支

整体硬质合金钻头-8xD公制内冷



*内冷
*钻尖角140°
*镀层
*孔公差：IT8-9

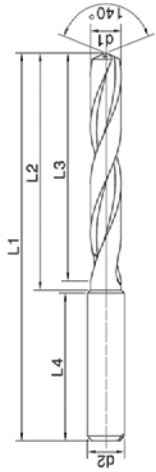


型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ08A-3.0-028-D04	3.0	28	74	36	34	4	△	△	△	△
SDJ08A-3.1-028-D04	3.1	28	74	36	34	4	△	△	△	△
SDJ08A-3.2-028-D04	3.2	28	74	36	34	4	△	△	△	△
SDJ08A-3.3-028-D04	3.3	28	74	36	34	4	△	△	△	△
SDJ08A-3.4-028-D04	3.4	28	74	36	34	4	△	△	△	△
SDJ08A-3.5-028-D04	3.5	28	74	36	34	4	△	△	△	△
SDJ08A-3.6-028-D04	3.6	28	74	36	34	4	△	△	△	△
SDJ08A-3.7-028-D04	3.7	28	74	36	34	4	△	△	△	△
SDJ08A-3.8-037-D04	3.8	37	85	36	45	4	△	△	△	△
SDJ08A-3.9-037-D04	3.9	37	85	36	45	4	△	△	△	△
SDJ08A-4.0-037-D04	4.0	37	85	36	45	4	△	△	△	△
SDJ08A-4.1-037-D06	4.1	37	85	36	45	6	△	△	△	△
SDJ08A-4.2-037-D06	4.2	37	85	36	45	6	△	△	△	△
SDJ08A-4.3-037-D06	4.3	37	85	36	45	6	△	△	△	△
SDJ08A-4.4-037-D06	4.4	37	85	36	45	6	△	△	△	△
SDJ08A-4.5-037-D06	4.5	37	85	36	45	6	△	△	△	△
SDJ08A-4.6-037-D06	4.6	37	85	36	45	6	△	△	△	△
SDJ08A-4.7-037-D06	4.7	37	85	36	45	6	△	△	△	△
SDJ08A-4.8-048-D06	4.8	48	97	36	57	6	△	△	△	△
SDJ08A-4.9-048-D06	4.9	48	97	36	57	6	△	△	△	△
SDJ08A-5.0-048-D06	5.0	48	97	36	57	6	△	△	△	△
SDJ08A-5.1-048-D06	5.1	48	97	36	57	6	△	△	△	△
SDJ08A-5.2-048-D06	5.2	48	97	36	57	6	△	△	△	△
SDJ08A-5.3-048-D06	5.3	48	97	36	57	6	△	△	△	△
SDJ08A-5.4-048-D06	5.4	48	97	36	57	6	△	△	△	△
SDJ08A-5.5-048-D06	5.5	48	97	36	57	6	△	△	△	△
SDJ08A-5.6-048-D06	5.6	48	97	36	57	6	△	△	△	△
SDJ08A-5.7-048-D06	5.7	48	97	36	57	6	△	△	△	△
SDJ08A-5.8-048-D06	5.8	48	97	36	57	6	△	△	△	△
SDJ08A-5.9-048-D06	5.9	48	97	36	57	6	△	△	△	△
SDJ08A-6.0-048-D06	6.0	48	97	36	57	6	△	△	△	△
SDJ08A-6.1-055-D08	6.1	55	106	36	66	8	△	△	△	△
SDJ08A-6.2-055-D08	6.2	55	106	36	66	8	△	△	△	△
SDJ08A-6.3-055-D08	6.3	55	106	36	66	8	△	△	△	△

整体硬质合金钻头-8xD公制内冷

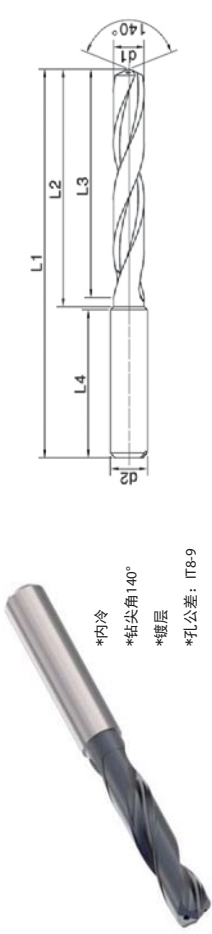


*内冷
*钻尖角140°
*镀层
*孔公差：IT8-9



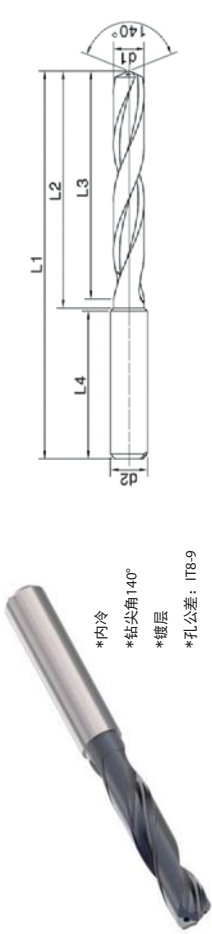
型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ08A-6.4-055-D08	6.4	55	106	36	66	8	△	△	△	△
SDJ08A-6.5-055-D08	6.5	55	106	36	66	8	△	△	△	△
SDJ08A-6.6-055-D08	6.6	55	106	36	66	8	△	△	△	△
SDJ08A-6.7-055-D08	6.7	55	106	36	66	8	△	△	△	△
SDJ08A-6.8-055-D08	6.8	55	106	36	66	8	△	△	△	△
SDJ08A-6.9-055-D08	6.9	55	106	36	66	8	△	△	△	△
SDJ08A-7.0-055-D08	7.0	55	106	36	66	8	△	△	△	△
SDJ08A-7.1-064-D08	7.1	64	116	36	76	8	△	△	△	△
SDJ08A-7.2-064-D08	7.2	64	116	36	76	8	△	△	△	△
SDJ08A-7.3-064-D08	7.3	64	116	36	76	8	△	△	△	△
SDJ08A-7.4-064-D08	7.4	64	116	36	76	8	△	△	△	△
SDJ08A-7.5-064-D08	7.5	64	116	36	76	8	△	△	△	△
SDJ08A-7.6-064-D08	7.6	64	116	36	76	8	△	△	△	△
SDJ08A-7.7-064-D08	7.7	64	116	36	76	8	△	△	△	△
SDJ08A-7.8-064-D08	7.8	64	116	36	76	8	△	△	△	△
SDJ08A-7.9-064-D08	7.9	64	116	36	76	8	△	△	△	△
SDJ08A-8.0-064-D08	8.0	64	116	36	76	8	△	△	△	△
SDJ08A-8.1-080-D10	8.1	80	139	40	95	10	△	△	△	△
SDJ08A-8.2-080-D10	8.2	80	139	40	95	10	△	△	△	△
SDJ08A-8.3-080-D10	8.3	80	139	40	95	10	△	△	△	△
SDJ08A-8.4-080-D10	8.4	80	139	40	95	10	△	△	△	△
SDJ08A-8.5-080-D10	8.5	80	139	40	95	10	△	△	△	△
SDJ08A-8.6-080-D10	8.6	80	139	40	95	10	△	△	△	△
SDJ08A-8.7-080-D10	8.7	80	139	40	95	10	△	△	△	△
SDJ08A-8.8-080-D10	8.8	80	139	40	95	10	△	△	△	△
SDJ08A-8.9-080-D10	8.9	80	139	40	95	10	△	△	△	△
SDJ08A-9.0-080-D10	9.0	80	139	40	95	10	△	△	△	△
SDJ08A-9.1-080-D10	9.1	80	139	40	95	10	△	△	△	△
SDJ08A-9.2-080-D10	9.2	80	139	40	95	10	△	△	△	△
SDJ08A-9.3-080-D10	9.3	80	139	40	95	10	△	△	△	△
SDJ08A-9.4-080-D10	9.4	80	139	40	95	10	△	△	△	△
SDJ08A-9.5-080-D10	9.5	80	139	40	95	10	△	△	△	△
SDJ08A-9.6-080-D10	9.6	80	139	40	95	10	△	△	△	△
SDJ08A-9.7-080-D10	9.7	80	139	40	95	10	△	△	△	△
SDJ08A-9.8-080-D10	9.8	80	139	40	95	10	△	△	△	△

整体硬质合金钻头-8xD公制内冷



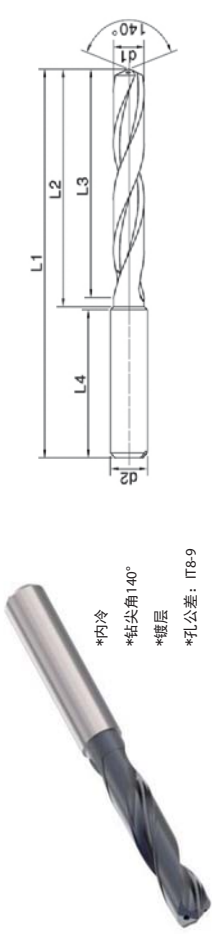
型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ08A-9.9-080-D10	9.9	80	139	40	95	10	△	△	△	△
SDJ08A-10.0-080-D10	10.0	80	139	40	95	10	△	△	△	△
SDJ08A-10.1-096-D12	10.1	96	163	45	114	12	△	△	△	△
SDJ08A-10.2-096-D12	10.2	96	163	45	114	12	△	△	△	△
SDJ08A-10.3-096-D12	10.3	96	163	45	114	12	△	△	△	△
SDJ08A-10.4-096-D12	10.4	96	163	45	114	12	△	△	△	△
SDJ08A-10.5-096-D12	10.5	96	163	45	114	12	△	△	△	△
SDJ08A-10.6-096-D12	10.6	96	163	45	114	12	△	△	△	△
SDJ08A-10.7-096-D12	10.7	96	163	45	114	12	△	△	△	△
SDJ08A-10.8-096-D12	10.8	96	163	45	114	12	△	△	△	△
SDJ08A-10.9-096-D12	10.9	96	163	45	114	12	△	△	△	△
SDJ08A-11.0-096-D12	11.0	96	163	45	114	12	△	△	△	△
SDJ08A-11.1-096-D12	11.1	96	163	45	114	12	△	△	△	△
SDJ08A-11.2-096-D12	11.2	96	163	45	114	12	△	△	△	△
SDJ08A-11.3-096-D12	11.3	96	163	45	114	12	△	△	△	△
SDJ08A-11.4-096-D12	11.4	96	163	45	114	12	△	△	△	△
SDJ08A-11.5-096-D12	11.5	96	163	45	114	12	△	△	△	△
SDJ08A-11.6-096-D12	11.6	96	163	45	114	12	△	△	△	△
SDJ08A-11.7-096-D12	11.7	96	163	45	114	12	△	△	△	△
SDJ08A-11.8-096-D12	11.8	96	163	45	114	12	△	△	△	△
SDJ08A-11.9-096-D12	11.9	96	163	45	114	12	△	△	△	△
SDJ08A-12.0-096-D12	12.0	96	163	45	114	12	△	△	△	△
SDJ08A-12.1-119-D14	12.1	119	182	45	133	14	△	△	△	△
SDJ08A-12.2-119-D14	12.2	119	182	45	133	14	△	△	△	△
SDJ08A-12.3-119-D14	12.3	119	182	45	133	14	△	△	△	△
SDJ08A-12.4-119-D14	12.4	119	182	45	133	14	△	△	△	△
SDJ08A-12.5-119-D14	12.5	119	182	45	133	14	△	△	△	△
SDJ08A-12.6-119-D14	12.6	119	182	45	133	14	△	△	△	△
SDJ08A-12.7-119-D14	12.7	119	182	45	133	14	△	△	△	△
SDJ08A-12.8-119-D14	12.8	119	182	45	133	14	△	△	△	△
SDJ08A-12.9-119-D14	12.9	119	182	45	133	14	△	△	△	△
SDJ08A-13.0-119-D14	13.0	119	182	45	133	14	△	△	△	△
SDJ08A-13.1-119-D14	13.1	119	182	45	133	14	△	△	△	△
SDJ08A-13.2-119-D14	13.2	119	182	45	133	14	△	△	△	△
SDJ08A-13.3-119-D14	13.3	119	182	45	133	14	△	△	△	△

整体硬质合金钻头-8xD公制内冷



型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ08A-13.4-119-D14	13.4	119	182	45	133	14	△	△	△	△
SDJ08A-13.5-119-D14	13.5	119	182	45	133	14	△	△	△	△
SDJ08A-13.6-119-D14	13.6	119	182	45	133	14	△	△	△	△
SDJ08A-13.7-119-D14	13.7	119	182	45	133	14	△	△	△	△
SDJ08A-13.8-119-D14	13.8	119	182	45	133	14	△	△	△	△
SDJ08A-13.9-119-D14	13.9	119	182	45	133	14	△	△	△	△
SDJ08A-14.0-119-D14	14.0	119	182	45	133	14	△	△	△	△
SDJ08A-14.1-136-D16	14.1	136	204	48	152	16	△	△	△	△
SDJ08A-14.2-136-D16	14.2	136	204	48	152	16	△	△	△	△
SDJ08A-14.5-136-D16	14.5	136	204	48	152	16	△	△	△	△
SDJ08A-14.7-136-D16	14.7	136	204	48	152	16	△	△	△	△
SDJ08A-14.8-136-D16	14.8	136	204	48	152	16	△	△	△	△
SDJ08A-14.9-136-D16	14.9	136	204	48	152	16	△	△	△	△
SDJ08A-15.0-136-D16	15.0	136	204	48	152	16	△	△	△	△
SDJ08A-15.1-136-D16	15.1	136	204	48	152	16	△	△	△	△
SDJ08A-15.2-136-D16	15.2	136	204	48	152	16	△	△	△	△
SDJ08A-15.3-136-D16	15.3	136	204	48	152	16	△	△	△	△
SDJ08A-15.5-136-D16	15.5	136	204	48	152	16	△	△	△	△
SDJ08A-15.7-136-D16	15.7	136	204	48	152	16	△	△	△	△
SDJ08A-15.8-136-D16	15.8	136	204	48	152	16	△	△	△	△
SDJ08A-15.9-136-D16	15.9	136	204	48	152	16	△	△	△	△
SDJ08A-16.0-136-D16	16.0	136	204	48	152	16	△	△	△	△
SDJ08A-16.1-153-D18	16.1	153	223	48	171	18	△	△	△	△
SDJ08A-16.2-153-D18	16.2	153	223	48	171	18	△	△	△	△
SDJ08A-16.5-153-D18	16.5	153	223	48	171	18	△	△	△	△
SDJ08A-16.8-153-D18	16.8	153	223	48	171	18	△	△	△	△
SDJ08A-16.9-153-D18	16.9	153	223	48	171	18	△	△	△	△
SDJ08A-17.0-153-D18	17.0	153	223	48	171	18	△	△	△	△
SDJ08A-17.1-153-D18	17.1	153	223	48	171	18	△	△	△	△
SDJ08A-17.2-153-D18	17.2	153	223	48	171	18	△	△	△	△
SDJ08A-17.5-153-D18	17.5	153	223	48	171	18	△	△	△	△
SDJ08A-17.8-153-D18	17.8	153	223	48	171	18	△	△	△	△
SDJ08A-17.9-153-D18	17.9	153	223	48	171	18	△	△	△	△
SDJ08A-18.0-153-D18	18.0	153	223	48	171	18	△	△	△	△

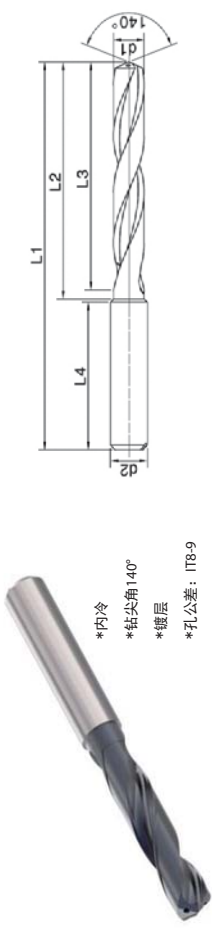
整体硬质合金钻头-12xD公制内冷



*内冷
*钻尖角140°
*镀层
*孔公差：IT8-9

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ12A-6.4-098-D08	6.4	98	148	36	110	8	△	△	△	△
SDJ12A-6.5-098-D08	6.5	98	148	36	110	8	△	△	△	△
SDJ12A-6.6-098-D08	6.6	98	148	36	110	8	△	△	△	△
SDJ12A-6.7-098-D08	6.7	98	148	36	110	8	△	△	△	△
SDJ12A-6.8-098-D08	6.8	98	148	36	110	8	△	△	△	△
SDJ12A-6.9-098-D08	6.9	98	148	36	110	8	△	△	△	△
SDJ12A-7.0-098-D08	7.0	98	148	36	110	8	△	△	△	△
SDJ12A-7.1-098-D08	7.1	98	148	36	110	8	△	△	△	△
SDJ12A-7.2-098-D08	7.2	98	148	36	110	8	△	△	△	△
SDJ12A-7.3-098-D08	7.3	98	148	36	110	8	△	△	△	△
SDJ12A-7.4-098-D08	7.4	98	148	36	110	8	△	△	△	△
SDJ12A-7.5-098-D08	7.5	98	148	36	110	8	△	△	△	△
SDJ12A-7.6-098-D08	7.6	98	148	36	110	8	△	△	△	△
SDJ12A-7.7-098-D08	7.7	98	148	36	110	8	△	△	△	△
SDJ12A-7.8-098-D08	7.8	98	148	36	110	8	△	△	△	△
SDJ12A-7.9-098-D08	7.9	98	148	36	110	8	△	△	△	△
SDJ12A-8.0-098-D08	8.0	98	148	36	110	8	△	△	△	△
SDJ12A-8.1-123-D10	8.1	123	180	40	138	10	△	△	△	△
SDJ12A-8.2-123-D10	8.2	123	180	40	138	10	△	△	△	△
SDJ12A-8.3-123-D10	8.3	123	180	40	138	10	△	△	△	△
SDJ12A-8.4-123-D10	8.4	123	180	40	138	10	△	△	△	△
SDJ12A-8.5-123-D10	8.5	123	180	40	138	10	△	△	△	△
SDJ12A-8.6-123-D10	8.6	123	180	40	138	10	△	△	△	△
SDJ12A-8.7-123-D10	8.7	123	180	40	138	10	△	△	△	△
SDJ12A-8.8-123-D10	8.8	123	180	40	138	10	△	△	△	△
SDJ12A-8.9-123-D10	8.9	123	180	40	138	10	△	△	△	△
SDJ12A-9.0-123-D10	9.0	123	180	40	138	10	△	△	△	△
SDJ12A-9.1-123-D10	9.1	123	180	40	138	10	△	△	△	△
SDJ12A-9.2-123-D10	9.2	123	180	40	138	10	△	△	△	△
SDJ12A-9.3-123-D10	9.3	123	180	40	138	10	△	△	△	△
SDJ12A-9.4-123-D10	9.4	123	180	40	138	10	△	△	△	△
SDJ12A-9.5-123-D10	9.5	123	180	40	138	10	△	△	△	△
SDJ12A-9.6-123-D10	9.6	123	180	40	138	10	△	△	△	△
SDJ12A-9.7-123-D10	9.7	123	180	40	138	10	△	△	△	△
SDJ12A-9.8-123-D10	9.8	123	180	40	138	10	△	△	△	△

整体硬质合金钻头-12xD公制内冷

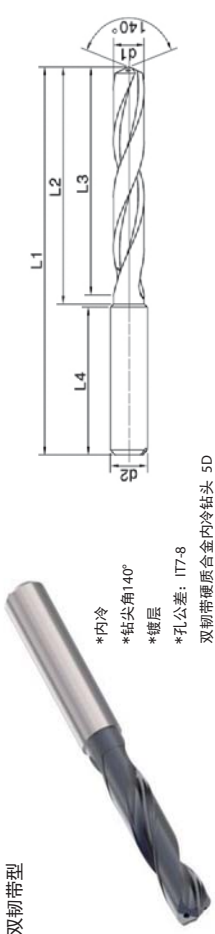


*内冷
*钻尖角140°
*镀层
*孔公差：IT8-9

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ12A-9.9-125-D10	9.9	123	180	40	138	10	△	△	△	△
SDJ12A-10.0-123-D10	10.0	123	180	40	138	10	△	△	△	△
SDJ12A-10.1-140-D12	10.1	140	206	45	158	12	△	△	△	△
SDJ12A-10.2-140-D12	10.2	140	206	45	158	12	△	△	△	△
SDJ12A-10.3-140-D12	10.3	140	206	45	158	12	△	△	△	△
SDJ12A-10.4-140-D12	10.4	140	206	45	158	12	△	△	△	△
SDJ12A-10.5-140-D12	10.5	140	206	45	158	12	△	△	△	△
SDJ12A-10.6-140-D12	10.6	140	206	45	158	12	△	△	△	△
SDJ12A-10.7-140-D12	10.7	140	206	45	158	12	△	△	△	△
SDJ12A-10.8-140-D12	10.8	140	206	45	158	12	△	△	△	△
SDJ12A-10.9-140-D12	10.9	140	206	45	158	12	△	△	△	△
SDJ12A-11.0-140-D12	11.0	140	206	45	158	12	△	△	△	△
SDJ12A-11.1-140-D12	11.1	140	206	45	158	12	△	△	△	△
SDJ12A-11.2-140-D12	11.2	140	206	45	158	12	△	△	△	△
SDJ12A-11.3-140-D12	11.3	140	206	45	158	12	△	△	△	△
SDJ12A-11.4-140-D12	11.4	140	206	45	158	12	△	△	△	△
SDJ12A-11.5-140-D12	11.5	140	206	45	158	12	△	△	△	△
SDJ12A-11.6-140-D12	11.6	140	206	45	158	12	△	△	△	△
SDJ12A-11.7-140-D12	11.7	140	206	45	158	12	△	△	△	△
SDJ12A-11.8-140-D12	11.8	140	206	45	158	12	△	△	△	△
SDJ12A-11.9-140-D12	11.9	140	206	45	158	12	△	△	△	△
SDJ12A-12.0-140-D12	12.0	140	206	45	158	12	△	△	△	△
SDJ12A-12.1-168-D14	12.1	168	230	45	182	14	△	△	△	△
SDJ12A-12.2-168-D14	12.2	168	230	45	182	14	△	△	△	△
SDJ12A-12.3-168-D14	12.3	168	230	45	182	14	△	△	△	△
SDJ12A-12.4-168-D14	12.4	168	230	45	182	14	△	△	△	△
SDJ12A-12.5-168-D14	12.5	168	230	45	182	14	△	△	△	△
SDJ12A-12.6-168-D14	12.6	168	230	45	182	14	△	△	△	△
SDJ12A-12.7-168-D14	12.7	168	230	45	182	14	△	△	△	△
SDJ12A-12.8-168-D14	12.8	168	230	45	182	14	△	△	△	△
SDJ12A-12.9-168-D14	12.9	168	230	45	182	14	△	△	△	△
SDJ12A-13.0-168-D14	13.0	168	230	45	182	14	△	△	△	△
SDJ12A-13.1-168-D14	13.1	168	230	45	182	14	△	△	△	△
SDJ12A-13.2-168-D14	13.2	168	230	45	182	14	△	△	△	△
SDJ12A-13.3-168-D14	13.3	168	230	45	182	14	△	△	△	△

整体硬质合金钻头-5xD公制内冷

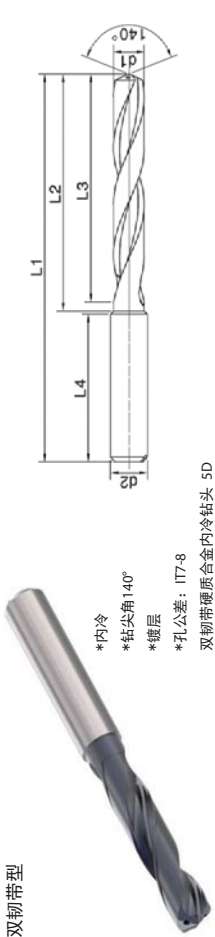
双韧带型



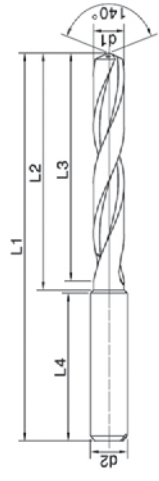
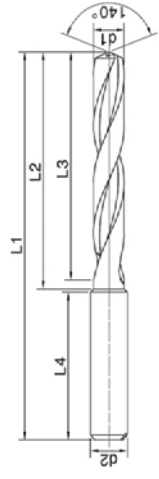
型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ05SA-6.4-043-D08	6.4	43	91	36	53	8	△	△	△	△
SDJ05SA-6.5-043-D08	6.5	43	91	36	53	8	△	△	△	△
SDJ05SA-6.6-043-D08	6.6	43	91	36	53	8	△	△	△	△
SDJ05SA-6.7-043-D08	6.7	43	91	36	53	8	△	△	△	△
SDJ05SA-6.8-043-D08	6.8	43	91	36	53	8	△	△	△	△
SDJ05SA-6.9-043-D08	6.9	43	91	36	53	8	△	△	△	△
SDJ05SA-7.0-043-D08	7.0	43	91	36	53	8	△	△	△	△
SDJ05SA-7.1-043-D08	7.1	43	91	36	53	8	△	△	△	△
SDJ05SA-7.2-043-D08	7.2	43	91	36	53	8	△	△	△	△
SDJ05SA-7.3-043-D08	7.3	43	91	36	53	8	△	△	△	△
SDJ05SA-7.4-043-D08	7.4	43	91	36	53	8	△	△	△	△
SDJ05SA-7.5-043-D08	7.5	43	91	36	53	8	△	△	△	△
SDJ05SA-7.6-043-D08	7.6	43	91	36	53	8	△	△	△	△
SDJ05SA-7.7-043-D08	7.7	43	91	36	53	8	△	△	△	△
SDJ05SA-7.8-043-D08	7.8	43	91	36	53	8	△	△	△	△
SDJ05SA-7.9-043-D08	7.9	43	91	36	53	8	△	△	△	△
SDJ05SA-8.0-043-D08	8.0	43	91	36	53	8	△	△	△	△
SDJ05SA-8.1-049-D10	8.1	49	103	40	61	10	△	△	△	△
SDJ05SA-8.2-049-D10	8.2	49	103	40	61	10	△	△	△	△
SDJ05SA-8.3-049-D10	8.3	49	103	40	61	10	△	△	△	△
SDJ05SA-8.4-049-D10	8.4	49	103	40	61	10	△	△	△	△
SDJ05SA-8.5-049-D10	8.5	49	103	40	61	10	△	△	△	△
SDJ05SA-8.6-049-D10	8.6	49	103	40	61	10	△	△	△	△
SDJ05SA-8.7-049-D10	8.7	49	103	40	61	10	△	△	△	△
SDJ05SA-8.8-049-D10	8.8	49	103	40	61	10	△	△	△	△
SDJ05SA-8.9-049-D10	8.9	49	103	40	61	10	△	△	△	△
SDJ05SA-9.0-049-D10	9.0	49	103	40	61	10	△	△	△	△
SDJ05SA-9.1-049-D10	9.1	49	103	40	61	10	△	△	△	△
SDJ05SA-9.2-049-D10	9.2	49	103	40	61	10	△	△	△	△
SDJ05SA-9.3-049-D10	9.3	49	103	40	61	10	△	△	△	△
SDJ05SA-9.4-049-D10	9.4	49	103	40	61	10	△	△	△	△
SDJ05SA-9.5-049-D10	9.5	49	103	40	61	10	△	△	△	△
SDJ05SA-9.6-049-D10	9.6	49	103	40	61	10	△	△	△	△
SDJ05SA-9.7-049-D10	9.7	49	103	40	61	10	△	△	△	△
SDJ05SA-9.8-049-D10	9.8	49	103	40	61	10	△	△	△	△
SDJ05SA-9.9-049-D10	9.9	49	103	40	61	10	△	△	△	△

整体硬质合金钻头-5xD公制内冷

双韧带型



型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ05SA-10.0-049-D10	10.0	49	103	40	61	10	△	△	△	△
SDJ05SA-10.1-056-D12	10.1	56	118	45	71	12	△	△	△	△
SDJ05SA-10.2-056-D12	10.2	56	118	45	71	12	△	△	△	△
SDJ05SA-10.3-056-D12	10.3	56	118	45	71	12	△	△	△	△
SDJ05SA-10.4-056-D12	10.4	56	118	45	71	12	△	△	△	△
SDJ05SA-10.5-056-D12	10.5	56	118	45	71	12	△	△	△	△
SDJ05SA-10.6-056-D12	10.6	56	118	45	71	12	△	△	△	△
SDJ05SA-10.7-056-D12	10.7	56	118	45	71	12	△	△	△	△
SDJ05SA-10.8-056-D12	10.8	56	118	45	71	12	△	△	△	△
SDJ05SA-10.9-056-D12	10.9	56	118	45	71	12	△	△	△	△
SDJ05SA-11.0-056-D12	11.0	56	118	45	71	12	△	△	△	△
SDJ05SA-11.1-056-D12	11.1	56	118	45	71	12	△	△	△	△
SDJ05SA-11.2-056-D12	11.2	56	118	45	71	12	△	△	△	△
SDJ05SA-11.3-056-D12	11.3	56	118	45	71	12	△	△	△	△
SDJ05SA-11.4-056-D12	11.4	56	118	45	71	12	△	△	△	△
SDJ05SA-11.5-056-D12	11.5	56	118	45	71	12	△	△	△	△
SDJ05SA-11.6-056-D12	11.6	56	118	45	71	12	△	△	△	△
SDJ05SA-11.7-056-D12	11.7	56	118	45	71	12	△	△	△	△
SDJ05SA-11.8-056-D12	11.8	56	118	45	71	12	△	△	△	△
SDJ05SA-11.9-056-D12	11.9	56	118	45	71	12	△	△	△	△
SDJ05SA-12.0-056-D12	12.0	56	118	45	71	12	△	△	△	△
SDJ05SA-12.1-060-D14	12.1	60	124	45	77	14	△	△	△	△
SDJ05SA-12.2-060-D14	12.2	60	124	45	77	14	△	△	△	△
SDJ05SA-12.3-060-D14	12.3	60	124	45	77	14	△	△	△	△
SDJ05SA-12.4-060-D14	12.4	60	124	45	77	14	△	△	△	△
SDJ05SA-12.5-060-D14	12.5	60	124	45	77	14	△	△	△	△
SDJ05SA-12.6-060-D14	12.6	60	124	45	77	14	△	△	△	△
SDJ05SA-12.7-060-D14	12.7	60	124	45	77	14	△	△	△	△
SDJ05SA-12.8-060-D14	12.8	60	124	45	77	14	△	△	△	△
SDJ05SA-12.9-060-D14	12.9	60	124	45	77	14	△	△	△	△
SDJ05SA-13.0-060-D14	13.0	60	124	45	77	14	△	△	△	△
SDJ05SA-13.1-060-D14	13.1	60	124	45	77	14	△	△	△	△
SDJ05SA-13.2-060-D14	13.2	60	124	45	77	14	△	△	△	△
SDJ05SA-13.3-060-D14	13.3	60	124	45	77	14	△	△	△	△
SDJ05SA-13.4-060-D14	13.4	60	124	45	77	14	△	△	△	△



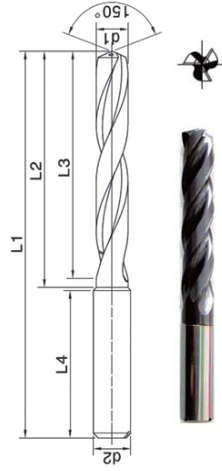
型号	尺寸mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDJ05SA-13.5-060-D14	13.5	60	124	45	77	14	△	△	△	△
SDJ05SA-13.6-060-D14	13.6	60	124	45	77	14	△	△	△	△
SDJ05SA-13.7-060-D14	13.7	60	124	45	77	14	△	△	△	△
SDJ05SA-13.8-060-D14	13.8	60	124	45	77	14	△	△	△	△
SDJ05SA-13.9-060-D14	13.9	60	124	45	77	14	△	△	△	△
SDJ05SA-14.0-060-D14	14.0	60	124	45	77	14	△	△	△	△
SDJ05SA-14.1-063-D16	14.1	63	133	48	83	16	△	△	△	△
SDJ05SA-14.2-063-D16	14.2	63	133	48	83	16	△	△	△	△
SDJ05SA-14.5-063-D16	14.5	63	133	48	83	16	△	△	△	△
SDJ05SA-14.7-063-D16	14.7	63	133	48	83	16	△	△	△	△
SDJ05SA-14.8-063-D16	14.8	63	133	48	83	16	△	△	△	△
SDJ05SA-14.9-063-D16	14.9	63	133	48	83	16	△	△	△	△
SDJ05SA-15.0-063-D16	15.0	63	133	48	83	16	△	△	△	△
SDJ05SA-15.1-063-D16	15.1	63	133	48	83	16	△	△	△	△
SDJ05SA-15.2-063-D16	15.2	63	133	48	83	16	△	△	△	△
SDJ05SA-15.3-063-D16	15.3	63	133	48	83	16	△	△	△	△
SDJ05SA-15.5-063-D16	15.5	63	133	48	83	16	△	△	△	△
SDJ05SA-15.7-063-D16	15.7	63	133	48	83	16	△	△	△	△
SDJ05SA-15.8-063-D16	15.8	63	133	48	83	16	△	△	△	△
SDJ05SA-15.9-063-D16	15.9	63	133	48	83	16	△	△	△	△
SDJ05SA-16.0-063-D16	16.0	63	133	48	83	16	△	△	△	△
SDJ05SA-16.1-071-D18	16.1	71	143	48	93	18	△	△	△	△
SDJ05SA-16.2-071-D18	16.2	71	143	48	93	18	△	△	△	△
SDJ05SA-16.3-071-D18	16.3	71	143	48	93	18	△	△	△	△
SDJ05SA-16.4-071-D18	16.4	71	143	48	93	18	△	△	△	△
SDJ05SA-16.5-071-D18	16.5	71	143	48	93	18	△	△	△	△
SDJ05SA-16.6-071-D18	16.6	71	143	48	93	18	△	△	△	△
SDJ05SA-16.7-071-D18	16.7	71	143	48	93	18	△	△	△	△
SDJ05SA-16.8-071-D18	16.8	71	143	48	93	18	△	△	△	△
SDJ05SA-16.9-071-D18	16.9	71	143	48	93	18	△	△	△	△
SDJ05SA-17.0-071-D18	17.0	71	143	48	93	18	△	△	△	△
SDJ05SA-17.1-071-D18	17.1	71	143	48	93	18	△	△	△	△
SDJ05SA-17.2-071-D18	17.2	71	143	48	93	18	△	△	△	△
SDJ05SA-17.3-071-D18	17.3	71	143	48	93	18	△	△	△	△
SDJ05SA-17.4-071-D18	17.4	71	143	48	93	18	△	△	△	△

*更多尺寸与规格, 请联系销售人员咨询
*订货举例: SDJ055A-20.0-077-D20 (加)
*最小订购数量为1支

[illegible]

整体硬质合金钻头-5xD公制内冷

3刃钻

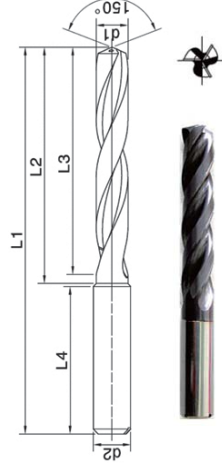


*内冷
*钻尖角150°
*镀层
*孔公差：IT8-9
3刃硬质合金内冷钻头 5D

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ305A-3.0-023-D04	3.0	23	66	36	25	4	△	△	△	△
SDJ305A-3.1-023-D04	3.1	23	66	36	25	4	△	△	△	△
SDJ305A-3.2-023-D04	3.2	23	66	36	25	4	△	△	△	△
SDJ305A-3.3-023-D04	3.3	23	66	36	25	4	△	△	△	△
SDJ305A-3.4-023-D04	3.4	23	66	36	25	4	△	△	△	△
SDJ305A-3.5-023-D04	3.5	23	66	36	25	4	△	△	△	△
SDJ305A-3.6-023-D04	3.6	23	66	36	25	4	△	△	△	△
SDJ305A-3.7-023-D04	3.7	23	66	36	25	4	△	△	△	△
SDJ305A-3.8-029-D04	3.8	29	74	36	36	4	△	△	△	△
SDJ305A-3.9-029-D04	3.9	29	74	36	36	4	△	△	△	△
SDJ305A-4.0-029-D04	4.0	29	74	36	36	4	△	△	△	△
SDJ305A-4.1-029-D06	4.1	29	74	36	36	6	△	△	△	△
SDJ305A-4.2-029-D06	4.2	29	74	36	36	6	△	△	△	△
SDJ305A-4.3-029-D06	4.3	29	74	36	36	6	△	△	△	△
SDJ305A-4.4-029-D06	4.4	29	74	36	36	6	△	△	△	△
SDJ305A-4.5-029-D06	4.5	29	74	36	36	6	△	△	△	△
SDJ305A-4.6-029-D06	4.6	29	74	36	36	6	△	△	△	△
SDJ305A-4.7-029-D06	4.7	29	74	36	36	6	△	△	△	△
SDJ305A-4.8-035-D06	4.8	35	82	36	44	6	△	△	△	△
SDJ305A-4.9-035-D06	4.9	35	82	36	44	6	△	△	△	△
SDJ305A-5.0-035-D06	5.0	35	82	36	44	6	△	△	△	△
SDJ305A-5.1-035-D06	5.1	35	82	36	44	6	△	△	△	△
SDJ305A-5.2-035-D06	5.2	35	82	36	44	6	△	△	△	△
SDJ305A-5.3-035-D06	5.3	35	82	36	44	6	△	△	△	△
SDJ305A-5.4-035-D06	5.4	35	82	36	44	6	△	△	△	△
SDJ305A-5.5-035-D06	5.5	35	82	36	44	6	△	△	△	△
SDJ305A-5.6-035-D06	5.6	35	82	36	44	6	△	△	△	△
SDJ305A-5.7-035-D06	5.7	35	82	36	44	6	△	△	△	△
SDJ305A-5.8-035-D06	5.8	35	82	36	44	6	△	△	△	△
SDJ305A-5.9-035-D06	5.9	35	82	36	44	6	△	△	△	△
SDJ305A-6.0-035-D06	6.0	35	82	36	44	6	△	△	△	△
SDJ305A-6.1-043-D08	6.1	43	91	36	53	8	△	△	△	△
SDJ305A-6.2-043-D08	6.2	43	91	36	53	8	△	△	△	△
SDJ305A-6.3-043-D08	6.3	43	91	36	53	8	△	△	△	△

整体硬质合金钻头-5xD公制内冷

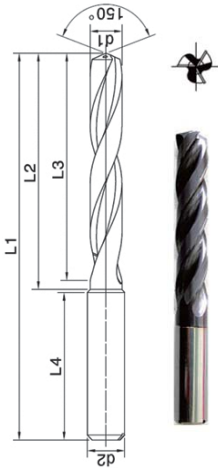
3刃钻



*内冷
*钻尖角150°
*镀层
*孔公差：IT8-9
3刃硬质合金内冷钻头 5D

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ305A-6.4-043-D08	6.4	43	91	36	53	8	△	△	△	△
SDJ305A-6.5-043-D08	6.5	43	91	36	53	8	△	△	△	△
SDJ305A-6.6-043-D08	6.6	43	91	36	53	8	△	△	△	△
SDJ305A-6.7-043-D08	6.7	43	91	36	53	8	△	△	△	△
SDJ305A-6.8-043-D08	6.8	43	91	36	53	8	△	△	△	△
SDJ305A-6.9-043-D08	6.9	43	91	36	53	8	△	△	△	△
SDJ305A-7.0-043-D08	7.0	43	91	36	53	8	△	△	△	△
SDJ305A-7.1-043-D08	7.1	43	91	36	53	8	△	△	△	△
SDJ305A-7.2-043-D08	7.2	43	91	36	53	8	△	△	△	△
SDJ305A-7.3-043-D08	7.3	43	91	36	53	8	△	△	△	△
SDJ305A-7.4-043-D08	7.4	43	91	36	53	8	△	△	△	△
SDJ305A-7.5-043-D08	7.5	43	91	36	53	8	△	△	△	△
SDJ305A-7.6-043-D08	7.6	43	91	36	53	8	△	△	△	△
SDJ305A-7.7-043-D08	7.7	43	91	36	53	8	△	△	△	△
SDJ305A-7.8-043-D08	7.8	43	91	36	53	8	△	△	△	△
SDJ305A-7.9-043-D08	7.9	43	91	36	53	8	△	△	△	△
SDJ305A-8.0-043-D08	8.0	43	91	36	53	8	△	△	△	△
SDJ305A-8.1-049-D10	8.1	49	103	40	61	10	△	△	△	△
SDJ305A-8.2-049-D10	8.2	49	103	40	61	10	△	△	△	△
SDJ305A-8.3-049-D10	8.3	49	103	40	61	10	△	△	△	△
SDJ305A-8.4-049-D10	8.4	49	103	40	61	10	△	△	△	△
SDJ305A-8.5-049-D10	8.5	49	103	40	61	10	△	△	△	△
SDJ305A-8.6-049-D10	8.6	49	103	40	61	10	△	△	△	△
SDJ305A-8.7-049-D10	8.7	49	103	40	61	10	△	△	△	△
SDJ305A-8.8-049-D10	8.8	49	103	40	61	10	△	△	△	△
SDJ305A-8.9-049-D10	8.9	49	103	40	61	10	△	△	△	△
SDJ305A-9.0-049-D10	9.0	49	103	40	61	10	△	△	△	△
SDJ305A-9.1-049-D10	9.1	49	103	40	61	10	△	△	△	△
SDJ305A-9.2-049-D10	9.2	49	103	40	61	10	△	△	△	△
SDJ305A-9.3-049-D10	9.3	49	103	40	61	10	△	△	△	△
SDJ305A-9.4-049-D10	9.4	49	103	40	61	10	△	△	△	△
SDJ305A-9.5-049-D10	9.5	49	103	40	61	10	△	△	△	△
SDJ305A-9.6-049-D10	9.6	49	103	40	61	10	△	△	△	△
SDJ305A-9.7-049-D10	9.7	49	103	40	61	10	△	△	△	△
SDJ305A-9.8-049-D10	9.8	49	103	40	61	10	△	△	△	△
SDJ305A-9.9-049-D10	9.9	49	103	40	61	10	△	△	△	△

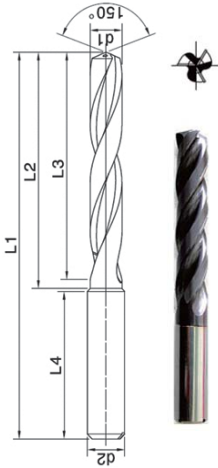
3刃钻



*内冷
*钻尖角150°
*镀层
*孔公差：IT8-9
3刃硬质合金内冷钻头 5D

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ305A-10.0-049-D10	10.0	49	103	40	61	10	△	△	△	△
SDJ305A-10.1-056-D12	10.1	56	118	45	71	12	△	△	△	△
SDJ305A-10.2-056-D12	10.2	56	118	45	71	12	△	△	△	△
SDJ305A-10.3-056-D12	10.3	56	118	45	71	12	△	△	△	△
SDJ305A-10.4-056-D12	10.4	56	118	45	71	12	△	△	△	△
SDJ305A-10.5-056-D12	10.5	56	118	45	71	12	△	△	△	△
SDJ305A-10.6-056-D12	10.6	56	118	45	71	12	△	△	△	△
SDJ305A-10.7-056-D12	10.7	56	118	45	71	12	△	△	△	△
SDJ305A-10.8-056-D12	10.8	56	118	45	71	12	△	△	△	△
SDJ305A-10.9-056-D12	10.9	56	118	45	71	12	△	△	△	△
SDJ305A-11.0-056-D12	11.0	56	118	45	71	12	△	△	△	△
SDJ305A-11.1-056-D12	11.1	56	118	45	71	12	△	△	△	△
SDJ305A-11.2-056-D12	11.2	56	118	45	71	12	△	△	△	△
SDJ305A-11.3-056-D12	11.3	56	118	45	71	12	△	△	△	△
SDJ305A-11.4-056-D12	11.4	56	118	45	71	12	△	△	△	△
SDJ305A-11.5-056-D12	11.5	56	118	45	71	12	△	△	△	△
SDJ305A-11.6-056-D12	11.6	56	118	45	71	12	△	△	△	△
SDJ305A-11.7-056-D12	11.7	56	118	45	71	12	△	△	△	△
SDJ305A-11.8-056-D12	11.8	56	118	45	71	12	△	△	△	△
SDJ305A-11.9-056-D12	11.9	56	118	45	71	12	△	△	△	△
SDJ305A-12.0-056-D12	12.0	56	118	45	71	12	△	△	△	△
SDJ305A-12.1-060-D14	12.1	60	124	45	77	14	△	△	△	△
SDJ305A-12.2-060-D14	12.2	60	124	45	77	14	△	△	△	△
SDJ305A-12.3-060-D14	12.3	60	124	45	77	14	△	△	△	△
SDJ305A-12.4-060-D14	12.4	60	124	45	77	14	△	△	△	△
SDJ305A-12.5-060-D14	12.5	60	124	45	77	14	△	△	△	△
SDJ305A-12.6-060-D14	12.6	60	124	45	77	14	△	△	△	△
SDJ305A-12.7-060-D14	12.7	60	124	45	77	14	△	△	△	△
SDJ305A-12.8-060-D14	12.8	60	124	45	77	14	△	△	△	△
SDJ305A-12.9-060-D14	12.9	60	124	45	77	14	△	△	△	△
SDJ305A-13.0-060-D14	13.0	60	124	45	77	14	△	△	△	△
SDJ305A-13.1-060-D14	13.1	60	124	45	77	14	△	△	△	△
SDJ305A-13.2-060-D14	13.2	60	124	45	77	14	△	△	△	△
SDJ305A-13.3-060-D14	13.3	60	124	45	77	14	△	△	△	△
SDJ305A-13.4-060-D14	13.4	60	124	45	77	14	△	△	△	△

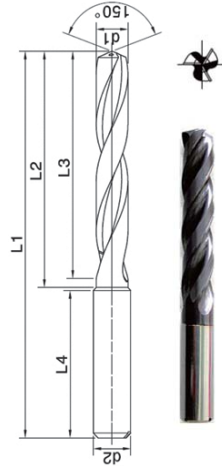
3刃钻



*内冷
*钻尖角150°
*镀层
*孔公差：IT8-9
3刃硬质合金内冷钻头 5D

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDJ305A-13.5-060-D14	13.5	60	124	45	77	14	△	△	△	△
SDJ305A-13.6-060-D14	13.6	60	124	45	77	14	△	△	△	△
SDJ305A-13.7-060-D14	13.7	60	124	45	77	14	△	△	△	△
SDJ305A-13.8-060-D14	13.8	60	124	45	77	14	△	△	△	△
SDJ305A-13.9-060-D14	13.9	60	124	45	77	14	△	△	△	△
SDJ305A-14.0-060-D14	14.0	60	124	45	77	14	△	△	△	△
SDJ305A-14.1-063-D16	14.1	63	133	48	83	16	△	△	△	△
SDJ305A-14.2-063-D16	14.2	63	133	48	83	16	△	△	△	△
SDJ305A-14.5-063-D16	14.5	63	133	48	83	16	△	△	△	△
SDJ305A-14.7-063-D16	14.7	63	133	48	83	16	△	△	△	△
SDJ305A-14.8-063-D16	14.8	63	133	48	83	16	△	△	△	△
SDJ305A-14.9-063-D16	14.9	63	133	48	83	16	△	△	△	△
SDJ305A-15.0-063-D16	15.0	63	133	48	83	16	△	△	△	△
SDJ305A-15.1-063-D16	15.1	63	133	48	83	16	△	△	△	△
SDJ305A-15.2-063-D16	15.2	63	133	48	83	16	△	△	△	△
SDJ305A-15.3-063-D16	15.3	63	133	48	83	16	△	△	△	△
SDJ305A-15.5-063-D16	15.5	63	133	48	83	16	△	△	△	△
SDJ305A-15.7-063-D16	15.7	63	133	48	83	16	△	△	△	△
SDJ305A-15.8-063-D16	15.8	63	133	48	83	16	△	△	△	△
SDJ305A-15.9-063-D16	15.9	63	133	48	83	16	△	△	△	△
SDJ305A-16.0-063-D16	16.0	63	133	48	83	16	△	△	△	△
SDJ305A-16.1-071-D18	16.1	71	143	48	93	18	△	△	△	△
SDJ305A-16.2-071-D18	16.2	71	143	48	93	18	△	△	△	△
SDJ305A-16.3-071-D18	16.3	71	143	48	93	18	△	△	△	△
SDJ305A-16.4-071-D18	16.4	71	143	48	93	18	△	△	△	△
SDJ305A-16.5-071-D18	16.5	71	143	48	93	18	△	△	△	△
SDJ305A-16.6-071-D18	16.6	71	143	48	93	18	△	△	△	△
SDJ305A-16.7-071-D18	16.7	71	143	48	93	18	△	△	△	△
SDJ305A-16.8-071-D18	16.8	71	143	48	93	18	△	△	△	△
SDJ305A-16.9-071-D18	16.9	71	143	48	93	18	△	△	△	△
SDJ305A-17.0-071-D18	17.0	71	143	48	93	18	△	△	△	△
SDJ305A-17.1-071-D18	17.1	71	143	48	93	18	△	△	△	△
SDJ305A-17.2-071-D18	17.2	71	143	48	93	18	△	△	△	△
SDJ305A-17.3-071-D18	17.3	71	143	48	93	18	△	△	△	△
SDJ305A-17.4-071-D18	17.4	71	143	48	93	18	△	△	△	△

3刃钻



愈因*

*钻头角 150°

鐵

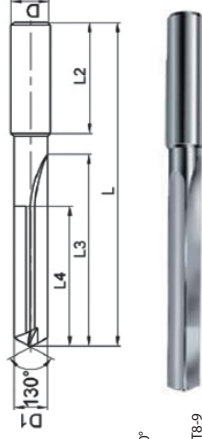
*孔公差: IT8-9

3刃硬质合金内冷钻头 5D

直槽钻

使用特点

用于:灰铸铁、高硅铝合金、铜合金等短切削材料的加工,对于变形铝、纯铜必须采用内冷强制排屑,定心能力强,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所,高速大进给。



冷肉

*钻尖角 130°

山
雲
*

*孔公差: IT8-9

[illegible]

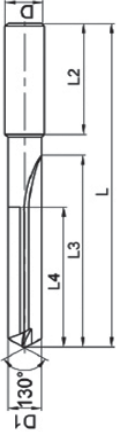
***更多尺寸与规格, 请联系销售人员咨询**

*订货举例: SDJ305A-3.0-014-D04-P (加工钢件材料高性能钻头)

*最小订购数量为1支

型号	尺寸 mm						推荐材料	
	d1 m7	L3	L1	L4	L2	d2	-K	-N
SDL05A-3.0-023-D04	3.0	23	66	36	25	4	△	△
SDL05A-3.1-023-D04	3.1	23	66	36	25	4	△	△
SDL05A-3.2-023-D04	3.2	23	66	36	25	4	△	△
SDL05A-3.3-023-D04	3.3	23	66	36	25	4	△	△
SDL05A-3.4-023-D04	3.4	23	66	36	25	4	△	△
SDL05A-3.5-023-D04	3.5	23	66	36	25	4	△	△
SDL05A-3.6-023-D04	3.6	23	66	36	25	4	△	△
SDL05A-3.7-023-D04	3.7	23	66	36	25	4	△	△
SDL05A-3.8-029-D04	3.8	29	74	36	36	4	△	△
SDL05A-3.9-029-D04	3.9	29	74	36	36	4	△	△
SDL05A-4.0-029-D04	4.0	29	74	36	36	4	△	△
SDL05A-4.1-029-D06	4.1	29	74	36	36	6	△	△
SDL05A-4.2-029-D06	4.2	29	74	36	36	6	△	△
SDL05A-4.3-029-D06	4.3	29	74	36	36	6	△	△
SDL05A-4.4-029-D06	4.4	29	74	36	36	6	△	△
SDL05A-4.5-029-D06	4.5	29	74	36	36	6	△	△
SDL05A-4.6-029-D06	4.6	29	74	36	36	6	△	△
SDL05A-4.7-029-D06	4.7	29	74	36	36	6	△	△
SDL05A-4.8-035-D06	4.8	35	82	36	44	6	△	△
SDL05A-4.9-035-D06	4.9	35	82	36	44	6	△	△
SDL05A-5.0-035-D06	5.0	35	82	36	44	6	△	△
SDL05A-5.1-035-D06	5.1	35	82	36	44	6	△	△
SDL05A-5.2-035-D06	5.2	35	82	36	44	6	△	△
SDL05A-5.3-035-D06	5.3	35	82	36	44	6	△	△
SDL05A-5.4-035-D06	5.4	35	82	36	44	6	△	△
SDL05A-5.5-035-D06	5.5	35	82	36	44	6	△	△
SDL05A-5.6-035-D06	5.6	35	82	36	44	6	△	△
SDL05A-5.7-035-D06	5.7	35	82	36	44	6	△	△
SDL05A-5.8-035-D06	5.8	35	82	36	44	6	△	△
SDL05A-5.9-035-D06	5.9	35	82	36	44	6	△	△
SDL05A-6.0-035-D06	6.0	35	82	36	44	6	△	△
							△	△
SDL05A-6.1-043-D08	6.1	43	91	36	53	8	△	△
SDL05A-6.2-043-D08	6.2	43	91	36	53	8	△	△
SDL05A-6.3-043-D08	6.3	43	91	36	53	8	△	△

直槽钻

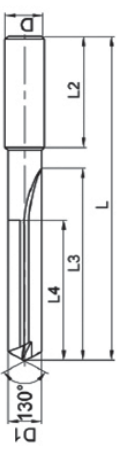


- *内冷
- *钻尖角130°
- *镀层
- *孔公差：IT8-9



型号	尺寸 mm						推荐材料	
	d1 m7	L3	L1	L4	L2	d2	-K	-N
SDL05A-6.4-043-D08	6.4	43	91	36	53	8	△	△
SDL05A-6.5-043-D08	6.5	43	91	36	53	8	△	△
SDL05A-6.6-043-D08	6.6	43	91	36	53	8	△	△
SDL05A-6.7-043-D08	6.7	43	91	36	53	8	△	△
SDL05A-6.8-043-D08	6.8	43	91	36	53	8	△	△
SDL05A-6.9-043-D08	6.9	43	91	36	53	8	△	△
SDL05A-7.0-043-D08	7.0	43	91	36	53	8	△	△
SDL05A-7.1-043-D08	7.1	43	91	36	53	8	△	△
SDL05A-7.2-043-D08	7.2	43	91	36	53	8	△	△
SDL05A-7.3-043-D08	7.3	43	91	36	53	8	△	△
SDL05A-7.4-043-D08	7.4	43	91	36	53	8	△	△
SDL05A-7.5-043-D08	7.5	43	91	36	53	8	△	△
SDL05A-7.6-043-D08	7.6	43	91	36	53	8	△	△
SDL05A-7.7-043-D08	7.7	43	91	36	53	8	△	△
SDL05A-7.8-043-D08	7.8	43	91	36	53	8	△	△
SDL05A-7.9-043-D08	7.9	43	91	36	53	8	△	△
SDL05A-8.0-043-D08	8.0	43	91	36	53	8	△	△
SDL05A-8.1-049-D10	8.1	49	103	40	61	10	△	△
SDL05A-8.2-049-D10	8.2	49	103	40	61	10	△	△
SDL05A-8.3-049-D10	8.3	49	103	40	61	10	△	△
SDL05A-8.4-049-D10	8.4	49	103	40	61	10	△	△
SDL05A-8.5-049-D10	8.5	49	103	40	61	10	△	△
SDL05A-8.6-049-D10	8.6	49	103	40	61	10	△	△
SDL05A-8.7-049-D10	8.7	49	103	40	61	10	△	△
SDL05A-8.8-049-D10	8.8	49	103	40	61	10	△	△
SDL05A-8.9-049-D10	8.9	49	103	40	61	10	△	△
SDL05A-9.0-049-D10	9.0	49	103	40	61	10	△	△
SDL05A-9.1-049-D10	9.1	49	103	40	61	10	△	△
SDL05A-9.2-049-D10	9.2	49	103	40	61	10	△	△
SDL05A-9.3-049-D10	9.3	49	103	40	61	10	△	△
SDL05A-9.4-049-D10	9.4	49	103	40	61	10	△	△
SDL05A-9.5-049-D10	9.5	49	103	40	61	10	△	△
SDL05A-9.6-049-D10	9.6	49	103	40	61	10	△	△
SDL05A-9.7-049-D10	9.7	49	103	40	61	10	△	△
SDL05A-9.8-049-D10	9.8	49	103	40	61	10	△	△
SDL05A-9.9-049-D10	9.9	49	103	40	61	10	△	△

直槽钻

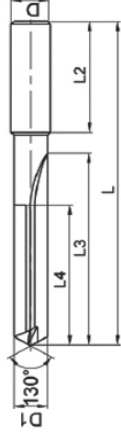


- *内冷
- *钻尖角130°
- *镀层
- *孔公差：IT8-9



型号	尺寸 mm						推荐材料	
	d1 m7	L3	L1	L4	L2	d2	-K	-N
SDL05A-10.0-049-D10	10.0	49	103	40	61	10	△	△
SDL05A-10.1-056-D12	10.1	56	118	45	71	12	△	△
SDL05A-10.2-056-D12	10.2	56	118	45	71	12	△	△
SDL05A-10.3-056-D12	10.3	56	118	45	71	12	△	△
SDL05A-10.4-056-D12	10.4	56	118	45	71	12	△	△
SDL05A-10.5-056-D12	10.5	56	118	45	71	12	△	△
SDL05A-10.6-056-D12	10.6	56	118	45	71	12	△	△
SDL05A-10.7-056-D12	10.7	56	118	45	71	12	△	△
SDL05A-10.8-056-D12	10.8	56	118	45	71	12	△	△
SDL05A-10.9-056-D12	10.9	56	118	45	71	12	△	△
SDL05A-11.0-056-D12	11.0	56	118	45	71	12	△	△
SDL05A-11.1-056-D12	11.1	56	118	45	71	12	△	△
SDL05A-11.2-056-D12	11.2	56	118	45	71	12	△	△
SDL05A-11.3-056-D12	11.3	56	118	45	71	12	△	△
SDL05A-11.4-056-D12	11.4	56	118	45	71	12	△	△
SDL05A-11.5-056-D12	11.5	56	118	45	71	12	△	△
SDL05A-11.6-056-D12	11.6	56	118	45	71	12	△	△
SDL05A-11.7-056-D12	11.7	56	118	45	71	12	△	△
SDL05A-11.8-056-D12	11.8	56	118	45	71	12	△	△
SDL05A-11.9-056-D12	11.9	56	118	45	71	12	△	△
SDL05A-12.0-056-D12	12.0	56	118	45	71	12	△	△
SDL05A-12.1-060-D14	12.1	60	124	45	77	14	△	△
SDL05A-12.2-060-D14	12.2	60	124	45	77	14	△	△
SDL05A-12.3-060-D14	12.3	60	124	45	77	14	△	△
SDL05A-12.4-060-D14	12.4	60	124	45	77	14	△	△
SDL05A-12.5-060-D14	12.5	60	124	45	77	14	△	△
SDL05A-12.6-060-D14	12.6	60	124	45	77	14	△	△
SDL05A-12.7-060-D14	12.7	60	124	45	77	14	△	△
SDL05A-12.8-060-D14	12.8	60	124	45	77	14	△	△
SDL05A-12.9-060-D14	12.9	60	124	45	77	14	△	△
SDL05A-13.0-060-D14	13.0	60	124	45	77	14	△	△
SDL05A-13.1-060-D14	13.1	60	124	45	77	14	△	△
SDL05A-13.2-060-D14	13.2	60	124	45	77	14	△	△
SDL05A-13.3-060-D14	13.3	60	124	45	77	14	△	△
SDL05A-13.4-060-D14	13.4	60	124	45	77	14	△	△

直槽钻



内冷

*钻头角 130°

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*公差: IT8-9

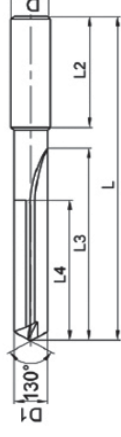


型号	尺寸 mm						推荐材料	
	d1 m7	L3	L1	L4	L2	d2	-K	-N
SDL05A-13.5-060-D14	13.5	60	124	45	77	14	△	△
SDL05A-13.6-060-D14	13.6	60	124	45	77	14	△	△
SDL05A-13.7-060-D14	13.7	60	124	45	77	14	△	△
SDL05A-13.8-060-D14	13.8	60	124	45	77	14	△	△
SDL05A-13.9-060-D14	13.9	60	124	45	77	14	△	△
SDL05A-14.0-060-D14	14.0	60	124	45	77	14	△	△
SDL05A-14.1-063-D16	14.1	63	133	48	83	16	△	△
SDL05A-14.2-063-D16	14.2	63	133	48	83	16	△	△
SDL05A-14.5-063-D16	14.5	63	133	48	83	16	△	△
SDL05A-14.7-063-D16	14.7	63	133	48	83	16	△	△
SDL05A-14.8-063-D16	14.8	63	133	48	83	16	△	△
SDL05A-14.9-063-D16	14.9	63	133	48	83	16	△	△
SDL05A-15.0-063-D16	15.0	63	133	48	83	16	△	△
SDL05A-15.1-063-D16	15.1	63	133	48	83	16	△	△
SDL05A-15.2-063-D16	15.2	63	133	48	83	16	△	△
SDL05A-15.3-063-D16	15.3	63	133	48	83	16	△	△
SDL05A-15.5-063-D16	15.5	63	133	48	83	16	△	△
SDL05A-15.7-063-D16	15.7	63	133	48	83	16	△	△
SDL05A-15.8-063-D16	15.8	63	133	48	83	16	△	△
SDL05A-15.9-063-D16	15.9	63	133	48	83	16	△	△
SDL05A-16.0-063-D16	16.0	63	133	48	83	16	△	△
SDL05A-16.1-071-D18	16.1	71	143	48	93	18	△	△
SDL05A-16.2-071-D18	16.2	71	143	48	93	18	△	△
SDL05A-16.3-071-D18	16.3	71	143	48	93	18	△	△
SDL05A-16.4-071-D18	16.4	71	143	48	93	18	△	△
SDL05A-16.5-071-D18	16.5	71	143	48	93	18	△	△
SDL05A-16.6-071-D18	16.6	71	143	48	93	18	△	△
SDL05A-16.7-071-D18	16.7	71	143	48	93	18	△	△
SDL05A-16.8-071-D18	16.8	71	143	48	93	18	△	△
SDL05A-16.9-071-D18	16.9	71	143	48	93	18	△	△
SDL05A-17.0-071-D18	17.0	71	143	48	93	18	△	△
SDL05A-17.1-071-D18	17.1	71	143	48	93	18	△	△
SDL05A-17.2-071-D18	17.2	71	143	48	93	18	△	△
SDL05A-17.3-071-D18	17.3	71	143	48	93	18	△	△
SDL05A-17.4-071-D18	17.4	71	143	48	93	18	△	△

*更多尺寸与规格, 请联系销售人员咨询
*订货举例: SD L05A-20.0-077-D20
*最小订购数量为1支

整体硬质合金钻头-5xD公制内冷

直槽钻



金田*

*钻头尖角 130°

出
世
*

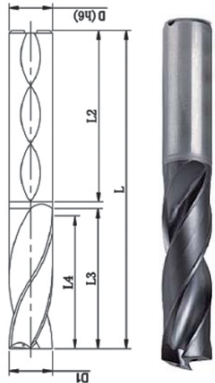
*公差: IT8-9

[illegible]

*更多尺寸与规格, 请联系销售人员咨询
*订货举例: SD L05A-20.0-077-D20
*最小订购数量为1支

整体硬质合金钻头-3xD公制内冷

平底钻



使用特点

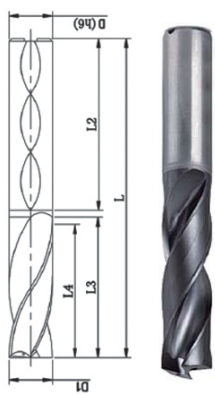
用于：灰铸铁，球墨铸铁，不锈钢，结构钢，合金钢等常见材料的加工，定心能力强，稳定的尺寸精度和良好的表面质量，适用于加工系统刚性优异的场合，高速大进给。

- *内冷
- *钻尖角180°
- *镀层
- *孔公差：IT8-9

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDI03FA-3.0-014-D04	3.0	14	62	36	20	4	△	△	△	△
SDI03FA-3.1-014-D04	3.1	14	62	36	20	4	△	△	△	△
SDI03FA-3.2-014-D04	3.2	14	62	36	20	4	△	△	△	△
SDI03FA-3.3-014-D04	3.3	14	62	36	20	4	△	△	△	△
SDI03FA-3.4-014-D04	3.4	14	62	36	20	4	△	△	△	△
SDI03FA-3.5-014-D04	3.5	14	62	36	20	4	△	△	△	△
SDI03FA-3.6-014-D04	3.6	14	62	36	20	4	△	△	△	△
SDI03FA-3.7-014-D04	3.7	14	62	36	20	4	△	△	△	△
SDI03FA-3.8-017-D04	3.8	17	66	36	24	4	△	△	△	△
SDI03FA-3.9-017-D04	3.9	17	66	36	24	4	△	△	△	△
SDI03FA-4.0-017-D04	4.0	17	66	36	24	4	△	△	△	△
SDI03FA-4.1-017-D06	4.1	17	66	36	24	6	△	△	△	△
SDI03FA-4.2-017-D06	4.2	17	66	36	24	6	△	△	△	△
SDI03FA-4.3-017-D06	4.3	17	66	36	24	6	△	△	△	△
SDI03FA-4.4-017-D06	4.4	17	66	36	24	6	△	△	△	△
SDI03FA-4.5-017-D06	4.5	17	66	36	24	6	△	△	△	△
SDI03FA-4.6-017-D06	4.6	17	66	36	24	6	△	△	△	△
SDI03FA-4.7-017-D06	4.7	17	66	36	24	6	△	△	△	△
SDI03FA-4.8-020-D06	4.8	20	66	36	28	6	△	△	△	△
SDI03FA-4.9-020-D06	4.9	20	66	36	28	6	△	△	△	△
SDI03FA-5.0-020-D06	5.0	20	66	36	28	6	△	△	△	△
SDI03FA-5.1-020-D06	5.1	20	66	36	28	6	△	△	△	△
SDI03FA-5.2-020-D06	5.2	20	66	36	28	6	△	△	△	△
SDI03FA-5.3-020-D06	5.3	20	66	36	28	6	△	△	△	△
SDI03FA-5.4-020-D06	5.4	20	66	36	28	6	△	△	△	△
SDI03FA-5.5-020-D06	5.5	20	66	36	28	6	△	△	△	△
SDI03FA-5.6-020-D06	5.6	20	66	36	28	6	△	△	△	△
SDI03FA-5.7-020-D06	5.7	20	66	36	28	6	△	△	△	△
SDI03FA-5.8-020-D06	5.8	20	66	36	28	6	△	△	△	△
SDI03FA-5.9-020-D06	5.9	20	66	36	28	6	△	△	△	△
SDI03FA-6.0-020-D06	6.0	20	66	36	28	6	△	△	△	△
SDI03FA-6.1-024-D08	6.1	24	79	36	34	8	△	△	△	△
SDI03FA-6.2-024-D08	6.2	24	79	36	34	8	△	△	△	△
SDI03FA-6.3-024-D08	6.3	24	79	36	34	8	△	△	△	△
SDI03FA-6.4-024-D08	6.4	24	79	36	34	8	△	△	△	△

整体硬质合金钻头-3xD公制内冷

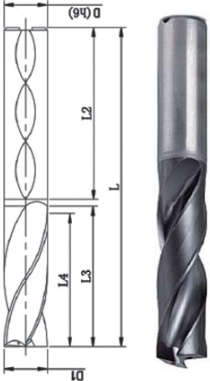
平底钻



- *内冷
- *钻尖角180°
- *镀层
- *孔公差：IT8-9

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	-P	-M	-K	-N
SDI03FA-6.5-024-D08	6.5	24	79	36	34	8	△	△	△	△
SDI03FA-6.6-024-D08	6.6	24	79	36	34	8	△	△	△	△
SDI03FA-6.7-024-D08	6.7	24	79	36	34	8	△	△	△	△
SDI03FA-6.8-024-D08	6.8	24	79	36	34	8	△	△	△	△
SDI03FA-6.9-024-D08	6.9	24	79	36	34	8	△	△	△	△
SDI03FA-7.0-024-D08	7.0	24	79	36	34	8	△	△	△	△
SDI03FA-7.1-029-D08	7.1	29	79	36	41	8	△	△	△	△
SDI03FA-7.2-029-D08	7.2	29	79	36	41	8	△	△	△	△
SDI03FA-7.3-029-D08	7.3	29	79	36	41	8	△	△	△	△
SDI03FA-7.4-029-D08	7.4	29	79	36	41	8	△	△	△	△
SDI03FA-7.5-029-D08	7.5	29	79	36	41	8	△	△	△	△
SDI03FA-7.6-029-D08	7.6	29	79	36	41	8	△	△	△	△
SDI03FA-7.7-029-D08	7.7	29	79	36	41	8	△	△	△	△
SDI03FA-7.8-029-D08	7.8	29	79	36	41	8	△	△	△	△
SDI03FA-7.9-029-D08	7.9	29	79	36	41	8	△	△	△	△
SDI03FA-8.0-029-D08	8.0	29	79	36	41	8	△	△	△	△
SDI03FA-8.1-035-D10	8.1	35	89	40	47	10	△	△	△	△
SDI03FA-8.2-035-D10	8.2	35	89	40	47	10	△	△	△	△
SDI03FA-8.3-035-D10	8.3	35	89	40	47	10	△	△	△	△
SDI03FA-8.4-035-D10	8.4	35	89	40	47	10	△	△	△	△
SDI03FA-8.5-035-D10	8.5	35	89	40	47	10	△	△	△	△
SDI03FA-8.6-035-D10	8.6	35	89	40	47	10	△	△	△	△
SDI03FA-8.7-035-D10	8.7	35	89	40	47	10	△	△	△	△
SDI03FA-8.8-035-D10	8.8	35	89	40	47	10	△	△	△	△
SDI03FA-8.9-035-D10	8.9	35	89	40	47	10	△	△	△	△
SDI03FA-9.0-035-D10	9.0	35	89	40	47	10	△	△	△	△
SDI03FA-9.1-035-D10	9.1	35	89	40	47	10	△	△	△	△
SDI03FA-9.2-035-D10	9.2	35	89	40	47	10	△	△	△	△
SDI03FA-9.3-035-D10	9.3	35	89	40	47	10	△	△	△	△
SDI03FA-9.4-035-D10	9.4	35	89	40	47	10	△	△	△	△
SDI03FA-9.5-035-D10	9.5	35	89	40	47	10	△	△	△	△
SDI03FA-9.6-035-D10	9.6	35	89	40	47	10	△	△	△	△
SDI03FA-9.7-035-D10	9.7	35	89	40	47	10	△	△	△	△
SDI03FA-9.8-035-D10	9.8	35	89	40	47	10	△	△	△	△
SDI03FA-9.9-035-D10	9.9	35	89	40	47	10	△	△	△	△

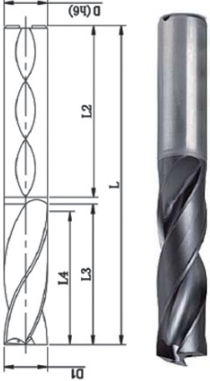
平底钻



*内冷
*钻尖角180°
*镀层
*孔公差：IT8-9

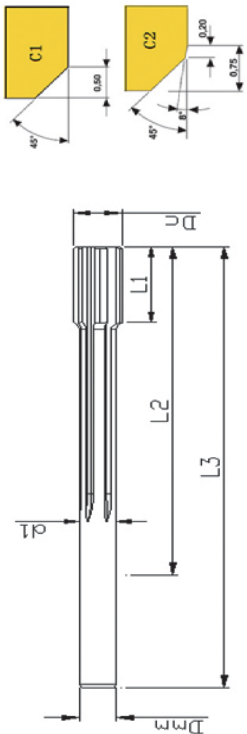
型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDI03FA-10.0-035-D10	10.0	35	89	40	47	10	△	△	△	△
SDI03FA-10.1-040-D12	10.1	40	102	45	55	12	△	△	△	△
SDI03FA-10.2-040-D12	10.2	40	102	45	55	12	△	△	△	△
SDI03FA-10.3-040-D12	10.3	40	102	45	55	12	△	△	△	△
SDI03FA-10.4-040-D12	10.4	40	102	45	55	12	△	△	△	△
SDI03FA-10.5-040-D12	10.5	40	102	45	55	12	△	△	△	△
SDI03FA-10.6-040-D12	10.6	40	102	45	55	12	△	△	△	△
SDI03FA-10.7-040-D12	10.7	40	102	45	55	12	△	△	△	△
SDI03FA-10.8-040-D12	10.8	40	102	45	55	12	△	△	△	△
SDI03FA-10.9-040-D12	10.9	40	102	45	55	12	△	△	△	△
SDI03FA-11.0-040-D12	11.0	40	102	45	55	12	△	△	△	△
SDI03FA-11.1-040-D12	11.1	40	102	45	55	12	△	△	△	△
SDI03FA-11.2-040-D12	11.2	40	102	45	55	12	△	△	△	△
SDI03FA-11.3-040-D12	11.3	40	102	45	55	12	△	△	△	△
SDI03FA-11.4-040-D12	11.4	40	102	45	55	12	△	△	△	△
SDI03FA-11.5-040-D12	11.5	40	102	45	55	12	△	△	△	△
SDI03FA-11.6-040-D12	11.6	40	102	45	55	12	△	△	△	△
SDI03FA-11.7-040-D12	11.7	40	102	45	55	12	△	△	△	△
SDI03FA-11.8-040-D12	11.8	40	102	45	55	12	△	△	△	△
SDI03FA-11.9-040-D12	11.9	40	102	45	55	12	△	△	△	△
SDI03FA-12.0-040-D12	12.0	40	102	45	55	12	△	△	△	△
SDI03FA-12.1-043-D14	12.1	43	107	45	60	14	△	△	△	△
SDI03FA-12.2-043-D14	12.2	43	107	45	60	14	△	△	△	△
SDI03FA-12.3-043-D14	12.3	43	107	45	60	14	△	△	△	△
SDI03FA-12.4-043-D14	12.4	43	107	45	60	14	△	△	△	△
SDI03FA-12.5-043-D14	12.5	43	107	45	60	14	△	△	△	△
SDI03FA-12.6-043-D14	12.6	43	107	45	60	14	△	△	△	△
SDI03FA-12.7-043-D14	12.7	43	107	45	60	14	△	△	△	△
SDI03FA-12.8-043-D14	12.8	43	107	45	60	14	△	△	△	△
SDI03FA-12.9-043-D14	12.9	43	107	45	60	14	△	△	△	△
SDI03FA-13.0-043-D14	13.0	43	107	45	60	14	△	△	△	△
SDI03FA-13.1-043-D14	13.1	43	107	45	60	14	△	△	△	△
SDI03FA-13.2-043-D14	13.2	43	107	45	60	14	△	△	△	△
SDI03FA-13.3-043-D14	13.3	43	107	45	60	14	△	△	△	△
SDI03FA-13.4-043-D14	13.4	43	107	45	60	14	△	△	△	△

平底钻



*内冷
*钻尖角180°
*镀层
*孔公差：IT8-9

型号	尺寸 mm						推荐材料			
	d1 m7	L3	L1	L4	L2	d2	P	-M	-K	-N
SDI03FA-13.5-043-D14	13.5	43	107	45	60	14	△	△	△	△
SDI03FA-13.6-043-D14	13.6	43	107	45	60	14	△	△	△	△
SDI03FA-13.7-043-D14	13.7	43	107	45	60	14	△	△	△	△
SDI03FA-13.8-043-D14	13.8	43	107	45	60	14	△	△	△	△
SDI03FA-13.9-043-D14	13.9	43	107	45	60	14	△	△	△	△
SDI03FA-14.0-043-D14	14.0	43	107	45	60	14	△	△	△	△
SDI03FA-14.1-050-D16	14.1	50	115	48	65	16	△	△	△	△
SDI03FA-14.2-050-D16	14.2	50	115	48	65	16	△	△	△	△
SDI03FA-14.5-050-D16	14.5	50	115	48	65	16	△	△	△	△
SDI03FA-14.7-050-D16	14.7	50	115	48	65	16	△	△	△	△
SDI03FA-14.8-050-D16	14.8	50	115	48	65	16	△	△	△	△
SDI03FA-14.9-050-D16	14.9	50	115	48	65	16	△	△	△	△
SDI03FA-15.0-050-D16	15.0	50	115	48	65	16	△	△	△	△
SDI03FA-15.1-050-D16	15.1	50	115	48	65	16	△	△	△	△
SDI03FA-15.2-050-D16	15.2	50	115	48	65	16	△	△	△	△
SDI03FA-15.3-050-D16	15.3	50	115	48	65	16	△	△	△	△
SDI03FA-15.5-050-D16	15.5	50	115	48	65	16	△	△	△	△
SDI03FA-15.7-050-D16	15.7	50	115	48	65	16	△	△	△	△
SDI03FA-15.8-050-D16	15.8	50	115	48	65	16	△	△	△	△
SDI03FA-15.9-050-D16	15.9	50	115	48	65	16	△	△	△	△
SDI03FA-16.0-050-D16	16.0	50	115	48	65	16	△	△	△	△
SDI03FA-16.1-060-D18	16.1	60	123	48	73	18	△	△	△	△
SDI03FA-16.2-060-D18	16.2	60	123	48	73	18	△	△	△	△
SDI03FA-16.5-060-D18	16.5	60	123	48	73	18	△	△	△	△
SDI03FA-16.8-060-D18	16.8	60	123	48	73	18	△	△	△	△
SDI03FA-16.9-060-D18	16.9	60	123	48	73	18	△	△	△	△
SDI03FA-17.0-060-D18	17.0	60	123	48	73	18	△	△	△	△
SDI03FA-17.1-060-D18	17.1	60	123	48	73	18	△	△	△	△
SDI03FA-17.2-060-D18	17.2	60	123	48	73	18	△	△	△	△
SDI03FA-17.5-060-D18	17.5	60	123	48	73	18	△	△	△	△
SDI03FA-17.8-060-D18	17.8	60	123	48	73	18	△	△	△	△
SDI03FA-17.9-060-D18	17.9	60	123	48	73	18	△	△	△	△
SDI03FA-18.0-060-D18	18.0	60	123	48	73	18	△	△	△	△
SDI03FA-18.1-065-D20	18.1	65	131	50	79	20	△	△	△	△



型号	尺寸 mm						齿数		导向槽型
	DC	L1	L2	L3	d1	Dmm	C1	C2	
SRB3.0H7-40-D04	3.0H7	16	40	70	2.7	4	4	△	△
SRB3.5H7-40-D04	3.5H7	16	40	70	3.0	4	4	△	△
SRB4.0H7-40-D04	4.0H7	16	40	70	3.6	4	4	△	△
SRB4.5H7-40-D04	4.5H7	16	40	70	4.0	4	4	△	△
SRB5.0H7-40-D04	5.0H7	16	40	70	4.0	4	4	△	△
SRB5.5H7-40-D05	5.5H7	16	40	70	5.0	5	4	△	△
SRB6.0H7-40-D05	6.0H7	16	40	70	5.0	5	4	△	△
SRB6.5H7-50-D06	6.5H7	22	50	80	6.0	6	6	△	△
SRB7.0H7-50-D06	7.0H7	22	50	80	6.0	6	6	△	△
SRB7.5H7-50-D06	7.5H7	22	50	80	6.0	6	6	△	△
SRB8.0H7-50-D06	8.0H7	22	50	80	6.0	6	6	△	△
SRB8.5H7-60-D08	8.5H7	22	60	90	7.7	8	6	△	△
SRB9.0H7-60-D08	9.0H7	22	60	90	8.0	8	6	△	△
SRB9.5H7-60-D08	9.5H7	22	60	90	8.0	8	6	△	△
SRU10.0H7-60-D08	10.0H7	22	60	90	8.0	8	6	△	△
SRU10.5H7-65-D10	10.5H7	22	65	100	9.5	10	6	△	△
SRU11.0H7-65-D10	11.0H7	22	65	100	10.0	10	6	△	△
SRU11.5H7-65-D10	11.5H7	22	65	100	10.0	10	6	△	△
SRU12.0H7-65-D10	12.0H7	22	65	100	10.0	10	6	△	△
SRU12.5H7-65-D12	12.5H7	22	65	100	11.0	12	6	△	△
SRU13.0H7-65-D12	13.0H7	22	65	100	12.0	12	6	△	△
SRU13.5H7-65-D12	13.5H7	22	65	100	12.0	12	6	△	△
SRU14.0H7-65-D12	14.0H7	22	65	100	12.0	12	6	△	△
SRU14.5H7-70-D14	14.5H7	22	70	110	13.0	14	6	△	△
SRU15.0H7-70-D14	15.0H7	22	70	110	14.0	14	6	△	△
SRU15.5H7-70-D14	15.5H7	22	70	110	14.0	14	6	△	△
SRU16.0H7-70-D14	16.0H7	22	70	110	14.0	14	6	△	△
SRU16.5H7-70-D16	16.5H7	22	70	110	15.0	16	6	△	△
SRU17.0H7-70-D16	17.0H7	22	70	110	16.0	16	6	△	△
SRU17.5H7-70-D16	17.5H7	22	70	110	16.0	16	6	△	△
SRU18.0H7-70-D16	18.0H7	22	70	110	16.0	16	6	△	△
SRU18.5H7-70-D16	18.5H7	22	70	110	16.0	16	6	△	△
SRU19.0H7-70-D18	19.0H7	22	70	110	18.0	18	6	△	△
SRU19.5H7-70-D18	19.5H7	22	70	110	18.0	18	6	△	△
SRU20.0H7-70-D18	20.0H7	22	70	110	18.0	18	6	△	△

*更多尺寸与规格，请联系销售人员咨询

*订货举例：SD03FA-3.0-014-D04-P

*最小订购数量为1支

整体硬质合金钻头切削参数

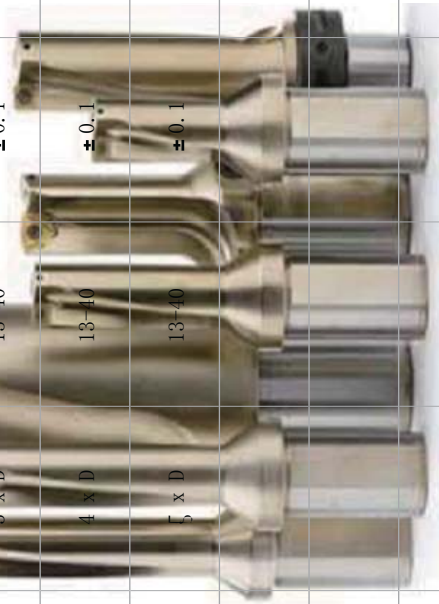
SMG	f (mm/rev)										Vc (m/min)
	Ø3.00	Ø4.00	Ø6.00	Ø8.00	Ø10.00	Ø12.00	Ø14.00	Ø16.00	Ø18.00	Ø20.00	
P	0.07~0.12	0.08~0.14	0.11~0.18	0.14~0.22	0.16~0.26	0.18~0.28	0.19~0.30	0.2~0.32	0.22~0.34	0.22~0.36	60~140
M	0.05~0.08	0.06~0.10	0.08~0.13	0.11~0.17	0.12~0.2	0.14~0.22	0.15~0.19	0.17~0.26	0.18~0.28	0.19~0.30	29~75
K	0.1~0.12	0.11~0.14	0.15~0.18	0.18~0.22	0.2~0.26	0.24~0.28	0.26~0.3	0.28~0.34	0.28~0.36	0.30~0.36	37~90
N	0.15	0.17	0.22	0.26	0.28	0.32	0.34	0.36	0.38	0.4	100~250
H	0.04~0.07	0.05~0.08	0.07~0.11	0.09~0.14	0.10~0.16	0.12~0.18	0.13~0.19	0.14~0.20	0.14~0.22	0.15~0.22	33~75

整体硬质合金铰刀切削参数

SMG	ap (Ømm)			f (mm/rev)			Vc (m/min)		
	Z=4	Z=6	Z=8	Z=4	Z=6	Z=8	无涂层	涂层	涂层
P	0.1~0.15	0.1~0.2	0.1~0.3	0.1~0.3	0.2~0.6	0.2~0.6	12~30(20)	15~80(40)	
M	0.08~0.15	0.1~0.15	0.1~0.2	0.1~0.2	0.2~0.5	0.2~0.5	9~15(10)	15~60(25)	
K	0.1~0.2	0.1~0.25	0.1~0.3	0.1~0.3	0.2~0.6	0.2~0.6	15~30(20)	30~100(60)	
S	0.08~0.15	0.1~0.15	0.1~0.2	0.1~0.2	0.2~0.3	0.2~0.3	9~20(12)	20~50(20)	
N	0.1~0.2	0.1~0.3	0.1~0.3	0.1~0.3	0.2~0.6	0.2~0.6	20~80(50)	—	
H	0.08~0.15	0.1~0.15	0.1~0.2	0.1~0.2	0.2~0.5	0.2~0.5	—	8~15(10)	

A	U	3	-20	-C25	05
ALIESA	U 钻	3 倍径	直径20mm	有效深度 φ 25 侧固柄	刀片规格05

	钻头深度	直径范围	钻头精度	孔的精度
AU2	2 x D	13-40	± 0.1	0/+0.2
AU3	3 x D	13-40	± 0.1	0/+0.3
AU4	4 x D	13-40	± 0.1	0/+0.4
AU5	5 x D	13-40	± 0.1	0/+0.5



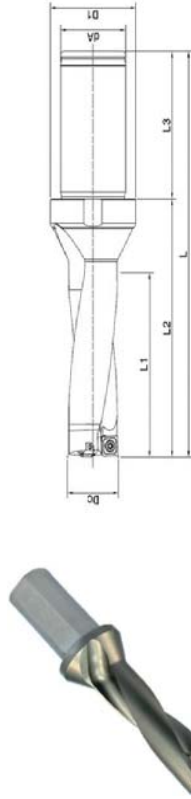
特点:

- 高切削速度和进给量
- 较高的加工效率
- 每个刀片有4个有效刃口
- 加工安全
- 适用于各种工况
- 优化的排屑槽设计，排屑顺畅
- 表面质量好和较好的孔精度
- 刀杆表面镀镍延长刀具寿命
- 提供20、30、40、50长度钻杆
- 不同的刀片材质适合加工各种不同硬度的材料

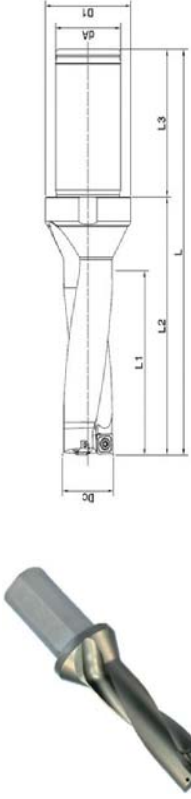
Technical Advantages:

- High cutting speed and feed rate
- High chip volume and productivity
- Economic indexable inserts with 4 cutting edges
- Maximum safety
- Availability for wide range of material
- Optimum chip removal channel for easy chip transport
- Surface quality and bore precision
- Long tool life with Ni coating
- 20-30-40-50 depth of drill
- Different grades for soft and hard material

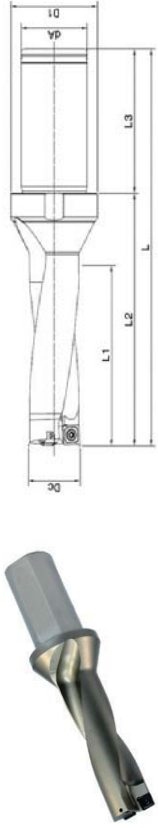
订货型号	尺寸 mm					螺旋底孔	适用刀片型号
	Dc	dA	D1	L1	L2	L3	L
AU2-13-26-C2505	13.0	25	24	26	44	50	94
AU2-13-5-27-C2505	13.5	25	24	27	45	50	95
AU2-14-28-C2505	14.0	25	24	28	46	50	96
AU2-14-5-29-C2505	14.5	25	24	29	47	50	97
AU2-15-30-C2505	15.0	25	24	30	48	50	98
AU2-15-5-31-C2506	15.5	25	24	31	49	50	99
AU2-16-32-C2506	16.0	25	31	32	53	56	109
AU2-16-5-33-C2506	16.5	25	31	33	54	56	110
AU2-17-34-C2506	17.0	25	31	34	55	56	111
AU2-17-5-35-C2506	17.5	25	31	35	56	56	112
AU2-18-36-C2506	18.0	25	31	36	57	56	113
AU2-18-5-37-C2506	18.5	25	31	37	58	56	114
AU2-19-38-C2506	19.0	25	31	38	59	56	115
AU2-19-5-39-C2506	19.5	25	31	39	60	56	116
AU2-20-40-C2506	20.0	25	31	40	62	56	118
AU2-20-5-41-C2506	20.5	25	31	41	63	56	119
AU2-21-42-C2506	21.0	25	31	42	64	56	120
AU2-22-44-C2507	22.0	25	44	44	74	60	134
AU2-23-46-C2507	23.0	25	44	46	76	60	136
AU2-23-5-47-C2507	23.5	25	44	47	77	60	137
AU2-24-48-C2507	24.0	25	44	48	78	60	138
AU2-24-5-49-C2507	24.5	25	44	49	79	60	139
AU2-25-50-C3207	25.0	32	44	50	80	60	140
AU2-26-52-C3207	26.0	32	44	52	82	60	142
AU2-26-5-53-C3207	26.5	32	44	53	83	60	143
AU2-27-54-C3207	27.0	32	44	54	84	60	144
AU2-28-56-C3209	28.0	32	44	56	86	60	146
AU2-29-58-C3209	29.0	32	44	58	88	60	148
AU2-30-60-C3209	30.0	32	50	60	91	60	151
AU2-31-62-C3209	31.0	32	50	62	93	60	153
AU2-32-64-C3209	32.0	32	50	64	95	60	155
AU2-33-66-C3209	33.0	32	50	66	97	60	157
AU2-34-68-C3211	34.0	32	50	68	99	60	159
AU2-35-70-C3211	35.0	32	50	70	101	60	161
AU2-36-72-C3211	36.0	32	50	72	103	60	163
AU2-37-74-C3211	37.0	32	50	74	105	60	165
AU2-38-76-C3211	38.0	32	50	76	107	60	167
AU2-39-78-C3211	39.0	32	50	78	109	60	169
AU2-39-5-79-C3211	39.5	32	50	79	110	60	170
AU2-40-80-C3211	40.0	32	50	80	111	60	171



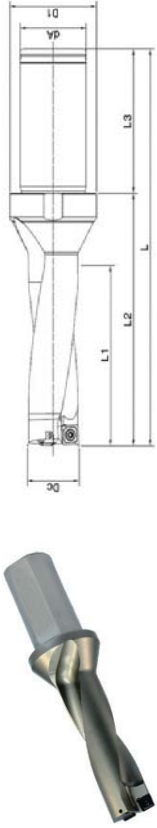
订货型号	尺寸 mm					螺旋底孔	适用刀片型号
	Dc	dA	D1	L1	L2	L3	L
AU2-41-82-C3214	41.0	32	50	82	113	60	173
AU2-42-84-C3214	42.0	32	50	84	115	60	175
AU2-43-86-C4014	43.0	40	50	86	121	65	186
AU2-44-88-C4014	44.0	40	50	88	123	65	188
AU2-45-90-C4014	45.0	40	50	90	125	65	190
AU2-46-92-C4014	46.0	40	50	92	127	65	192
AU2-47-94-C4014	47.0	40	50	94	129	65	194
AU2-48-96-C4014	48.0	40	50	96	131	65	196
AU2-49-98-C4014	49.0	40	50	98	133	65	198
AU2-50-100-C4014	50.0	40	50	100	135	65	200
AU2-51-102-C4014	51.0	40	50	102	137	65	202
AU2-52-104-C4009	52.0	40	50	104	139	65	204
AU2-53-106-C4009	53.0	40	50	106	141	65	206
AU2-54-108-C4009	54.0	40	50	108	143	65	208
AU2-55-110-C4009	55.0	40	50	110	145	65	210
AU2-56-112-C4009	56.0	40	50	112	147	65	212
AU2-57-114-C4009	57.0	40	50	114	149	65	214
AU2-58-116-C4009	58.0	40	50	116	151	65	216
AU2-59-118-C4009	59.0	40	50	118	153	65	218
AU2-60-120-C4009	60.0	40	50	120	155	65	220



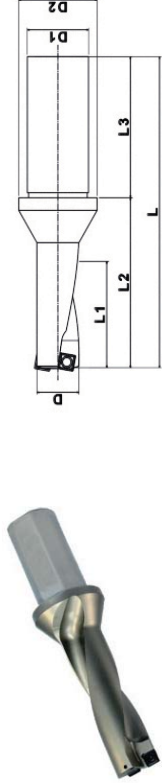
订货型号	尺寸 mm							螺纹底孔	适用刀片型号
	Dc	dA	D1	L1	L2	L3	L		
AU3-13-39-C2505	13.0	20	25	39	57	50	107		
AU3-13.5-41-C2505	13.5	20	25	41	58.5	50	109		
AU3-14-42-C2505	14.0	20	25	42	60	50	110	M16	SPGX050204
AU3-14.5-44-C2505	14.5	20	25	44	61.5	50	111.5		
AU3-15-45-C2505	15.0	20	25	45	63	50	113		
AU3-15.5-47-C2506	15.5	20	25	47	64.5	50	114.5	M18	
AU3-16-48-C2506	16.0	25	32	48	69	56	125		
AU3-16.5-50-C2506	16.5	25	32	50	70.5	56	126.5		
AU3-17-51-C2506	17.0	25	32	51	72	56	128		
AU3-17.5-53-C2506	17.5	25	32	53	73.5	56	129.5	M20	
AU3-18-54-C2506	18.0	25	32	54	75	56	131		
AU3-18.5-56-C2506	18.5	25	32	56	76.5	56	132.5		SPGX060204
AU3-19-57-C2506	19.0	25	32	57	78	56	134		
AU3-19.5-59-C2506	19.5	25	32	59	79.8	56	135.5	M22	
AU3-20-60-C2506	20.0	25	32	60	82	56	138		
AU3-20.5-62-C2506	20.5	25	32	62	83.5	56	139.5	M24	
AU3-21-63-C2506	21.0	25	32	63	85	56	141		
AU3-22-66-C2507	22.0	25	44	66	96	60	156		
AU3-22.5-68-C2507	22.5	25	44	68	97.5	60	157.5	M27	
AU3-23-69-C2507	23.0	25	44	69	99	60	159		
AU3-23.5-71-C2507	23.5	25	44	71	101	60	160		
AU3-24-72-C2507	24.0	25	44	72	102	60	162		SPGX07T308
AU3-24.5-74-C2507	24.5	25	44	74	103.5	60	163.5		
AU3-25-75-C3207	25.0	32	44	75	105	60	165		
AU3-26-78-C3207	26.0	32	44	78	108	60	168	M30	
AU3-26.5-80-C3207	26.5	32	44	80	109.5	60	169.5		
AU3-27-81-C3207	27.0	32	44	81	111	60	171		
AU3-28-84-C3209	28.0	32	44	84	114	60	174		
AU3-29-87-C3209	29.0	32	44	87	117	60	177		SPGX090408
AU3-29.5-89-C3209	29.5	32	50	89	118.5	60	178.5		
AU3-30-90-C3209	30.0	32	50	90	121	60	181	M36	
AU3-31-93-C3209	31.0	32	50	93	124	60	184		
AU3-32-96-C3209	32.0	32	50	96	127	60	187		
AU3-33-99-C3209	33.0	32	50	99	130	60	190	M39	
AU3-34-102-C3211	34.0	32	50	102	136	60	196		
AU3-35-105-C3211	35.0	32	50	105	140	60	200		
AU3-36-108-C3211	36.0	32	50	108	144	60	204		SPGX110408
AU3-37-111-C40	37.0	40	50	111	148	60	218		
AU3-38-114-C40	38.0	40	50	114	152	60	222		
AU3-39-117-C40	39.0	40	50	117	156	60	226		
AU3-39.5-119-C40	39.5	40	50	119	158	60	228		
AU3-40-120-C40	40.0	40	50	120	160	60	230		



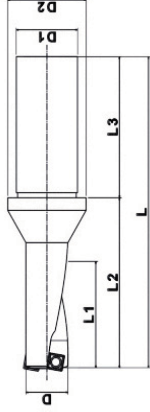
订货型号	尺寸 mm							螺纹底孔	适用刀片型号
	Dc	dA	D1	L1	L2	L3	L		
AU3-41-123-C3214	41.0	32	50	123	154	60	214		
AU3-42-126-C3214	42.0	32	50	126	157	60	217		
AU3-43-129-C4014	43.0	40	50	129	164	65	229	M48	
AU3-44-132-C4014	44.0	40	50	132	167	65	232		
AU3-45-135-C4014	45.0	40	50	135	170	65	235		
AU3-46-138-C4014	46.0	40	50	138	173	65	238		SPGX140512
AU3-47-141-C4014	47.0	40	50	141	176	65	241	M52	
AU3-48-144-C4014	48.0	40	50	144	179	65	244		
AU3-49-147-C4014	49.0	40	50	147	182	65	247		
AU3-50-150-C4014	50.0	40	50	150	185	65	250		
AU3-51-153-C4014	51.0	40	50	153	188	65	253		
AU3-52-156-C4009	52.0	40	50	156	191	65	256		
AU3-53-159-C4009	53.0	40	50	159	194	65	259		
AU3-54-162-C4009	54.0	40	50	162	197	65	262		
AU3-55-165-C4009	55.0	40	50	165	200	65	265		
AU3-56-168-C4009	56.0	40	50	168	203	65	268		SPGX090408
AU3-57-171-C4009	57.0	40	50	171	206	65	271		
AU3-58-174-C4009	58.0	40	50	174	209	65	274		
AU3-59-177-C4009	59.0	40	50	177	212	65	277		
AU3-60-180-C4009	60.0	40	50	180	215	65	280		

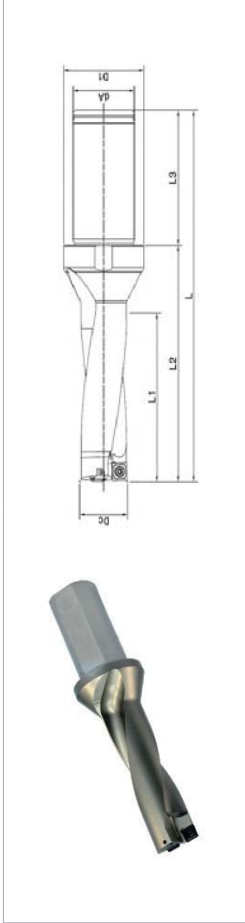


订货型号	尺寸 mm							螺纹底孔	适用刀片型号
	Dc	dA	D1	L1	L2	L3	L		
AU4-13-52-C2505	13.0	20	24	52	70	50	120		
AU4-13.5-54-C2505	13.5	20	24	54	72	50	122		
AU4-14-56-C2505	14.0	20	24	56	74	50	124	M16	SPGX050204
AU4-14.5-58-C2505	14.5	20	24	58	76	50	126		
AU4-15-60-C2505	15.0	20	24	60	78	50	128		
AU4-15.5-62-C2506	15.5	20	24	62	80	50	130	M18	
AU4-16-64-C2506	16.0	25	31	64	85	56	141		
AU4-16.5-66-C2506	16.5	25	31	66	87	56	143		
AU4-17-68-C2506	17.0	25	31	68	89	56	145		
AU4-17.5-70-C2506	17.5	25	31	70	91	56	147	M20	
AU4-18-72-C2506	18.0	25	31	72	93	56	149		
AU4-18.5-74-C2506	18.5	25	31	74	95	56	151		SPGX060204
AU4-19-76-C2506	19.0	25	31	76	97	56	153		
AU4-19.5-78-C2506	19.5	25	31	78	99	56	155	M22	
AU4-20-80-C2506	20.0	25	31	80	102	56	158		
AU4-20.5-82-C2506	20.5	25	31	82	104	56	160		
AU4-21-84-C2506	21.0	25	31	84	106	56	162	M24	
AU4-22-88-C2507	22.0	25	45	88	118	60	178		
AU4-22.5-90-C2507	22.5	25	45	90	120	60	180	M27	
AU4-23-92-C2507	23.0	25	45	92	122	60	182		
AU4-23.5-94-C2507	23.5	25	45	94	124	60	184		
AU4-24-96-C2507	24.0	25	45	96	124	60	184		SPGX07T308
AU4-24.5-98-C2507	24.5	25	45	98	126	60	186		
AU4-25-100-C3207	25.0	32	45	100	130	60	190		
AU4-26-104-C3207	26.0	32	45	104	134	60	194	M30	
AU4-26.5-106-C3207	26.5	32	45	106	136	60	196		
AU4-27-108-C3207	27.0	32	45	108	138	60	198		
AU4-28-112-C3209	28.0	32	45	112	142	60	202		
AU4-29-116-C3209	29.0	32	45	116	146	60	206		
AU4-29.5-118-C3209	29.5	32	45	118	149	60	209	M36	SPGX090408
AU4-30-120-C3209	30.0	32	45	120	151	60	211		
AU4-31-124-C3209	31.0	32	45	124	155	60	215		
AU4-32-128-C3209	32.0	32	45	128	159	60	219		
AU4-33-132-C3209	33.0	32	45	132	163	60	223	M39	
AU4-34-136-C3211	34.0	32	50	136	170	60	230		
AU4-35-140-C3211	35.0	32	50	140	175	60	235		
AU4-36-144-C3211	36.0	32	50	144	180	60	240		
AU4-37-148-C3211	37.0	32	50	148	185	60	245		SPGX110408
AU4-38-152-C3211	38.0	32	50	152	190	60	250		
AU4-39-156-C3211	39.0	32	50	156	195	60	255		
AU4-39.5-158-C3211	39.5	32	50	158	197	60	257		
AU4-40-160-C3211	40.0	32	50	160	200	60	260		

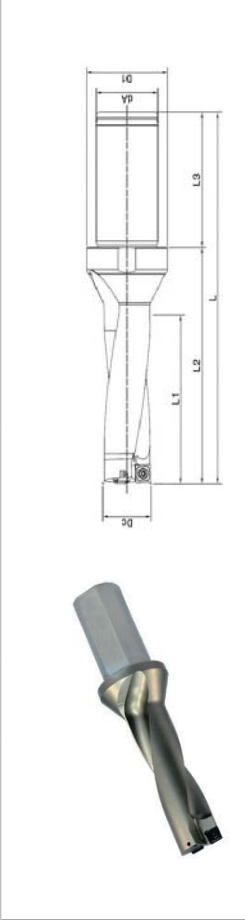


订货型号	尺寸 mm							螺纹底孔	适用刀片型号
	Dc	dA	D1	L1	L2	L3	L		
AU4-41-164-C3214	41.0	32	50	164	195	60	255		
AU4-42-168-C3214	42.0	32	50	168	199	60	259		
AU4-43-172-C4014	43.0	40	50	172	207	65	272	M48	
AU4-44-176-C4014	44.0	40	50	176	211	65	276		
AU4-45-180-C4014	45.0	40	50	180	215	65	280		
AU4-46-184-C4014	46.0	40	50	184	219	65	284	M52	SPGX140C12
AU4-47-188-C4014	47.0	40	50	188	223	65	288		
AU4-48-192-C4014	48.0	40	50	192	227	65	292		
AU4-49-196-C4014	49.0	40	50	196	231	65	296		
AU4-50-200-C4014	50.0	40	50	200	235	65	300		
AU4-51-204-C4014	51.0	40	50	204	239	65	304		
AU4-52-208-C4009	52.0	40	50	208	243	65	308		
AU4-53-212-C4009	53.0	40	50	212	247	65	312		
AU4-54-216-C4009	54.0	40	50	216	251	65	316		
AU4-55-220-C4009	55.0	40	50	220	255	65	320		
AU4-56-224-C4009	56.0	40	50	224	259	65	324		
AU4-57-228-C4009	57.0	40	50	228	263	65	328		SPGX090408
AU4-58-232-C4009	58.0	40	50	232	267	65	332		
AU4-59-236-C4009	59.0	40	50	236	271	65	336		
AU4-60-240-C4009	60.0	40	50	240	275	65	340		



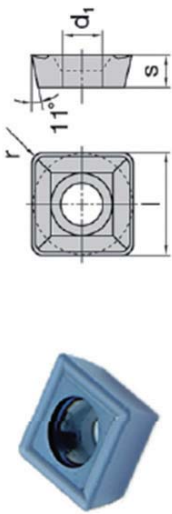


订货型号		尺寸 mm						螺旋底孔	适用刀片型号
Dc	dA	D1	L1	L2	L3	L			
AU5-13-65-C2505	13.0	20	24	65	83	50	133		
AU5-13.5-68-C2505	13.5	20	24	68	85.5	50	135.5		
AU5-14-70-C2505	14.0	20	24	70	88	50	138	M16	SPGX050204
AU5-14.5-73-C2505	14.5	20	24	73	90.5	50	140.5		
AU5-15-75-C2505	15.0	20	24	75	93	50	143		
AU5-15.5-78-C2506	15.5	20	24	78	95.5	50	145.5	M18	
AU5-16-80-C2506	16.0	25	31	80	101	56	157		
AU5-16.5-83-C2506	16.5	25	31	83	103.5	56	159.5		
AU5-17-85-C2506	17.0	25	31	85	106	56	162		
AU5-17.5-88-C2506	17.5	25	31	88	108.5	56	164.5	M20	
AU5-18-90-C2506	18.0	25	31	90	111	56	167		
AU5-18.5-93-C2506	18.5	25	31	93	112.5	56	168.5		SPGX060204
AU5-19-95-C2506	19.0	25	31	95	116	56	172		
AU5-19.5-98-C2506	19.5	25	31	98	118.5	56	174.5	M22	
AU5-20-100-C2506	20.0	25	31	100	122	56	178		
AU5-20.5-103-C2506	20.5	25	31	103	124.5	56	180.5		
AU5-21-105-C2506	21.0	25	31	105	127	56	183	M24	
AU5-22-110-C2507	22.0	25	44	110	140	60	200		
AU5-22.5-113-C2507	22.5	25	44	113	143	60	203	M27	
AU5-23-115-C2507	23.0	25	44	115	145	60	205		
AU5-23.5-118-C2507	23.5	25	44	118	147.5	60	207.5		SPGX07T308
AU5-24-120-C2507	24.0	25	44	120	150	60	210		
AU5-24.5-123-C2507	24.5	25	44	123	153	60	213		
AU5-25-125-C3207	25.0	32	4	125	155	60	215		
AU5-25-125-C3207	25.0	32	4	125	155	60	215		
AU5-26-130-C3207	26.0	32	44	130	160	60	220	M30	
AU5-26.5-133-C3207	26.5	32	44	133	163	60	223		
AU5-27-135-C3207	27.0	32	44	135	165	60	225		
AU5-28-140-C3209	28.0	32	44	140	170	60	230		
AU5-29-145-C3209	29.0	32	44	145	175	60	235		SPGX090408
AU5-30-148-C3209	29.5	32	50	148	178	60	238		
AU5-30-150-C3209	30.0	32	50	150	181	60	241	M36	
AU5-31-155-C3209	31.0	32	50	155	186	60	246		
AU5-32-160-C3209	32.0	32	50	160	191	60	251		
AU5-33-165-C3209	33.0	32	50	165	196	60	256		
AU5-34-170-C3211	34.0	40	50	170	204	70	274	M39	
AU5-35-175-C3211	35.0	40	50	175	210	70	280		
AU5-36-180-C3211	36.0	40	50	180	216	70	286		SPGX110408
AU5-37-185-C3211	37.0	40	50	185	222	70	292		
AU5-38-190-C3211	38.0	40	50	190	228	70	298		
AU5-39-195-C3211	39.0	40	50	195	233	70	303		
AU5-40-198-C3211	39.5	40	50	198	236	70	306		
AU5-40-200-C3211	40.0	40	50	200	239	70	309		



订货型号		尺寸 mm						螺旋底孔	适用刀片型号
Dc	dA	D1	L1	L2	L3	L			
AU5-41-82-C3214	41.0	32	50	205	236	60	296		
AU5-42-84-C3214	42.0	32	50	210	241	60	301		
AU5-43-86-C4014	43.0	40	50	215	250	65	315	M48	
AU5-44-88-C4014	44.0	40	50	220	255	65	320		
AU5-45-90-C4014	45.0	40	50	225	260	65	325		
AU5-46-92-C4014	46.0	40	50	230	265	65	330		
AU5-47-94-C4014	47.0	40	50	235	270	65	335		
AU5-48-96-C4014	48.0	40	50	240	275	65	340	M52	
AU5-49-98-C4014	49.0	40	50	245	280	65	345		
AU5-50-100-C4014	50.0	40	50	250	285	65	350		
AU5-51-102-C4014	51.0	40	50	255	290	65	355		
AU5-52-104-C4009	52.0	40	50	260	295	65	360		
AU5-53-106-C4009	53.0	40	50	265	300	65	365		
AU5-54-108-C4009	54.0	40	50	270	305	65	370		
AU5-55-110-C4009	55.0	40	50	275	310	65	375		
AU5-56-112-C4009	56.0	40	50	280	315	65	380		SPGX090408
AU5-57-114-C4009	57.0	40	50	285	320	65	385		
AU5-58-116-C4009	58.0	40	50	290	325	65	390		
AU5-59-118-C4009	59.0	40	50	295	330	65	395		
AU5-60-120-C4009	60.0	40	50	300	335	65	400		

订货型号	尺寸 mm					K10	K30	适用范围/规格	刀片规格	扭矩
	l	s	d1	r	r					
SPGX050204	5.0	2.38	2.2	0.4	0.4	●	●	●	●	0.9Nm
SPGX060204	6.0	2.38	2.6	0.4	0.4	●	●	●	●	0.9Nm
SPGX071308	7.94	3.97	2.8	0.8	0.8	●	●	●	●	1.2Nm
SPGX090408	9.8	4.3	4.20	0.8	0.8	●	●	●	●	2.0Nm
SPGX110408	11.5	4.8	4.40	0.8	0.8	●	●	●	●	3.0Nm
SPGX140512	14.3	5.2	5.75	1.2	1.2	●	●	●	●	5.0Nm



K10 :

高耐磨涂层材质及高切削刃稳定性，适用于高切削速度下的合金钢和非合金钢、高强度材料、有色金属材料和铸件的精加工。

K10 :

Highly wear-resistant coated grade with high cutting edge stability for fine machining of alloyed and unalloyed tool steels, high-strength materials, non-ferrous metals and cast iron at high cutting speeds.

K30 :

高耐磨材质等级适用于中等切削速度下加工不锈钢、铸钢合金钢、可热处理钢、钛合金和塑料

K30 :

Highly wear-resistant coated grade for machining stainless steel, chrome-nickel-cobalt alloy steel, heat-treatable steel, titanium alloys and plastics at medium cutting speeds.

ISO	材料 (SG) Material	线速度 Vc (m/min)	每转进给 Feed per tooth in mm			
			Φ13.0-Φ15.0	Φ16.0-Φ21.0	Φ22.0-Φ27.0	Φ28.0-Φ33.0
P	低碳钢 Low Carbon Steel	180-250	0.05-0.08	0.06-0.10	0.06-0.12	0.07-0.13
	普通碳钢 Plain Carbon Steel	150-220	0.06-0.12	0.08-0.15	0.10-0.18	0.12-0.22
	低合金钢 Low Alloy Steel	150-220	0.06-0.12	0.08-0.14	0.10-0.18	0.12-0.22
	高合金钢 High Alloy Steel	130-180	0.06-0.10	0.08-0.15	0.10-0.20	0.12-0.23
M	不锈钢 Stainless Steel	170-240	0.05-0.10	0.06-0.12	0.08-0.15	0.09-0.16
K	灰口铸铁 Grey Cast Iron	180-250	0.06-0.12	0.08-0.16	0.12-0.20	0.15-0.25
	球墨铸铁 Nodular Cast Iron	130-200	0.06-0.10	0.08-0.15	0.10-0.18	0.12-0.20
N	铝合金/有色金属 Aluminium	330-380	0.05-0.14	0.08-0.15	0.10-0.20	0.12-0.22



长度:
弯曲量:

钻头应该尽可能选短

影响钻孔的因素：

在不稳定的条件下、钻头越大，孔公差越大。

In order of unstable conditions long type of drill causes big hole tolerances

切屑形成

Chip Formation

下列条件影响切屑形成

Chip Formation by following conditions

切削速度

Cutting speed

进给量

Feed rate

工件材料

Workpiece

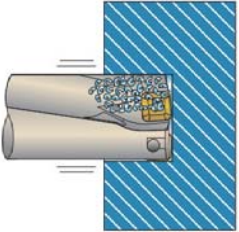
冷却系统/冷却压力 (内冷)

Coolant system

刀片槽型

Insert geometry

振动



- 检查钻头的安装。
- 检查工作件的装夹。
- 提高进给量。如果是非常软的材料，降低进给量并提高切削速度。

扭矩不足

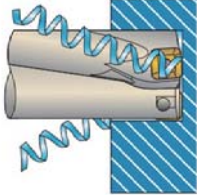
- 检查钻头的安装。
- 检查工作件的装夹。
- 提高进给量。如果是非常软的材料，降低进给量并提高切削速度。

功率不足

- 降低切削速度。
- 降低进给量。

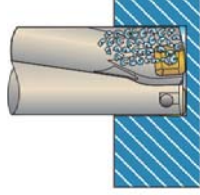
切削堵塞问题

长切屑引起的切削堵塞



- 提高进给量。如果是非常软的材料，降低进给量并提高切削速度。

尽管是短切屑，切屑仍堵塞



- 提高冷却液压力/流量
- 降低切削速度。

刀片微崩



- 降低入口处的进给量
- 选择韧性更好的材质等级
- 降低进给量
- 降低切削速度

刀片后刀面磨损太快



- 降低切削速度
- 提高冷却液压力/流量。
- 选择耐磨性更好的材质等级。

OSI	Deutschland Germany		USA U.S.A.	Frankreich France	Italien Italy	Großbritannien Great Britain	Europa Norm European Standard
	W-Nr.	DIN	AISI/SAE	AFNOR	UNI	BS	EN
P	Baustahl und Vergütungsstahl Construction steel and heat-treated steel						
	1.0572	S152-3	A570Gr50	A50-2	Fe490	Fe490-2FN	-
	1.0501	C35	1035	CC35	C35	060A35	-
	1.0503	C45	1045	CC45	C45	080M46	-
	1.0601	C60	1060	CC55	C60	080A62	43D
	1.0715	9SMn28	1213	S250	CF9SMn28	230M07	-
	1.0718	9SMnPb28	12L13	S250Pb	CF9SMnPb28	-	-
	1.0722	10SPb20	-	10PbF2	CF10SPb20	-	-
	1.1141	Ck15	1015	XC12	C16	080M15	32C
	1.1157	40Mn4	1039	35M5	-	150M36	15
	1.1158	Ck25	1025	-	-	-	-
	1.1167	36Mn5	1335	40M5	-	-	-
	1.1191	Ck45	1045	XC42	C45	080M46	-
	1.1203	Ck55	1055	XC55	C50	070M55	-
	1.1221	Ck60	1060	XC60	C60	080A62	43D
	1.1274	Ck101	1095	-	-	060A96	-
	1.3401	X120Mn12	-	Z120M12	G-X120Mn12	Z120M12	-
	1.3505	100Cr6	52100	100C6	100C6	534A99	31
	1.5026	100Cr6	9255	55S7	55S8	250A63	45
	1.5415	15Mo3	ASTM A204GrA	15D3	16Mo3KW	1501-240	-
	1.5622	14Ni6	ASTM A350LF5	16N6	14Ni6	-	-
	1.5662	X8Ni9	ASTM A353	-	X10Ni9	1501-509.510	-
	1.5680	12Ni19	2515	Z18N5	-	-	-
	1.5710	36NiCr6	3135	35NC6	-	640A35	111A
	1.5752	14NiCr14	3415; 3310	12NC15	-	655M13	36A
	1.6511	36CrNiMo4	9840	40NCD3	38NiCrMo4(KB)	655A12	-
	1.6546	40NiCrMo22	8740	-	40NiCrMo2(KB)	816M40	110
	1.6580	30CrNiMo8	-	30CrNiMo8	30CrNiMo8	311-Type 7	-
	1.6587	17CrNiMo6	-	18NCD6	-	-	-
	1.6657	14NiCrMo134	-	-	15NiCrMo13	820A16	36C
	1.7015	15Cr3	5015	12C3	-	832M13	-
	1.7033	34Cr4	5132	32C4	-	523M15	-
	1.7131	16MnCr5	5115	16MC5	34Cr4(KB)	530A32	18B
	1.7176	55Cr3	5155	55C3	16MnCr5	(527M20)	-
	1.7218	25CrMo4	4130	25CD4	25CrMo4(KU)	527A60	48
	1.7220	34CrMo4	4137; 4135	35CD4	35CrMo4	1717CDS110	-
	1.7225	42CrMo4	4140	42CD4	42CrMo4	708A37	19B
	1.7335	13CrMo4.4	ASTM A182 F11	15CD3.5	14CrMo4.5	708M40	19A
			F12	15CD4.5	14CrMo4.5	1501-620G/27	-
	1.7361	32CrMo12	-	30CD12	32CrMo12	722M24	40B
	1.7380	10CrMo9.10	ASTM A182 F22	12CD9.10	12CrMo9.10	1501-622 Gr.31.45	-
	1.7715	14MoV6.3	-	-	-	1503-660-440	-
	1.8159	50CrV4	6150	50CV4	50CrV4	735A50	47
	1.8504	34CrAl6	-	-	-	-	-
	1.8509	41CrAlMo7	-	40CAD6.12	41CrAlMo7	905M39	41B
	1.8523	39CrMoV13.9	-	-	36CrMoV12	897M39	40C

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	W-Nr.	DIN	ASIS/SAE	AFNOR	UNI	BS	EN	
P	Werkzeugstähle Tool steels							
	1.1545	C105W1	–	Y1105	C98KU	–	–	
				C100KU				
	1.2067	100Cr6	L3	Y100C6	–	BL3	–	
	1.2080	X210Cr12	D3	Z200C12	X210Cr13KU	BD3	–	
				X250Cr12KU				
	1.2343	X38CrMoV5 1	H11	Z38CDV5	X37CrMoV51(KU)	BH11	–	
	1.2344	X40CrMoV5 1	H13	Z40CDV5	X35CrMoV05KU	BH13	–	
				X40CrMoV511KU				
	1.2363	X100CrMoV 5 1	A2	Z100CDV5	X100CrMoV51KU	BA2	–	
	1.2379	X155CrVMo12 1	D2	Z160CDV12	X155CrVMo121KU	BD2	–	
	1.2419	105WCr6	–	105WC13	10WCr6	–	–	
				107WCr6KU				
	1.2436	X210CrW12	–	–	X215CrW12 1KU	–	–	
	1.2542	45WCrV7	S1	–	45WCrV8KU	BS1	–	
	1.2581	X30WCrV9 3	H21	Z30WCv9	X28W09KU	BH21	–	
				X30WCrV9 3KU				
	1.2601	X165CrMoV12	–	–	X165CrMoW12KU	–	–	
	1.2713	55NiCrMoV6	L6	55NCDV7	–	–	–	
	1.2833	100V1	W210	Y1105V	–	BW2	–	
	1.3243	S 6-5-2-5	M41	Z85WdKCV	HS 6-5-2-5	–	–	
M	Nichtrostende und wärmefeste Stähle Stainless and heat resistant steels							
	1.4016	X8Cr17	430	Z8Cr17	X8Cr17	430S15	60	
	1.4027	G-X20Cr14	–	Z20C13M	–	420C29	56B	
	1.4034	X46Cr13	–	Z40CM	X40Cr14	420S45	56D	
				Z38Cr13M				
	1.4057	X22CrNi17	431	Z15CrNi6.02	X16CrNi16	431S29	57	
	1.4104	X12CrMoS17	430F	Z10CrF17	X10CrS17	–	–	
	1.4113	X6CrMo17	434	Z8CrD17.01	X8CrMo17	434S17	–	
	1.4122	X35CrMo17	–	–	–	–	–	
	1.4313	X5CrNi13 4	–	Z4CND13.4M	–	425C11	–	
	1.4718	X45CrS9 3	HW3	Z45CS 9	X45CrS18	401S45	52	
	1.4724	X10CrAl13	405	Z10Cr13	X10CrAl12	403S17	–	
	1.4742	X10CrAl18	430	Z10CrAS18	X8Cr17	430S15	60	
	1.4747	X80CrNiS20	HNv6	Z80CSN20.02	X80CrSiNi20	443S65	59	
	1.4762	X10CrAl24	446	Z10CrAS24	X16CrZ6	–	–	
	1.4871	X53CrMnNiN 219	EV8	Z52CrMnN21.09	X53CrMnNiN21 9	349S54	–	

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	W-Nr.	DIN	ASIS/SAE	AFNOR	UNI	BS	EN	
M	Rost- und säurebeständige Stähle Rust- and acid-proof steels							
	1.4301	X5CrNi18-9	304	Z6CrNi18.09	X5CrNi18 10	304S15	X5CrNi18-9	
		X12CrNiS18 8	303	Z10CrNiF18.09	X10CrNiS 18.09	303S21	58M	
	1.4308	G-X6CrNi18 9	–	Z6CrNi18.10M	–	304C15	–	
	1.4311	X2CrNiN 18 10	304LN	Z2CrNi18.10	–	304S62	–	
	1.4362	X2CrNiN 23 4	S32304	–	–	–	–	
	1.4401	X5CrNiMo 18 10	316	Z6CrNiMo17 12	X5CrNiMo17 12	316S16	–	
	1.4408	G-X6CrNiMo 18 10	–	–	–	316C16	–	
	1.4417	X2CrNiMoS1 19 5	S31500	–	–	–	–	
	1.4429	X2CrNiMoN 18 13	316LN	Z2CrNiMo17 13	–	–	–	
	1.4438	X2CrNiMo18 16	317L	Z2CrNiMo18 16	X2CrNiMo18 16	317S12	–	
	1.4460	X8CrNiMo27 5	S32900	–	–	–	–	
	1.4462	X2CrNiMoN 22 53	S31803	–	–	–	–	
	1.4541	X10CrNiTi 18 9	321	Z6CrNiTi18 10	X6CrNiTi18 11	2337	321S12	
	1.4542	X5CrNiCuNb174	630	–	–	–	–	
	1.4550	X10CrNiNb 18 9	347	Z6CrNiNb18 10	X6CrNiNb18 11	347S17	58F	
	1.4571	X10CrNiNb 18 10	316Ti	Z6CrNiNb17 12	X6CrNiMoTi1712	320S17	58J	
	1.4581	G-X5CrNi	–	Z4CrNiNb	XG8CrNiMo	318C17	–	
		MoNb 18 10	–	18 12M	18 11	–	–	
	1.4583	X10CrNi	318	Z6CrNiNb	X6CrNiMoNb	–	–	
		MoNb 18 12	–	17 13B	17 13	–	–	
	1.4828	X15CrNiS20 12	309	Z15CrNiS20 12	–	309S24	–	
	1.4845	X12CrNi25 21	310S	Z12CrNi25 20	X6CrNi25 20	310S24	–	
	1.4864	X12NiCrSi36 16	330	Z12NiCrSi35.16	–	–	–	
	1.4865	G-X40NiCrSi38 18	–	–	XG50NiCr39 19	330C11	–	
	1.4878	X12CrNiTi18 9	321	Z6CrNiTi18 12B	X8CrNiTi1811	325S12	58B	
K	Gussisen mit Lamellengrafit Grey cast iron (plain carbon)							
	0.6015	GG15	No 25B	Fl 15 D	–	Grade 150	EN GJL-150	
	0.6025	GG25	No 35B	Fl 25 D	–	Grade 260	EN GJL-250	
	0.6035	GG35	No 50B	Fl 35 D	–	Grade 350	EN GJL-350	
	0.6040	GG40	No 55B	Fl 40 D	–	Grade 400	EN GJL-400	
	Austenitisches Gussisen mit Lamellengrafit Grey cast iron (alloy)							
	0.6660	GGJ-NiCr 20 2	A436-72	L-NC 20 2	–	L-NiCr 20 2	EN GJLA-X NiCuCr 15-6-2	
	0.6680	GGJ-NiCr 3055	–	–	–	–	EN GJLA-X NiCuCr 15-6-2	
	Gussisen mit Kugelgrafit Spheroidal graphite cast iron (plain carbon)							
	0.7040	GGG 40	60-40-18	FCS 400-12	–	SNiG 420/12	EN GJS-400-15	
	0.7060	GGG 60	–	FGS 600-3	–	SNiG 600/3	EN GJS-600-3	
	0.7070	GGG 70	100-70-03	FGS 700-2	–	SNiG 700/2	EN GJS-700-2	
	Austenitisches Gussisen mit Kugelgrafit Spheroidal graphite cast iron (alloy)							
	0.7652	GGG NiMn 13 7	–	L-NM 13 7	–	L-NiMn 13 7	EN GJLA-X NiCuCr 15-6-2	
	0.7660	GGG NiCr 20 2	–	L-NC 20 2	–	L-NiMn 20 2	–	
	Temperguss schwarz Malleable cast iron							
	0.8135	GTS-35-04	–	MN 35-10	–	B 340/12	EN GJMB-350-10	
	0.8155	GTS-55-04	50005	MP 50-5	–	P 510/4	EN GJMB-550-4	
	0.8170	GTS-70-02	–	IP 70-2	–	P 690	EN GJMB-700-2	

ISO	Deutschland Germany		USA U.S.A.	Frankreich France	Italien Italy	Großbritannien Great Britain	Europa Norm European Standard
	W-Nr.	DIN	AISI/SAE	AFNOR	UNI	BS	EN
N	NE-Schwermetall-Legierungen Non-ferrous heavy metal alloys						
	2.0321	CuZn37(Ms63)	C27400	CuZn37	P-CuZn37	CZ 108	CW508L
	2.0402	CuZn40Pb2(Ms58)	C37700	CuZn39Pb2	P-CuZn3940Pb2	CZ 122	CW617N
	2.0872	CuNi10Fe1Mn	C70600	CuNi10Fe1Mn	Pt-CuNi10Fe1Mn	CZ 135	CW352H
	2.0920	CuAl8			P-CuAl8		
	2.0932	CuAl8Fe3	C61400	CuAl7Fe2	P-CuAl8Fe3	CA106	CW303G
	2.0966	CuAl10Ni5Fe4	C63000	CuAl10Ni5Fe4		CA104	CW307G
	2.0975	CuAl10Ni	C95800	CuAl10Fe5Ni5	CuAl11Fe4Ni4	AB2	
	2.1020	CuSn6	C51900	CuSn6P	CuSn7	PB103	CW452K
	2.1498	CuSP			CuS(P0,01)		
	2.3205	PbSb5					
	2.3290	PbSb9					
	Leichtmetall-Legierungen Light metal alloys						
	3.1355	AlCuMg2	AA 2024	2024	2024	2024	AW-2024
	3.1645	AlCuMgPb					AW-2007
	3.2581.01	AlSi12	B413.0	A-S 13	3051/G-AS9MG	LM6	AC-44200
	3.3527	AlMg2Mn0,8					AW-5049
	3.3535	AlMg3	AA 5754	5754			AW-5754
	3.4365	AlZnMgCu1,5	AA 7075	7075	7075	7075	AW-7075
	3.5312	MgAl3Zn	AZ31B	G-A3Z1		MAG-E-111	MG-P-62
	3.5161	MgZn6Zr	ZK60A			MAG-E-161	
	3.5194	MgAl9Zn1	AZ91	G-A9Z1		MAG 7	MC-21120
	3.7115	Ti-5Al-2,5Sn	Grade 6		T-A5E		
	3.7165	Ti-6Al-4V	Grade 5		T-A6V	TA10-13	Ti P63
	3.7174	Ti-6Al-6V-2Sn	4971				Ti P64
S	Hochwarmfeste Werkstoffe High-temperature materials						
	Handelsname Tradename						
	HS-27	NiCo32Cr26Mo			KC20WN		
	Hastelloy-C	NiMo16Cr15W	B366	NC17DWY	N01276		DIN 2.4819
	Inconel 718	NiCr19NbMo	5662		N07718	HR8	DIN 2.4668
	Lescalloy	NiCr16FeTi					
	Nimonic90	NiCr20Co18Ti			N07090		DIN 2.4632
	Unitemp	NiCr16Co8WAlTi					
	Vakumell	NiCr20TiAl					
	Vakumelt	NiCo10Cr9WAlTi					
	Alloy 625	NiCr22Mo9N	5599		N06625	NA21	DIN 2.4856