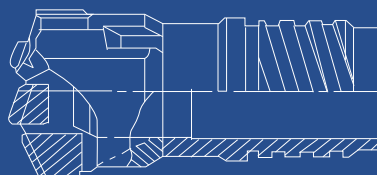
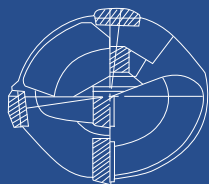


BTA DEEP HOLE DRILL CATALOG



Nigel Precision Machiner(shanghai)Co.,Ltd





COMPANY PROFILE

Nigel Precision Machinery Co., Ltd. is located in Shanghai, China. We specialize in cutting tools and have more than 20 years' experience in this field. We always adhere to the principles of quality first, reputation first, and customer first to provide customers with the highest quality cutting tool solutions.

We are also one of the world's best supplier and manufacturer of cutting tools with full range of cutting tools. Products cover turning, grooving, milling, drilling and other processing methods. The main products are PCBN, PCD inserts, carbide inserts, gear cutting tools, and small boring tools, replaceable drills bits, BTA drills and so on, We have advanced fully automated production equipment, presses, sintering furnaces, coating equipment and Mazak 5-axis CNC machine, Switzerland STUDER grinding machine for internal and external cylindrical grinding, Zoller tool detector, Swiss Alicona passivation testing equipment, German Zeiss CMM. In the production process, we inspect each process of the product to ensure the precision and accuracy of each product. In addition, we can also provide customized services and OEM services according to customer needs.

Our products are favored by customers all over the world, especially in Europe, North America, Asia and other countries with developed manufacturing industries. In the future, our goal is to continuously improve our technical level and product quality and create new markets. We hope that NIGEL's products can create value and competitiveness for you.



BTA high precision deep hole drill

BTA高精度深孔钻

Name 名称	D/mm 直径
NTS钻头系列 NTS drill bit series	15.6-65.0
JTS钻头系列 JTS drill bit series	14.0-65.0
DTI外螺纹连接管 DTI external threaded connecting pipe	15.6-65.0

Convertible Drill Holder

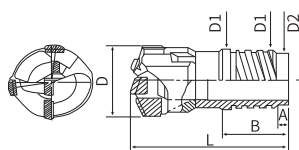
刀片材质介绍

Item	Code	Illustrate
1	NTS.P	Free cutting steel、ordinary steel 易切削钢、普通钢
2	NTS.M	stainless steel 不锈钢
3	NTS.T	Steel、stainless steel (universal type) 钢、不锈钢（通用型）
4	E-NTST	Steel、stainless steel (economy type) 钢、不锈钢（经济型）

BTA high precision deep hole drill

BTA高精度深孔钻

NIGEL



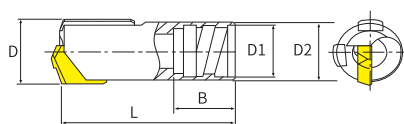
Order number 订货编号						P			
NTS.P						M			
NTS.M						K			
NTS.T						N			
E-NTST						H			
						S			
D mm	D1 mm	D2 mm	B mm	L mm		NTS.P	NTS.M	NTS.T	E-NTST
15.60 ~ 16.20	12.60	10.80	21.50	40.00		●	●	●	●
16.21 ~ 16.70	12.60	10.80	21.50	40.00		●	●	●	●
16.71 ~ 17.20	14.50	12.50	21.50	40.00		●	●	●	●
17.21 ~ 17.70	14.50	12.50	21.50	40.00		●	●	●	●
17.71 ~ 18.40	14.50	12.50	21.50	40.00		●	●	●	●
18.41 ~ 18.90	14.50	12.50	21.50	40.00		●	●	●	●
18.91 ~ 20.00	15.50	13.50	21.50	41.00		●	●	●	●
20.01 ~ 20.90	16.00	14.00	21.50	52.50		●	●	●	●
20.91 ~ 21.80	16.00	14.00	21.50	52.50		●	●	●	●
21.81 ~ 22.90	18.00	16.00	21.50	56.00		●	●	●	●
22.91 ~ 24.10	18.00	16.00	21.50	56.00		●	●	●	●
24.11 ~ 25.20	19.50	17.50	21.50	57.50		●	●	●	●
25.21 ~ 26.40	19.50	17.50	21.50	57.50		●	●	●	●
26.41 ~ 27.50	21.00	19.00	21.50	57.50		●	●	●	●
27.51 ~ 28.70	21.00	19.00	21.50	57.50		●	●	●	●
28.71 ~ 29.80	23.50	21.00	24.50	63.50		●	●	●	●
29.81 ~ 31.00	23.50	21.00	24.50	63.50		●	●	●	●
31.01 ~ 32.00	25.50	23.00	24.50	63.50		●	●	●	●
32.11 ~ 33.30	25.50	23.00	24.50	63.50		●	●	●	●
33.31 ~ 34.80	28.00	25.50	24.50	63.50		●	●	●	●
34.81 ~ 36.20	28.00	25.50	24.50	63.50		●	●	●	●
36.21 ~ 37.30	30.00	27.00	30.50	73.50		●	●	●	●
37.31 ~ 39.60	30.00	27.00	30.50	73.50		●	●	●	●
39.61 ~ 40.60	33.00	30.00	30.50	73.50		●	●	●	●
40.61 ~ 41.80	33.00	30.00	30.50	73.50		●	●	●	●
41.81 ~ 43.00	33.00	30.00	30.50	73.50		●	●	●	●
43.01 ~ 44.30	36.00	33.00	30.50	75.00		●	●	●	●
44.31 ~ 45.60	36.00	33.00	30.50	75.00		●	●	●	●
45.61 ~ 47.00	36.00	33.00	30.50	75.00		●	●	●	●
47.01 ~ 48.50	39.00	36.00	30.50	75.00		●	●	●	●
48.51 ~ 51.10	39.00	36.00	30.50	75.00		●	●	●	●
50.11 ~ 51.70	39.00	36.00	30.50	75.00		●	●	●	●
51.71 ~ 53.20	43.00	39.50	34.50	82.00		●	●	●	●
53.21 ~ 54.70	43.00	39.50	34.50	82.00		●	●	●	●
54.71 ~ 56.20	43.00	39.50	34.50	82.00		●	●	●	●
56.21 ~ 58.40	47.00	43.50	34.50	84.00		●	●	●	●
58.41 ~ 60.60	47.00	43.50	34.50	84.00		●	●	●	●
60.61 ~ 62.80	47.00	43.50	34.50	84.00		●	●	●	●
62.81 ~ 65.00	47.00	43.50	34.50	84.00		●	●	●	●

Order example
订货示例
NTS.P 1560

BTA high precision deep hole drill

BTA高精度深孔钻

NIGEL



Order number 订货编号
JTS.P
JTS.M
JTS.T

Order example
订货示例
JTS.P 1400

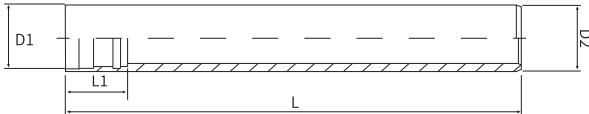
P	●	○	●
M	○	●	●
K	○	○	○
N	○	○	○
H	○	○	○
S	○	○	○

D mm	D1 mm	D2 mm	B mm	L mm	NTS.P	NTS.M	NTS.T	E-NTST
14.00 ~ 14.50	11.50	13.00	21.50	54.80	●	●	●	●
14.51 ~ 15.00	11.50	13.50	22.80	54.80	●	●	●	●
15.01 ~ 15.50	11.80	14.00	22.80	54.80	●	●	●	●
15.51 ~ 16.00	12.40	14.50	22.80	54.80	●	●	●	●
16.01 ~ 16.50	12.70	15.00	22.80	54.80	●	●	●	●
16.51 ~ 17.25	13.40	15.50	22.80	55.00	●	●	●	●
17.26 ~ 18.00	13.70	16.00	22.80	55.00	●	●	●	●
18.01 ~ 19.00	14.40	16.50	22.80	55.00	●	●	●	●
19.01 ~ 19.99	15.40	17.50	22.80	55.00	●	●	●	●
20.00 ~ 20.50	16.50	18.60	25.00	57.55	●	●	●	●
20.51 ~ 21.99	16.50	19.00	25.00	57.55	●	●	●	●
22.00 ~ 22.59	19.00	21.00	25.00	57.55	●	●	●	●
22.60 ~ 23.59	19.00	21.50	25.00	57.55	●	●	●	●
24.00 ~ 24.99	19.00	22.00	25.00	57.55	●	●	●	●
25.00 ~ 25.59	20.00	23.00	25.00	67.50	●	●	●	●
26.00 ~ 26.99	20.00	23.50	25.00	67.50	●	●	●	●
27.00 ~ 27.59	22.00	25.00	25.00	68.00	●	●	●	●
27.60 ~ 28.59	22.00	25.50	25.00	68.00	●	●	●	●
28.60 ~ 29.99	22.00	26.50	25.00	68.00	●	●	●	●
30.00 ~ 30.50	24.00	27.50	25.00	68.00	●	●	●	●
30.51 ~ 31.99	24.00	28.00	25.00	68.00	●	●	●	●
32.00 ~ 32.59	26.00	29.50	25.00	68.50	●	●	●	●
32.60 ~ 33.99	26.00	30.00	25.00	68.50	●	●	●	●
34.00 ~ 34.59	27.00	31.50	40.00	83.50	●	●	●	●
34.60 ~ 35.59	27.00	32.00	40.00	83.50	●	●	●	●
35.60 ~ 36.99	27.00	33.00	40.00	83.50	●	●	●	●
37.00 ~ 37.59	30.00	34.00	40.00	83.50	●	●	●	●
37.60 ~ 38.59	30.00	35.00	40.00	83.50	●	●	●	●
38.60 ~ 39.99	30.00	36.00	40.00	83.50	●	●	●	●
40.00 ~ 40.59	30.00	37.00	40.00	84.00	●	●	●	●
40.60 ~ 41.59	30.00	38.00	40.00	84.00	●	●	●	●
41.60 ~ 42.59	30.00	39.00	40.00	84.00	●	●	●	●
42.60 ~ 43.99	30.00	40.00	40.00	84.00	●	●	●	●
44.00 ~ 44.59	34.00	41.00	40.00	84.50	●	●	●	●
44.60 ~ 45.59	34.00	42.00	40.00	84.50	●	●	●	●
45.60 ~ 46.99	34.00	43.00	40.00	84.50	●	●	●	●
47.00 ~ 47.59	37.00	44.50	40.00	94.50	●	●	●	●
47.60 ~ 48.59	37.00	45.00	40.00	94.50	●	●	●	●
48.60 ~ 49.59	37.00	46.00	40.00	94.50	●	●	●	●
49.60 ~ 50.59	37.00	47.00	40.00	94.50	●	●	●	●
50.60 ~ 51.99	37.00	48.00	40.00	94.50	●	●	●	●
52.00 ~ 52.59	40.00	48.50	40.00	95.00	●	●	●	●
52.60 ~ 53.59	40.00	49.50	40.00	95.00	●	●	●	●
53.60 ~ 54.59	40.00	50.50	40.00	95.00	●	●	●	●
54.60 ~ 55.59	40.00	51.50	40.00	95.00	●	●	●	●
55.60 ~ 56.99	40.00	52.50	40.00	95.00	●	●	●	●
57.00 ~ 57.59	45.00	53.50	40.00	95.50	●	●	●	●
57.60 ~ 58.59	45.00	54.50	40.00	95.50	●	●	●	●
58.60 ~ 59.59	45.00	55.50	40.00	95.50	●	●	●	●
59.60 ~ 60.99	45.00	56.50	40.00	95.50	●	●	●	●
61.00 ~ 61.59	49.00	57.50	40.00	96.00	●	●	●	●
61.60 ~ 62.59	49.00	58.50	40.00	96.00	●	●	●	●
62.60 ~ 63.59	49.00	59.50	40.00	96.00	●	●	●	●
63.60 ~ 64.59	49.00	60.50	40.00	96.00	●	●	●	●
64.60 ~ 65.00	49.00	61.50	40.00	96.00	●	●	●	●

External threaded connecting pipe

外螺纹连接管

NIGEL



Order number 订货编号	D Diameter Range 直径范围 mm	D1 mm	D2 mm	L1 mm
DTI-01	15.60 ~ 16.70	12.60	14.00	21.00
DTI-02	16.71 ~ 17.70	13.60	15.00	21.00
DTI-03	17.71 ~ 18.90	14.50	16.00	22.00
DTI-04	18.91 ~ 20.00	15.50	17.00	22.00
DTI-05	20.01 ~ 21.80	16.00	18.00	27.50
DTI-06	21.81 ~ 24.10	18.00	20.00	30.00
DTI-07	24.11 ~ 26.40	19.50	22.00	30.00
DTI-08	26.41 ~ 28.70	21.00	24.00	30.00
DTI-09	28.71 ~ 31.00	23.50	26.00	33.00
DTI-10	31.01 ~ 33.30	25.50	28.00	33.00
DTI-11	33.31 ~ 36.20	28.00	30.00	33.00
DTI-12	36.21 ~ 39.60	30.00	33.00	40.00
DTI-13	39.61 ~ 43.00	33.00	3.00	40.00
DTI-14	43.01 ~ 47.00	36.00	39.00	40.00
DTI-15	47.01 ~ 51.70	39.00	43.00	40.00
DTI-16	51.71 ~ 56.20	43.00	47.00	44.00
DTI-17	56.21 ~ 60.60	47.00	51.00	44.00
DTI-18	60.61 ~ 65.00	51.00	56.00	44.00

BTA DEEP HOLE DRILL CATALOG

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