



## Multi-Diameter Step Drills

High Speed Steel & TiN Coated



Diameter (mm)	Capacity (mm)	L (mm)	H (mm)	d (mm)	HSS Series 470	TiN Coated Series 475
					Code	Code
12	4, 5, 6, 7, 8, 9, 10, 11, 12	79	5	6	754704	754710
20	4, 6, 8, 10, 12, 14, 16, 18, 20	67	3	8	754705	754711
30	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30	100	4	10	754706	754712
32.5	5, 7.5, 9.7, 12.7, 15.2, 16.2, 18.6, 20.4, 22.5, 25.4, 28.3, 30.5, 32.5	78	4	10	754707	754713
38	6, 9, 13, 16, 19, 21, 23, 26, 29, 32, 35, 38	100	4	10	754708	754714
SETS – 3 Pieces – 12, 20 & 30 mm Diameters					754709	754715

## Spade Drills

Solid Carbide



- For use on thin sheet applications and shallow hole drilling

Size (Inch)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Code	Size (Inch)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Code
1/32	0.0313	3/16	1-1/2	952000	9/32	0.2812	3/4	2-1/2	952016
1/16	0.0625	5/16	1-1/2	952002	5/16	0.3125	7/8	2-1/2	952018
3/32	0.0938	7/16	1-1/2	952004	11/32	0.3438	15/16	2-1/2	952020
1/8	0.1250	7/16	1-1/2	952006	3/8	0.3750	1	2-1/2	952022
5/32	0.1562	15/32	2	952008	13/32	0.4062	1	2-1/2	952024
3/16	0.1875	9/16	2	952010	7/16	0.4375	1-1/16	2-1/2	952026
7/32	0.2188	19/32	2	952012	15/32	0.4688	1-1/8	2-1/2	952028
1/4	0.2500	11/16	2	952014	1/2	0.5000	1-1/8	2-1/2	952030

## Drill Blanks



- Made from high speed steel
- Hardened (63-65 HRC) and ground
- Can be used as punches, gages, pins or ground for special tools

#80 to Letter H – 12 pieces per package  
 Letter "I" to 1/2" – 6 pieces per package  
 3/64 to 1" – 1 piece per package  
 Please order in package quantity

Tolerance	
Up to 1/2"	1/2" to 1"
+0.0000"/-0.0003"	+0.0000"/-0.0005"

## High Speed Steel – Fractional Sizes

Size (Inch)	Decimal Equivalent (Inch)	Overall Length (Inch)	Code	Size (Inch)	Decimal Equivalent (Inch)	Overall Length (Inch)	Code	Size (Inch)	Decimal Equivalent (Inch)	Overall Length (Inch)	Code
1/64	0.0156	3/4	219300	7/64	0.1094	2-5/8	219306	13/64	0.2031	3-5/8	219312
1/32	0.0312	1-3/8	219301	1/8	0.1250	2-3/4	219307	7/32	0.2188	3-3/4	219313
3/64	0.0469	1-3/4	219302	9/64	0.1406	2-7/8	219308	15/64	0.2344	3-7/8	219314
1/16	0.0625	1-7/8	219303	5/32	0.1562	3-1/8	219309	1/4	0.2500	4	219315
5/64	0.0781	2	219304	11/64	0.1719	3-1/4	219310	17/64	0.2656	4-1/8	219316
3/32	0.0938	2-1/4	219305	3/16	0.1875	3-1/2	219311	9/32	0.2812	4-1/4	219317