

Combined Drills and Countersinks

High Speed Steel — Bright Finish
60° Included Angle

Often called “center drills”, Designed for drilling center holes in the ends of work pieces to be held between standard 60° centers. **Bell Type** features an additional 120° chamfer at the body diameter to form a protected 60° center hole.

STANDARD PACKAGE	Plain Type & Bell Type	Long Plain Type
	All Sizes — 6 each	1 thru 3 — 6 each 4 thru 8 — 1 each

List No. 1495 Plain Type

SIZE	DRILL DIA.	BODY DIA.	OAL	EDP NO.
3/0	.020	1/8	1 1/4	25049
2/0	.025	1/8	1 1/4	25050
0	1/32	1/8	1 1/4	25051
1	3/64	1/8	1 1/4	25041
2	5/64	3/16	1 7/8	25042
3	7/64	1/4	2	25043
4	1/8	5/16	2 1/8	25044
4 1/2	9/64	3/8	2 1/2	25052
5	3/16	7/16	2 3/4	25045
6	7/32	1/2	3	25046
7	1/4	5/8	3 1/4	25047
8	5/16	3/4	3 1/2	25048

List No. 1499 Long Plain Type

SIZE	DRILL DIA.	BODY DIA.	OAL	EDP NO.
1	3/64	1/8	3	25010
1	3/64	1/8	4	25011
1	3/64	1/8	5	25036
1	3/64	1/8	6	25037
2	5/64	3/16	3	25027
2	5/64	3/16	4	25012
2	5/64	3/16	5	25013
2	5/64	3/16	6	25028
3	7/64	1/4	3	25029
3	7/64	1/4	4	25014
3	7/64	1/4	5	25015
3	7/64	1/4	6	25030
4	1/8	5/16	4	25016
4	1/8	5/16	5	25017
4	1/8	5/16	6	25018
4 1/2	9/64	3/8	4	25032
4 1/2	9/64	3/8	5	25033
4 1/2	9/64	3/8	6	25034
5	3/16	7/16	4	25035
5	3/16	7/16	5	25019
5	3/16	7/16	6	25020
6	7/32	1/2	5	25021
6	7/32	1/2	6	25022
7	1/4	5/8	6	25023
8	5/16	3/4	6	25024

Foret-fraise Combinación de broca y avellanador



List No. 1495 Plain Type



List No. 1498 Bell Type



List No. 1499 Long Plain Type

List No. 1498 Bell Type

SIZE	DRILL DIA.	BODY DIA.	OAL	EDP NO.
11	3/64	1/8	1 1/4	25081
12	1/16	3/16	1 7/8	25082
13	3/32	1/4	2	25083
14	7/64	5/16	2 1/8	25084
15	5/32	7/16	2 3/4	25085
16	3/16	1/2	3	25086
17	7/32	5/8	3 1/4	25087
18	1/4	3/4	3 1/2	25088

Tool Coatings Also Available

Foret-fraise Combinación de broca y avellanador

Combined Drill and Countersink Set

High Speed Steel

Includes Nos. 1, 2, 3, 4, and 5, Style 1495, Plain Type



List No. 8500

SIZE RANGE	SET NO.	EDP NO.
1-5	51H	25059

Solid Carbide Combined Drills and Countersinks

Foret-fraise au carbure

Combinación de broca y avellanador de carburo

Plain Type

60°, 82° & 90° Included Angle

Solid Carbide offers excellent wear resistance, heat resistance and rigidity. Recommended for abrasive materials, difficult-to-drill materials and increased tool life in production applications.



List No. 5495 — Standard Length



List No. 5495 — Long Length

STANDARD PACKAGE All sizes — 1 each

Standard Length

SIZE	DRILL DIA.	BODY DIA.	OAL	60° INCL. ANGLE EDP NO.	82° INCL. ANGLE EDP NO.	90° INCL. ANGLE EDP NO.
00	.025	1/8	1-1/2	53899	53909	53919
0	1/32	1/8	1-1/2	53900	53910	53920
1	3/64	1/8	1-1/2	53901	53911	53921
2	5/64	3/16	1-7/8	53902	53912	53922
3	7/64	1/4	2	53903	53913	53923
4	1/8	5/16	2-1/8	53904	53914	53924
5	3/16	7/16	2-3/4	53905	53915	53925
6	7/32	1/2	3	53906	53916	53926
7	1/4	5/8	3-1/4	53907	53917	53927
8	5/16	3/4	3-1/2	53908	53918	53928

Long Length

SIZE	DRILL DIA.	BODY DIA.	OAL	60° INCL. ANGLE EDP NO.
1	3/64	1/8	4	53929
2	5/64	3/16	4	53930
3	7/64	1/4	4	53931
4	1/8	5/16	4	53932
5	3/16	7/16	6	53933
6	7/32	1/2	6	53934
7	1/4	5/8	6	53935
8	5/16	3/4	6	53936

Tool Coatings
Also Available

MACHINING APPLICATION SOLUTIONS

High Performance Tools

Premium grade cutting tools specially designed for tougher machining and production applications where optimal tool performance and longer tool life is a requirement.

- High Performance Tools
- Production Tools
- Special Application Tools

Production Tools

A full range of high speed steel, cobalt, carbide tipped and solid carbide cutting tools designed for consistent performance in production applications.

Special Application Tools

When your application requires special custom designed cutting tools.

Engineered cutting tools optimized for lower overall machining costs.