

Specialty Tools

STEP DRILLS



TYPE B78-AG 3-FLATTED SHANK

Part#	Size	Hole Sizes	No. Range	Shank Size	Step Increments	Step Thickness
45401	1	13	1/8 - 1/2	1/4	1/32	1/8
45441	2	8	9/16 - 1"	3/8	1/16	5/32
45431	3	9	1/4 - 3/4	3/8	1/16	5/32
45411	4	6	3/16 - 1/2	1/4	1/16	3/8
45481	7	11	1/4 - 7/8	3/8	1/16	1/16
45421	8	12	3/16 - 7/8	3/8	1/16	1/8
44501	9	3	7/8 - 1-7/32	3/8	7/8	----
45471	11	2	7/8 - 1-1/8	3/8	27/64	9/64
45461	12	10	1/4 - 1-3/8	3/8	1/8	*SEE NOTE
45491	1/4 A	16	1/4 - 1-1/8	3/8	1/16	1/16
45451	13/16	10	13/16 - 1-3/8	1/2	1/32	5/32

NOTE:

Part No. 45461 3/16 steps at 7/8, 1-1/8 & -3/8 for conduit knock-outs.

TYPE 78-AG STEP DRILLS - SETS

- 01911 1/8 - 1/2, 3/16 - 1/2, & 1/4 - 3/4 (#1,#4,#9)
- 01921 1/8 - 1/2, 3/16 - 1/2, & 3/16 - 7/8 (#1,#4,#9)
- 01931 1/8 - 1/2, 3/16 - 1/2, 7/8 & 1-1/8 (#1,#4,#11)
- 01941 1/8 - 1/2, 3/16 - 1/2, & 9/16 - 1 (#1,#4,#2)

Note: Part # 45461 Extra length steps at 7/8, 1-1/8 & 1-3/8 for conduit knock-outs.

Type 78-AG 3-Flatted Shank - Blister pak

Type 78-QR - Quick Release

Type 78-AGN - TiN Coated - Blister pak

Ultra Bit™ Multi-Diameter 3-Flats on Shank

- Special Axial and Radial flute design speed work piece penetration.
- Dual flute construction drills clean accurate holes in thin materials, quickly and easily.
- Use for all thin metals, rigid plastics, wood or composite materials with a thickness equal to or less than the step thickness.
- 135° split point self centers and easily starts with no pilot hole required.
- **Made in the U.S.A.**

Quick Release 1/4" Hex Shank



TYPE 78-QR HEX SHANK STEP DRILLS

Part#	Size	Hole Sizes	No. Range	Shank Size	Step Increments	Step Thickness
01401	1	13	1/8 - 1/2"	1/4"	1/32"	1/8"
01402	4	6	3/16 - 1/2"	1/4"	1/16"	3/8"
01403	8	12	3/16 - 7/8"	1/4"	1/16"	1/8"
01404	3	9	1/4 - 3/4	1/4"	1/16"	5/32"
01409	11	2	7/8 - 1-1/8"	1/4"	27/64"	9/64"
01412	7	11	1/4 - 7/8"	1/4"	1/16"	1/16"
01413	1/4 A	16	1/4 - 1-1/8"	1/4"	1/16"	1/16"

TYPE 78-QR STEP DRILLS - SETS

- 01441 1/8 - 1/2, 3/16 - 1/2, & 3/16 - 7/8 (#1,#4,#8)
- 01451 1/8 - 1/2, 3/16 - 1/2, & 1/4 - 3/4 (#1,#4,#9)
- 01461 1/8 - 1/2, 3/16 - 1/2, 7/8 & 1-1/8 (#1,#4,#11)



TiN coating for lubricity, abrasion extended tool life.

TYPE B78-AGN TiN COATED

Part#	Size	Hole Sizes	No. Range	Shank Size	Step Increments	Step Thickness
45701	1	13	1/8 - 1/2	1/4	1/32	1/8
45751	2	8	9/16 - 1"	3/8	1/16	5/32
45731	3	9	1/4 - 3/4	3/8	1/16	5/32
45711	4	6	3/16 - 1/2	1/4	1/16	3/8
45741	7	11	1/4 - 7/8	3/8	1/16	1/16
45721	8	12	3/16 - 7/8	3/8	1/16	1/8
45771	11	2	7/8 - 1-1/8	3/8	27/64	9/64
45791	12	10	1/4 - 1-3/8	3/8	1/8	*SEE NOTE
45781	1/4 A	16	1/4 - 1-1/8	3/8	1/16	1/16
45761	13/16	10	13/16 - 1-3/8	1/2	1/32	5/32

NOTE:

Part No. 45791 3/16 steps at 1/4, 1-1/8 & -3/8 for conduit knock-outs

TYPE 78-AGN TiN COATED - SETS

- 01811 1/8 - 1/2, 3/16 - 1/2, & 1/4 - 3/4 (#1,#4,#8)
- 01821 1/8 - 1/2, 3/16 - 1/2, & 3/16 - 7/8 (#1,#4,#9)
- 01831 1/8 - 1/2, 3/16 - 1/2, 7/8 & 1-1/8 (#1,#4,#11)
- 01841 1/8 - 1/2, 3/16 - 1/2, & 9/16 - 1" (#1,#4,#2)