











08

TOOLING



How to choose the right drill bit

For drilling holes smaller than 1/2 in.⁽¹⁾

Power tool	Material to drill	Thickness of mat. ⁽²⁾	Required drill bit	Products	Why?
Drill press, magnetic drilling unit, automated drilling machine 	Mild steel	< 1/2"	SST+ 135° Stub Round Shank		Strongest drill bit, won't break if you get stuck.
		> 1/2"	SST+ 135° Jobbers Round Shank		Most effective in thick material, won't break if you get stuck.
	High tensile steel	< 1/2"	SST+ 135° Stub Round Shank		Strongest drill bit, won't break if you get stuck.
		> 1/2"	SST+ 135° Jobbers Round Shank		Most effective in thick material, won't break if you get stuck.
Hand held power tool 	Mild steel	< 1/2"	SST+ 135° Stub Quick Shank		Best grip on your power tool, allows you to drill fast and precise.
		> 1/2"	SST 118° Jobbers Quick Shank		Best grip for hand held tools, Allows you to drill fast and precise.
	High tensile steel	< 1/2"	SST+ 135° Stub Quick Shank		Best grip on your power tool, allows you to drill fast and precise.
		> 1/2"	SST+ 135° 3/8" Reduced Shank		Most effective in thick material, won't break if you get stuck.

(1) For drilling bigger holes, use a reduced shank or a Prentice drill bit.

(2) For best performance, never drill a hole deeper than 1/2 the length of the drill bit's fluting

All Walter drill bits feature:

- Special HSS M35 with cobalt blend (HSS+Co) for premium life and performance
- High flow spiral and chisel edge design to maximize chip evacuation
- Proven SST heat and surface treatment to reduce friction and increase the chip flow
- Heavy-duty, fully ground body construction
- Self-centering split point allowing you to drill any size of hole in a single operation and prevents the "walking effect" on curved surfaces

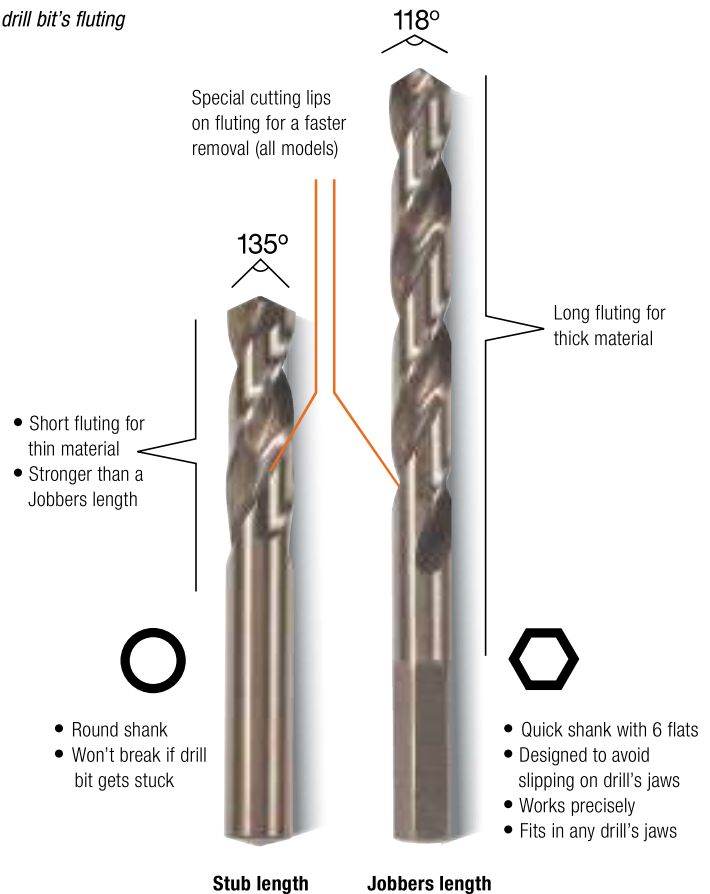
Drill more holes... faster!

Tech tip!

Three ways to maximize drilling efficiency:

- Use the correct feed rate
- Use the correct RPM speed
- Use Walter's COOLCUT lubricant stick

Order No.: 53-B 013



SST™ 118° JOBBERS LENGTH FRACTIONAL

Quick shank drill bits

For hand held tools in mild steel

The proven original SST™ drill bit, made with M35 cobalt blend, is designed with an exclusive quick shank that ensures fast and secure tightening inside any keyed or keyless chucks. Ideal for cordless drills, allowing you to drill more holes per charge. Recommended for drilling on any type of thin gauge metal or sheet metal where a jobber's length bit is required. Ability to drill through multiple layers of metal quickly and easily.

- ▷ Unique shank design with six long flats
- ▷ Self-centering 118° split point geometry
- ▷ Proven SST heat and surface treatment
- ▷ Back tapered body
- ▷ Heavy-duty HSS+Co body construction



NOW AVAILABLE INDIVIDUALLY

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.	Available individually Order No.
1/16"	3/16"	13/16"	01-A 004	10	100	01-A 004A
5/64"	15/16"	1 15/16"	01-A 005	10	100	01-A 005A
3/32"	1 3/16"	2 1/4"	01-A 006	10	100	01-A 006A
7/64"	1 5/16"	2 3/8"	01-A 007	10	100	01-A 007A
1/8"	1 7/16"	2 9/16"	01-A 008	10	100	01-A 008A
9/64"	1 9/16"	2 3/4"	01-A 009	10	100	01-A 009A
5/32"	1 11/16"	2 15/16"	01-A 010	10	100	01-A 010A
11/64"	1 7/8"	3 1/8"	01-A 011	10	100	01-A 011A
3/16"	2 1/16"	3 3/8"	01-A 012	10	100	01-A 012A
13/64"	2 1/16"	3 3/8"	01-A 013	10	100	01-A 013A
7/32"	2 1/4"	3 11/16"	01-A 014	10	100	01-A 014A
15/64"	2 1/4"	3 11/16"	01-A 015	10	100	01-A 015A
1/4"	2 1/2"	4"	01-A 016	10	100	01-A 016A
17/64"	2 11/16"	4 5/8"	01-A 017	10	100	01-A 017A
9/32"	2 11/16"	4 5/8"	01-A 018	10	100	01-A 018A
19/64"	2 15/16"	4 5/8"	01-A 019	10	100	01-A 019A
5/16"	2 15/16"	4 5/8"	01-A 020	10	100	01-A 020A
21/64"	2 15/16"	4 5/8"	01-A 021	10	100	01-A 021A
11/32"	3 3/16"	4 15/16"	01-A 022	10	100	01-A 022A
23/64"	3 3/16"	4 15/16"	01-A 023	10	100	01-A 023A
3/8"	3 7/16"	5 1/4"	01-A 024	10	100	01-A 024A
25/64"	3 7/16"	5 1/4"	01-A 025	5	50	01-A 025A
13/32"	3 7/16"	5 1/4"	01-A 026	5	50	01-A 026A
27/64"	3 11/16"	5 9/16"	01-A 027	5	50	01-A 027A
7/16"	3 11/16"	5 9/16"	01-A 028	5	50	01-A 028A
29/64"	3 11/16"	5 9/16"	01-A 029	5	50	01-A 029A
15/32"	4"	5 15/16"	01-A 030	5	50	01-A 030A
31/64"	4"	5 15/16"	01-A 031	5	50	01-A 031A
1/2"	4"	5 15/16"	01-A 032	5	50	01-A 032A

Packaged in reusable plastic boxes. Sizes 11/64" and smaller have a round shank.



SHOCK-RESISTANT, EXTRA-THICK POLYETHYLENE DRILL BIT CARRYING CASE

1/16" to 1/2" by 64^{ths}
29 drill bits
Order No. 01-E 118



1/16" to 1/2" by 64^{ths}
29 Jobbers Length drill bits
Order No. 01-E 178

Tech tip!

For increased cutting efficiency and tool life, use COOLCUT solid stick lubricant.

Order No.: 53-B 013



Video available at The Walter Network
www.youtube.com/user/TheWalterNetwork

SST+™ 135° JOBBERS LENGTH FRACTIONAL Round shank drill bits

For high tensile steel

Walter SST+™ drill bits are made from M35 cobalt blend to drill even more holes faster on any type of material.



Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/64"	3/16"	19/16"	01-A 501	10	100
1/32"	3/8"	1 3/16"	01-A 502	10	100
3/64"	5/8"	1 1/2"	01-A 503	10	100
1/16"	13/16"	1 11/16"	01-A 504	10	100
5/64"	15/16"	1 15/16"	01-A 505	10	100
3/32"	1 3/16"	2 1/4"	01-A 506	10	100
7/64"	1 5/16"	2 3/8"	01-A 507	10	100
1/8"	1 7/16"	2 9/16"	01-A 508	10	100
9/64"	1 9/16"	2 3/4"	01-A 509	10	100
5/32"	1 11/16"	2 15/16"	01-A 510	10	100
11/64"	1 7/8"	3 1/8"	01-A 511	10	100
3/16"	2 1/16"	3 3/8"	01-A 512	10	100
19/64"	2 1/16"	3 3/8"	01-A 513	10	100
7/32"	2 1/4"	3 11/16"	01-A 514	10	100
15/64"	2 1/4"	3 11/16"	01-A 515	10	100
1/4"	2 1/2"	4"	01-A 516	10	100
17/64"	2 11/16"	4 5/16"	01-A 517	10	100
9/32"	2 11/16"	4 5/16"	01-A 518	10	100
19/64"	2 15/16"	4 5/8"	01-A 519	10	100
5/16"	2 15/16"	4 5/8"	01-A 520	10	100
21/64"	2 15/16"	4 5/8"	01-A 521	10	100
11/32"	3 3/16"	4 15/16"	01-A 522	10	100
23/64"	3 3/16"	4 15/16"	01-A 523	10	100
3/8"	3 7/16"	5 1/4"	01-A 524	10	100
25/64"	3 7/16"	5 1/4"	01-A 525	5	50
13/32"	3 7/16"	5 1/4"	01-A 526	5	50
27/64"	3 11/16"	5 9/16"	01-A 527	5	50
7/16"	3 11/16"	5 9/16"	01-A 528	5	50
29/64"	3 11/16"	5 9/16"	01-A 529	5	50
15/32"	4"	5 15/16"	01-A 530	5	50
31/64"	4"	5 15/16"	01-A 531	5	50
1/2"	4"	5 15/16"	01-A 532	5	50

Packaged in reusable plastic packaging.
Sizes 3/64" and smaller have a regular point.



- ▷ Self-centering 135° split point geometry
- ▷ Proven SST heat and surface treatment
- ▷ Heavy-duty HSS+Co body construction
- ▷ High flow flute design

SHOCK-RESISTANT, EXTRA-THICK POLYETHYLENE DRILL BIT CARRYING CASE

1/16" to 1/2" by 64^{ths}
29 drill bits
Order No. 01-E 618



1/16" to 1/2" by 64^{ths}
29 Jobbers Length drill bits
Order No. 01-E 678

- ▷ Refillable
- ▷ Protects drill bits from water, rust, oil and other contaminants
- ▷ Quick-release belt clip

SST+™ 135° JOBBERS LENGTH METRIC AND LETTER SIZES

Round shank drill bits

For high tensile steel

Walter has a substantial offering of metric and letter size SST+™ twist drill bits so professionals across a wide range of industries can enjoy the same quality and performance our fractional drill bits are known for.



METRIC SIZES

Drill Size (mm)	Flute length (mm)	Overall Length (mm)	Order No.	Std. Pkg.	Std. Ctn.
1.00 mm	12 mm	34 mm	01-D 510	10	100
1.50 mm	20 mm	43 mm	01-D 515	10	100
2.00 mm	24 mm	49 mm	01-D 520	10	100
2.50 mm	30 mm	57 mm	01-D 525	10	100
3.00 mm	33 mm	61 mm	01-D 530	10	100
3.30 mm	36 mm	65 mm	01-D 533	10	100
3.50 mm	39 mm	70 mm	01-D 535	10	100
4.00 mm	43 mm	75 mm	01-D 540	10	100
4.20 mm	43 mm	75 mm	01-D 542	10	100
4.50 mm	47 mm	80 mm	01-D 545	10	100
5.00 mm	52 mm	86 mm	01-D 550	10	100
5.50 mm	57 mm	93 mm	01-D 555	10	100
6.00 mm	57 mm	93 mm	01-D 560	10	100
6.50 mm	63 mm	101 mm	01-D 565	10	100
6.70 mm	63 mm	101 mm	01-D 567	10	100
7.00 mm	69 mm	109 mm	01-D 570	10	100
7.50 mm	69 mm	109 mm	01-D 575	10	100
8.00 mm	75 mm	117 mm	01-D 580	10	100
8.50 mm	75 mm	117 mm	01-D 585	10	100
9.00 mm	81 mm	125 mm	01-D 590	10	100
9.50 mm	81 mm	125 mm	01-D 595	10	100
10.00 mm	87 mm	133 mm	01-D 600	5	50
10.20 mm	87 mm	133 mm	01-D 602	5	50
10.50 mm	87 mm	133 mm	01-D 605	5	50
11.00 mm	94 mm	142 mm	01-D 610	5	50
11.50 mm	94 mm	142 mm	01-D 615	5	50
12.00 mm	101 mm	151 mm	01-D 620	5	50
12.50 mm	101 mm	151 mm	01-D 625	5	50
13.00 mm	101 mm	151 mm	01-D 630	5	50

Packaged in reusable plastic packaging.

LETTER SIZES

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
F	2 ½"	4"	01-C 506	10	100
I	2 ¾"	4 ¼"	01-C 509	10	100
Q	3"	4 ⅝"	01-C 517	10	100
U	3 ⅜"	4 ⅞"	01-C 521	10	100

Packaged in reusable plastic packaging.

SST+™ 135° JOBBERS LENGTH WIRE GAUGE Round shank drill bits

For high tensile steel

Our SST+ twist drill bits are also available in wire gauge sizes commonly used by electricians and electrical contractors.



Packaged in reusable plastic packaging.

Sizes #53 to #60 have a regular point.

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1	2 1/4"	3 11/16"	01-B 501	10	100
2	2 1/4"	3 11/16"	01-B 502	10	100
3	2 1/4"	3 11/16"	01-B 503	10	100
4	2 1/16"	3 3/8"	01-B 504	10	100
5	2 1/16"	3 3/8"	01-B 505	10	100
6	2 1/16"	3 3/8"	01-B 506	10	100
7	2 1/16"	3 3/8"	01-B 507	10	100
8	2 1/16"	3 3/8"	01-B 508	10	100
9	2 1/16"	3 3/8"	01-B 509	10	100
10	2 1/16"	3 3/8"	01-B 510	10	100
11	2 1/16"	3 3/8"	01-B 511	10	100
12	2 1/16"	3 3/8"	01-B 512	10	100
13	1 7/8"	3 1/8"	01-B 513	10	100
14	1 7/8"	3 1/8"	01-B 514	10	100
15	1 7/8"	3 1/8"	01-B 515	10	100
16	1 7/8"	3 1/8"	01-B 516	10	100
17	1 7/8"	3 1/8"	01-B 517	10	100
18	1 7/8"	3 1/8"	01-B 518	10	100
19	1 11/16"	2 15/16"	01-B 519	10	100
20	1 11/16"	2 15/16"	01-B 520	10	100
21	1 11/16"	2 15/16"	01-B 521	10	100
22	1 11/16"	2 15/16"	01-B 522	10	100
23	1 11/16"	2 15/16"	01-B 523	10	100
24	1 11/16"	2 15/16"	01-B 524	10	100
25	1 11/16"	2 15/16"	01-B 525	10	100
26	1 9/16"	2 3/4"	01-B 526	10	100
27	1 9/16"	2 3/4"	01-B 527	10	100
28	1 9/16"	2 3/4"	01-B 528	10	100
29	1 9/16"	2 3/4"	01-B 529	10	100
30	1 7/8"	2 9/16"	01-B 530	10	100
31	1 5/16"	2 3/8"	01-B 531	10	100
32	1 5/16"	2 3/8"	01-B 532	10	100
33	1 5/16"	2 3/8"	01-B 533	10	100
34	1 5/16"	2 3/8"	01-B 534	10	100
35	1 5/16"	2 3/8"	01-B 535	10	100
36	1 5/16"	2 3/8"	01-B 536	10	100
37	1 3/16"	2 1/4"	01-B 537	10	100
38	1 3/16"	2 1/4"	01-B 538	10	100
39	1 3/16"	2 1/4"	01-B 539	10	100
40	1 3/16"	2 1/4"	01-B 540	10	100
41	1 3/16"	2 1/4"	01-B 541	10	100
42	1 3/16"	2 1/4"	01-B 542	10	100
43	1 1/16"	2 1/16"	01-B 543	10	100
44	1 1/16"	1 15/16"	01-B 544	10	100
45	15/16"	1 15/16"	01-B 545	10	100
46	15/16"	1 15/16"	01-B 546	10	100
47	15/16"	1 15/16"	01-B 547	10	100
48	7/8"	1 13/16"	01-B 548	10	100
49	7/8"	1 13/16"	01-B 549	10	100
50	7/8"	1 13/16"	01-B 550	10	100
51	19/16"	1 11/16"	01-B 551	10	100
52	19/16"	1 11/16"	01-B 552	10	100
53	11/16"	1 9/16"	01-B 553	10	100
54	11/16"	1 9/16"	01-B 554	10	100
55	5/8"	1 1/2"	01-B 555	10	100
56	5/8"	1 1/2"	01-B 556	10	100
57	9/16"	1 7/16"	01-B 557	10	100
58	1/2"	1 5/16"	01-B 558	10	100
59	1/2"	1 5/16"	01-B 559	10	100
60	1/2"	1 5/16"	01-B 560	10	100

SST+™ 135° DOUBLE-ENDED FRACTIONAL AND RIVET SIZES

Round shank stub drill bits

For thin gauge and sheet metal

The most effective double-ended drill bit available that can allow you to drill hundreds of holes faster than anyone else.

The state of the art cobalt blend provides these drill bits an unparalleled lifespan that would make any black oxide competitors blush.

Even if you want to drill a hole into sheet metal, thin material, for automotive or aerospace purposes, for a rivet hole or simply to double the life of your current stub length drill bit.



FRACTIONAL SIZES

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/16"	23/64"	1 1/2"	01-K 004	10	100
5/64"	23/64"	1 1/2"	01-K 005	10	100
3/32"	25/64"	1 11/16"	01-K 006	10	100
7/64"	7/16"	1 13/16"	01-K 007	10	100
1/8"	15/32"	1 59/64"	01-K 008	10	100
9/64"	35/64"	2 3/64"	01-K 009	10	100
5/32"	35/64"	2 11/64"	01-K 010	10	100
11/64"	5/8"	2 9/32"	01-K 011	10	100
3/16"	11/16"	2 7/16"	01-K 012	10	100
13/64"	11/16"	2 7/16"	01-K 013	10	100
7/32"	3/4"	2 19/32"	01-K 014	10	100
15/64"	3/4"	2 19/32"	01-K 015	10	100
1/4"	53/64"	2 3/4"	01-K 016	10	100

CORRESPONDING RIVET SIZES

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
#51	25/64"	1 11/16"	01-K 151	10	100
#40	7/16"	1 13/16"	01-K 140	10	100
#30	35/64"	2 3/64"	01-K 130	10	100
#20	5/8"	2 9/32"	01-K 120	10	100
#10	11/16"	2 7/16"	01-K 110	10	100
#1	3/4"	2 19/32"	01-K 101	10	100
F	1 7/64"	4 1/64"	01-K 206	10	100

- ▷ Self-centering 135° split point geometry
- ▷ Special bronze SST surface treatment
- ▷ Heavy-duty fully ground body construction
- ▷ High flow flute design
- ▷ Double-ended design provides twice the life and quicker change outs compared to traditional drill bits



SST+™ 135° STUB LENGTH FRACTIONAL

Quick shank drill bits

For thin gauge material and sheet metal

Excellent for drilling into sheet metal and other thin-walled material. The 135° split point prevents center-punching and its short length helps prevent breakage, making it an ideal option for drilling in confined spaces.



- ▷ Self-centering 135° split point geometry
- ▷ Special bronze SST surface treatment
- ▷ Heavy-duty fully ground body construction
- ▷ High flow flute design
- ▷ Unique shank design with six long flats to provide a better grip for cordless and corded power tools

Tech tip!

Remember this rule:

Small diameter bits = High speed, low feed

Large diameter bits = Low speed, high feed

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/16"	3/8"	1 5/16"	01-H 104	10	100
5/64"	1/2"	1 1/2"	01-H 105	10	100
3/32"	9/16"	1 11/16"	01-H 106	10	100
7/64"	5/8"	1 13/16"	01-H 107	10	100
1/8"	11/16"	1 15/16"	01-H 108	10	100
9/64"	19/16"	2 1/16"	01-H 109	10	100
5/32"	7/8"	2 3/16"	01-H 110	10	100
11/64"	15/16"	2 5/16"	01-H 111	10	100
3/16"	1"	2 7/16"	01-H 112	10	100
13/64"	1"	2 7/16"	01-H 113	10	100
7/32"	1 1/8"	2 5/8"	01-H 114	10	100
15/64"	1 1/8"	2 5/8"	01-H 115	10	100
1/4"	1 1/4"	2 3/4"	01-H 116	10	100
17/64"	1 5/16"	2 15/16"	01-H 117	10	100
9/32"	1 5/16"	2 15/16"	01-H 118	10	100
19/64"	1 5/16"	2 15/16"	01-H 119	10	100
5/16"	1 7/16"	3 1/8"	01-H 120	10	100
21/64"	1 7/16"	3 1/8"	01-H 121	10	100
11/32"	1 9/16"	3 5/16"	01-H 122	10	100
23/64"	1 9/16"	3 5/16"	01-H 123	10	100
3/8"	1 11/16"	3 1/2"	01-H 124	10	100
25/64"	1 11/16"	3 1/2"	01-H 125	5	50
13/32"	1 11/16"	3 1/2"	01-H 126	5	50
27/64"	1 7/8"	3 3/4"	01-H 127	5	50
7/16"	1 7/8"	3 3/4"	01-H 128	5	50
29/64"	1 7/8"	3 3/4"	01-H 129	5	50
15/32"	2"	4"	01-H 130	5	50
31/64"	2"	4"	01-H 131	5	50
1/2"	2"	4"	01-H 132	5	50

Packaged in reusable plastic packaging. Sizes 11/64" and smaller have a round shank.

SST+™ 135° STUB LENGTH FRACTIONAL AND WIRE GAUGE

Round shank drill bits

For thin gauge material and sheet metal

These drill bits have short flutes as well as a short overall length for maximum rigidity when drilling in sheet metal. They are made with a cobalt blend to provide a long service life in hard materials such as stainless steel.



- ▷ Produce minimal burr when drilling in sheet metal
- ▷ Self-centering 135° split point
- ▷ Heavy-duty body construction
- ▷ No center punching necessary

FRACTIONAL SIZES

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1/16"	3/8"	1 5/16"	01-H 004	10	100
5/64"	1/2"	1 1/2"	01-H 005	10	100
3/32"	9/16"	1 11/16"	01-H 006	10	100
7/64"	5/8"	1 13/16"	01-H 007	10	100
1/4"	1 1/16"	1 15/16"	01-H 008	10	100
9/64"	13/16"	2 1/16"	01-H 009	10	100
5/32"	7/8"	2 3/16"	01-H 010	10	100
11/64"	15/16"	2 5/16"	01-H 011	10	100
3/16"	1"	2 7/16"	01-H 012	10	100
13/64"	1"	2 7/16"	01-H 013	10	100
7/32"	1 1/8"	2 5/8"	01-H 014	10	100
15/64"	1 1/8"	2 5/8"	01-H 015	10	100
1/4"	1 1/4"	2 3/4"	01-H 016	10	100
17/64"	1 5/16"	2 15/16"	01-H 017	10	100
9/32"	1 5/16"	2 15/16"	01-H 018	10	100
19/64"	1 5/16"	2 15/16"	01-H 019	10	100
5/16"	1 7/16"	3 1/8"	01-H 020	10	100
21/64"	1 7/16"	3 1/8"	01-H 021	10	100
11/32"	1 9/16"	3 5/16"	01-H 022	10	100
23/64"	1 9/16"	3 5/16"	01-H 023	10	100
3/8"	1 11/16"	3 1/2"	01-H 024	10	100
25/64"	1 11/16"	3 1/2"	01-H 025	5	50
13/32"	1 11/16"	3 1/2"	01-H 026	5	50
27/64"	1 7/8"	3 3/4"	01-H 027	5	50
7/16"	1 7/8"	3 3/4"	01-H 028	5	50
29/64"	1 7/8"	3 3/4"	01-H 029	5	50
15/32"	2"	4"	01-H 030	5	50
31/64"	2"	4"	01-H 031	5	50
1/2"	2"	4"	01-H 032	5	50

Packaged in reusable plastic packaging.

WIRE GAUGE SIZES

Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
1	1 1/8"	2 5/8"	01-J 001	10	100
2	1 1/8"	2 5/8"	01-J 002	10	100
3	1 1/8"	2 5/8"	01-J 003	10	100
4	1"	2 7/16"	01-J 004	10	100
5	1"	2 7/16"	01-J 005	10	100
6	1"	2 7/16"	01-J 006	10	100
7	1"	2 7/16"	01-J 007	10	100
8	1"	2 7/16"	01-J 008	10	100
9	1"	2 7/16"	01-J 009	10	100
10	1"	2 7/16"	01-J 010	10	100
11	1"	2 7/16"	01-J 011	10	100
12	1"	2 7/16"	01-J 012	10	100
13	15/16"	2 5/16"	01-J 013	10	100
14	15/16"	2 5/16"	01-J 014	10	100
15	15/16"	2 5/16"	01-J 015	10	100
16	15/16"	2 5/16"	01-J 016	10	100
17	15/16"	2 5/16"	01-J 017	10	100
18	15/16"	2 5/16"	01-J 018	10	100
19	7/8"	2 3/16"	01-J 019	10	100
20	7/8"	2 3/16"	01-J 020	10	100
21	7/8"	2 3/16"	01-J 021	10	100
22	7/8"	2 3/16"	01-J 022	10	100
23	7/8"	2 3/16"	01-J 023	10	100
24	7/8"	2 3/16"	01-J 024	10	100
25	7/8"	2 3/16"	01-J 025	10	100
26	7/8"	2 3/16"	01-J 026	10	100
27	13/16"	2 1/16"	01-J 027	10	100
28	13/16"	2 1/16"	01-J 028	10	100
29	13/16"	2 1/16"	01-J 029	10	100
30	1 1/16"	1 15/16"	01-J 030	10	100
31	5/8"	1 13/16"	01-J 031	10	100
32	5/8"	1 13/16"	01-J 032	10	100
33	5/8"	1 13/16"	01-J 033	10	100
34	5/8"	1 13/16"	01-J 034	10	100
35	5/8"	1 13/16"	01-J 035	10	100
36	5/8"	1 13/16"	01-J 036	10	100
37	9/16"	1 11/16"	01-J 037	10	100
38	9/16"	1 11/16"	01-J 038	10	100
39	9/16"	1 11/16"	01-J 039	10	100
40	9/16"	1 11/16"	01-J 040	10	100

Packaged in reusable plastic packaging.

SST+™ 135° 3/8" REDUCED SHANK FRACTIONAL Round shank bits

For high tensile steel, fits in a 3/8" chuck

Our SST+ 3/8" reduced shank drill bits allow for the drilling of larger holes with drills that have a 3/8" chuck capacity. Their 135° self-centering split point allows for outstanding performance with much less pressure.



Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
25/64"	3 7/16"	5 1/4"	01-R 225	5	50
13/32"	3 7/16"	5 1/4"	01-R 226	5	50
27/64"	3 11/16"	5 1/2"	01-R 227	5	50
7/16"	3 11/16"	5 9/16"	01-R 228	5	50
29/64"	3 11/16"	5 9/16"	01-R 229	5	50
15/32"	4"	5 15/16"	01-R 230	5	50
31/64"	4"	5 15/16"	01-R 231	5	50
1/2"	4"	5 15/16"	01-R 232	5	50
17/32"	4 13/16"	6 5/8"	01-R 234	5	50
9/16"	4 13/16"	6 5/8"	01-R 236	5	50
5/8"	5 3/16"	7 1/8"	01-R 240	5	50

Packaged in reusable plastic packaging.

For sizes smaller than 3/64", use our jobber's length drill bits.

SST+™ 135° 1/2" PRENTICE FRACTIONAL Three flats shank drill bits

For hole diameters >1/2", fits in a 1/2" chuck

SST+ 1/2" Prentice are heavy-duty large diameter drill bits for use in portable power drills, drill presses and magnetic base drills with 1/2" chuck capacity. Their extra hard tips allow for the drilling of many more holes between re-sharpenings. They are made with a cobalt blend for unmatched life and durability



Drill Size	Flute Length	Overall Length	Order No.	Std. Pkg.	Std. Ctn.
39/64"	3 1/8"	6"	01-M 533	1	10
17/32"	3 1/8"	6"	01-M 534	1	10
35/64"	3 1/8"	6"	01-M 535	1	10
9/16"	3 1/8"	6"	01-M 536	1	10
37/64"	3 1/8"	6"	01-M 537	1	10
19/32"	3 1/8"	6"	01-M 538	1	10
39/64"	3 1/8"	6"	01-M 539	1	10
5/8"	3 1/8"	6"	01-M 540	1	10
41/64"	3 1/8"	6"	01-M 541	1	10
21/32"	3 1/8"	6"	01-M 542	1	10
43/64"	3 1/8"	6"	01-M 543	1	10
11/16"	3 1/8"	6"	01-M 544	1	10
45/64"	3 1/8"	6"	01-M 545	1	10
23/32"	3 1/8"	6"	01-M 546	1	10
47/64"	3 1/8"	6"	01-M 547	1	10

3/4"	3 1/8"	6"	01-M 548	1	10
49/64"	3 1/8"	6"	01-M 549	1	10
25/32"	3 1/8"	6"	01-M 550	1	10
51/64"	3 1/8"	6"	01-M 551	1	10
13/16"	3 1/8"	6"	01-M 552	1	10
53/64"	3 1/8"	6"	01-M 553	1	10
27/32"	3 1/8"	6"	01-M 554	1	10
55/64"	3 1/8"	6"	01-M 555	1	10
7/8"	3 1/8"	6"	01-M 556	1	10
57/64"	3 1/8"	6"	01-M 557	1	10
29/32"	3 1/8"	6"	01-M 558	1	10
59/64"	3 1/8"	6"	01-M 559	1	10
15/16"	3 1/8"	6"	01-M 560	1	10
61/64"	3 1/8"	6"	01-M 561	1	10
31/32"	3 1/8"	6"	01-M 562	1	10
63/64"	3 1/8"	6"	01-M 563	1	10
1"	3 1/8"	6"	01-M 600	1	10
1 1/16"	3 1/8"	6"	01-M 604	1	10
1 1/8"	3 1/8"	6"	01-M 608	1	10
1 3/16"	3 1/8"	6"	01-M 612	1	10
1 1/4"	3 1/8"	6"	01-M 616	1	10
1 9/16"	3 1/8"	6"	01-M 617	1	10
1 3/8"	3 1/8"	6"	01-M 618	1	10
1 7/16"	3 1/8"	6"	01-M 619	1	10
1 1/2"	3 1/8"	6"	01-M 620	1	10

Packaged in reusable plastic packaging. For sizes smaller than 39/64", use our jobber's length drill bits.

DRILL BIT SETS

Packaged in sturdy metal index containers or shock resistant, extra-thick polyethylene carrying case. Drill bit sizes are clearly marked on inside panels for easy identification and selection. The sets in metal boxes are ideal for use in a shop environment where they can be easily stored in a drawer or tool box. Sets in orange polyethylene carrying cases are an excellent option for contractors or off-site operations. They have a belt clip for ease of use and a threaded top that helps prevent the drill bits from going everywhere if the set is dropped.

Photo	Type	Sizes	Order No.	Qty Inside	Std. Pkg.	Std. Ctn.
A	SST+ 135° Jobbers length round shank, fractional	1/16" to 1/2" by 32 ^{nds}	01-E 606	15	1	10
B	SST+ 135° Jobbers length round shank, fractional	1/16" to 3/8" by 64 ^{ths}	01-E 621	21	1	10
C	SST 118° Jobbers length quick shank, fractional/polymer case	1/16" to 1/2" by 64 ^{ths}	01-E 178	29	1	10
C	SST+ 135° Jobbers length round shank, fractional/polymer case	1/16" to 1/2" by 64 ^{ths}	01-E 678	29	1	10
C	SST+ 135° 3/8" reduced shank, fractional/polymer case	1/16" to 1/2" by 64 ^{ths}	01-E 818	29	1	10
D	SST+ 135° Stub length quick shank, fractional/polymer case	1/16" to 1/2" by 64 ^{ths}	01-E 239	29	1	10
E	SST 118° Jobbers length quick shank, fractional/round case	1/16" to 1/2" by 64 ^{ths}	01-E 118	29	1	10
E	SST+ 135° Jobbers length round shank, fractional/round case	1/16" to 1/2" by 64 ^{ths}	01-E 618	29	1	10
F	SST+ 135° Jobbers length round shank, wire gauge	No. 1 to 60	01-E 619	60	1	10
G	SST+ 135° Prentice three flats, fractional	3/16" to 1" by 16 ^{ths}	01-E 708	8	1	10
H	SST+ 135° Jobbers length round shank, metric	1 to 13 mm by 0.5 mm	01-E 625	25	1	10



A
1/16" to 1/2" by 32^{nds}
15 drill bits



B
1/16" to 3/8" by 64^{ths}
21 drill bits



C
1/16" to 1/2" by 64^{ths}
29 Jobbers Length drill bits



D
1/16" to 1/2" by 64^{ths}
29 Stub Length drill bits



E
1/16" to 1/2" by 64^{ths}
29 drill bits



F
No. 1 to 60
60 wire gauge drill bits



G
3/16" to 1" by 16^{ths}
8 Prentice drill bits



H
1 to 13 mm by 0.5 mm
25 Metric drill bits



MULTI-STEP™ DRILL BITS

Now with the exclusive ICECUT coating

Multi-Step drill bits are the fastest and easiest way to enlarge holes in sheet metal and other materials up to 1/8" thick.

- ▷ *Special AlCrN coating provides additional toughness and wear resistance to prolong tooling life, even when compared to titanium based coatings such as TiN or TiAlN*
- ▷ *2 wide cylindrical flutes eliminate chip build-up for faster drilling and to produce holes with minimal vibration or distortion*
- ▷ *Each shank has three flats for easy mounting*
- ▷ *Spiral fluting is ideal to improve speed when working with cordless power tools*
- ▷ *Straight fluting is ideal to ensure you get the proper hole size without warping on corded power tools*

Type	Order No.	Type of flute	Shank Dia	Overall Length	Step qty	Step thick.	Step size	Std. Pkg.	Std. Ctn.
A	01-W 001	SPIRAL	1/4"	2 15/16"	13	1/8"	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"	1	10
B	01-W 005	SPIRAL	3/8"	3 1/4"	12	1/8"	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"	1	10
C	01-W 011	SPIRAL	3/8"	2 3/4"	9	1/8"	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	1	10
D	01-W 012	SPIRAL	3/8"	3 3/16"	10	9/64"	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8"	1	10
E	01-W 021	SPIRAL	1/4"	3 1/8"	6	3/8"	3/16", 1/4", 5/16", 3/8", 7/16", 1/2"	1	10
F	01-W 029	SPIRAL	3/8"	3 1/4"	10	1/8"	1/4", 13/32", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	1	10
A	01-W 101	STRAIGHT	1/4"	2 15/16"	13	1/8"	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"	1	10
B	01-W 105	STRAIGHT	3/8"	2 15/16"	12	1/8"	3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"	1	10
C	01-W 111	STRAIGHT	3/8"	2 3/4"	9	1/8"	1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"	1	10
D	01-W 112	STRAIGHT	3/8"	3 3/16"	10	9/64"	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8"	1	10

Packaged in reusable plastic packaging.



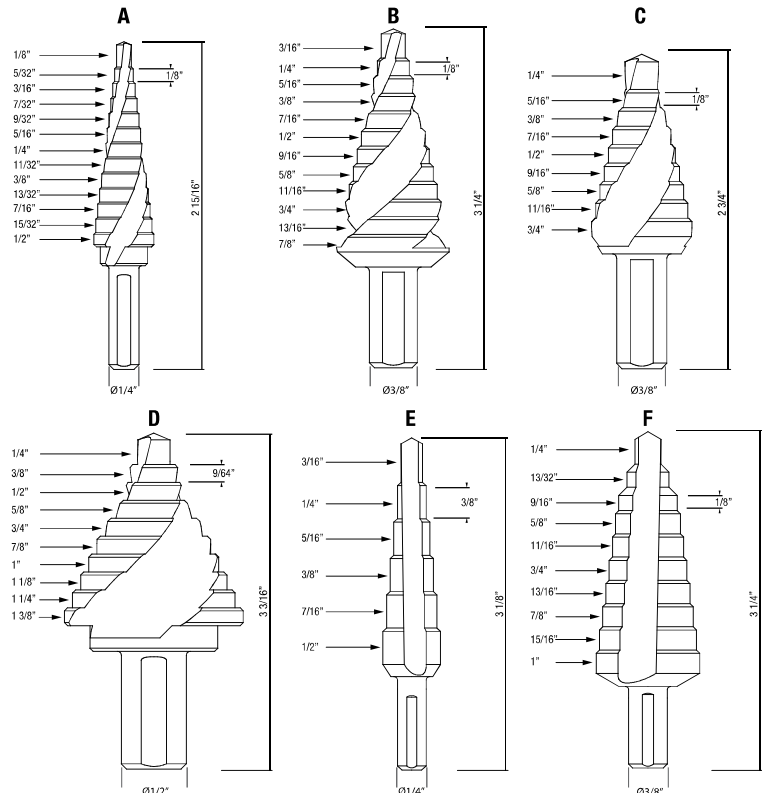
STEP DRILL SET

Contains the three Multi-Step bits needed for all hole sizes from 1 3/8".

Each kit contains:

01-W 001
01-W 005
01-W 012

Order No. 01-W 951



NEW

REAMERS

Best cutting performance, longest life

Made in the UK from premium high-speed steel, Walter reamers deliver the best cutting performance and longest life. They are the perfect tool for enlarging and aligning holes in separate pieces of metal. Tapered design enables ease of use and the shank with three flats makes use with hand-held drills hassle-free.



Dia.	Overall Length	Shank Dia.	Order No.	Std. Pkg.	Std. Ctn.
5/16"	5"	3/8"	01-P 005	1	10
3/8"	5"	3/8"	01-P 006	1	10
7/16"	5 1/4"	1/2"	01-P 007	1	10
1/2"	5 15/16"	1/2"	01-P 008	1	10
9/16"	5 15/16"	1/2"	01-P 009	1	10
5/8"	6 9/16"	1/2"	01-P 010	1	10
11/16"	7"	1/2"	01-P 011	1	10
3/4"	7"	1/2"	01-P 012	1	10
13/16"	7 1/4"	1/2"	01-P 013	1	10
7/8"	7 1/4"	1/2"	01-P 014	1	10
15/16"	7 1/4"	1/2"	01-P 015	1	10
1"	7 1/4"	1/2"	01-P 100	1	10
1 1/16"	7 1/4"	1/2"	01-P 101	1	10

REAMER SET

Reamers available in six different sizes in 1/8" increments from 3/8" diameter to 1" diameter. Walter's Reamer Kit is the perfect tooling to meet the majority of hole alignment and enlarging needs in metal pieces of all kinds.

Order No. 01-P 990

NEW

- ▷ 3/8" shank with three flats
- ▷ Reamers won't slip
- ▷ 5/16" to 1-1/16" diameter

MULTI-STEP™ REAMER

Enlarge holes easily and consistently

The new and innovative Multi-Step™ Reamer step drill makes enlarging holes easy and with consistent quality. 1/2" step thickness makes enlarging holes in sheet metal or even 1/2" metal plate a breeze. Ideal for enlarging or aligning stacked plates or pieces of metal up to a combined thickness of 1/2". Plus, the 3/8" shank with three flats makes using the Multi-Step™ Reamer step drill in drill chucks easy. Reamers won't slip! Available in three individual sizes, with five steps each, ranging from 5/16" to 1-1/16" diameter.



Order No.	Overall Length	Flute Length	Step qty	Step thick.	Step size	Std. Pkg.	Std. Ctn.
01-W 151	4 1/8"	3"	5	1/2"	5/16", 3/8", 13/32", 7/16", 1/2", 9/16"	1	10
01-W 152	4 1/4"	3 3/16"	5	1/2"	9/16", 5/8", 11/16", 3/4", 13/16"	1	10
01-W 153	4 3/8"	3 3/16"	5	1/2"	13/16", 7/8", 15/16", 1", 1 1/16"	1	10

STEP DRILL REAMER SET

The Multi-Step™ reamer step drill kit comes in three different sizes, providing only the only tools you'll need to enlarge holes in metal plates up to 1/2" thick – from 5/16" diameter all the way to 1-1/16".

Order No. 01-W 995



COUNTERSINKS

Now with the exclusive ICECUT coating

Made of M2Al to minimize vibration and maximize product life. Also features an exclusive AlCrN coating to provide greater heat resistance to further extend product life. The 82° point angle is ideal for countersinking but they can also be used for deburring and chamfering in steel, stainless steel and non-ferrous metals

- ▷ Thicker teeth for added stability
- ▷ Special coating reducing frictional heat
- ▷ Exclusive coating for optimized tool life
- ▷ Special tip geometry for a uniform chamfer



COUNTERSINKS

Dia.	Angle	Overall Length	Shank Dia.	Order No.	Std. Pkg.	Std. Ctn.
1/4"	82°	2"	3/16"	01-U 004	1	10
5/16"	82°	2"	1/4"	01-U 005	1	10
3/8"	82°	2"	5/16"	01-U 006	1	10
1/2"	82°	2"	5/16"	01-U 008	1	10
5/8"	82°	2 1/4"	3/8"	01-U 010	1	10
3/4"	82°	2 3/4"	3/8"	01-U 012	1	10
1"	82°	2 3/4"	3/8"	01-U 100	1	10

Packaged in reusable plastic packaging.

COUNTERSINKS

Dia.	Angle	Overall Length	Shank Dia.	Order No.	Std. Pkg.	Std. Ctn.
1"	82°	1 3/4"	3/4"	01-U 400	1	10
1 1/2"	82°	2"	3/4"	01-U 408	1	10
2"	82°	2 1/4"	3/4"	01-U 500	1	10

Packaged in reusable plastic packaging.



COUNTERSINK SET

Contains the four most popular countersinks (sizes 1/4", 3/8", 1/2", 3/4") and cutting lubricant. Packaged in a reclosable resistant plastic case.

Each kit contains:

- 01-U 004
- 01-U 006
- 01-U 008
- 01-U 012
- 01-U 100

Order No. 01-U 950



Tech tip!

For increased cutting efficiency and tool life, use COOLCUT solid stick lubricant

Order No.: 53-B 013

SST™ HIGH PERFORMANCE POWER TAPS

Specially designed for use on reversible portable drills, SST™ power taps are guaranteed to work faster and last longer than standard taps in steel, stainless steel and other ferrous or non-ferrous metals. SST™ power taps eliminate slow hand tapping to increase productivity and reduce overall production costs.

GUARANTEED
TO TAP FASTER
AND LAST LONGER

Tap Size	Overall Length	Drill Size	Order No.	Std. Pkg.	Std. Ctn.
6-32 NC	2 1/2"	#36	03-A 561	1	10
6-40 NF	2 1/2"	#33	03-A 564	1	10
8-32 NC	2 19/16"	#29	03-A 581	1	10
8-36 NF	2 19/16"	#29	03-A 584	1	10
10-24 NC	2 19/16"	#25	03-A 601	1	10
10-32 NF	2 19/16"	#21	03-A 604	1	10
12-24 NC	3 3/16"	#16	03-A 621	1	10
12-28 NF	3 3/16"	#15	03-A 624	1	10
1/4"-20 NC	3 3/16"	#7	03-B 541	1	10
1/4"-28 NF	3 3/16"	#3	03-B 544	1	10
5/16"-18 NC	3 11/16"	F	03-B 551	1	10
5/16"-24 NF	3 11/16"	I	03-B 554	1	10
3/8"-16 NC	4 3/32"	5/16"	03-B 561	1	10
3/8"-24 NF	4 3/32"	Q	03-B 564	1	10
7/16"-14 NC	4 3/32"	U	03-B 571	1	10
7/16"-20 NF	3 15/16"	25/64"	03-B 574	1	10
1/2"-13 NC	4 5/16"	27/64"	03-B 581	1	10
1/2"-20 NF	4 5/16"	29/64"	03-B 584	1	10
9/16"-12 NC	4 5/16"	31/64"	03-B 591	1	10
9/16"-18 NF	4 5/16"	33/64"	03-B 594	1	10
5/8"-11 NC	4 5/16"	17/32"	03-B 601	1	10
5/8"-18 NF	4 5/16"	37/64"	03-B 604	1	10
3/4"-10 NC	4 5/16"	21/32"	03-B 621	1	10
3/4"-16 NF	4 5/16"	11/16"	03-B 624	1	10
7/8"-9 NC	4 5/16"	49/64"	03-B 641	1	10
7/8"-14 NF	4 5/16"	13/16"	03-B 644	1	10
1"-8 NC	4 5/16"	7/8"	03-B 661	1	10
1"-12 NF	4 5/16"	59/64"	03-B 664	1	10

Tap drill size marked on shank (tap sizes 12-24 and over).
Packaged in reusable plastic packaging.



- ▶ 3 flats to fit any drill chuck without slippage
- ▶ Special power tip ejects chips ahead of tap and self-aligns with hole axis for high quality threads
- ▶ Premium HSS body, ground threads, 3-flute plug style with SST surface treatment for long tap life
- ▶ Special long and resistant shank for tapping deep or difficult to reach holes

SST power taps and drill bit sets

Power taps:

10-24 NC, 10-32 NF, 1/4"-20 NC, 5/16"-18 NC and 3/8"-16 NC

Drill bits:

#25, #21, #7, F and 5/16"

Order No. 03-B 952



NC SST power taps and drill bit sets

Power taps:

6-32 NC, 8-32 NC, 10-24 NC, 12-24 NC 1/4"-20 NC, 5/16"-18 NC, 3/8"-16 NC, 7/16"-14 NC and 1/2"-13 NC

Drill bits:

#36, #29, #25, #16, #7, F, 5/16", U and 27/64"

Order No. 03-B 953



NF SST power taps and drill bit sets

Power taps:

6-40 NF, 8-36 NF, 10-32 NF, 12-28 NF, 1/4"-28 NF, 5/16"-24 NF, 3/8"-24 NF, 7/16"-20 NF and 1/2"-20 NF

Drill bits:

#33, #29, #21, #15, #3, I, Q, 25/64" and 29/64"

Order No. 03-B 954

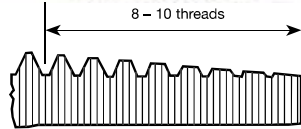


Tech tip!

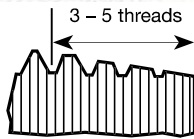
For increased cutting efficiency and tool life, use TAPCUT lubricant (see next page)



Taper



Plug



Bottoming



TAPCUT™

Thread cutting lubricant

Specially formulated to improve life and tapping speed when working with taps and dies.

Desc.	Size	Order No.	MSDS	Std. Pkg.
	Metric US Gal			
Squ.bottle	350 ml 11.8 oz	53-A 103	L-115E	12
Liquid	20 L 5.2 gal	53-A 107	L-115E	1
Accessories		Order No.		
Spout for 20 L pail		53-L 207		

SST+ HSS™ HAND TAPS

Made from premium quality high speed steel with ground threads, hardened and tempered for longest life in a variety of materials.

- ▷ Precision ground threads with eccentric relief for free cutting action
- ▷ Three and four flute designs
- ▷ Available in three chamfer lengths for through or blind hole tapping
- ▷ Special bronze SST surface treatment to improve life and tapping speed

MACHINE SCREW AND FRACTIONAL SIZES

Tap Size x Threads per inch	Drill Size	Taper	Plug	Bottoming	Std. Pkg.	Std. Ctn.
4-40 NC	#43	03-A 041	03-A 042	03-A 043	3	30
5-40 NC	#38	03-A 051	03-A 052	03-A 053	3	30
6-32 NC	#36	03-A 061	03-A 062	03-A 063	3	30
8-32 NC	#29	03-A 081	03-A 082	03-A 083	3	30
10-24 NC	#25	03-A 101	03-A 102	03-A 103	3	30
10-32 NF	#21	03-A 104	03-A 105	03-A 106	3	30
12-24 NC	#16	03-A 121	03-A 122	03-A 123	3	30
1/4"-20 NC	#7	03-B 041	03-B 042	03-B 043	3	30
1/4"-28 NF	#3	03-B 044	03-B 045	03-B 046	3	30
5/16"-18 NC	F	03-B 051	03-B 052	03-B 053	3	30
5/16"-24 NF	17/64"	03-B 054	03-B 055	03-B 056	3	30
3/8"-16 NC	5/16"	03-B 061	03-B 062	03-B 063	3	30
3/8"-24 NF	21/64"	03-B 064	03-B 065	03-B 066	3	30
7/16"-14 NC	U	03-B 071	03-B 072	03-B 073	3	30
7/16"-20 NF	25/64"	03-B 074	03-B 075	03-B 076	3	30
1/2"-13 NC	27/64"	03-B 081	03-B 082	03-B 083	3	30
1/2"-20 NF	29/64"	03-B 084	03-B 085	03-B 086	3	30
9/16"-12 NC	31/64"	03-B 091	03-B 092	03-B 093	1	10
9/16"-18 NF	33/64"	03-B 094	03-B 095	03-B 096	1	10
5/8"-11 NC	17/32"	03-B 101	03-B 102	03-B 103	1	10
5/8"-18 NF	37/64"	03-B 104	03-B 105	03-B 106	1	10
3/4"-10 NC	21/32"	03-B 121	03-B 122	03-B 123	1	10
3/4"-16 NF	11/16"	03-B 124	03-B 125	03-B 126	1	10
7/8"-9 NC	49/64"	03-B 141	03-B 142	03-B 143	1	10
7/8"-14 NF	13/16"	03-B 144	03-B 145	03-B 146	1	10
1"-8 NC	7/8"	03-B 161	03-B 162	03-B 163	1	10
1"-12 NF	7/8"	03-B 164	03-B 165	03-B 166	1	10

Packaged in reusable plastic packaging.

METRIC SIZES

Tap Size x Pitch (mm)	Taper	Std. Pkg.	Std. Ctn.
3.0 x .50	03-D 031	3	30
4.0 x .70	03-D 041	3	30
5.0 x .80	03-D 051	3	30
6.0 x 1.00	03-D 061	3	30
8.0 x 1.25	03-D 081	3	30
10.0 x 1.50	03-D 101	3	30
12.0 x 1.75	03-D 121	3	30

Packaged in reusable plastic packaging.

TAPER PIPE TAPS (NPT)

Made from tough carbon alloy tool steel to cut new threads or repair damaged threads in pipe fittings. For use in steel and non-ferrous metals.



Nominal Size Inch	Thread per inch	Drill Size	Order No.	Std. Pkg.	Std. Ctn.
1/16"	27	D	02-C 010	1	10
1/8"	27	1 1/32"	02-C 020	1	10
1/4"	18	7/16"	02-C 040	1	10
3/8"	18	37/64"	02-C 060	1	10
1/2"	14	45/64"	02-C 080	1	10
3/4"	14	59/64"	02-C 120	1	10
1"	11 1/2	1 5/32"	02-C 160	1	10
1 1/4"	11 1/2	1 1/2"	02-C 200	1	10
1 1/2"	11 1/2	1 47/64"	02-C 240	1	10
2"	11 1/2	2 7/32"	02-C 320	1	10

Packaged in reusable plastic packaging.

TAPER PIPE TAP SET

Contains one of each of the following NPT taps:

1/8": 02-C 020

1/4": 02-C 040

3/8": 02-C 060

1/2": 02-C 080

Order No. 02-C 500



Tech tip!

For increased cutting efficiency and tool life, use TAPCUT lubricant

TAP WRENCHES

Premium quality tool stock, all jaws and set screws are hardened and tempered for optimum tool life.

ADJUSTABLE TAP WRENCHES

No.	Capacity	Order No.	Std. Pkg.	Std. Ctn.
1	1/16" - 1/4"	02-W 010	1	10
1 1/2	3/16" - 1/2"	02-W 015	1	10
3	1/4" - 3/4"	02-W 030	1	10
4	3/8" - 1"	02-W 040	1	10

Packaged in reusable plastic packaging.

T-HANDLE TAP WRENCH WITH 3-POSITION RATCHET

No.	Capacity	Order No.	Std. Pkg.	Std. Ctn.
1-T	5/32 to 1/4"	02-W 100	1	10
2-T	1/4" to 1/2"	02-W 200	1	10

Packaged in reusable plastic packaging.

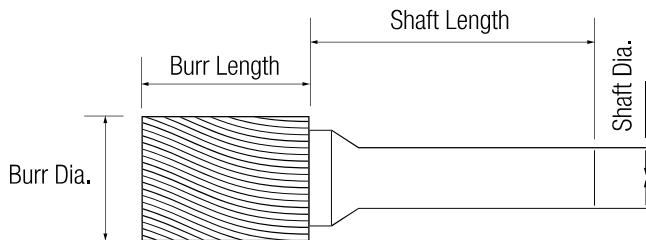




CARBIDE BURRS

High performance

Walter carbide burrs are made from the highest grade tungsten carbide and are manufactured to ensure perfect concentricity and balance. This means you get a product that is safer, removes material faster and is guaranteed to provide the longest working life in the industry.















HIGH STRENGTH BRAZED JOINT GUARANTEED TO PREVENT BREAKAGE

- ▶ *Precise manufacturing – Burrs run perfectly true without vibration*
- ▶ *First grade tungsten carbide – For the toughest applications in a wide range of materials*
- ▶ *Exclusive tooth design – Guarantees maximum cutting performance*
- ▶ *Advanced flute geometry – Ensures maximum cutting capacity and chip evacuation from tip to bottom*

1/4" SHANK Ø, DOUBLE CUT



Burr Dia. x Length	USCTI Type	Std. Lgth. Order No.	6" Shank Order No.	Std. Pkg.	Std. Ctn.
Cylindrical (SA)					
 1/4" x 5/8"	SA-1	01-V 001	01-V 601	1	10
5/16" x 3/4"	SA-2	01-V 037		1	10
3/8" x 3/4"	SA-3	01-V 002	01-V 602	1	10
7/16" x 1"	SA-4	01-V 038		1	10
1/2" x 1"	SA-5	01-V 004	01-V 604	1	10
5/8" x 1"	SA-6	01-V 055		1	10
Cylindrical (SB)					
 1/4" x 5/8"	SB-1	01-V 056		1	10
3/8" x 3/4"	SB-3	01-V 057		1	10
1/2" x 1"	SB-5	01-V 059		1	10
Cylindrical round nose (SC)					
 1/4" x 5/8"	SC-1	01-V 005	01-V 605	1	10
5/16" x 3/4"	SC-2	01-V 039		1	10
3/8" x 3/4"	SC-3	01-V 006	01-V 606	1	10
7/16" x 1"	SC-4	01-V 040		1	10
1/2" x 1"	SC-5	01-V 007	01-V 607	1	10
5/8" x 1"	SC-6	01-V 062		1	10
3/4" x 1"	SC-7	01-V 073		1	10
Ball (SD)					
 1/4" x 7/32"	SD-1	01-V 009	01-V 609	1	10
3/8" x 5/16"	SD-3	01-V 010	01-V 610	1	10
1/2" x 7/16"	SD-5	01-V 026	01-V 626	1	10
5/8" x 9/16"	SD-6	01-V 011		1	10
Egg (SE)					
 3/8" x 5/8"	SE-3	01-V 027		1	10
1/2" x 7/8"	SE-5	01-V 028		1	10
Tree (SF)					
 1/4" x 5/8"	SF-1	01-V 041	01-V 641	1	10
5/16" x 5/8"	SF-2	01-V 042		1	10
3/8" x 3/4"	SF-3	01-V 014	01-V 614	1	10
7/16" x 1"	SF-4	01-V 043		1	10
1/2" x 1"	SF-5	01-V 015	01-V 615	1	10
5/8" x 1"	SF-6	01-V 066		1	10
Tapered (SG)					
 1/4" x 5/8"	SG-1	01-V 044	01-V 644	1	10
5/16" x 3/4"	SG-2	01-V 045		1	10
3/8" x 3/4"	SG-3	01-V 046	01-V 646	1	10
1/2" x 1"	SG-5	01-V 013	01-V 613	1	10
Flame (SH)					
 5/16" x 3/4"	SH-3	01-V 029		1	10
1/2" x 1 1/4"	SH-5	01-V 030		1	10
Cone 90° (SK)					
 3/8" x 1/8"	SK-3	01-V 067		1	10
1/2" x 1/4"	SK-5	01-V 068		1	10
Cone (SL)					
 1/4" x 5/8"	SL-1 14°	01-V 017		1	10
5/16" x 7/8"	SL-2	01-V 051		1	10
3/8" x 1 1/16"	SL-3 14°	01-V 031	01-V 631	1	10
1/2" x 1 1/8"	SL-4 14°	01-V 032		1	10
5/8" x 3/16"	SL-5	01-V 052	01-V 652	1	10
Conical (SM)					
 1/4" x 1/2"	SM-1	01-V 047		1	10
1/4" x 3/4"	SM-2	01-V 048		1	10
1/4" x 1"	SM-3	01-V 049		1	10
3/8" x 5/8"	SM-4	01-V 050		1	10
1/2" x 7/8"	SM-5 28°	01-V 018		1	10
Inverted cone (SN)					
 1/4" x 1/2"	SN-1	01-V 070		1	10
1/4" x 3/4"	SN-2	01-V 071		1	10
1/4" x 1"	SN-4	01-V 072		1	10

1/4" SHANK Ø, NON-FERROUS, ALUMINUM AND SOFT METALS



Burr Dia. x Length	USCTI Type	Order No.	Std. Pkg.	Std. Ctn.
3/8" x 3/4"	SA-3	01-V 003	1	10
1/2" x 1"	SA-5	01-V 054	1	10
3/8" x 3/4"	SB-3	01-V 058	1	10
1/4" x 5/8"	SC-1	01-V 060	1	10
3/8" x 3/4"	SC-3	01-V 061	1	10
1/2" x 1"	SC-5	01-V 008	1	10
1/2" x 1/2"	SD-5	01-V 063	1	10
1/2" x 7/8"	SE-5	01-V 064	1	10
3/8" x 3/4"	SF-3	01-V 065	1	10
1/2" x 1"	SF-5	01-V 016	1	10
3/8" x 1 1/4"	SL-3	01-V 036	1	10
1/2" x 1 1/8"	SL-4	01-V 069	1	10



CARBIDE BURR PRODUCTION KIT

Contains one of each of the following:
01-V 002, 006, 011, 015 and 018

Order No. 01-V 990

1/4" SHANK Ø, HARD ALLOYS



Burr Dia. x Length	USCTI Type	Order No.	Std. Pkg.	Std. Ctn.
1/2" x 1"	SC-5	01-V 033	1	10
1/2" x 1"	SF-5	01-V 034	1	10
1/2" x 1 1/8"	SL-4	01-V 035	1	10

5-PIECE ALU CUT CARBIDE BURR KIT

Order No. 01-V 995

1/8" SHANK Ø, DOUBLE CUT



Burr Dia. x Length	USCTI Type	Order No.	Std. Pkg.	Std. Ctn.
1/8" x 9/16"	SA-43	01-V 020	1	10
1/8" x 1/8"	SD-42	01-V 021	1	10
1/8" x 1/2"	SF-42	01-V 022	1	10
1/8" x 1/2"	SG-44	01-V 023	1	10
1/8" x 1/2"	SL-42	01-V 024	1	10
1/8" x 7/16"	SM-42 12°	01-V 025	1	10

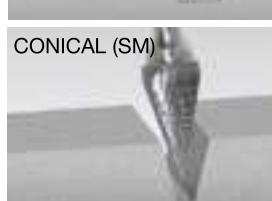
10-PIECE DOUBLE CUT CARBIDE BURR KIT

Order No. 01-V 996

Burr diameter	Maximum cutting speed (RPM)	
	for standard length burrs	for 6" long burrs
1/4"	70,000	35,000
5/16"	68,000	34,000
3/8"	66,000	33,000
7/16"	58,000	29,000
1/2"	50,000	25,000
5/8"	40,000	20,000

For safety reasons, never use the 6" tungsten carbide burrs below 20,000 RPM.

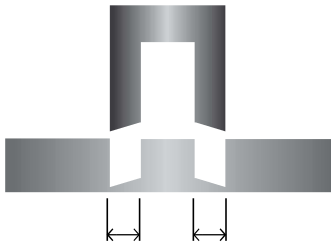
Material	Double cut		Material	Double cut	
	Double cut	Non-ferrous		Double cut	Non-ferrous
Aluminum	-	x	Steel - 45-55Rc	x	-
Brass	x	x	Steel - 55-60Rc	x	-
Bronze	x	-	Steel - Carbon	x	-
Cast iron	x	-	Steel - Nickel Chrome	x	-
Copper	-	x	Steel - Stainless	x	-
Carbon fiber	-	x	Steel - Weldments	x	-
Fiberglass	x	-	Titanium	x	-
Hard rubber	x	-	Zinc	-	x
Inconel	x	-			
Magnesium	-	x			
Plastics	x	-			



HIGH PERFORMANCE ANNULAR CUTTERS

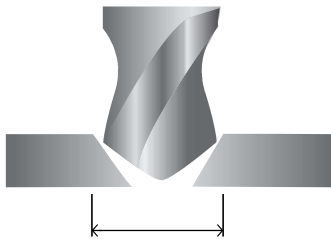
When drilling large holes through thick, flat metal surfaces, it is often more cost effective to use an annular cutter, which cuts at the circumference of the circle, instead of cutting through the entire area of the circle. This allows you to make holes faster and more efficiently.

Annular cutters



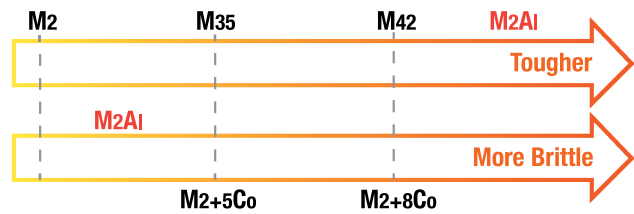
Less metal to metal contact reduces friction, reducing heat, increasing tool life and efficiency

Regular twist drills



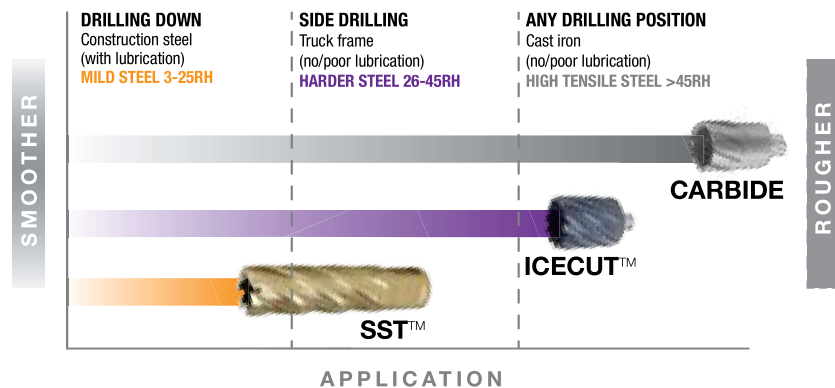
More metal to metal contact increases friction and heat, causing tooling to wear prematurely and resulting in longer cutting time

Walter annular cutters are tougher because they are made with a sophisticated high speed steel and aluminum blend (M2Al). This advanced HSS blend extends the life of the core cutters by providing excellent toughness and durability, while also reducing the brittleness of the cutter. Conventional cutting tools are typically enhanced with cobalt to increase the resistance to wear (M35 or M42). However, as more cobalt is added, the product actually becomes more brittle, which increases the risk of breakage under load. Through a graduated hardening of the cutter body, and by adding aluminum to the base material, Walter core cutters have more “micro-flexibility” than M35 or M42 core cutters. This makes Walter HSS annular cutters less brittle than a regular M42 annular cutter, and also makes them last much longer than other high speed steels. An exclusive triple tooth design and special fluting angle help optimize chip evacuation and eliminate chip debris. Walter’s exclusive AlCrN coating on the ICECUT™ line of coated annular cutters forms a nano-sized lubrication layer when heated, making it self-lubricating and preventing materials from sticking, melting or deforming during hole-making. The ICECUT™ annular cutters provide the longest life of all coated HSS annular cutters.



Adding Cobalt makes cutters more resistant to wear, but also more brittle which makes them more susceptible to breakage under pressure. M2Al provides an ideal blend of extreme toughness without a kind of “micro-flexibility” not found in standard cobalt blends.

HIGH PERFORMANCE ANNULAR CUTTERS



Recommended usage

	SST Core Cut	Icecut	Carbide Core Cut
SPECIFICATIONS			
Diameter Range	1/2" - 2 3/8"	1/2" - 2 3/8"	1/2" - 2 3/8"
Drilling Depth	1" and 2"	1" and 2"	1 1/2" and 2"
Shank Size	3/4"	3/4"	3/4"
Shank Type	Universal & Weldon shank with 2 flats	Universal & Weldon shank with 2 flats	Universal & Weldon shank with 2 flats

MATERIAL	SST Core Cut	Icecut	Carbide Core Cut
Mild Steel (3 to 25 HRC)	✓	✓	✓
Harder Steel (26 to 45 HRC)	✓	✓	✓
Stainless Steel (300 and 400 series)	✓	✓	✓
Cast Iron	—	✓	✓
Aluminum	✓	✓	✓
Brass and Bronze	✓	✓	✓
Hardox / Scandia	—	—	✓
Rough / Uneven material	—	—	✓
Railroad Track	—	—	✓

CHARACTERISTICS	SST Core Cut	Icecut	Carbide Core Cut
Cutting Speed	Fast	Very Fast	Extra Fast
Cutter Life	Long	Very Long	Extra Long

- ✓ Highly Recommended
- ✓ Recommended

CUTTING LUBRICANTS

To improve the life and cutting speed of annular cutters, we highly recommend that you use these Walter high performance cutting lubricants.



Material worked on	Description	Order No.	Size	MSDS
Mild and hard steel	COOLCUT, solid stick	53-B 013	300 g	L-22E
Mild and hard steel	ICECUT, liquid	* 53-C 055	3.78 L	L-122E
Mild and hard steel	ICECUT, liquid	* 53-C 057	20 L	L-122E
Aluminum	ALUCUT, solid stick	53-B 303	300 g	L-04E
All metals	TAPCUT, bottle	53-A 103	350 ml	L-115E
All metals	TAPCUT, liquid	53-A 105	3.78 L	L-115E
All metals	TAPCUT, liquid	53-A 107	20 L	L-115E

* ICECUT lubricants are biodegradable

SST™ CORE CUT ANNULAR CUTTERS

Guaranteed to outperform all uncoated cutters

Super Speed Tip (SST) Core Cutters are made with state-of-the-art surface treatment technology that removes porosity during the fabrication process. This creates a perfectly smooth finish which allows for a better evacuation of material while drilling. It also helps to improve product life and reduce drilling time as it decreases friction with the work surface, which in turn reduces the amount of heat generated.



Diameter		Pqt std	Weldon Shank			Universal Shank	
Inches	mm		1" cutters Order No.	2" cutters Order No.	3" cutters Order No.	1" cutters Order No.	2" cutters Order No.
Use with pilot pin			05-Z 001	05-Z 002	05-Z 018	05-Z 029	05-Z 002
7/16"	11.1	1				05-E 007	
1/2"	12.7	1	05-A 008	05-A 308		05-Z 001	05-Z 001
9/16"	14.3	1	05-A 009	05-A 309		05-E 008	05-E 308
5/8"	15.9	1	05-A 010	05-A 310		05-E 009	05-E 309
11/16"	17.5	1	05-A 011	05-A 311	05-A 611	05-E 010	05-E 310
3/4"	19.0	1	05-A 012	05-A 312		05-E 011	05-E 311
13/16"	20.6	1	05-A 013	05-A 313	05-A 613	05-E 012	05-E 312
7/8"	22.2	1	05-A 014	05-A 314		05-E 013	05-E 313
15/16"	23.8	1	05-A 015	05-A 315	05-A 615	05-E 014	05-E 314
1"	25.4	1	05-A 100	05-A 400		05-E 015	05-E 315
1 1/16"	27.0	1	05-A 101	05-A 401	05-A 701	05-E 100	05-E 400
1 1/8"	28.6	1	05-A 102	05-A 402		05-E 101	05-E 401
1 3/16"	30.2	1	05-A 103	05-A 403		05-E 102	05-E 402
1 1/4"	31.8	1	05-A 104	05-A 404		05-E 103	05-E 403
1 5/16"	33.3	1	05-A 105	05-A 405		05-E 104	05-E 404
1 3/8"	34.9	1	05-A 106	05-A 406		05-E 105	05-E 405
1 7/16"	36.5	1	05-A 107	05-A 407		05-E 106	05-E 406
1 1/2"	38.1	1	05-A 108	05-A 408		05-E 107	05-E 407
1 9/16"	39.7	1	05-A 109	05-A 409		05-E 108	05-E 408
1 5/8"	41.3	1	05-A 110	05-A 410			05-E 409
1 3/4"	44.5	1	05-A 112	05-A 412			
1 13/16"	46.0	1	05-A 113	05-A 413			
1 7/8"	47.6	1	05-A 114	05-A 414			
1 15/16"	49.2	1	05-A 115	05-A 415			
2"	51.0	1	05-A 200	05-A 500			
2 1/16"	52.4	1	05-A 201	05-A 501			
2 1/8"	54.0	1	05-A 202	05-A 502			
2 3/16"	55.6	1	—	05-A 503			
2 1/4"	57.2	1		05-A 504			
2 5/16"	58.7	1		05-A 505			
2 3/8"	60.3	1		05-A 506			

- ▷ Drills faster
- ▷ Lasts longer
- ▷ Universal shank
- ▷ Exclusive SST surface treatment
- ▷ Multiple tooth design



SST CORE CUT KITS

- Special bronze SST surface treatment
- Weldon shank

1" annular cutter kit
Order no. 05-A 991

2" annular cutter kit
Order no. 05-A 992

Includes 1 of each diameter:
9/16", 11/16", 13/16", 15/16", 1",
1-1/16" and pilot pin

Packaged in reusable plastic packaging.

Other sizes are available upon special request. Please speak with your Walter sales representative.

ICECUT™ ANNULAR CORE CUTTERS

Guaranteed to drill more holes in less time!

ICECUT annular cutters are coated with an exclusive mixture of chromium and aluminum (AlCrN) and are designed to be used where lubricants are not permitted or problematic to apply. This new technology outperforms any annular core cutters coated with Titanium (TiN) or Titanium-Aluminum (TiAlN). By incorporating a chromium aluminum blend into the coating, Walter ICECUT annular cutters generate less heat and can withstand temperatures at least 200°C higher than conventional TiAlN cutters. This exclusive coating makes the ICECUT more resistant to higher stress under load and impact.



- ▷ Well known quality and durability
- ▷ Lasts longer than uncoated core cutters
- ▷ Exclusive ICECUT AlCrN coating
- ▷ Fully ground extra large flutes



ICECUT CORE CUT KITS

- Exclusive ICECUT™ surface coating
- Weldon shank

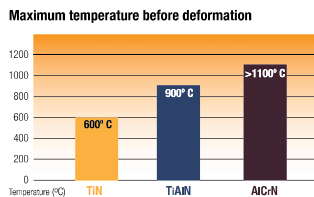
1" annular cutter kit
Order no. 05-B 991

2" annular cutter kit
Order no. 05-B 992

Includes 1 of each diameter:
9/16", 11/16", 13/16", 15/16", 1",
1-1/16" and pilot pin



Diameter		Std pkg	Weldon Shank				Universal Shank	
Inches	mm		1" cutters Order no.	2" cutters Order no.	3" cutters Order no.	4" cutters Order no.	1" cutters Order no.	2" cutters Order no.
Use with pilot pin			05-Z 001	05-Z 002	05-Z 018 05-Z 032	05-Z 031 05-Z 033	05-Z 001	05-Z 002
7/16"	11.1	1					05-F 007*	05-F 307*
							*Use with pilot pin 05-Z 029	*Use with pilot pin 05-Z 030
1/2"	12.7	1	05-B 008	05-B 308			05-F 008	05-F 308
9/16"	14.3	1	05-B 009	05-B 309			05-F 009	05-F 309
5/8"	15.9	1	05-B 010	05-B 310			05-F 010	05-F 310
11/16"	17.5	1	05-B 011	05-B 311	05-B 611	05-B 811	05-F 011	05-F 311
3/4"	19.0	1	05-B 012	05-B 312			05-F 012	05-F 312
13/16"	20.6	1	05-B 013	05-B 313	05-B 613	05-B 813	05-F 013	05-F 313
7/8"	22.2	1	05-B 014	05-B 314			05-F 014	05-F 314
15/16"	23.8	1	05-B 015	05-B 315	05-B 615	05-B 815	05-F 015	05-F 315
1"	25.4	1	05-B 100	05-B 400			05-F 100	05-F 400
1 1/16"	27.0	1	05-B 101	05-B 401	05-B 701	05-B 901	05-F 101	05-F 401
1 1/8"	28.6	1	05-B 102	05-B 402			05-F 102	05-F 402
1 3/16"	30.2	1	05-B 103	05-B 403			05-F 103	05-F 403
1 1/4"	31.8	1	05-B 104	05-B 404			05-F 104	05-F 404
1 5/16"	33.3	1	05-B 105	05-B 405			05-F 105	05-F 405
1 3/8"	34.9	1	05-B 106	05-B 406			05-F 106	05-F 406
1 7/16"	36.5	1	05-B 107	05-B 407			05-F 107	05-F 407
1 1/2"	38.1	1	05-B 108	05-B 408			05-F 108	05-F 408
1 9/16"	39.7	1	05-B 109	05-B 409				
1 5/8"	41.3	1	05-B 110	05-B 410				
1 3/4"	44.5	1	05-B 112	05-B 412				
1 13/16"	46.0	1	05-B 113	05-B 413				
1 7/8"	47.6	1	05-B 114	05-B 414				
1 15/16"	49.2	1	05-B 115	05-B 415				
2"	51.0	1	05-B 200	05-B 500				
2 1/16"	52.4	1	05-B 201	05-B 501				
2 1/8"	54.0	1	05-B 202	05-B 502				
2 3/16"	55.6	1		05-B 503				
2 1/4"	57.2	1		05-B 504				
2 5/16"	58.7	1		05-B 505				
2 3/8"	60.3	1		05-B 506				



Packaged in reusable plastic packaging.
Other sizes are available upon special request. Please speak with your Walter sales representative.

CARBIDE CORE CUT ANNULAR CUTTERS

Top performance and maximum productivity on hard metals and uneven surfaces!

Walter Carbide Core Cut annular cutters accurately drill large diameter holes in a variety of hard or abrasive materials such as stainless steel, cast iron, tough alloys or composite materials. They outperform and outlast conventional HSS cutters and allow for higher speed and feed rates while requiring less effort to cut through some of the industry's toughest metals.

3/4" Weldon Shank					Universal Shank		
Dia. Inches	1 1/2" cutters Order No.	2" cutters Order No.	3" cutters Order No.	4" cutters Order No.	Dia. mm	30 mm Order No.	55 mm Order No.
Use with pilot pin	05-Z 019	05-Z 021				05-Z 019	05-Z 021
1/2"	05-D 008	05-D 308			12 mm	05-F 112	05-F 212
9/16"	05-D 009	05-D 309			13 mm	05-F 113	05-F 213
5/8"	05-D 010	05-D 310			14 mm	05-F 114	05-F 214
11/16"	05-D 011	05-D 311			15 mm	05-F 115	05-F 215
					16 mm	05-F 116	05-F 216
					17 mm	05-F 117	05-F 217
Use with pilot pin	05-Z 020	05-Z 022				05-Z 020	05-Z 022
3/4"	05-D 012	05-D 312		05-D 812	18 mm	05-F 118	05-F 218
13/16"	05-D 013	05-D 313	05-D 613	05-D 813	19 mm	05-F 119	05-F 219
7/8"	05-D 014	05-D 314			20 mm	05-F 120	05-F 220
15/16"	05-D 015	05-D 315	05-D 615	05-D 815	21 mm	05-F 121	05-F 221
1"	05-D 100	05-D 400	05-D 700	05-D 900	22 mm	05-F 122	05-F 222
1 1/16"	05-D 101	05-D 401	05-D 701	05-D 901	23 mm	05-F 123	05-F 223
1 1/8"	05-D 102	05-D 402			24 mm	05-F 124	05-F 224
1 3/16"	05-D 103	05-D 403			25 mm	05-F 125	05-F 225
1 1/4"	05-D 104	05-D 404			26 mm	05-F 126	05-F 226
1 5/16"	05-D 105	05-D 405			27 mm	05-F 127	05-F 227
1 3/8"	05-D 106	05-D 406			28 mm	05-F 128	05-F 228
1 7/16"	05-D 107	05-D 407			29 mm	05-F 129	05-F 229
1 1/2"	05-D 108	05-D 408			30 mm	05-F 130	05-F 230
1 9/16"	05-D 109	05-D 409			31 mm	05-F 131	05-F 231
1 5/8"	05-D 110	05-D 410			32 mm	05-F 132	05-F 232
1 3/4"	05-D 112	05-D 412			33 mm	05-F 133	05-F 233
1 13/16"	05-D 113	05-D 413			34 mm	05-F 134	05-F 234
1 7/8"	05-D 114	05-D 414			35 mm	05-F 135	05-F 235
1 15/16"	05-D 115	05-D 415			36 mm	05-F 136	05-F 236
2"	05-D 200	05-D 500	05-D 716	05-D 916	37 mm	05-F 137	05-F 237
2 1/16"	05-D 201	05-D 501			38 mm	05-F 138	05-F 238
2 1/8"	05-D 202	05-D 502			39 mm	05-F 139	05-F 239
2 3/16"		05-D 503			40 mm	05-F 140	05-F 240
2 1/4"		05-D 504	05-D 720	05-D 920	41 mm	05-F 141	05-F 241
2 5/16"		05-D 505			42 mm	05-F 142	05-F 242
2 3/8"		05-D 506			43 mm	05-F 143	05-F 243
					44 mm	05-F 144	05-F 244
					45 mm	05-F 145	05-F 245
					46 mm	05-F 146	05-F 246
					47 mm	05-F 147	05-F 247
					48 mm	05-F 148	05-F 248
					49 mm	05-F 149	05-F 249
					50 mm	05-F 150	05-F 250
					51 mm	05-F 151	05-F 251

1 1/4" Weldon Shank			
Use with pilot pin	05-Z 034	05-Z 035	05-Z 036
2 7/16"	05-D 507		
2 1/2"	05-D 508	05-D 724	05-D 924
2 9/16"	05-D 509	05-D 725	05-D 925
2 5/8"	05-D 510		
2 3/4"	05-D 400	05-D 700	05-D 900
2 7/8"	05-D 401	05-D 701	05-D 901
3"	05-D 102	05-D 402	
3 1/4"	05-D 103	05-D 403	
3 1/2"	05-D 104	05-D 404	
3 3/4"	05-D 105	05-D 405	
4"	05-D 503		

Dia. Inches	1" cutters Order No.	2" cutters Order No.
Use with pilot pin	05-Z 027	05-Z 021
1/2"	05-H 008	05-H 308
9/16"	05-H 009	05-H 309
5/8"	05-H 010	05-H 310
11/16"	05-H 011	05-H 311
Use with pilot pin	05-Z 028	05-Z 022
3/4"	05-H 012	05-H 312
13/16"	05-H 013	05-H 313
7/8"	05-H 014	05-H 314
15/16"	05-H 015	05-H 315
1"	05-H 100	05-H 400
1 1/16"	05-H 101	05-H 401
1 1/8"	05-H 102	05-H 402
1 3/16"	05-H 103	05-H 403
1 1/4"	05-H 104	05-H 404
1 5/16"	05-H 105	05-H 405
1 3/8"	05-H 106	05-H 406
1 7/16"	05-H 107	05-H 407
1 1/2"	05-H 108	05-H 408



CARBIDE CORE CUT KITS

- Highest quality TCT for premium performance
- Weldon shank

1-3/8" annular cutter kit
Order no. 05-D 991

2" annular cutter kit
Order no. 05-D 992

Includes 1 of each diameter:
9/16", 11/16", 13/16", 15/16", 1",
1-1/16" and pilot pin

Packaged in reusable plastic packaging. Standard packaging: 1

PILOT PINS

Precisely position annular cutters over drilling spot and eject slug after drilling is completed. All Walter pilot pins are hardened and precision ground to provide the longest life in the industry.



Cutter family	Diameter	Max. drilling depth	Order No.	Std. Pkg.	Std. Ctn.
For use with these cutters					
SST Core Cut and ICECUT	1/2" – 2 3/8" dia.	1"	05-Z 001	1	10
SST Core Cut and ICECUT	1/2" – 2 3/8" dia.	2"	05-Z 002	1	10
SST Core Cut and ICECUT	1 3/16" – 1 1/8" dia.	3"	05-Z 018	1	10
SST Core Cut and ICECUT	1 1/8" – 2" dia.	4"	05-Z 031	1	10
SST Core Cut and ICECUT	7/16" dia.	1"	05-Z 029	1	10
SST Core Cut and ICECUT	7/16" dia.	2"	05-Z 030	1	10
2-piece, SST and ICECUT	1 1/8" – 2" dia.	3"	05-Z 032	1	10
2-piece, SST and ICECUT	1 1/8" – 2" dia.	4"	05-Z 033	1	10

For use with these cutters					
CARBIDE core cutters	1/2" – 1 1/16" dia.	1"	05-Z 027	1	10
	1/2" – 1 1/16" dia.	1 1/2"	05-Z 019	1	10
	1/2" – 1 1/16" dia.	2"	05-Z 021	1	10
	3/4" – 1 1/2" dia.	1"	05-Z 028	1	10
	3/4" – 2 3/8" dia.	1 1/2"	05-Z 020	1	10
	3/4" – 2 3/8" dia.	2"	05-Z 022	1	10
	2 7/16" – 4" dia.	2"	05-Z 034	1	10
	1 3/16" – 1 1/8" dia.	3"	05-Z 018	1	10
	2 7/16" – 4" dia.	3"	05-Z 035	1	10
	2 7/16" – 4" dia.	4"	05-Z 036	1	10



Morse taper shank adaptors with coolant inducer

For use of Walter annular cutters on drilling units with a Morse taper spindle. Coolant inducer feeds coolant through the pilot pin to increase cutter life.

Morse taper	Order No.	Std. Pkg.	Std. Ctn.
No. 2	05-Z 012	1	10
No. 3	05-Z 013	1	10
No. 3 (with 1 1/4" Weldon)	05-Z 037	1	10
	05-Z 038	1	10



Morse taper shank adaptors without coolant inducer

For use of Walter annular cutters on drilling units with a Morse taper spindle. Ideal for all drilling machines that are equipped with an external cooling source.

Morse taper	Order No.	Std. Pkg.	Std. Ctn.
No. 2	05-Z 010	1	10
No. 3	05-Z 011	1	10



Fein and Nitto adaptors

For use of Walter annular cutters on all Fein and Nitto magnetic drills.

Drilling Unit	Order No.	Std. Pkg.	Std. Ctn.
Fein	05-Z 014	1	10
Nitto	05-Z 015	1	10



Extension adaptors

Leverage an arbor adaptor with your Walter core cutters to drill deeper holes. These durable arbor adaptors allow you to drill up to 4" for a fraction of the price of a full size core cutter.

Extension Length	Description	Order No.	Std. Pkg.	Std. Ctn.
1"	Adaptor	05-Z 023	1	10
	Pilot pin	05-Z 025	1	10
2"	Adaptor	05-Z 024	1	10
	Pilot pin	05-Z 026	1	10