

Intrepid Aero Tool



Intrepid Tool Industries
Everede Tool Company



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Carbide Dagger Drill



Part #	Drill Diameter	Decimal Size	Metric Diameter	OAL
DGGR-0938-4 or 6	3/32	.0938	2.38 mm	4/6
DGGR-0980-4 or 6	#40	.0980	2.49 mm	4/6
DGGR-1250-4 or 6	1/8	.1250	3.17 mm	4/6
DGGR-1285-4 or 6	#30	.1285	3.26 mm	4/6
DGGR-1562-4 or 6	5/32	.1562	3.97 mm	4/6
DGGR-1590-4 or 6	#21	.1590	4.04 mm	4/6
DGGR-1610-4 or 6	#20	.1610	4.09 mm	4/6
DGGR-1875-4 or 6	3/16	.1875	4.76 mm	4/6
DGGR-1910-4 or 6	#11	.1910	4.85 mm	4/6
DGGR-1935-4 or 6	#10	.1935	4.91 mm	4/6
DGGR-1960-4 or 6	#9	.1960	4.98 mm	4/6
DGGR-1990-4 or 6	#8	.1990	5.05 mm	4/6
DGGR-2500-4 or 6	1/4	.2500	6.35 mm	4/6
DGGR-3125-4 or 6	5/16	.3125	7.94 mm	4/6
DGGR-3750-4 or 6	3/8	.3750	9.52 mm	4/6

*Most items in stock, for sizes not shown please contact office for availability.

*Standard OAL is 4" or 6", special sizes available on request.

Dagger Drills can be ordered in standard lengths of 4" or 6". Example: DGGR-0938-6

DGGR-0938-6

↑
Drill
Diameter

↑
Over All
Length



Straight Shank Solid Carbide Drill/Reamers



Part #	Reamer Diameter	Decimal Size	Metric Diameter	OAL
DRRM-0938-4/6	3/32	.0938	2.38 mm	4/6
DRRM-0980-4/6	#40	.0980	2.49 mm	4/6
DRRM-1250-4/6	1/8	.1250	3.17 mm	4/6
DRRM-1285-4/6	#30	.1285	3.26 mm	4/6
DRRM-1562-4/6	5/32	.1562	3.97 mm	4/6
DRRM-1590-4/6	#21	.1590	4.04 mm	4/6
DRRM-1610-4/6	#20	.1610	4.09 mm	4/6
DRRM-1875-4/6	3/16	.1875	4.76 mm	4/6
DRRM-1910-4/6	#11	.1910	4.85 mm	4/6
DRRM-1935-4/6	#10	.1935	4.91 mm	4/6
DRRM-1960-4/6	#9	.1960	4.98 mm	4/6
DRRM-1990-4/6	#8	.1990	5.05 mm	4/6
DRRM-2500-4/6	1/4	.2500	6.35 mm	4/6
DRRM-3125-4/6	5/16	.3125	7.94 mm	4/6
DRRM-3750-4/6	3/8	.3750	9.52 mm	4/6

- Solid Carbide Drill Reamer
- For strand free, accurate holes in laminate composite and graphite material.
- Standard flute length is 1 1/2"

Drill Reamers can be ordered in standard lengths of 4" or 6" Example: DRRM-1285-6

DRRM-1285-4/6

↑
Drill
Reamer

↑
Diameter

↑
Length



Carbide Threaded Shank Drill 4 Facet



Part #	Drill Diameter	Decimal Size	Flute Length	OAL	Metric Diameter
DRTS-0938	3/32	.0938	7/8	2 1/8	2.38 mm
DRTS-0980	#40	.0980	7/8	2 1/8	2.49 mm
DRTS-1250	1/8	.1250	7/8	2 1/8	3.17 mm
DRTS-1285	1/8	.1285	1 1/8	2 1/8	3.26 mm
DRTS-1562	5/32	.1562	1 1/8	2 1/8	3.97 mm
DRTS-1590	#21	.1590	1 1/8	2 1/8	4.04 mm
DRTS-1610	#20	.1610	1 1/8	2 1/8	4.09 mm
DRTS-1875	3/16	.1875	1 1/8	2 1/8	4.76 mm
DRTS-1910	#11	.1910	1 1/8	2 1/8	4.85 mm
DRTS-1935	#10	.1935	1 1/8	2 1/8	4.91 mm
DRTS-2188	7/32	.2188	1 1/8	2 1/8	5.56 mm
DRTS-2500	1/4	.2500	1 1/8	2 1/8	6.35 mm
DRTS-2570	F	.2570	1 1/8	2 1/8	6.53 mm

For Other
Sizes:

DRTS-1910-1.125-2.125

↑
Diameter

↑
Flute

↑
Over All
Length

Nut Plate Drill



Part #	Drill Size	Flute Length
DRNUT-098-420	.098	.420
DRNUT-098-560	.098	.560



Carbide Piloted Reamer



Finish an existing hole to a precise diameter

RMP-1562-1285-1.5-4

Major Diameter Pilot Diameter Flute Length OAL Length

Carbide Piloted Core Drill



Finish drilling an existing hole

DRCD-1562-1285-1.5-4

Major Diameter Pilot Diameter Flute Length OAL Length

8 Facet Drill



Avoids delamination in composite & graphite

DR8F-1285-1.5-4

Drill Diameter Flute Length OAL Length

Parabolic Drills



Improves chip evacuation in deep hole drilling of non-ferrous material

DRP-1285-1.5-4

Drill Diameter Flute Length OAL Length



Double Margin Drills



Superior finish in drilled hole

DRDM-1285-1.5-4

↑
Drill Diameter

↑
Flute Length

↑
OAL Length

Threaded Shank Dagger Drills



Avoids delamination & controls depth in hand held operation

DGGRTS-1285-1.0-2.125

↑
Diameter

↑
Flute Length

↑
OAL Length

Threaded Shank Drill Reamer



Hand held reaming of laminates, composites & graphite in one operation

DRRMTS-1285-1.0-2.125

↑
Diameter

↑
Flute Length

↑
OAL Length

Threaded Shank Reamer



Accurate hole dimensions in non-ferrous material at controlled depths.

RMTS-1285-113-1.5-2.125

↑
Major Diameter

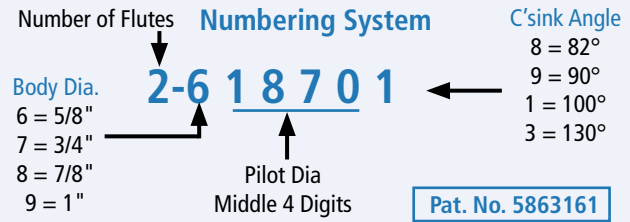
↑
Pilot Diameter

↑
Flute Length

↑
OAL Length

EVERSINK COUNTERSINK

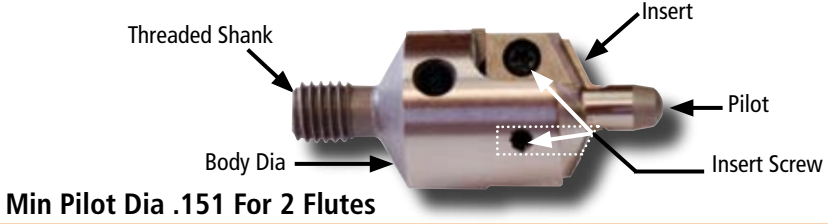
BOLT-ON STYLE EVERSINK



Threaded Shank Countersink 100° & 130°

Insert Screw #
19035

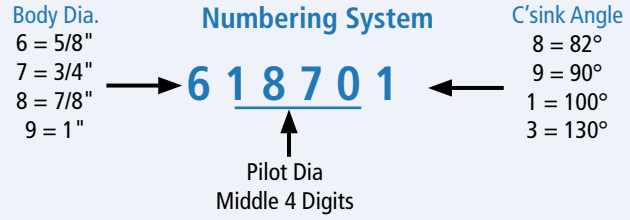
Torx Key #
19552



Body Dia	Included Angle	Shank	Max Pilot Dia
5/8	100°	1/4-28	.281
5/8	130°	1/4-28	.281
3/4	100°	3/8-24	.296
7/8	100°	3/8-24	.421
7/8	130°	3/8-24	.421
1	100°	7/16-20	.546
1	130°	7/16-20	.546

EVERSINK COUNTERSINK

CAM-LOCK STYLE EVERSINK

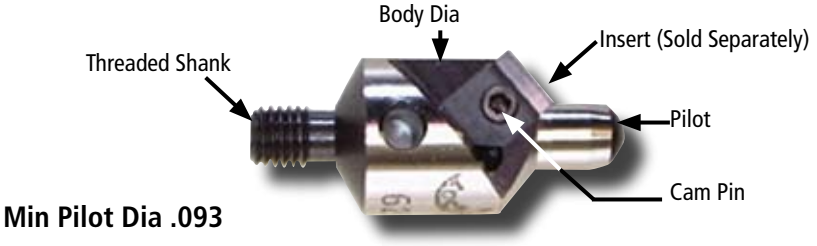


Threaded Shank Countersink 100° & 130°

Cam Pin Part #:
For Pilots Under .200:
101501

Cam Pin Part #:
For Pilots Over .200:
101501L

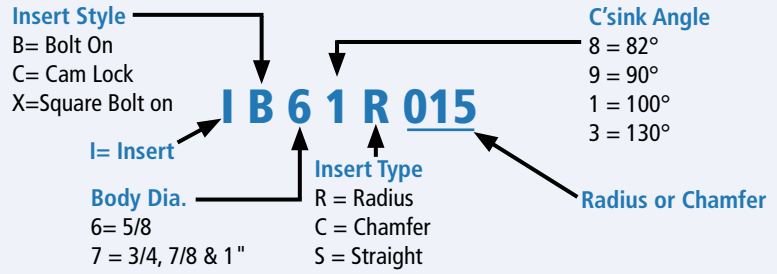
Hex Key:
19325



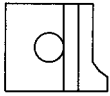
Body Dia	Included Angle	Shank Diameter	Max Pilot Dia *
5/8	100°	1/4-28	.281
5/8	130°	1/4-28	.269
3/4	100°	3/8-24	.296
7/8	100°	3/8-24	.421
7/8	130°	3/8-24	.327
1	100°	7/16-20	.546
1	130°	7/16-20	.452



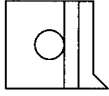
EVERSINK INSERTS



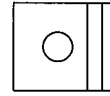
Cam-Lock Style



RADIUS STYLE



DOUBLE ANGLE STYLE

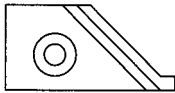


STRAIGHT STYLE

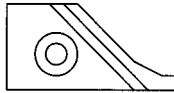
Insert Number	Included Angle	Body Diameter	Insert Style
IC68S000	82°/ 90°	5/8	Straight
IC78S000	82°/ 90°	3/4-1"	Straight
IC61C025	100°	5/8	25° Double Angle
IC71C025	100°	3/4-1"	25° Double Angle
IC61R020	100°	5/8	.020 Radius
IC71R035	100°	3/4-1"	.035 Radius
IC63R025	130°	5/8	.025 Radius
IC63R030	130°	5/8	.030 Radius
IC73R025	130°	7/8-1"	.025 Radius
IC73R035	130°	7/8-1"	.030 Radius

*Other Fillet Radii Available

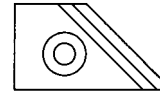
Bolt-On Style



RADIUS STYLE



DOUBLE ANGLE
STYLE



STRAIGHT STYLE

Insert Number	Included Angle	Body Diameter	Insert Style
IB68S000	82°	5/8	Straight
IB69S000	90°	5/8	Straight
IB78S000	82°	3/4-1"	Straight
IB79S000	90°	3/4-1"	Straight
IB61C025	100°	5/8	25° Double Angle
IB71C025	100°	3/4-1"	25° Double Angle
IB61R020	100°	5/8	.020 Radius
IB71R035	100°	3/4-1"	.035 Radius
IB63R025	130°	5/8	.025 Radius
IB63R030	130°	5/8	.030 Radius
IB73R025	130°	7/8-1"	.025 Radius
IB73R030	130°	7/8-1"	.030 Radius

*Other Fillet Radii Available

*PCD Tipped Cam Lock & Bolt on Inserts are Available; Call for Pricing

HSS Threaded Shank Countersinks

*All body diameters 3/8" through 5/8" have 1/4 - 28 threaded shanks

*All stock standard countersinks in the charts below have three flutes

82° HSS Countersink			100° HSS Countersink			130° HSS Countersink		
Part #	Body Dia	Pilot Dia	Part #	Body Dia	Pilot Dia	Part #	Body Dia	Pilot Dia
HT-33-8-094	3/8	3/32	HT-33-1-094	3/8	3/32	HT-33-3-094	3/8	3/32
HT-33-8-125	3/8	1/8	HT-33-1-098	3/8	# 40	HT-33-3-098	3/8	# 40
HT-33-8-156	3/8	5/32	HT-33-1-125	3/8	1/8	HT-33-3-125	3/8	1/8
HT-33-8-187	3/8	3/16	HT-33-1-128	3/8	# 30	HT-33-3-128	3/8	# 30
HT-34-8-094	7/16	3/32	HT-33-1-156	3/8	5/32	HT-33-3-156	3/8	5/32
HT-34-8-125	7/16	1/8	HT-33-1-159	3/8	# 21	HT-33-3-159	3/8	# 21
HT-34-8-156	7/16	5/32	HT-33-1-161	3/8	# 20	HT-33-3-161	3/8	# 20
HT-34-8-187	7/16	3/16	HT-33-1-187	3/8	3/16	HT-33-3-187	3/8	3/16
HT-35-8-094	1/2	3/32	HT-33-1-191	3/8	# 11	HT-33-3-191	3/8	# 11
HT-35-8-125	1/2	1/8	HT-33-1-193	3/8	# 10	HT-33-3-193	3/8	# 10
HT-35-8-156	1/2	5/32	HT-34-1-094	7/16	3/32	HT-35-3-094	1/2	3/32
HT-35-8-187	1/2	3/16	HT-34-1-125	7/16	1/8	HT-35-3-098	1/2	# 40
HT-36-8-094	5/8	3/32	HT-34-1-156	7/16	5/32	HT-35-3-125	1/2	1/8
HT-36-8-125	5/8	1/8	HT-34-1-187	7/16	3/16	HT-35-3-128	1/2	# 30
HT-36-8-156	5/8	5/32	HT-35-1-094	1/2	3/32	HT-35-3-156	1/2	5/32
HT-36-8-187	5/8	3/16	HT-35-1-098	1/2	# 40	HT-35-3-159	1/2	# 21
HT-36-8-250	5/8	1/4	HT-35-1-125	1/2	1/8	HT-35-3-161	1/2	# 20
HT-36-8-312	5/8	5/16	HT-35-1-128	1/2	# 30	HT-35-3-187	1/2	3/16
90° HSS Countersink			HT-35-1-156	1/2	5/32	HT-35-3-191	1/2	# 11
			HT-35-1-159	1/2	# 21	HT-35-3-193	1/2	# 10
Part #			HT-35-1-161	1/2	# 20	Call for price and delivery on other body diameters, pilot diameters, flute configurations or alternative threaded shanks.		
Body Dia			HT-35-1-187	1/2	3/16			
Pilot Dia			HT-35-1-191	1/2	# 11			
HT-33-9-094	3/8	3/32	HT-35-1-193	1/2	# 10			
HT-33-9-125	3/8	1/8	HT-36-1-094	5/8	3/32			
HT-33-9-156	3/8	5/32	HT-36-1-125	5/8	1/8			
HT-33-9-187	3/8	3/16	HT-36-1-156	5/8	5/32			
HT-34-9-094	7/16	3/32	HT-36-1-187	5/8	3/16			
HT-34-9-125	7/16	1/8	HT-36-1-250	5/8	1/4			
HT-34-9-156	7/16	5/32	HT-36-1-312	5/8	5/16			
HT-34-9-187	7/16	3/16						
HT-35-9-094	1/2	3/32						
HT-35-9-125	1/2	1/8						
HT-35-9-156	1/2	5/32						
HT-35-9-187	1/2	3/16						
HT-36-9-094	5/8	3/32						
HT-36-9-125	5/8	1/8						
HT-36-9-156	5/8	5/32						
HT-36-9-187	5/8	3/16						
HT-36-9-250	5/8	1/4						
HT-36-9-312	5/8	5/16						



Reverse Spot Facer



BODIES		
Part #	Diameter	Pilot Hole
RSF-250-094	1/4	3/32
RSF-250-125	1/4	1/8
RSF-312-125	5/16	1/8
RSF-312-156	5/16	5/32
RSF-375-156	3/8	5/32
RSF-375-188	3/8	3/16
RSF-437-156	7/16	5/32
RSF-437-188	7/16	3/16
RSF-500-188	1/2	3/16
RSF-500-250	1/2	1/4
RSF-562-188	9/16	3/16
RSF-562-250	9/16	1/4
RSF-625-250	5/8	1/4
RSF-625-312	5/8	5/16
RSF-687-250	11/16	1/4
RSF-687-312	11/16	5/16
RSF-750-250	3/4	1/4
RSF-750-312	3/4	5/16
RSF-875-312	7/8	5/16
RSF-875-375	7/8	3/8
RSF-1.000-312	1	5/16
RSF-1.000-375	1	3/8
RSF-1.250-375	1-1/4	3/8
RSF-1.250-500	1-1/4	1/2

PILOTS	
Part #	Pilot Dia.
PB-094-6	3/32
PB-125-6	1/8
PB-156-6	5/32
PB-187-6	3/16
PB-250-6	1/4
PB-312-6	5/16
PB-375-6	3/8
PB-500-6	1/2

- Made From HSS
 - Standard Radius .030
 - Other Radii Available Upon Request
- Pilots are 6" OAL, Other Sizes Available Upon Request.**



Intrepid Aero Tool



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