

Nitro Heavy Duty Drills

HIGH SPEED M-7N STEEL HEAVY DUTY BRONZE & BLACK FINISH



Manufactured from a premium grade of M-7N molybdenum high speed steel. The *Nitro* Heavy Duty 135° Split Point drill with a Nitride surface treatment, that gives a hard, protective layer to the drill (increases hardness without increasing brittleness), which is measurably harder than high speed steel. Body and clearance are gold and black surface treated for maximum lubricity. Recommended for use in stainless steel and other hard metal drilling.

Packaging: 1/16" thru 19/64" and "A" thru "L", 12 per pack. 5/16" thru 1/2" and "M" thru "Z", 6 per pack.

MADE IN USA

SERIES 400N

135° SPLIT POINT

FRAC SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE
1/16	7/8	1-7/8	400N104	\$1.52
5/64	1"	2"	400N105	1.70
3/32	1-1/4	2-1/4	400N106	1.70
7/64	1-1/2	2-5/8	400N107	1.70
1/8	1-5/8	2-3/4	400N108	1.96
9/64	1-3/4	2-7/8	400N109	1.96
5/32	2"	3-1/8	400N110	2.22
11/64	2-1/8	3-1/4	400N111	2.26
3/16	2-5/16	3-1/2	400N112	2.65
13/64	2-7/16	3-5/8	400N113	2.96
7/32	2-1/2	3-3/4	400N114	3.26
15/64	2-5/8	3-7/8	400N115	3.44
1/4	2-3/4	4"	400N116	3.70
17/64	2-7/8	4-1/8	400N117	4.52

FRAC SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE
9/32	2-15/16	4-1/4	400N118	\$5.44
19/64	3-1/16	4-3/8	400N119	5.87
5/16	3-3/16	4-1/2	400N120	6.05
21/64	3-5/16	4-5/8	400N121	6.66
11/32	3-7/16	4-3/4	400N122	7.40
23/64	3-1/2	4-7/8	400N123	8.27
3/8	3-5/8	5"	400N124	8.35
25/64	3-3/4	5-1/8	400N125	9.79
13/32	3-7/8	5-1/4	400N126	10.09
27/64	3-15/16	5-3/8	400N127	11.14
7/16	4-1/16	5-1/2	400N128	12.01
29/64	4-3/16	5-5/8	400N129	13.75
15/32	4-5/16	5-3/4	400N130	14.09
31/64	4-3/8	5-7/8	400N131	14.75
1/2	4-1/2	6"	400N132	14.14

MADE IN USA

SERIES 440N

135° SPLIT POINT

LETTER SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE
A	2-5/8	3-7/8	440N501	\$5.09
B	2-3/4	4"	440N502	5.09
C	2-3/4	4"	440N503	4.87
D	2-3/4	4"	440N504	4.87
E	2-3/4	4"	440N505	4.87
F	2-7/8	4-1/8	440N506	5.52
G	2-7/8	4-1/8	440N507	5.70
H	2-7/8	4-1/8	440N508	5.87
I	2-7/8	4-1/8	440N509	5.87
J	2-7/8	4-1/8	440N510	7.00
K	2-15/16	4-1/4	440N511	7.00
L	2-15/16	4-1/4	440N512	7.96
M	3-1/16	4-3/8	440N513	8.44

LETTER SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE
N	3-1/16	4-3/8	440N514	\$8.44
O	3-3/16	4-1/2	440N515	8.44
P	3-5/16	4-5/8	440N516	8.83
Q	3-7/16	4-3/4	440N517	8.83
R	3-7/16	4-3/4	440N518	8.83
S	3-1/2	4-7/8	440N519	10.31
T	3-1/2	4-7/8	440N520	10.31
U	3-5/8	5"	440N521	11.14
V	3-5/8	5"	440N522	11.14
W	3-3/4	5-1/8	440N523	11.92
X	3-3/4	5-1/8	440N524	14.09
Y	3-7/8	5-1/4	440N525	15.05
Z	3-7/8	5-1/4	440N526	16.23

Nitro Heavy Duty Drills

HIGH SPEED M-7N STEEL

HEAVY DUTY

BRONZE & BLACK FINISH



Manufactured from a premium grade of M-7N molybdenum high speed steel. The *Nitro* Heavy Duty 135° Split Point drill with a Nitride surface treatment, that gives a hard, protective layer to the drill (increases hardness without increasing brittleness), which is measurably harder than high speed steel. Body and clearance are gold and black surface treated for maximum lubricity. Recommended for use in stainless steel and other hard metal drilling.

Packaging: #1 thru #60, 12 per pack.

MADE IN USA

SERIES 480N

135° SPLIT POINT

WIRE SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE	WIRE SIZES	FLUTE LENGTH	OVERALL LENGTH	EDP NUMBERS	LIST PRICE
1	2-5/8	3-7/8	480N001	\$3.67	31	1-5/8	2-3/4	480N031	\$1.77
2	2-1/2	3-7/8	480N002	3.67	32	1-5/8	2-3/4	480N032	1.77
3	2-1/2	3-3/4	480N003	3.46	33	1-1/2	2-5/8	480N033	1.77
4	2-1/2	3-3/4	480N004	3.46	34	1-1/2	2-5/8	480N034	1.77
5	2-1/2	3-3/4	480N005	3.43	35	1-1/2	2-5/8	480N035	1.77
6	2-1/2	3-3/4	480N006	3.43	36	1-7/16	2-1/2	480N036	1.66
7	2-7/16	3-5/8	480N007	3.27	37	1-7/16	2-1/2	480N037	1.66
8	2-7/16	3-5/8	480N008	3.27	38	1-7/16	2-1/2	480N038	1.66
9	2-7/16	3-5/8	480N009	3.27	39	1-3/8	2-3/8	480N039	1.66
10	2-7/16	3-5/8	480N010	3.04	40	1-3/8	2-3/8	480N040	1.66
11	2-5/16	3-1/2	480N011	3.04	41	1-3/8	2-3/8	480N041	1.58
12	2-5/16	3-1/2	480N012	3.04	42	1-1/4	2-1/4	480N042	1.58
13	2-5/16	3-1/2	480N013	3.04	43	1-1/4	2-1/4	480N043	1.53
14	2-3/16	3-3/8	480N014	2.82	44	1-1/8	2-1/8	480N044	1.53
15	2-3/16	3-3/8	480N015	2.82	45	1-1/8	2-1/8	480N045	1.53
16	2-3/16	3-3/8	480N016	2.82	46	1-1/8	2-1/8	480N046	1.53
17	2-3/16	3-3/8	480N017	2.75	47	1"	2"	480N047	1.53
18	2-1/8	3-1/4	480N018	2.68	48	1"	2"	480N048	1.53
19	2-1/8	3-1/4	480N019	2.68	49	1"	2"	480N049	1.53
20	2-1/8	3-1/4	480N020	2.54	50	1"	2"	480N050	1.53
21	2-1/8	3-1/4	480N021	2.54	51	1"	2"	480N051	1.53
22	2"	3-1/8	480N022	2.47	52	7/8	1-7/8	480N052	1.47
23	2"	3-1/8	480N023	2.47	*53	7/8	1-7/8	480N053	1.42
24	2"	3-1/8	480N024	2.47	*54	7/8	1-7/8	480N054	1.42
25	1-7/8	3"	480N025	2.19	*55	7/8	1-7/8	480N055	1.42
26	1-7/8	3"	480N026	2.19	*56	3/4	1-3/4	480N056	1.42
27	1-7/8	3"	480N027	2.19	*57	3/4	1-3/4	480N057	1.73
28	1-3/4	2-7/8	480N028	2.05	*58	11/16	1-5/8	480N058	1.73
29	1-3/4	2-7/8	480N029	2.05	*59	11/16	1-5/8	480N059	1.73
30	1-5/8	2-3/4	480N030	1.97	*60	11/16	1-5/8	480N060	1.73

* NOT SPLIT POINT