

Special cutting tools



N1001



Special drills for oil pipe

N1002



Special drills for oil pipe

N1003



Oil drills

N1004



Ice drills

N1005



Mini taps

N1006



Bent taps

[We can design and produce cutting tools according to your drawings or samples!](#)

[We can satisfy your special requirements!](#)

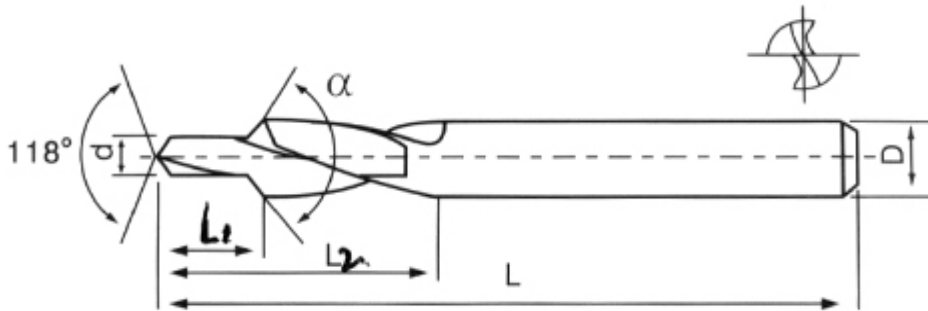


N1105

Sink and step drills for screw thread

HSS, fully ground, bright finish

Applications: suitable for general drilling, finishing job in one process instead of two, efficiently and easily get concentric circles



angle	d1 (mm)	d2 (mm)	L(mm)	l1(mm)	L2 js16(mm)	thread hole
90	3.4	6.4	65	13	35	M 3
	4.5	8.4	75	18	42	M 4
	5.5	10.4	85	22	50	M 5
	6.6	12.5	90	25	53	M 6
	9.0	16.5	95	28	53	M 8
180	3.4	6.5	65	13	35	M 3
	4.5	8.0	75	18	42	M 4
	5.5	9.5	85	22	50	M 5
	6.6	11.0	90	25	53	M 6
	9.0	14.0	95	28	53	M 8
	11.0	17.5	105	30	63	M 10
	14.0	20.0	110	32	68	M 12
	9/32'	13/32'	5-1/4'	11/16'	3-7/8'	1/4'
	11/32'	1/2'	6.0	3/4'	4-1/2'	5/16'
	13/32'	19/32'	7-1/8'	7/8'	5-3/6'	3/8'
	15/32'	11/16'	7-5/8'	1.0	5-5/8'	7/16'
	17/32'	25/32'	5-1/8'	1.0	3-1/4'	1/2'
	21/32'	31/32'	5-7/8'	1.0	3-7/8'	5/8'



N1110

**HSS core drills with weldon shank
material M2 or M35**



Applications:cutting of sheet metal with thickness of 25 mm and 25 mm

Size mm	cutting depth mm	cutting depth mm
12	30	50
13	30	50
14	30	50
15	30	50
16	30	50
17	30	50
18	30	50
19	30	50
20	30	50
21	30	50
22	30	50
23	30	50
24	30	50
25	30	50
26	30	50
27	30	50
28	30	50
29	30	50
30	30	50
31	30	50
32	30	50
33	30	50
34	30	50
35	30	50
36	30	50
37	30	50
38	30	50
39	30	50
40	30	50
41	30	50
42	30	50
43	30	50
44	30	50

Size mm	cutting depth mm	cutting depth mm
45	30	50
46	30	50
47	30	50
48	30	50
49	30	50
50	30	50
51	30	50
52	30	50
53	30	50
54	30	50
55	30	50
56	30	50
57	30	50
58	30	50
59	30	50
60	30	50



N1115

Spottle Weld Drills with Milling Crown

milling crown of 10 mm, black finish, material M 2, with hex shank of Nickel-plated, material of C45, with centering pin of 2.5 mm, material bearing steel

Applications:

Drilling of thin sheet metal, aluminium and other metals

Size		Total Length
mm		mm
10.00	x	72



N1120

Normal hole drills

Applications:

It drills holes on materials such as plastic, cast iron, aluminum alloy and carbon steel within 5mm, stainless steel square pipes and plates within 3mm. The edge part is formed in one piece by the full automatic digital control grinder. Having high precision, light cutting and no burrs around hole side, its working life is 3 time more than the products with the same price class.

Diameter		Total length(mm)	drilling deep(mm)	shank dia(mm)
mm	inch			
15	9/16"	67	13	9.5
16	5/8"	67	13	9.5
17	11/16"	67	13	9.5
18	11/16"	67	13	9.5
19	3/4"	67	13	9.5
20	13/16"	67	13	9.5
21	13/16"	67	13	9.5

Diameter		Total length(mm)	drilling deep(mm)	shank dia(mm)
mm	inch			
22	7/8"	67	13	9.5
23	7/8"	67	13	9.5
24	15/16"	67	13	9.5
25	1	67	13	9.5
25.5	1	67	13	9.5
26	1	67	13	9.5
28	1-1/8"	67	13	9.5
30	1-3/16"	67	13	9.5
32	1-1/4"	67	13	9.5
35	1-3/8"	67	13	9.5
38	1-1/2"	67	13	9.5
40	1-9/16"	67	13	9.5
42	1-5/8"	67	13	9.5
45	1-3/4"	67	13	9.5
48	1-7/8"	67	13	9.5
50	1-15/16"	67	13	9.5
53	2-1/16"	67	13	9.5
55	2-3/16"	67	13	9.5
60	2-3/8"	67	13	11
65	2-9/16"	67	13	11
70	2-3/4"	67	13	11
75	2-15/16"	67	13	11
80	3-1/8"	67	13	11
85	3-1/8"	67	13	11



N1125

Long type Hard alloy drill

Purpose:

It drills holes on materials such as plastic, cast iron, aluminum alloy and carbon steel within 15mm, stainless steel square pipes and plates within 10mm.

The edge part is formed in one piece by the full automatic digital control grinder. Having high precision, firm, sharp edge, light cutting and flattening hole side without burrs and inner concave.

Diameter		Total length(mm)	drilling deep(mm)	shank dia(mm)
mm	inch			
15	9/16"	81	16	9.5
16	5/8"	81	16	9.5
17	11/16"	81	16	9.5
18	11/16"	81	16	9.5
19	3/4"	81	16	9.5
20	13/16"	81	16	9.5
21	13/16"	81	16	9.5
22	7/8"	81	16	9.5
23	7/8"	81	16	9.5
24	15/16"	81	16	9.5
25	1	81	16	9.5
25.5	1	81	16	9.5
26	1	81	16	9.5
28	1-1/8"	81	16	9.5
30	1-3/16"	81	16	9.5
32	1-1/4"	81	16	9.5
35	1-3/8"	81	16	9.5
38	1-1/2"	81	16	9.5
40	1-9/16"	81	16	9.5
42	1-5/8"	81	16	9.5
45	1-3/4"	81	16	9.5
48	1-7/8"	81	16	9.5
50	1-15/16"	81	16	9.5
53	2-1/16"	81	16	9.5
55	2-3/16"	81	16	9.5
60	2-3/8"	81	16	11
65	2-9/16"	81	16	11
70	2-3/4"	81	16	11
75	2-15/16"	81	16	11
80	3-1/8"	81	16	11
85	3-1/8"	81	16	11



N1130

fully ground HSS hole drill

It drills holes on materials such as plastic castiron, aluminum alloy and carbon steel within 1.5mm. It is mainly used in industries such as electric switch cabinets, decorating security doors, cupboard, etc. Having performances of the product exceed the same kind of Japanese products makes the performance price rate three times more.

Diameter		Total length(mm)	drilling deep(mm)	shank dia(mm)
mm	inch			
12	1/2"	70	5	6.5
13	1/2"	70	5	6.5
14	9/16"	70	5	7.2
15	9/16"	70	5	7.2
16	5/8"	70	5	7.2
17	11/16"	70	5	7.2
18	11/16"	70	5	7.2
19	3/4"	70	5	7.2
20	13/16"	70	5	7.2
21	13/16"	70	5	7.2
22	7/8"	70	5	7.2
23	7/8"	70	5	7.2
24	15/16"	70	5	7.2
25	1	70	5	7.2
26	1	70	5	7.2
28	1-1/8"	70	5	7.2
30	1-3/16"	70	5	9.5
32	1-1/4"	70	5	9.5
35	1-3/8"	70	5	9.5
38	1-1/2"	70	5	9.5
40	1-9/16"	70	5	9.5
42	1-5/8"	70	5	11.5
45	1-3/4"	70	5	11.5
48	1-7/8"	70	5	11.5
50	1-15/16"	70	5	11.5
53	2-1/16"	70	5	11.5
55	2-3/16"	70	5	11.5
60	2-3/8"	70	5	11.5

65	2-9/16"	70	5	11.5
70	2-3/4"	70	5	11.5
75	2-15/16"	70	5	11.5
80	3-1/8"	70	5	11.5
85	3-1/8"	70	5	11.5



N1135

M42 Bi-Metal Hole Saw

It drills holes on materials such as plastic, cast iron, aluminum alloy and carbon steel within drilling hole depth 28mm, mostly used in pipe. It is widely used in industries such as electric switch cabinets, decorating security doors, ship building, environmental protection equipment, mechanical engineering, boiler manufacturing, fire annihilator pipe installation, oil feed pipe, etc.

Diameter		Total length(mm)	drilling deep(mm)	shank dia(mm)
mm	inch			
19	3/4"	101	31	9.2
21	13/16"	101	31	9.2
22	7/8"	101	31	9.2
23	7/8"	101	31	9.2
25	1	101	31	9.2
27	1-1/16"	101	31	9.2
29	1-1/8"	101	31	9.2
30	1-3/16"	101	31	9.2
32	1-1/4"	101	31	9.2
33	1-5/16"	101	31	9.2
35	1-3/8"	101	31	9.2
37	1-7/16"	101	31	9.2
38	1-1/2"	101	31	11
40	1-9/16"	101	31	11
42	1-5/8"	101	31	11
45	1-3/4"	101	31	11
48	1-7/8"	101	31	11
50	1-15/16"	101	31	11
53	2-1/16"	101	31	11
55	2-3/16"	101	31	11
60	2-3/8"	101	31	11

65	2-9/16"	101	31	11
70	2-3/4"	101	31	11
75	2-15/16"	101	31	11
79	3-1/8"	101	31	11
80	3-1/8"	101	31	11
81	3-3/16"	101	31	11
83	3-1/4"	101	31	11
85	3-3/8"	101	31	11
89	3-1/2"	101	31	11
90	3-9/16"	101	31	11
92	3-5/8"	101	31	11
95	3-3/4"	101	31	11
100	3-15/16"	101	31	11
102	4"	101	31	11
114	4-1/2"	101	31	11
115	4-1/2"	101	31	11
120	4-3/4"	101	31	11
125	4-15/16"	101	31	11
130	5-1/8"	101	31	11
140	5-1/2"	101	31	11
150	5-7/8"	101	31	11



N1140

HSS hole cutter for steel stainless round pipe, square pipe and sheet metal

Diameter		Total length(mm)	drilling deep(mm)
mm			
14		70	5
15		70	5
16		70	5
17		70	5
18		70	5
19		70	5
20		70	5
21		70	5
22		70	5
23		70	5
25		70	5
26		70	5
28		70	5

30		70	5
32		70	5
35		70	5
38		70	5
40		70	5
42		70	5
45		70	5
48		70	5
50		70	5
53		70	5
55		70	5
60		70	5
65		70	5
70		70	5
75		70	5
80		70	5



N1145

TCT hole cutters for rail way, with weldon shank of 19 mm, for magnetic drills.

Diameter(mm)	Diameter(mm)
21	28
22	30
23	31
24	32
25	33
26	34
27	36



N1150

TCT hole cutters for cast iron sheet metal, with cutting depth of 10 mm, 30 mm and 50 mm with weldon shank 19 mm for magnetic drills.

SIZE	SIZE
18	43
19	44
20	45
21	46
22	47
23	48
24	49
25	50
26	51
27	52
28	53
29	54
30	55
31	56
32	57
33	58
34	59
35	60
36	Adpater
37	Pilot drill 6MM
38	Pilot drill 8MM
39	Adapter3#
40	Adapter4#
41	Center pin 8 x 85
42	Center pin 8 x 110