



# THREADED SHANK DRILLS

NEW  
for  
2020

## HSS, NAS-965 Type B, 1/4-28 Threaded Hex Shank, Steam Oxide

### TS41HS

- Wire Gauge Size
- Stub Length



Diameter Number	Flute Length	Length	Length of Hex Flat	EDP #	Previous EDP #
N50	5/16	1/2	1/8	7877827	
N40	5/16	1/2	1/8	7877829	045840
N39	5/16	1/2	1/8	7877910	
N38	5/16	1/2	1/8	7877911	
N37	5/16	1/2	1/8	7877912	
N36	5/16	1/2	1/8	7877913	
N35	5/16	1/2	1/8	7877915	
N34	5/16	1/2	1/8	7877916	
N33	5/16	1/2	1/8	7877917	
N32	5/16	1/2	1/8	7877918	
N31	5/16	1/2	1/8	7877919	
N30	5/16	9/16	1/8	7877921	045830
N29	5/16	9/16	1/8	7877922	
N28	5/16	9/16	1/8	7877923	
N27	5/16	9/16	1/8	7877925	
N26	5/16	9/16	1/8	7877926	
N25	5/16	9/16	1/8	7877927	
N24	5/16	9/16	1/8	7877928	
N23	5/16	9/16	1/8	7877929	
N22	5/16	9/16	1/8	7877931	
N21	5/16	9/16	1/8	7877932	
N20	5/16	9/16	1/8	7877933	045820
N19	5/16	9/16	1/8	7877934	
N18	5/16	9/16	1/8	7877935	
N17	5/16	9/16	1/8	7877937	
N16	5/16	9/16	1/8	7877938	
N15	5/16	9/16	1/8	7877939	
N14	5/16	9/16	1/8	7877940	
N13	5/16	9/16	1/8	7877941	
N12	5/16	9/16	1/8	7877943	
N11	5/16	9/16	1/8	7877944	045811
N10	5/16	9/16	1/8	7877945	045810
N9	5/16	5/8	1/4	7877946	
N8	5/16	5/8	1/4	7877947	
N7	5/16	5/8	1/4	7877948	
N6	5/16	5/8	1/4	7877950	
N5	5/16	5/8	1/4	7877951	
N4	5/16	5/8	1/4	7877952	
N3	5/16	5/8	1/4	7877953	
N2	5/16	5/8	1/4	7877955	
N1	5/16	5/8	1/4	7877956	

### TS18HS

- Wire Gauge Size
- Short Length



Diameter Number	Flute Length	Length	Length of Hex Flat	EDP #	Previous EDP #
N50	9/16	1"	1/4	7877968	
N40	9/16	1"	1/4	7877970	045640
N39	9/16	1"	1/4	7877971	
N38	9/16	1"	1/4	7877972	
N37	9/16	1"	1/4	7877973	
N36	9/16	1"	1/4	7877974	
N35	9/16	1"	1/4	7877976	
N34	9/16	1"	1/4	7877977	
N33	9/16	1"	1/4	7877978	
N32	9/16	1"	1/4	7877979	
N31	9/16	1"	1/4	7877980	
N30	9/16	1 1/4	1/4	7877982	045630
N29	9/16	1 1/4	1/4	7877983	
N28	9/16	1 1/4	1/4	7877984	
N27	9/16	1 1/4	1/4	7877986	
N26	9/16	1 1/4	1/4	7877987	
N25	9/16	1 1/4	1/4	7877988	
N24	9/16	1 1/4	1/4	7877989	
N23	9/16	1 1/4	1/4	7877990	
N22	9/16	1 1/4	1/4	7877992	
N21	9/16	1 1/4	1/4	7877993	045621
N20	9/16	1 1/4	1/4	7877994	045620
N19	9/16	1 1/4	1/4	7877995	
N18	9/16	1 1/4	1/4	7877996	
N17	9/16	1 1/4	1/4	7877998	
N16	9/16	1 1/4	1/4	7877999	
N15	9/16	1 1/4	1/4	7878000	
N14	9/16	1 1/4	1/4	7878001	
N13	9/16	1 1/4	1/4	7878002	
N12	9/16	1 1/4	1/4	7878004	
N11	9/16	1 1/4	1/4	7878005	045611
N10	9/16	1 1/4	1/4	7878006	045610
N9	9/16	1 1/4	5/16	7878007	
N8	9/16	1 1/4	5/16	7878008	
N7	9/16	1 1/4	5/16	7878009	
N6	9/16	1 1/4	5/16	7878011	
N5	9/16	1 1/4	5/16	7878012	
N4	9/16	1 1/4	5/16	7878013	
N3	9/16	1 1/4	5/16	7878014	
N2	9/16	1 1/4	5/16	7878016	
N1	9/16	1 1/4	5/16	7878017	

### TS52HS

- Wire Gauge Size
- Long Length



Diameter Number	Flute Length	Length	Length of Hex Flat	EDP #	Previous EDP #
N50	7/8	2 1/8	1/4	7878029	
N40	7/8	2 1/8	1/4	7878031	017940
N39	7/8	2 1/8	1/4	7878032	
N38	7/8	2 1/8	1/4	7878033	
N37	7/8	2 1/8	1/4	7878034	
N36	7/8	2 1/8	1/4	7878035	
N35	7/8	2 1/8	1/4	7878037	
N34	7/8	2 1/8	1/4	7878038	
N33	7/8	2 1/8	1/4	7878039	
N32	7/8	2 1/8	1/4	7878040	
N31	7/8	2 1/8	1/4	7878041	
N30	1 1/8	2 1/8	1/4	7878043	017930
N29	1 1/8	2 1/8	1/4	7878044	
N28	1 1/8	2 1/8	1/4	7878045	
N27	1 1/8	2 1/8	1/4	7878047	
N26	1 1/8	2 1/8	1/4	7878048	
N25	1 1/8	2 1/8	1/4	7878049	
N24	1 1/8	2 1/8	1/4	7878050	
N23	1 1/8	2 1/8	1/4	7878051	
N22	1 1/8	2 1/8	1/4	7878053	
N21	1 1/8	2 1/8	1/4	7878054	017921
N20	1 1/8	2 1/8	1/4	7878055	017920
N19	1 1/8	2 1/8	1/4	7878056	
N18	1 1/8	2 1/8	1/4	7878057	
N17	1 1/8	2 1/8	1/4	7878059	
N16	1 1/8	2 1/8	1/4	7878060	
N15	1 1/8	2 1/8	1/4	7878061	
N14	1 1/8	2 1/8	1/4	7878062	
N13	1 1/8	2 1/8	1/4	7878063	
N12	1 1/8	2 1/8	1/4	7878065	
N11	1 1/8	2 1/8	1/4	7878066	017911
N10	1 1/8	2 1/8	1/4	7878067	017910
N9	1 1/8	2 1/8	5/16	7878068	
N8	1 1/8	2 1/8	5/16	7878069	
N7	1 1/8	2 1/8	5/16	7878070	
N6	1 1/8	2 1/8	5/16	7878072	
N5	1 1/8	2 1/8	5/16	7878073	
N4	1 1/8	2 1/8	5/16	7878074	
N3	1 1/8	2 1/8	5/16	7878075	
N2	1 1/8	2 1/8	5/16	7878077	
N1	1 1/8	2 1/8	5/16	7878078	

### TS40HS

- Fractional
- Stub Length



Cutting Dia	Flute Length	Length	Length of Hex Flat	EDP #
3/32	5/16	1/2	1/8	7877828
7/64	5/16	1/2	1/8	7877914
1/8	5/16	1/2	1/8	7877920
9/64	5/16	9/16	1/8	7877924
5/32	5/16	9/16	1/8	7877930
11/64	5/16	9/16	1/8	7877936
3/16	5/16	9/16	1/8	7877942
13/64	5/16	5/8	1/4	7877949
7/32	5/16	5/8	1/4	7877954
15/64	5/16	5/8	1/4	7877958
1/4	5/16	5/8	1/4	7877962
9/32	5/16	5/8	1/4	7877965
5/16	5/16	3/4	1/4	7877966
3/8	5/16	3/4	1/4	7877967

### TS10HS

- Fractional
- Short Length



Diameter Number	Flute Length	Length	Length of Hex Flat	EDP #	Previous EDP #
3/32	9/16	1"	1/4	7877969	
7/64	9/16	1"	1/4	7877975	
1/8	9/16	1"	1/4	7877981	045708
9/64	9/16	1 1/4	1/4	7877985	
5/32	9/16	1 1/4	1/4	7877991	045710
11/64	9/16	1 1/4	1/4	7877997	
3/16	9/16	1 1/4	1/4	7878003	045712
13/64	9/16	1 1/4	5/16	7878010	
7/32	9/16	1 1/4	5/16	7878015	045714
15/64	9/16	1 1/4	5/16	7878019	
1/4	9/16	1 1/4	5/16	7878023	045716
9/32	9/16	1 1/4	5/16	7878026	
5/16	9/16	1 1/4	5/16	7878027	
3/8	9/16	1 1/4	5/16	7878028	

### TS51HS

- Fractional
- Long Length



Diameter Number	Flute Length	Length	Length of Hex Flat	EDP #	Previous EDP #
3/32	7/8	2 1/8	1/4	7878030	
7/64	7/8	2 1/8	1/4	7878036	
1/8	7/8	2 1/8	1/4	7878042	017958
9/64	1 1/8	2 1/8	1/4	7878046	
5/32	1 1/8	2 1/8	1/4	7878052	017960
11/64	1 1/8	2 1/8	1/4	7878357	
3/16	1 1/8	2 1/8	1/4	7878064	017962
13/64	1 1/8	2 1/8	5/16	7878071	
7/32	1 1/8	2 1/8	5/16	7878076	017964
15/64	1 1/8	2 1/8	5/16	7878080	
1/4	1 1/8	2 1/8	5/16	7878084	017966
9/32	1 1/8	2 1/8	5/16	7878087	
5/16	1 1/8	2 1/8	5/16	7878088	
3/8	1 1/8	2 1/8	5/16	7878089	

### TS42HS

- Letter Size
- Stub Length



Cutting Dia	Flute Length	Length	Length of Hex Flat	EDP #
A	5/16	5/8	1/4	7877957
B	5/16	5/8	1/4	7877959
C	5/16	5/8	1/4	7877960
D	5/16	5/8	1/4	7877961
F	5/16	5/8	1/4	7877963
G	5/16	5/8	1/4	7877964

### TS15HS

- Letter Size
- Short Length



Cutting Dia	Flute Length	Length	Length of Hex Flat	EDP #
A	9/16	1 1/4	5/16	7878018
B	9/16	1 1/4	5/16	7878020
C	9/16	1 1/4	5/16	7878021
D	9/16	1 1/4	5/16	7878022
F	9/16	1 1/4	5/16	7878024
G	9/16	1 1/4	5/16	7878025

### TS55HS

- Letter Size
- Long Length



Cutting Dia	Flute Length	Length	Length of Hex Flat	EDP #
A	1 1/8	2 1/8	5/16	7878079
B	1 1/8	2 1/8	5/16	7878081
C	1 1/8	2 1/8	5/16	7878082
D	1 1/8	2 1/8	5/16	7878



# THREADED SHANK DRILLS

## Cobalt, NAS-965 Type D, 1/4-28 Threaded Square Shank, Steam Oxide

### TS41CO

- Wire Gauge Size
- Stub Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
N50	5/16	1/2	1/8	7878110
N40	5/16	1/2	1/8	7878112
N39	5/16	1/2	1/8	7878113
N38	5/16	1/2	1/8	7878114
N37	5/16	1/2	1/8	7878115
N36	5/16	1/2	1/8	7878116
N35	5/16	1/2	1/8	7878118
N34	5/16	1/2	1/8	7878119
N33	5/16	1/2	1/8	7878120
N32	5/16	1/2	1/8	7878121
N31	5/16	1/2	1/8	7878122
N30	5/16	9/16	1/8	7878124
N29	5/16	9/16	1/8	7878125
N28	5/16	9/16	1/8	7878126
N27	5/16	9/16	1/8	7878128
N26	5/16	9/16	1/8	7878129
N25	5/16	9/16	1/8	7878130
N24	5/16	9/16	1/8	7878131
N23	5/16	9/16	1/8	7878132
N22	5/16	9/16	1/8	7878134
N21	5/16	9/16	1/8	7878135
N20	5/16	9/16	1/8	7878136
N19	5/16	9/16	1/8	7878137
N18	5/16	9/16	1/8	7878138
N17	5/16	9/16	1/8	7878140
N16	5/16	9/16	1/8	7878141
N15	5/16	9/16	1/8	7878142
N14	5/16	9/16	1/8	7878143
N13	5/16	9/16	1/8	7878144
N12	5/16	9/16	1/8	7878146
N11	5/16	9/16	1/8	7878147
N10	5/16	9/16	1/8	7878148
N9	5/16	5/8	1/4	7878149
N8	5/16	5/8	1/4	7878150
N7	5/16	5/8	1/4	7878151
N6	5/16	5/8	1/4	7878153
N5	5/16	5/8	1/4	7878154
N4	5/16	5/8	1/4	7878155
N3	5/16	5/8	1/4	7878156
N2	5/16	5/8	1/4	7878158
N1	5/16	5/8	1/4	7878159

### TS18CO

- Wire Gauge Size
- Short Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
N50	9/16	1"	1/4	7878171
N40	9/16	1"	1/4	7878173
N39	9/16	1"	1/4	7878174
N38	9/16	1"	1/4	7878175
N37	9/16	1"	1/4	7878176
N36	9/16	1"	1/4	7878177
N35	9/16	1"	1/4	7878179
N34	9/16	1"	1/4	7878180
N33	9/16	1"	1/4	7878181
N32	9/16	1"	1/4	7878182
N31	9/16	1"	1/4	7878183
N30	9/16	1 1/4	1/4	7878185
N29	9/16	1 1/4	1/4	7878186
N28	9/16	1 1/4	1/4	7878187
N27	9/16	1 1/4	1/4	7878189
N26	9/16	1 1/4	1/4	7878190
N25	9/16	1 1/4	1/4	7878191
N24	9/16	1 1/4	1/4	7878192
N23	9/16	1 1/4	1/4	7878193
N22	9/16	1 1/4	1/4	7878195
N21	9/16	1 1/4	1/4	7878196
N20	9/16	1 1/4	1/4	7878197
N19	9/16	1 1/4	1/4	7878198
N18	9/16	1 1/4	1/4	7878199
N17	9/16	1 1/4	1/4	7878201
N16	9/16	1 1/4	1/4	7878202
N15	9/16	1 1/4	1/4	7878203
N14	9/16	1 1/4	1/4	7878204
N13	9/16	1 1/4	1/4	7878205
N12	9/16	1 1/4	1/4	7878207
N11	9/16	1 1/4	1/4	7878208
N10	9/16	1 1/4	1/4	7878209
N9	9/16	1 1/4	5/16	7878210
N8	9/16	1 1/4	5/16	7878211
N7	9/16	1 1/4	5/16	7878212
N6	9/16	1 1/4	5/16	7878214
N5	9/16	1 1/4	5/16	7878215
N4	9/16	1 1/4	5/16	7878216
N3	9/16	1 1/4	5/16	7878217
N2	9/16	1 1/4	5/16	7878219
N1	9/16	1 1/4	5/16	7878220

### TS52CO

- Wire Gauge Size
- Long Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
N50	7/8	2 1/8	1/4	7878232
N40	7/8	2 1/8	1/4	7878234
N39	7/8	2 1/8	1/4	7878235
N38	7/8	2 1/8	1/4	7878236
N37	7/8	2 1/8	1/4	7878237
N36	7/8	2 1/8	1/4	7878238
N35	7/8	2 1/8	1/4	7878240
N34	7/8	2 1/8	1/4	7878241
N33	7/8	2 1/8	1/4	7878242
N32	7/8	2 1/8	1/4	7878243
N31	7/8	2 1/8	1/4	7878244
N30	1 1/8	2 1/8	1/4	7878246
N29	1 1/8	2 1/8	1/4	7878247
N28	1 1/8	2 1/8	1/4	7878248
N27	1 1/8	2 1/8	1/4	7878250
N26	1 1/8	2 1/8	1/4	7878251
N25	1 1/8	2 1/8	1/4	7878252
N24	1 1/8	2 1/8	1/4	7878253
N23	1 1/8	2 1/8	1/4	7878254
N22	1 1/8	2 1/8	1/4	7878256
N21	1 1/8	2 1/8	1/4	7878257
N20	1 1/8	2 1/8	1/4	7878258
N19	1 1/8	2 1/8	1/4	7878259
N18	1 1/8	2 1/8	1/4	7878260
N17	1 1/8	2 1/8	1/4	7878262
N16	1 1/8	2 1/8	1/4	7878263
N15	1 1/8	2 1/8	1/4	7878264
N14	1 1/8	2 1/8	1/4	7878265
N13	1 1/8	2 1/8	1/4	7878266
N12	1 1/8	2 1/8	1/4	7878268
N11	1 1/8	2 1/8	1/4	7878269
N10	1 1/8	2 1/8	1/4	7878270
N9	1 1/8	2 1/8	5/16	7878271
N8	1 1/8	2 1/8	5/16	7878272
N7	1 1/8	2 1/8	5/16	7878273
N6	1 1/8	2 1/8	5/16	7878275
N5	1 1/8	2 1/8	5/16	7878276
N4	1 1/8	2 1/8	5/16	7878277
N3	1 1/8	2 1/8	5/16	7878278
N2	1 1/8	2 1/8	5/16	7878280
N1	1 1/8	2 1/8	5/16	7878281

### TS40CO

- Fractional
- Stub Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
3/32	5/16	1/2	1/8	7878111
7/64	5/16	1/2	1/8	7878117
1/8	5/16	1/2	1/8	7878123
9/64	5/16	9/16	1/8	7878127
5/32	5/16	9/16	1/8	7878133
11/64	5/16	9/16	1/8	7878139
3/16	5/16	9/16	1/8	7878145
13/64	5/16	5/8	1/4	7878152
7/32	5/16	5/8	1/4	7878157
15/64	5/16	5/8	1/4	7878161
1/4	5/16	5/8	1/4	7878165
9/32	5/16	5/8	1/4	7878168
5/16	5/16	3/4	1/4	7878169
3/8	5/16	3/4	1/4	7878170

### TS10CO

- Fractional
- Short Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
3/32	9/16	1"	1/4	7878172
7/64	9/16	1"	1/4	7878178
1/8	9/16	1"	1/4	7878184
9/64	9/16	1 1/4	1/4	7878188
5/32	9/16	1 1/4	1/4	7878194
11/64	9/16	1 1/4	1/4	7878200
3/16	9/16	1 1/4	1/4	7878206
13/64	9/16	1 1/4	5/16	7878213
7/32	9/16	1 1/4	5/16	7878218
15/64	9/16	1 1/4	5/16	7878222
1/4	9/16	1 1/4	5/16	7878226
9/32	9/16	1 1/4	5/16	7878229
5/16	9/16	1 1/4	5/16	7878230
3/8	9/16	1 1/4	5/16	7878231

### TS51CO

- Fractional
- Long Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
3/32	7/8	2 1/8	1/4	7878233
7/64	7/8	2 1/8	1/4	7878239
1/8	7/8	2 1/8	1/4	7878245
9/64	1 1/8	2 1/8	1/4	7878249
5/32	1 1/8	2 1/8	1/4	7878255
11/64	1 1/8	2 1/8	1/4	7878261
3/16	1 1/8	2 1/8	1/4	7878267
13/64	1 1/8	2 1/8	5/16	7878274
7/32	1 1/8	2 1/8	5/16	7878279
15/64	1 1/8	2 1/8	5/16	7878283
1/4	1 1/8	2 1/8	5/16	7878287
9/32	1 1/8	2 1/8	5/16	7878290
5/16	1 1/8	2 1/8	5/16	7878291
3/8	1 1/8	2 1/8	5/16	7878292

### TS42CO

- Letter Size
- Stub Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
A	5/16	5/8	1/4	7878160
B	5/16	5/8	1/4	7878162
C	5/16	5/8	1/4	7878163
D	5/16	5/8	1/4	7878164
F	5/16	5/8	1/4	7878166
G	5/16	5/8	1/4	7878167

### TS15CO

- Letter Size
- Short Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
A	9/16	1 1/4	5/16	7878221
B	9/16	1 1/4	5/16	7878223
C	9/16	1 1/4	5/16	7878224
D	9/16	1 1/4	5/16	7878225
F	9/16	1 1/4	5/16	7878227
G	9/16	1 1/4	5/16	7878228

### TS55CO

- Letter Size
- Long Length



Diameter Number	Flute Length	Length	Length of Square Flat	EDP #
A	1 1/8	2 1/8	5/16	7878079
B	1 1/8	2 1/8	5/16	7878081
C	1 1/8	2 1/8	5/16	7878082
D	1 1/8	2 1/8	5/16	7878083
F	1 1/8	2 1/8	5/16	7878085
G	1 1/8	2 1/8	5/16	7878086