



Southeast TOOL

High Performance Cutting Tools
for
Wood, Plastic and Aluminum



To manufacture quality tooling
you need the best machinery.



Southeast Tool, Inc.

OUR MISSION STATEMENT

1. To satisfy the customers needs.
2. To provide the highest quality tooling available at the most competitive price.
3. To help and assist the customer with custom manufactured tooling and application issues as well.
4. To trouble shoot and solve the problem.

TERMS AND CONDITIONS OF SALES

Terms: All accounts will be given Net 30-day terms if credit is deemed satisfactory by the credit department. A 1-1/2% service charge will be added to all accounts past due. Any account over 60 days will be placed on credit hold until the account is brought current. All invoices correspond with date of shipment, not receipt of goods or invoice. **A \$25.00 service charge will be added for all returned checks. A \$15.00 service charge will be added for all invoices paid by wire transfer.** Southeast Tool, Inc. sells only through a vast network of distributors world wide. Please call or e-mail for the one in your area. Prices subject to change without notice.

Freight Policy: F.O.B. Conover NC. Any shortages in transit should be filed with the carrier. Any other shortages should be filed with Southeast Tool, Inc. no more than 10 days after receiving goods. Catalog orders over \$500.00 net will be shipped free ground freight prepaid within the continental USA; this excludes truck shipments.

Drop Shipments: All drop shipments are subject to regular terms and minimum order requirements. COD drop shipments will not be accepted.

Product Guarantee: All tools are warranted to be free from defects in workmanship. Due to the inherent nature of solid carbide, we cannot guarantee this material. **All warranties are void if tools are altered in any way (including sharpening).**

Returning Goods: All returns must be given prior consent by the company. A RGA # will be issued and must be clearly placed on the outside of the package. Southeast Tool, Inc. reserves the right to charge a 20% restocking fee. A copy of the invoice must also accompany the return. This applies to tools ordered in error and returned for exchange. Any tool returned for credit must be a current catalog item and must be returned in original packaging and in resalable condition. The correct tool must have been ordered or an off setting order placed. **No tools will be accepted for return after one year from date of purchase.** Southeast Tool, Inc. assumes no liability for returned goods. It is the shipper's responsibility to package the tools in a manner as to avoid damage in transit. Returned freight must be prepaid.

Orders: Orders must be a **minimum of \$50.00 net.** A \$4.00 charge does apply to orders under the minimum. Orders may be placed with Southeast Tool, Inc. by phone, fax, mail, internet, or e-mail. Since orders are processed continually throughout the day, add-ons to orders cannot be guaranteed to ship with other orders that have already been processed.

Special Tooling: Because of the vast resources of Southeast Tool, Inc., we can quote on almost any cutting tool that you or your customer may need. Please send a detail sketch or wood sample for a quotation. You may also e-mail drawings or photos to **quotes@southeasttool.com.** To expedite the quote please include the following: cutting diameter, cutting length, shank diameter, overall length, number of flutes, cutting rotation (i.e. RH or LH). We reserve the right to consider an order complete with 20% over or under ordered quantity. **Specials are not subject to return or cancellation.** Custom tooling may require a deposit prior to manufacturing. Although every effort is made to produce specialty tooling to a customer's specific needs. Any defects must be noted in writing to Southeast Tools, Inc. within 120 days of invoice date

Safety: Always wear eye and ear protection when working with cutting tools. Do not remove any machine safety guards. The grinding of carbide produces hazardous dust that may be harmful to your health; please use precautions and proper ventilation. Always wash hands before eating or drinking anything after handling carbide products.

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Chip Load Charts

These charts are base on VERY conservative values

CHIP LOAD BASED ON 2 FLUTE TOOLS

FEED RATE	SPINDLE RPM'S IN THOUSANDS									
	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000
50	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001
100	0.005	0.005	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
150	0.008	0.007	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004
200	0.010	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.005
250	0.013	0.011	0.010	0.010	0.009	0.008	0.008	0.007	0.007	0.007
300	0.015	0.014	0.013	0.012	0.011	0.010	0.009	0.009	0.008	0.008
350	0.018	0.016	0.015	0.013	0.013	0.012	0.011	0.010	0.010	0.009
400	0.020	0.018	0.017	0.015	0.014	0.013	0.013	0.012	0.011	0.011
450	0.023	0.020	0.019	0.017	0.016	0.015	0.014	0.013	0.013	0.013
500	0.025	0.023	0.021	0.019	0.018	0.017	0.016	0.015	0.014	0.014
550	0.028	0.025	0.023	0.021	0.020	0.018	0.017	0.016	0.015	0.015
600	0.030	0.027	0.025	0.023	0.021	0.020	0.019	0.018	0.017	0.017
Inches per min.										

CONSERVATIVE VALUES IN THE GRAY

CHIP LOAD BASED ON 3 FLUTE TOOLS

FEED RATE	SPINDLE RPM'S IN THOUSANDS									
	12000	13000	14000	14500	15000	16000	17000	18000	18500	19000
100	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
150	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
200	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004
250	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.004
300	0.008	0.008	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005
350	0.010	0.009	0.008	0.008	0.008	0.007	0.007	0.006	0.006	0.006
400	0.011	0.010	0.010	0.009	0.009	0.008	0.008	0.007	0.007	0.007
450	0.013	0.012	0.011	0.010	0.010	0.009	0.009	0.008	0.008	0.008
500	0.014	0.013	0.012	0.011	0.011	0.010	0.010	0.009	0.009	0.009
550	0.015	0.014	0.013	0.013	0.012	0.011	0.011	0.010	0.010	0.010
600	0.017	0.015	0.014	0.014	0.013	0.013	0.012	0.011	0.011	0.011
650	0.018	0.017	0.015	0.015	0.014	0.014	0.013	0.012	0.012	0.012
700	0.019	0.018	0.017	0.016	0.016	0.015	0.014	0.013	0.013	0.013
Inches per min.										

CONSERVATIVE VALUES IN THE GRAY

A RANGE OF .007 TO .012 CHIP LOAD IS IDEAL
TO LITTLE CHIP LOAD AND YOU BURN UP THE TOOL
TO HIGH A CHIP LOAD AND YOU BREAK THE TOOL

It is very likely that you will have good results up to 0.017 chip load.

If you would like to calculate your chip load use this formula: Feed Rate in inches per minute divided by RPM's divided by number of cutting edges. Example: Feed Rate of 500in/min divided by 18,000

RPM's divided by 2 (2 flute tool) equals 0.014 chip load.

Find this and other useful tools on our website at www.southeasttool.com

Solid Carbide Bits

FLUSH TRIM BITS



SCF200

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SCF200	1/4"	1/4"	1/4"	1-1/2"
SCF203	1/4"	3/8"	1/4"	1-1/2"
*SCF205	1/4"	3/8"	1/4"	2"

*Does not have rounded end.

FLUSH TRIM BITS

Small Pilot for Shallow Dado



SCD210

Part Number	Cutting Diameter	Cutting Length	Overall Length	
SCD210	1/4"	1/4"	1-1/2"	Flush
SCD215	1/4"	1/4"	1-1/2"	7 Degree

7° BEVEL TRIM BITS W/PILOT



SCB220

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SCB220	1/4"	1/4"	1/4"	1-1/2"
*SCB220LH	1/4"	1/4"	1/4"	1-1/2"

*Left Hand Rotation

FLUSH & 7° BEVEL TRIM BITS



SCFB230

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SCFB230	1/4"	3/8"	1/4"	1-1/2"

ROUND BOTTOM VEINING BITS

1/4" SHANK, 1 FLUTE



SCR273

Part Number	Radius	Cutting Diameter	Cutting Length	Overall Length
SCR271	1/16"	1/8"	1/4"	1-1/2"
SCR273	1/8"	1/4"	1/4"	2"

ROUND BOTTOM VEINING BITS

1/4" SHANK, 2 FLUTE



SCR279

Part Number	Radius	Cutting Diameter	Cutting Length	Overall Length
SCR275	1/16"	1/8"	5/16"	2"
SCR277	3/32"	3/16"	3/8"	2"
SCR279	1/8"	1/4"	3/8"	2"

FLAT BOTTOM VEINING BITS

2 FLUTE



SST198

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SST195	3/32"	5/16"	1/4"	1-1/2"
SST198	1/8"	1/4"	1/4"	2"

SOLID CARBIDE FIBERGLASS BITS



SCFB110

Part Number	Cutting Diameter	Cutting Length	Overall Length	
SCFB100	1/4"	3/4"	2-1/2"	End Mill End
SCFB110	1/4"	3/4"	2-1/2"	Plunge V Pt End
SCFB120	3/8"	7/8"	2-1/2"	End Mill End
SCFB130	3/8"	7/8"	2-1/2"	Plunge V Pt End
SCFB140	1/2"	1"	3"	End Mill End
SCFB150	1/2"	1"	3"	Plunge V Pt End

HOLE & FLUSH TRIM BITS



SCHF240

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SCHF240	1/4"	5/16"	1/4"	2"
SCHF242	1/4"	3/8"	1/4"	1-1/2"
SCHF244	1/4"	1/4"	1/4"	1-1/2"

RIP & SLOTTING BITS



SCRS250

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SCRS250	1/4"	3/8"	1/4"	1-1/2"

V-GROOVING BITS, 1/4" SHANK



SCVG260

Part Number	Cutting Diameter	Cutting Height	Overall Length	Degree
SCVG260	1/4"	1/8"	1-1/2"	90°
SCVG264	1/4"	7/32"	1-1/2"	60°
SCVG264-212	1/4"	7/32"	2-1/2"	60°

FLUSH & 7° BEVEL TRIM BITS

(Double-ended)



SCF200DB

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SCF200DB	1/4"	1/4"	1/4"	2" Flush
SCB220DB	1/4"	1/4"	1/4"	2" Bevel

Solid Carbide Plastic Cutting Bits

For Both Hard and Soft Plastics

O-FLUTE TOOLS FOR PLASTIC, 1 FLUTE



SPL120

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SPL100	1/8"	3/8"	1/4"	2-1/2"
SPL102	1/8"	1/2"	1/4"	2"
SPL103	1/8"	5/8"	1/4"	4"
SPL105	5/32"	1/2"	1/4"	2-1/2"
SPL110	3/16"	1/2"	1/4"	2-1/2"
SPL111	3/16"	5/8"	1/4"	2"
SPL113	3/16"	1"	1/4"	4"
SPL115	7/32"	5/8"	1/4"	2-1/2"
SPL120	1/4"	3/4"	1/4"	2-1/2"
SPL125	1/4"	1"	1/4"	3-1/2"
SPL128	1/4"	1-1/4"	1/4"	4"
SPL130	3/8"	1"	3/8"	3"
SPL134	3/8"	1-5/8"	3/8"	6"
SPL140	1/2"	1"	1/2"	3"
SPL148	1/2"	2-1/8"	1/2"	6"

O-FLUTE TOOLS FOR PLASTIC, 2 FLUTE



SPL225

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SPL210	1/8"	1/2"	1/4"	2"
SPL212	1/8"	5/8"	1/4"	4"
SPL213	5/32"	1/2"	1/4"	2-1/2"
SPL215	3/16"	3/8"	1/4"	2"
SPL216	3/16"	5/8"	1/4"	2"
SPL217	3/16"	1"	1/4"	4"
SPL220	1/4"	1"	1/4"	2-1/2"
SPL222	1/4"	1"	1/4"	3-1/2"
SPL223	1/4"	1-1/4"	1/4"	4"
SPL225	3/8"	7/8"	3/8"	2-1/2"
SPL227	3/8"	1"	3/8"	4"
SPL230	1/2"	1"	1/2"	3"
SPL232	1/2"	1"	1/2"	4"

SOLID CARBIDE O-FLUTE TOOLS FOR PLASTIC, 1 FLUTE, LH ROTATION



SPL120LH

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SPL100LH	1/8"	3/8"	1/4"	2-1/2"
SPL105LH	5/32"	1/2"	1/4"	2-1/2"
SPL110LH	3/16"	1/2"	1/4"	2-1/2"
SPL120LH	1/4"	3/4"	1/4"	2-1/2"

SOLID CARBIDE O-FLUTE SPIRALS, 1 FLUTE

General Purpose



SOU120

Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SOU100	SOD200	1/8"	3/8"	1/4"	2-1/2"
SOU110	SOD210	3/16"	1/2"	1/4"	2-1/2"
SOU120	SOD220	1/4"	3/4"	1/4"	2-1/2"
SOU123	SOD223	1/4"	1-1/4"	1/4"	3"
SOU135	SOD235	3/8"	1"	3/8"	3"
SOU136	SOD236	3/8"	1-5/8"	3/8"	3-1/2"
SOU160	SOD260	1/2"	1-5/8"	1/2"	3-1/2"

Solid Carbide Plastic Cutting Bits

For Hard and Soft Plastics, Aluminum also

SOLID CARBIDE O-FLUTE SPIRALS, 1 FLUTE *Hard Plastics and Aluminum*



Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SOU300	N/A	1/8"	1/4"	1/4"	2"
SOU302	SOD402	1/8"	1/2"	1/4"	2"
SOU311	N/A	3/16"	3/8"	1/4"	2"
SOU313	SOD413	3/16"	5/8"	1/4"	2"
SOU320	N/A	1/4"	3/8"	1/4"	2"
SOU323	SOD423	1/4"	3/4"	1/4"	2-1/2"
SOU326	SOD426	1/4"	1-1/4"	1/4"	3"
SOU332	N/A	3/8"	5/8"	3/8"	2-1/2"
SOU335	SOD435	3/8"	1-1/8"	3/8"	3"
SOU338	N/A	3/8"	1-5/8"	3/8"	3-1/2"
SOU345	SOD445	1/2"	1-5/8"	1/2"	3-1/2"

SOLID CARBIDE O-FLUTE SPIRALS, 1 FLUTE *Soft Plastics*



Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SOU500	N/A	1/8"	1/4"	1/4"	2"
SOU502	SOD602	1/8"	1/2"	1/4"	2"
SOU511	N/A	3/16"	3/8"	1/4"	2"
SOU513	SOD613	3/16"	5/8"	1/4"	2"
SOU520	N/A	1/4"	3/8"	1/4"	2"
SOU523	SOD623	1/4"	3/4"	1/4"	2-1/2"
SOU526	SOD626	1/4"	1-1/4"	1/4"	3"
SOU532	N/A	3/8"	5/8"	3/8"	2-1/2"
SOU535	SOD635	3/8"	1-1/8"	3/8"	3"
SOU538	N/A	3/8"	1-5/8"	3/8"	3-1/2"
SOU545	SOD645	1/2"	1-5/8"	1/2"	3-1/2"

O-FLUTE Slow Spiral Upcut Spiral 2 Flute



Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SOU720	N/A	1/4"	3/8"	1/4"	2-1/2"
SOU723	SOD823	1/4"	3/4"	1/4"	2-1/2"
SOU734	N/A	3/8"	1"	3/8"	3"
SOU742	N/A	1/2"	1-1/8"	1/2"	3-1/2"
SOU745	N/A	1/2"	1-5/8"	1/2"	3-1/2"
SOU748	N/A	1/2"	2-1/8"	1/2"	4-1/2"

O-FLUTE Upcut Spiral 2 Flute



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SOU920	1/4"	3/8"	1/4"	2-1/2"
SOU926	1/4"	1-1/4"	1/4"	3"
SOU934	3/8"	1"	3/8"	3"
SOU937	3/8"	1-1/2"	3/8"	4"
SOU943	1/2"	1-1/4"	1/2"	4"
SOU948	1/2"	2-1/8"	1/2"	4"

Solid Carbide Plastic Cutting Bits

For Both Hard and Soft Plastics POLISHED MULTI-GRIND

O-FLUTE, 1 Flute



SPOU120

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SPOU100	1/8"	1/2"	1/4"	2-1/2"
SPOU110	3/16"	5/8"	1/4"	2-1/2"
SPOU120	1/4"	3/4"	1/4"	2-1/2"



SPR220

SOLID CARBIDE RADIUS O-FLUTE, 1 Flute & 2 Flute (1/4 Shank)

1 Flute Part Number	2 Flute Part Number	Cutting Diameter	Cutting Length	Overall Length	Radius	Opening	Material	Sm Dia
SPR200	SPR300	1/4"	3/8"	2-1/2"	1/8"	5/32"	1/8"	.195
SPR210	SPR310	1/4"	3/8"	2-1/2"	3/16"	7/32"	3/16"	.180
SPR220	SPR320	1/4"	3/8"	2-1/2"	1/4"	9/32"	1/4"	.163



SPR400

SOLID CARBIDE RADIUS O-FLUTE SPIRAL 1 Flute

Part Number	Cutting Diameter	Cutting Length	Overall Length	Radius	Opening	Material	Sm Dia	Shank
SPR400	1/4"	3/8"	2-1/2"	1/8"	5/32"	1/8"	.195	1/4"
SPR410	1/4"	3/8"	2-1/2"	3/16"	7/32"	3/16"	.180	1/4"
SPR420	1/4"	3/8"	2-1/2"	1/4"	9/32"	1/4"	.163	1/4"

CARBIDE TIPPED PLASTIC SAW (TRIPLE CHIP GRIND)



SPS2-16-095



SPSARBOR-12

Part Number	Cutting Diameter	Wings	Hook	Kerf	Bore	RPM	Feed (IPM)
SPS2-16-095	2"	16	0°	.095	5/8"	18,000	125 to 175
SPS25-16-095	2-1/2"	16	0°	.095	5/8"	16,000	125 to 175
SPS3-16-095	3"	16	0°	.095	5/8"	14,000	125 to 175
SPS35-16-095	3-1/2"	16	0°	.095	5/8"	12,000	125 to 175

ARBORS FOR PLASTIC SAWS

Part Number	Flange Diameter	Shank Diameter	Overall Length
SPSARBOR-12	1-1/4"	1/2"	3-1/4"
SPSARBOR-12-412	1-1/4"	1/2"	4-1/2"
SPSARBOR-58	1-1/4"	5/8"	3-1/4"

Solid Carbide Straight Cut Bits

SOLID CARBIDE, 1 FLUTE

STRAIGHT BITS



SST120

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SST100	1/16"	1/4"	1/4"	1-1/2"
SST110	1/8"	3/8"	1/4"	1-1/2"
SST120	1/4"	3/4"	1/4"	2"
SST130	1/4"	1"	1/4"	2-1/2"

Solid Carbide Straight Cut Bits

SOLID CARBIDE, 2 FLUTE

STRAIGHT BITS

For plastics or wood



SST245

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SST203-18	1/8"	1/2"	1/8"	1-1/2"
SST195	3/32"	5/16"	1/4"	1-1/2"
SST198	1/8"	1/4"	1/4"	2"
SST200	1/8"	3/8"	1/4"	2"
SST203	1/8"	3/8"	1/4"	1-1/2"
SST205	5/32"	3/8"	1/4"	2"
SST207	5/32"	3/8"	1/4"	1-1/2"
SST210	3/16"	1/2"	1/4"	2"
SST213	3/16"	1/2"	1/4"	1-1/2"
SST214	3/16"	5/8"	1/4"	2"
SST215	7/32"	3/4"	1/4"	2"
SST220	1/4"	3/4"	1/4"	2"
SST223	1/4"	3/4"	1/4"	2-1/2"
SST225	1/4"	1"	1/4"	2-1/2"
SST230	1/4"	1"	1/4"	3"
SST235	5/16"	1"	5/16"	2-1/2"
SST240	3/8"	1"	3/8"	2-1/2"
SST241	3/8"	1"	3/8"	3"
SST245	3/8"	1-1/4"	3/8"	3"
SST250	1/4"	3/4"	1/2"	3"
SST255	5/16"	1"	1/2"	3"
SST260	3/8"	1"	1/2"	3"
SST265	1/2"	1-1/8"	1/2"	3"
SST270	1/2"	1-1/4"	1/2"	3"
SST275	1/2"	1-5/8"	1/2"	3-1/2"
SST280	1/2"	2"	1/2"	4"

Micro-Grain Solid Carbide Spiral Bits

SPIRAL FLUSH TRIM BIT, 2 FLUTE



SFTU120

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SFTU120	SFTD220	1/4"	1"	1/4"	3"
SFTU155	SFTD255	1/2"	1-1/4"	1/2"	3-1/2"
SFTU165	SFTD265	1/2"	2"	1/2"	4-1/2"

SPIRAL FLUSH TRIM BIT COMPRESSION, 2+2



SFTUD555

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SFTUD555	1/2"	1-1/4"	1/2"	4"

REPLACEMENT BEARINGS	1/4" BITS	SBE100
	1/2" BITS	SBE145
REPLACEMENT RINGS	1/4" BITS	SE-E25
	1/2" BITS	SE-E12

Micro-Grain Solid Carbide Spiral Bits

2 FLUTE RIGHT-HAND ROTATION



Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU090	N/A	1/16"	1/4"	1/8"	1-1/2"
SRU092	N/A	1/8"	1/2"	1/8"	1-1/2"
SRU102	SRD202	3/32"	1/2"	1/4"	2"
SRU103	SRD203	1/8"	1/2"	1/4"	2"
N/A	SRD203-34	1/8"	3/4"	1/4"	2-1/2"
SRU105	SRD205	5/32"	3/4"	1/4"	2"
SRU110	SRD210	3/16"	3/4"	1/4"	2"
SRU113	SRD213	5MM	3/4"	1/4"	2"
SRU115	SRD215	7/32"	3/4"	1/4"	2"
SRU118	SRD218	1/4"	3/4"	1/4"	2-1/2"
SRU120	SRD220	1/4"	1"	1/4"	2-1/2"
SRU121	N/A	1/4"	1"	1/4"	3-3/8"
SRU123	SRD223	1/4"	1-1/4"	1/4"	3"
N/A	SRD224A	9/32"	1"	5/16"	2-1/2"
N/A	SRD224B	9/32"	1"	3/8"	2-1/2"
SRU124	SRD224	9/32"	1"	1/2"	3"
SRU125	SRD225	5/16"	1"	5/16"	3"
N/A	SRD227	5/16"	1-1/8"	5/16"	3"
SRU130	SRD230	5/16"	1"	1/2"	3"
SRU133	SRD233	8MM	25MM	8MM	65MM
SRU135	SRD235	3/8"	1"	3/8"	3"
SRU137	SRD237	3/8"	1-1/4"	3/8"	3"
SRU145	SRD245	3/8"	1-1/4"	1/2"	3"
N/A	SRD250A	7/16"	1"	1/2"	3"
SRU150	SRD250	7/16"	1-1/4"	1/2"	3"
SRU153	SRD253	1/2"	1"	1/2"	3"
SRU155	SRD255	1/2"	1-1/4"	1/2"	3"
SRU160	SRD260	1/2"	1-5/8"	1/2"	3-1/2"
SRU163	SRD263	1/2"	1-3/4"	1/2"	4"
SRU165	SRD265	1/2"	2"	1/2"	4"
SRU167	SRD267	1/2"	2-1/8"	1/2"	4"
SRU169	SRD269	17/32"	1-1/4"	1/2"	3-1/2"
SRU170	SRD270	9/16"	1-1/4"	1/2"	3"
SRU175	SRD275	5/8"	1-1/2"	5/8"	3-1/2"
SRU180	SRD280	5/8"	2"	5/8"	4"
SRU185	SRD285	3/4"	1-1/2"	3/4"	4"
SRU190	SRD290	3/4"	2"	3/4"	4"
SRU191	SRD291	3/4"	2-1/8"	3/4"	4"
SRU192	SRD292	3/4"	2-1/2"	3/4"	5"
SRU193	SRD293	3/4"	3"	3/4"	6"
SRU195	SRD295	3/4"	3-1/4"	3/4"	6"
SRU197	SRD297	3/4"	3-1/2"	3/4"	6"

**SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE.
SHARPENING SERVICE IS AVAILABLE FROM SOUTHEAST TOOL, CALL FOR PRICES.**

Micro-Grain Solid Carbide Spiral Bits

Chipbreakers can be added to any solid carbide bit, by adding CB to end of part number: SRU160CB

CHIPBREAKER 2 FLUTE RIGHT-HAND ROTATION

Best selling chipbreaker tools

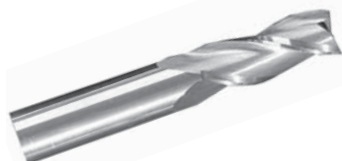
Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU137CB	SRD237CB	3/8"	1-1/4"	3/8"	3"
SRU155CB	SRD255CB	1/2"	1-1/4"	1/2"	3"
SRU160CB	SRD260CB	1/2"	1-5/8"	1/2"	3-1/2"
SRU165CB	SRD265CB	1/2"	2"	1/2"	4"
SRU167CB	SRD267CB	1/2"	2-1/8"	1/2"	4"
SRU180CB	SRD280CB	5/8"	2"	5/8"	4"
SRU190CB	SRD290CB	3/4"	2"	3/4"	4"
SRU193CB	SRD293CB	3/4"	3"	3/4"	6"



SRD260CB

3 FLUTE RIGHT-HAND ROTATION

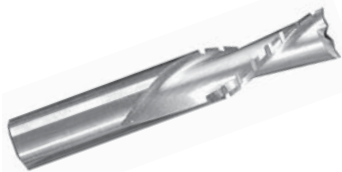
Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU440T	SRD540T	3/8"	1-1/4"	3/8"	3"
SRU455T	SRD555T	1/2"	1-1/4"	1/2"	3"
SRU460T	SRD560T	1/2"	1-5/8"	1/2"	3-1/2"
SRU465T	SRD565T	1/2"	2"	1/2"	4"
SRU480T	SRD580T	5/8"	2"	5/8"	4"
SRU485T	SRD585T	3/4"	1-1/2"	3/4"	4"
SRU490T	SRD590T	3/4"	2"	3/4"	4"
SRU495T	SRD595T	3/4"	3"	3/4"	6"



SRU455T

CHIPBREAKER 3 FLUTE RIGHT-HAND ROTATION

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU440TCB	SRD540TCB	3/8"	1-1/4"	3/8"	3"
SRU455TCB	SRD555TCB	1/2"	1-1/4"	1/2"	3"
SRU460TCB	SRD560TCB	1/2"	1-5/8"	1/2"	3-1/2"
SRU465TCB	SRD565TCB	1/2"	2"	1/2"	4"
SRU480TCB	SRD580TCB	5/8"	2"	5/8"	4"
SRU485TCB	SRD585TCB	3/4"	1-1/2"	3/4"	4"
SRU490TCB	SRD590TCB	3/4"	2"	3/4"	4"
SRU495TCB	SRD595TCB	3/4"	3"	3/4"	6"



SRD560TCB

RUFFER 3 FLUTE SPIRALS ~ Hoppers

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU320RUF	SRD420RUF	3/8"	7/8"	3/8"	2-1/2"
SRU340RUF	SRD440RUF	3/8"	1-1/4"	3/8"	3"
SRU346RUF	SRD446RUF	3/8"	1-3/4"	3/8"	4"
SRU350RUF	SRD450RUF	1/2"	1-1/4"	1/2"	3"
SRU360RUF	SRD460RUF	1/2"	1-1/2"	1/2"	3-1/2"
SRU368RUF	SRD468RUF	1/2"	1-3/4"	1/2"	4"
SRU370RUF	SRD470RUF	1/2"	2"	1/2"	4"
SRU367RUF	SRD467RUF	1/2"	2-1/4"	1/2"	4"
SRU380RUF	SRD480RUF	5/8"	2"	5/8"	4"
SRU390RUF	SRD490RUF	3/4"	2"	3/4"	4"
SRU392RUF	SRD492RUF	3/4"	2-1/2"	3/4"	5"
SRU393RUF	SRD493RUF	3/4"	3"	3/4"	6"
SRU395RUF	SRD495RUF	3/4"	3-1/4"	3/4"	6"
SRU397RUF	SRD497RUF	3/4"	3-1/2"	3/4"	6"



SRD460RUF

*For Castle Machine.

SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE.
SHARPENING SERVICE IS AVAILABLE FROM SOUTHEAST TOOL, CALL FOR PRICES.

Micro-Grain Solid Carbide Spiral Bits

RUFFER 3 FLUTE SLOW SPIRALS ~ Hogs

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU513SLRUF	SRD613SLRUF	3/8"	1-1/4"	3/8"	3"
N/A	SRD614SLRUF	3/8"	1-1/4"	3/8"	3-1/2"
SRU523SLRUF	N/A	1/2"	1-1/8"	1/2"	3-1/2"
N/A	SRD625SLRUF	1/2"	1-1/4"	1/2"	3-1/2"
N/A	SRD626SLRUF	1/2"	1-1/2"	1/2"	4"
SRU527SLRUF	SRD627SLRUF	1/2"	1-5/8"	1/2"	4"
SRU528SLRUF	N/A	1/2"	1-3/4"	1/2"	4"
SRU534SLRUF	N/A	5/8"	1-5/8"	5/8"	4"
SRU537SLRUF	SRD637SLRUF	5/8"	2-1/8"	5/8"	5"
SRU542SLRUF	N/A	3/4"	1-5/8"	5/8"	4"
SRU545SLRUF	SRD645SLRUF	3/4"	2"	3/4"	5"



SRU523SLRUF

Great for Problem Applications



SRU600SL

3 FLUTE SLOW SPIRAL RIGHT-HAND ROTATION

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU602SL	SRD702SL	1/4"	1"	1/4"	2-1/2"
SRU611SL	N/A	3/8"	3/4"	3/8"	3"
SRU613SL	SRD713SL	3/8"	1-1/4"	3/8"	3"
SRU621SL	N/A	1/2"	3/4"	1/2"	3"
SRU623SL	N/A	1/2"	1-1/8"	1/2"	3"
N/A	SRD724SL	1/2"	1-1/8"	1/2"	3-1/2"
SRU625SL	SRD725SL	1/2"	1-1/4"	1/2"	3"
SRU626SL	SRD726SL	1/2"	1-1/2"	1/2"	3-1/2"
SRU627SL	N/A	1/2"	1-1/2"	1/2"	4"
N/A	SRD728SL	1/2"	1-5/8"	1/2"	4"
SRU629SL	SRD729SL	1/2"	1-3/4"	1/2"	4"
SRU645SL	SRD745SL	3/4"	2"	3/4"	4"
SRU648SL	N/A	3/4"	3"	3/4"	6"

2 FLUTE LEFT-HAND ROTATION

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SLU300	SLD400	1/8"	1/2"	1/4"	2"
SLU310	SLD410	3/16"	3/4"	1/4"	2"
SLU315	SLD415	7/32"	3/4"	1/4"	2"
SLU320	SLD420	1/4"	1"	1/4"	2-1/2"
SLU325	SLD425	5/16"	1"	5/16"	3"
SLU330	SLD430	3/8"	1"	3/8"	3"
SLU335	SLD435	7/16"	1-1/4"	1/2"	3"
SLU340	SLD440	1/2"	1-1/4"	1/2"	3"
SLU345	SLD445	1/2"	1-1/2"	1/2"	3-1/2"
SLU350	SLD450	1/2"	2"	1/2"	4"
SLU355	SLD455	5/8"	1-1/2"	5/8"	3-1/2"
SLU360	SLD460	5/8"	2"	5/8"	4"
SLU365	SLD465	3/4"	1-1/2"	3/4"	4"
SLU370	SLD470	3/4"	2"	3/4"	4"



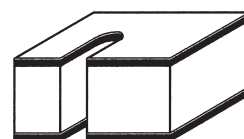
SLU345

1+1 COMPRESSION (UP-DOWN) SPIRALS RIGHT-HAND ROTATION

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SUD500	1/4"	1"	1/4"	2-1/2"
SUD505	3/8"	1-1/4"	3/8"	3"
SUD506	3/8"	1-1/4"	3/8"	3"
SUD509	1/2"	1-1/8"	1/2"	3"
SUD510	1/2"	1-1/4"	1/2"	3"
SUD512	1/2"	1-3/8"	1/2"	3-1/2"
SUD515	1/2"	1-5/8"	1/2"	3-1/2"
SUD531	5/8"	2-1/8"	5/8"	4"



SUD515



Micro-Grain Solid Carbide Spiral Bits

2+2 COMPRESSION (UP-DOWN) SPIRALS RIGHT-HAND ROTATION



SUD560

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
* SUD448	1/4"	1"	1/4"	2-1/2"
* SUD460	5/16"	1-1/4"	5/16"	3"
* SUD462	5/16"	1"	5/16"	3"
* SUD550	3/8"	1-1/4"	3/8"	3"
SUD551	3/8"	1-1/4"	3/8"	3"
* SUD551A	3/8"	1-1/2"	3/8"	3"
* SUD553	1/2"	1"	1/2"	3"
SUD553A	1/2"	1"	1/2"	3-1/2"
SUD554	1/2"	1-1/8"	1/2"	3"
SUD555	1/2"	1-1/4"	1/2"	3"
* SUD557	1/2"	1-1/4"	1/2"	3"
SUD560	1/2"	1-3/8"	1/2"	3-1/2"
SUD565	1/2"	1-5/8"	1/2"	3-1/2"
* SUD567	1/2"	1-5/8"	1/2"	3-1/2"
SUD570	1/2"	1-5/8"	1/2"	4"
SUD571	1/2"	1-3/4"	1/2"	4"
SUD573	1/2"	2"	1/2"	4"
SUD575	5/8"	1-1/2"	5/8"	4"
SUD580	5/8"	2"	5/8"	4"
SUD585	3/4"	1-1/2"	3/4"	4"
SUD590	3/4"	2"	3/4"	4"
SUD592	3/4"	2-1/2"	3/4"	4"
SUD594	3/4"	3"	3/4"	6"

**3/16" Upcut For Mortise Cuts*

2+2 COMPRESSION (UP-DOWN) SPIRALS RIGHT-HAND ROTATION CHIPBREAKER



SUD560

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
* SUD448CB	1/4"	1"	1/4"	2-1/2"
SUD462CB	5/16"	1"	5/16"	3"
SUD550CB	3/8"	1-1/4"	3/8"	3"
SUD551CB	3/8"	1-1/4"	3/8"	3"
* SUD551ACB	3/8"	1-1/2"	3/8"	3"
* SUD553CB	1/2"	1"	1/2"	3"
* SUD553ACB	1/2"	1"	1/2"	3-1/2"
SUD554CB	1/2"	1-1/8"	1/2"	3"
SUD555CB	1/2"	1-1/4"	1/2"	3"
* SUD557CB	1/2"	1-1/4"	1/2"	3"
SUD560CB	1/2"	1-3/8"	1/2"	3-1/2"
* SUD565CB	1/2"	1-5/8"	1/2"	3-1/2"
SUD567CB	1/2"	1-5/8"	1/2"	3-1/2"
SUD570CB	1/2"	1-5/8"	1/2"	4"
SUD571CB	1/2"	1-3/4"	1/2"	4"
SUD573CB	1/2"	2"	1/2"	4"
SUD575CB	5/8"	1-1/2"	5/8"	4"
SUD580CB	5/8"	2"	5/8"	4"
SUD585CB	3/4"	1-1/2"	3/4"	4"
SUD590CB	3/4"	2"	3/4"	4"
SUD592CB	3/4"	2-1/2"	3/4"	4"
SUD594CB	3/4"	3"	3/4"	6"

**3/16" Upcut For Mortise Cuts*

Micro-Grain Solid Carbide Spiral Bits

2+2 MORTISE COMPRESSION BITS

RIGHT-HAND ROTATION, 3/16" UPCUT



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SUD448	1/4"	1"	1/4"	2-1/2"
SUD460	5/16"	1-1/4"	5/16"	3"
SUD462	5/16"	1"	5/16"	3"
SUD551	3/8"	1-1/4"	3/8"	3"
SUD553	1/2"	1"	1/2"	3"
SUD553A	1/2"	1"	1/2"	3-1/2"
SUD557	1/2"	1-1/4"	1/2"	3"
SUD567	1/2"	1-5/8"	1/2"	3-1/2"



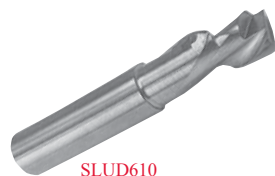
→ Designed with special carbide and grinding angles for high wear applications.



→ Designed with special carbide and grinding angles for high wear applications.



→ Designed with special carbide and grinding angles for high wear applications.



2+2 COMPRESSION SPIRAL – MD

MD Section Tools are for MDF and Laminates

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SMDUD550	3/8"	1-1/4"	3/8"	3"
SMDUD554	1/2"	1-1/8"	1/2"	3"
SMDUD555	1/2"	1-1/4"	1/2"	3"
SMDUD560	1/2"	1-3/8"	1/2"	3-1/2"
SMDUD565	1/2"	1-5/8"	1/2"	3-1/2"
SMDUD571	1/2"	1-3/4"	1/2"	3-1/2"
SMDUD573	1/2"	2"	1/2"	4"

2+2 MORTISE COMPRESSION BIT – MD, 3/16" UPCUT

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SMDUD551	3/8"	1-1/4"	3/8"	3"
SMDUD554A	1/2"	1-1/8"	1/2"	3"
SMDUD557	1/2"	1-1/4"	1/2"	3"
SMDUD567	1/2"	1-5/8"	1/2"	3-1/2"

2 FLUTE RIGHT-HAND ROTATION – MD

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU120MD	SRD220MD	1/4"	1"	1/4"	2-1/2"
SRU135MD	SRD235MD	3/8"	1"	3/8"	3"
N/A	SRD237MD	3/8"	1-1/4"	3/8"	3"
SRU155MD	SRD255MD	1/2"	1-1/4"	1/2"	3"
SRU160MD	SRD260MD	1/2"	1-5/8"	1/2"	3-1/2"
SRU165MD	SRD265MD	1/2"	2"	1/2"	4"

1+1 COMPRESSION (UP-DOWN) SPIRALS

LEFT-HAND ROTATION

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SLUD598	1/4"	1"	1/4"	2-1/2"
SLUD600	3/8"	1-1/4"	3/8"	3"
SLUD605	1/2"	1-1/4"	1/2"	3"
SLUD610	1/2"	1-1/2"	1/2"	3-1/2"
SLUD615	1/2"	2"	1/2"	4"

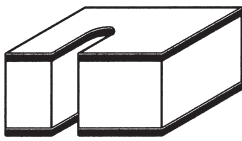
SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE.
SHARPENING SERVICE IS AVAILABLE FROM SOUTHEAST TOOL, CALL FOR PRICES.

Micro-Grain Solid Carbide Spiral Bits

Chipbreakers can be added to any solid carbide bit, by adding CB to end of part number: SUD750CB



SLUD665



2+2 COMPRESSION (UP-DOWN) LEFT-HAND ROTATION

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SLUD648	1/4"	1"	1/4"	2-1/2"
SLUD650	3/8"	1-1/4"	3/8"	3"
SLUD655	1/2"	1-1/4"	1/2"	3"
SLUD665	1/2"	1-5/8"	1/2"	3-1/2"
SLUD673	1/2"	2"	1/2"	4"
SLUD675	5/8"	1-1/2"	5/8"	4"
SLUD680	5/8"	2"	5/8"	4"
SLUD685	3/4"	1-1/2"	3/4"	4"
SLUD690	3/4"	2"	3/4"	4"
SLUD696	3/4"	2-1/2"	3/4"	5"

3+3 COMPRESSION (UP-DOWN) RIGHT-HAND ROTATION,

3 FLUTES UP + 3 FLUTES DOWN

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SUD750	3/8"	1-1/4"	3/8"	3"
*SUD751	3/8"	1-1/4"	3/8"	3"
SUD754	1/2"	1-1/8"	1/2"	3"
SUD755	1/2"	1-1/4"	1/2"	3"
*SUD756	1/2"	1-1/4"	1/2"	3"
SUD765	1/2"	1-5/8"	1/2"	3-1/2"
SUD790	3/4"	2"	3/4"	4"

*3/16" Upcut For Mortise Cuts

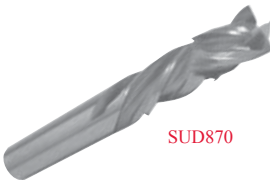


SUD765

3+3 COMPRESSION SPIRAL – MD

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
*SMDUD751	3/8"	7/8"	3/8"	3"
SMDUD750	3/8"	1-1/4"	3/8"	3"
*SMDUD756	3/8"	1-1/4"	3/8"	3"
SMDUD755	1/2"	1-1/4"	1/2"	3"
*SMDUD790	1/2"	1-1/4"	1/2"	3"

*3/16" Upcut For Mortise Cuts



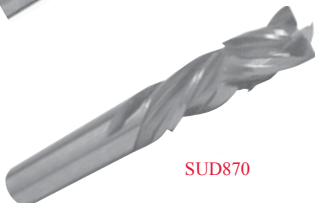
SUD870

4 FLUTE RIGHT-HAND ROTATION – Finisher / Ruffer

Upcut Part Number	Downcut Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU723FIN	SRD823FIN	1/2"	1-1/8"	1/2"	3-1/2"
SRU727FIN	SRD827FIN	1/2"	1-5/8"	1/2"	4"
SRU730FIN	SRD830FIN	1/2"	2-1/8"	1/2"	4-1/2"
N/A	SRD836FIN	5/8"	2-1/8"	5/8"	5"
SRU746FIN	SRD846FIN	3/4"	2-1/8"	3/4"	5"



SRD827FIN



SUD870

4+4 COMPRESSION (UP-DOWN)

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SUD840	1/2"	7/8"	1/2"	3"
SUD842	1/2"	1"	1/2"	3"
SUD844	1/2"	1-1/8"	1/2"	3"
SUD860	1/2"	1-3/8"	1/2"	3-1/2"
SUD870	1/2"	1-5/8"	1/2"	4"
SUD885	3/4"	1-7/8"	3/4"	4"
SUD888	3/4"	2-1/2"	3/4"	5"

Diamond Coated Compression Bits



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SUDIA448	1/4"	1"	1/4"	2-1/2"
SUDIA550	3/8"	1-1/4"	3/8"	3"
* SUDIA551	3/8"	1-1/4"	3/8"	3"
SUDIA555	1/2"	1-1/4"	1/2"	3"
* SUDIA557	1/2"	1-1/4"	1/2"	3"
SUDIA565	1/2"	1-5/8"	1/2"	3-1/2"
* SUDIA567	1/2"	1-5/8"	1/2"	3-1/2"
SUDIA573	1/2"	2"	1/2"	4"
SUDIA580	5/8"	2"	5/8"	4"
SUDIA590	3/4"	2"	3/4"	4"

* 3/16" Upcut For Mortise Cuts

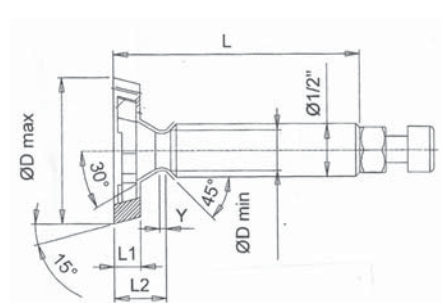
Diamond-Tipped Router Bits • PCD



1+1 Design

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE280003	3/8"	5/8"	1/2"	3"
SE280004	3/8"	1"	1/2"	2-3/4"
SE280009	1/2"	1"	1/2"	3"
SE280009A	1/2"	1-1/4"	1/2"	3-1/2"
SE280010	1/2"	1-3/8"	1/2"	3-1/8"
SE280012	5/8"	1"	5/8"	3-1/2"
SE280014	5/8"	1-3/8"	5/8"	4"
SE280018	3/4"	1"	3/4"	3-3/8"
SE280020	3/4"	1-3/8"	3/4"	3-3/4"
SE280011	3/4"	1-5/8"	3/4"	4"
SE280024	3/4"	2"	3/4"	4-1/2"

Diamond-Tipped T-Slot Bits • PCD



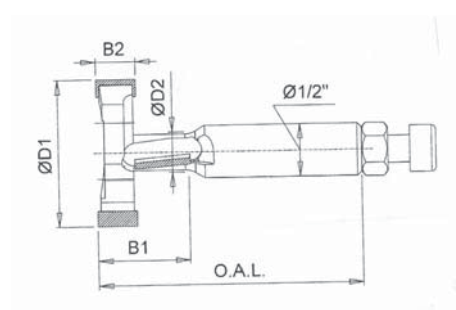
2+1 Design

2-3/8" Overall Length

Part Number	Maximum Diameter	Z	Length 1	Length 2	Shank	Rotation
SE293504	1 1/4"	2+1	1/4"	1/2"	1/2"	RH
SE293505	1 3/8"	2+1	1/4"	1/2"	1/2"	RH

Left-Hand Rotation Available

Diamond-Tipped T-Slot Bits • PCD • RH



2+1 Design

Part Number	D1 Diameter	D2 Diameter	Cutting Length B1	Cutting Length B2	Shank Diameter	Overall Length
SE293005	1-3/16"	3/8"	5/8"	1/4"	1/2"	2-1/2"
SE293205	1-1/4"	3/8"	3/4"	1/4"	1/2"	2-1/2"
SE293507	1-3/8"	3/8"	3/4"	1/4"	1/2"	2-1/2"
SE293508	1-3/8"	3/8"	7/8"	3/8"	1/2"	2-1/2"

Left-Hand Rotation Available

Micro-Grain Solid Carbide Spiral Bits

4 + 4 COMPRESSION – FINISHER / RUFFER



SUD970FIN

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SUD950FIN	1/2"	1"	1/2"	3"
SUD955FIN	1/2"	1-1/8"	1/2"	3"
SUD960FIN	1/2"	1-3/8"	1/2"	3-1/2"
SUD970FIN	1/2"	1-5/8"	1/2"	4"
SUD980FIN	3/4"	1-7/8"	3/4"	4"
SUD990FIN	3/4"	2-1/2"	3/4"	5"

SOLID CARBIDE LINER BIT FOR CARVING MACHINE (1 Flute)



SLIN062

10 Degree

Part Number	Small Cutting Diameter	Shank Diameter	Overall Length
SLIN062	1/16"	1/4"	2-1/2"

SOLID CARBIDE BALL NOSE - UPCUT 2 FLUTE



SBNU500

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SBNU125	1/8"	1/2"	1/4"	2"
SBNU316	3/16"	3/4"	1/4"	2-1/2"
SBNU250	1/4"	3/4"	1/4"	2-1/2"
SBNU375	3/8"	1"	3/8"	3"
SBNU500	1/2"	1-1/4"	1/2"	3"
SBNU750	3/4"	2"	3/4"	4"

SOLID CARBIDE TAPERED BALL NOSE - UPCUT (Great for 2D and 3D Carving)



STBNU125-3

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank	Radius	Angle	Flute
STBNU116-3	1/16"	3/4"	3"	1/4"	1/32"	3 deg.	2
STBNU125-1	1/8"	1-1/2"	3"	1/4"	1/16"	1 deg.	3
STBNU125-3	1/8"	1"	3"	1/4"	1/16"	3 deg.	3
STBNU125-5	1/8"	3/4"	3"	1/4"	1/16"	5 deg.	3
STBNU125-7	1/8"	1/2"	3"	1/4"	1/16"	7 deg.	3
STBNU250-3	1/4"	2"	4"	1/2"	1/8"	3 deg.	2
STBNU250-5	1/4"	1-3/8"	4"	1/2"	1/8"	5 deg.	2
STBNU250-7	1/4"	1"	4"	1/2"	1/8"	7 deg.	2



STBNU125-3

Carbide-Tipped Straight Bits



1/4" SHANK SINGLE FLUTE

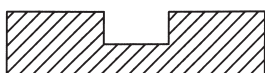
Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1004	1/4"	3/4"	2-1/4"
SE1005	1/4"	1"	2-1/2"
SE1007	1/4"	1"	3-1/8"

5/16" SHANK SINGLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1033A	5/16"	1"	2-5/8"

3/8" SHANK SINGLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1035	3/8"	1"	2-5/8"
SE1036	3/8"	1-1/4"	2-3/4"



1/2" SHANK SINGLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1049	3/8"	1"	2-5/8"
SE1050	3/8"	1-1/4"	2-7/8"
SE1051	1/2"	1"	2-5/8"
SE1052	1/2"	1-1/4"	3"
SE1054	1/2"	1-1/2"	3-1/4"
SE1055	1/2"	2"	4-1/8"
SE1055A	1/2"	2-1/2"	4-3/8"
SE1055C	1/2"	2-1/2"	5-1/8"



1/4" SHANK DOUBLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1011	3/16"	1/2"	2"
SE1012	1/4"	1/2"	2"
SE1013	1/4"	3/4"	2-1/8"
SE1014	1/4"	1"	2-1/2"
SE1016	1/4"	1"	3"
SE1016-01	1/4" (.245*)	1"	3-1/4"
SE1018	9/32"	1"	2-1/2"
SE1018A	5/16"	3/4"	2-3/4"
SE1019	5/16"	1"	2-1/4"
SE1021	3/8"	3/4"	2-1/4"
SE1022	3/8"	1"	2-1/4"
SE1023	3/8"	1 1/4"	2-3/4"
SE1023A	13/32"	1"	2-1/2"
SE1024	7/16"	1"	2 1/2"
SE1024A	31/64"	3/4"	2 1/4"
SE1024B	15/32"	3/4"	2 1/8"
SE1025	1/2"	1/8"	2"
SE1025A	1/2"	1/4"	2 1/4"
SE1025B	1/2"	1/2"	2 1/4"
SE1025C	1/2"	3/4"	2 3/8"
SE1026	1/2"	1"	2 3/4"
SE1026A	1/2"	1-1/4"	2-3/4"
SE1027	9/16"	3/4"	2 1/4"
SE1027A	19/32"	3/4"	2 1/4"
SE1027B	5/8"	1/4"	2"
SE1027C	5/8"	1/2"	2-1/4"
SE1027D	5/8"	3/4"	2-1/2"
SE1028	5/8"	1"	2-1/4"
SE1029	11/16"	3/4"	2-1/8"
SE1029A	23/32"	3/4"	2-1/8"
SE1030	3/4"	3/4"	2-1/8"

Incra™

*For Air Router

Leigh #140

Incra™

Undersize Plywood

Omni Jig #43318

Undersize Plywood

Undersize Plywood



Boring points can be added to most tools. Add (F) for Flat bottom or (V) for V-point.

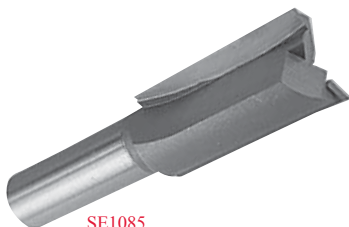
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Carbide-Tipped Straight Bits

Continued from
previous page



SE1069



SE1085

1/4" SHANK DOUBLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1031	3/4"	1"	2-1/4"
SE1032	7/8"	3/4"	2-1/8"
SE1032A	13/16"	3/4"	2-1/8"
SE1033	1"	3/4"	2-1/8"
SE1303	1-1/4"	3/4"	2"

3/8" SHANK DOUBLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length	
SECTDS38	3/8"	9/16"	2-1/2"	CASTLE™
SE1039	3/8"	1"	2-5/8"	
SE1040	3/8"	1-1/4"	2-7/8"	
SE1041	3/8"	1-1/4"	3-5/8"	
SE1043	1/2"	1"	2-1/2"	

1/2" SHANK DOUBLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length	
SE1058	1/4"	3/4"	2-5/8"	Inkra™
*SE1059	9/32"	3/4"	2-1/2"	
*SE1060	5/16"	1"	2-3/4"	
*SE1061	3/8"	3/4"	2-1/2"	
*SE1062	3/8"	1"	2-3/4"	Inkra™
*SE1063	3/8"	1-1/4"	2-3/4"	
*SE1064	13/32"	3/4"	2-1/2"	
*SE1065L	7/16"	1-1/4"	3-1/4"	Leigh 150
SE1065A	31/64"	1"	2-5/8"	Undersize Plywood
SE1066	1/2"	1"	2-5/8"	
SE1067	1/2"	1-1/4"	2-7/8"	Leigh 160
SE1069	1/2"	1-1/2"	3-1/8"	
SE1069DS	1/2"	1-1/2"	3-1/8"	Downshear
SE1070	1/2"	1-1/2"	4-1/4"	
SE1071	1/2"	2"	3-3/4"	
SE1072	1/2"	2"	4-1/8"	
SE1073	1/2"	2-1/2"	4-1/2"	
SE1073M	1/2"	2-1/2"	5-1/2"	
SE1074	17/32"	1-1/4"	2-7/8"	
SE1075	9/16"	1-1/4"	3"	
SE1075A	19/32"	3/4"	2-1/4"	Undersize Plywood
SE1076	5/8"	1"	2-1/2"	
SE1077	5/8"	1-1/4"	2-3/4"	
SE1078	5/8"	1-1/2"	3"	
SE1079	5/8"	2"	4"	
SE1080	21/32"	1-1/4"	3"	
SE1082	11/16"	1"	2-1/2"	
SE1083	11/16"	1-1/4"	3"	
SE1083A	23/32"	1"	2-1/2"	Undersize Plywood
SE1084	3/4"	1"	2-3/4"	
SE1085	3/4"	1-1/4"	2-3/4"	
SE1086	3/4"	1-1/2"	3"	
SE1087	3/4"	2"	3-3/4"	
SE1088	25/32"	1-1/4"	3"	
SE1090	13/16"	1-1/4"	3"	
SE1091	7/8"	1-1/4"	3"	
SE1092	15/16"	1-1/4"	3"	
SE1093	1"	1-1/4"	2-3/4"	
SE1094	1"	1-1/2"	3"	
SE1095	1"	2"	3-3/4"	
SE1095A	1-1/16"	1-1/2"	3"	

*No warranty on breakage.

The above tools can be supplied with chipbreakers or boring points. Please call for prices.
For Chipbreakers add CB to part number. For boring points add (F) for Flat bottom or (V) for V-Point.

Carbide-Tipped Straight Bits



1/2" SHANK DOUBLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1095B	1-1/8"	1"	3"
SE1096	1-1/8"	1-1/2"	3-1/2"
SE1096A	1-1/8"	2"	4"
SE1304	1-1/4"	3/4"	2-1/8"
SE1097	1-1/4"	1-1/2"	3"
SE1098	1-3/8"	1-1/4"	3"
SE1099	1-1/2"	1-1/4"	3"
SE1100	1-3/4"	1-1/4"	3"
SE1101	2"	1-1/4"	3"

LEFT-HAND ROTATION DOUBLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
SE1014LH	1/4"	1"	1/4"	2-1/2"
SE1058LH	1/4"	3/4"	1/2"	2-5/8"
SE1060LH	5/16"	1"	1/2"	2-3/4"
SE1062LH	3/8"	1"	1/2"	2-3/4"
SE1066LH	1/2"	1"	1/2"	2-5/8"
SE1069LH	1/2"	1-1/2"	1/2"	3-1/8"
SE1072LH	1/2"	2"	1/2"	4-1/8"
SE1085LH	3/4"	1-1/4"	1/2"	2-3/4"
SE1087LH	3/4"	2"	1/2"	3-3/4"
SE1091LH	7/8"	1-1/4"	1/2"	3"



3/4" SHANK DOUBLE FLUTE (FOR CNC ROUTERS) RIGHT-HAND ROTATION

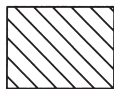
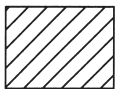
Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1105	3/4"	2"	4"
SE1107	3/4"	2-1/2"	4-1/2"



3/4" SHANK DOUBLE FLUTE (FOR CNC ROUTERS) LEFT-HAND ROTATION

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1105LH	3/4"	2"	5"
SE1107LH	3/4"	2-1/2"	5-1/2"

Carbide-Tipped Staggetooth Bits



1/2" SHANK BITS (STRAIGHT FLUTE)

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1201	3/8"	1-1/2"	3-1/2"
SE1202	1/2"	1-1/2"	3-1/2"
SE1203	1/2"	2"	4-1/4"
SE1203-212	1/2"	2-1/2"	5-1/2"

OPPOSITE SHEAR BITS

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank
SE1252	1/2"	2"	4"	1/2"
SE1256	1/2"	2-5/8"	5-1/2"	1/2"
SE1261	3/4"	2"	5"	5/8"
SE1270	3/4"	2"	4"	3/4"

Carbide-Tipped Mortise Bits



SE1300



1/4" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1300	1/2"	5/8"	2"
SE1301	5/8"	3/4"	2"
SE1302	3/4"	3/4"	2"
SE1303	1-1/4"	3/4"	2"

1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1304	1-1/4"	3/4"	2-1/8"

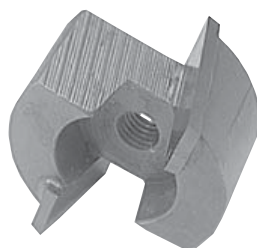
Carbide-Tipped Screw-On Mortise Bits



SEH13140



SE13500



SE131250

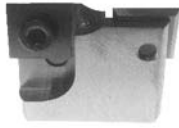
1/4"-28 Thread

Part Number	Cutting Fraction	Diameter Decimal	Cutting Length	Overall Length
SEH13125	1/8"	.125	9/16"	1-3/8"
SEH13140	9/64"	.140	9/16"	1-3/8"
SEH13202	3/16+.015"	.202	9/16"	1-3/8"
SEH13234	1/4-.015"	.234	9/16"	1-3/8"
SEH13250	1/4"	.250	9/16"	1-3/8"
SEH13265	1/4+.015"	.265	9/16"	1-3/8"
SEH13281	9/32"	.281	9/16"	1-3/8"
SEH13327	5/16+.015"	.327	9/16"	1-3/8"
SEH13375	3/8"	.375	9/16"	1-3/8"
SEH13406	3/8+.031"	.406	9/16"	1-3/8"
SEH13469	15/32"	.469	9/16"	1-3/8"
SEH13484	31/64"	.484	9/16"	1-3/8"
SE13500	1/2"	.500	5/8"	7/8"
SE13515	33/64"	.515	5/8"	7/8"
SE13531	17/32"	.531	5/8"	7/8"
SE13562	9/16"	.562	5/8"	7/8"
SE13625	5/8"	.625	5/8"	7/8"
SE13640	41/64"	.640	5/8"	7/8"
SE13656	21/32"	.656	5/8"	7/8"
SE13687	11/16"	.687	5/8"	7/8"
SE13719	23/32"	.719	5/8"	7/8"
SE13750	3/4"	.750	5/8"	7/8"
SE13764	49/64"	.765	5/8"	7/8"
SE13781	25/32"	.781	5/8"	7/8"
SE13812	13/16"	.812	5/8"	7/8"
SE13875	7/8"	.875	5/8"	7/8"
SE13937	15/16"	.937	5/8"	7/8"
SE131000	1"	1.000	1/2"	1/2"
SE131125	1-1/8"	1.125	1/2"	1/2"
SE131250	1-1/4"	1.250	5/8"	5/8"
SE131375	1-3/8"	1.375	1/2"	1/2"

5/16"-24 Thread

Part Number	Cutting Fraction	Diameter Decimal	Cutting Length	Overall Length
SE131250-516	1-1/4"	1.250	5/8"	5/8"
SE131250-516A	1-1/4"	1.250	1/2"	5/8"

Insert Mortise Hinge Bit (1/4-28 thread)



Part Number	Diameter	Thread	Insert Size
SEIMHB-1250	1-1/4"	1/4-28	12x12

Arbors For Screw-On Mortise Bits

SEHMA-12



ARBORS, 1/4"-28 THREAD

Part Number	Shank Diameter	Overall Length
SEHMA-14	1/4"	1-3/4"
SEHMA-12	1/2"	1-3/4"
SEHMA-12-XL	1/2"	2 -5/8"
SEHMA-12-XXL	1/2"	3-1/4"

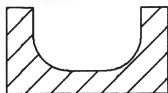
ARBORS, 5/16"-24 THREAD

Part Number	Shank Diameter	Overall Length
SEHMA-14-516	1/4"	1-3/4"
SEHMA-12-516	1/2"	1-3/4"

Carbide-Tipped Bowl & Tray Bits



SE1376



1/4" SHANK

Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
SE1370	7/16"	1/8"	5/16"	2-1/8"
SE1372	3/4"	1/4"	5/8"	2-3/8"
SE1373	1"	1/4"	1/2"	2-3/8"
* SE1372B	3/4"	1/4"	5/8"	2-3/8" <i>SBE120 bearing</i>

1/2" SHANK

Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
SE1374	3/4"	1/4"	5/8"	2-3/8"
SE1376	1-1/4"	1/4"	1/2"	2-1/4"
** SE1376B	1-1/4"	1/4"	1/2"	2-3/8"

**Bearing supplied on shank for template routing.*

***SE1376 requires SBE152 bearing.*

Carbide-Tipped Core Box Bits

SE1404



1/4" SHANK

Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
* SCRV275	1/8"	1/16"	5/16"	2"
* SCRV277	3/16"	3/32"	3/8"	2"
* SCRV279	1/4"	1/8"	3/8"	2"
SE1402	1/4"	1/8"	1/2"	1-7/8"
SE1403	3/8"	3/16"	1/2"	1-3/4"
SE1404	1/2"	1/4"	1/2"	1-3/4"
SE1405	5/8"	5/16"	3/8"	2"
SE1406	3/4"	3/8"	5/8"	1-7/8"

**Solid Carbide*

Carbide-Tipped Roundnose Bits

1/2" SHANK

SE1411



SE1420



Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
SE1405A	5/8"	5/16"	1/2"	2-1/4"
SE1406A	3/4	3/8"	5/8"	2-3/8"
SE1406B	7/8"	7/16"	3/4"	2-1/2"
SE1406C	1"	1/2"	3/4"	2-1/2"
SE1407	3/8"	3/16"	1"	2-5/8"
SE1408	1/2"	1/4"	1-1/4"	2-7/8"
SE1410	5/8"	5/16"	1-1/4"	3"
SE1411	3/4"	3/8"	1-1/4"	2-3/4"
SE1412	7/8"	7/16"	1-1/4"	2-7/8"
SE1413	1"	1/2"	1-1/4"	2-3/4"
SE1414	1-1/4"	5/8"	1-1/4"	3"
SE1415	1-1/2"	3/4"	1-1/4"	3"
SE1416	1-3/4"	7/8"	1-1/4"	3"
SE1417	2"	1"	1-1/4"	3"
SE1420	2-1/4"	1-3/4"	5/8"	2-1/2"

Carbide-Tipped Roundnose Template Bits



SE1404B



1/4" SHANK

Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
SE1404B	1/2"	1/4"	1/2"	1-3/4"
SE1405B	5/8"	5/16"	3/8"	2"
SE1406BB	3/4"	3/8"	5/8"	1-7/8"

Carbide-Tipped Plunge-Cutting Ball Bits



SE1464



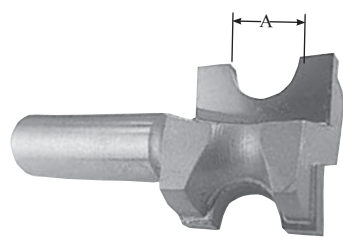
1/4" SHANK

Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
SE1450	3/8"	3/16"	3/8"	1-3/4"
SE1452	1/2"	1/4"	1/2"	1-3/4"

1/2" SHANK

Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
SE1460	1/2"	1/4"	1/2"	2-1/4"
SE1462	3/4"	3/8"	3/4"	2-1/2"
SE1464	1"	1/2"	1"	2-1/2"

Carbide-Tipped Half-Round (Bullnose) Bits



SE1432



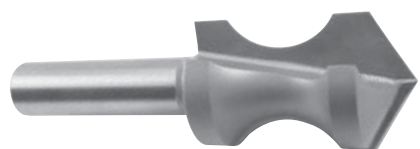
1/4" SHANK

Part Number	A Opening	Radius	Cutting Length	Overall Length
SE1425	3/16"	3/32"	1/2"	1-3/4"
SE1426	1/4"	1/8"	5/8"	1-7/8"
SE1427	3/8"	3/16"	11/16"	2"
SE1428	1/2"	1/4"	7/8"	2-1/8"

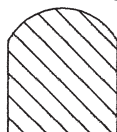
1/2" SHANK

Part Number	A Opening	Radius	Cutting Length	Overall Length
SE1429	3/16"	3/32"	1/2"	1-7/8"
SE1430	1/4"	1/8"	5/8"	2-1/8"
SE1431	3/8"	3/16"	11/16"	2-3/16"
SE1432	1/2"	1/4"	7/8"	2-3/8"
SE1432A	5/8"	5/16"	1"	2-1/2"
SE1433	3/4"	3/8"	1-1/8"	2-5/8"
SE1434	1"	1/2"	1-3/8"	2-7/8"
SE1434A	1-1/8"	9/16"	1-1/2"	3"
SE1435	1-1/4"	5/8"	1-3/4"	3-1/4"
SE1436	1-1/2"	3/4"	1-7/8"	3-3/8"

Carbide-Tipped Plunge Hand Grip Bits



SE1440

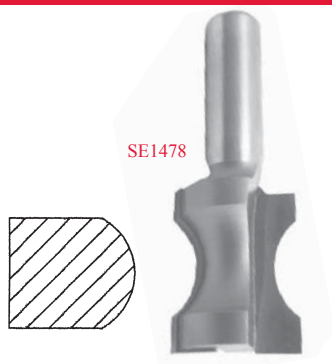


1/2" SHANK

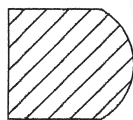
Part Number	Cutting Diameter	Bead Opening	Cutting Depth	Cutting Length	Overall Length
SE1440	1-1/8"	7/8"	1/4"	1-5/8"	3-1/2"
SE1440B	1-1/8"	7/8"	1/4"	1-5/8"	3-1/2"

Uses SBE150 Bearing w/collar for template guide routing.

Carbide-Tipped Oval Edge (Half-Bullnose) Bits



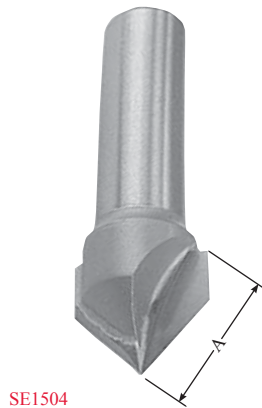
SE1478



1/2" SHANK

Part Number	Bead Opening	Bead Depth	Cutting Length	Large Diameter
SE1474	1/2"	1/8"	1"	3/4"
SE1476	3/4"	3/16"	1-1/4"	1"
SE1478	1"	3/16"	1-1/4"	1"
SE1480	1 1/2"	1/4"	1-3/4"	1-1/4"

Carbide-Tipped V-Groove Bits (90° Angle)



45° PER SIDE

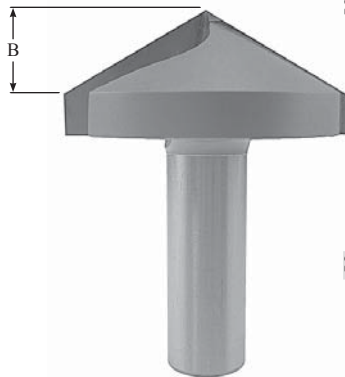
1/4" SHANK

Part Number	Cutting Diameter	B Cutting Height	A Cutting Length	Overall Length	
*SCVG260	1/4"	1/8"	5/6"	1-1/2"	(1 Flute)
SE1501	3/8"	3/16"	1/2"	1-3/4"	
SE1502	1/2"	7/32"	1/2"	1-3/4"	
SE1502A	5/8"	5/16"	5/8"	2"	
SE1502B	3/4"	3/8"	1/16"	2"	

***Solid Carbide**

1/2" SHANK

Part Number	Cutting Diameter	B Cutting Height	A Cutting Length	Overall Length	Material Thickness
SE1503	1/2"	1/4"	1/8"	2-1/4"	1/4"
SE1504	3/4"	3/8"	5/8"	2-1/4"	3/8"
SE1505	1"	7/16"	3/4"	2-3/4"	1/2"
SE1507	1-1/2"	3/4"	1"	2-1/2"	3/4"
SE1508	2"	1"	1-1/4"	2-3/4"	1"



60° PER Side - 120° Included Angle

Part Number	Cutting Diameter	Cutting Height	Cutting Length	Overall Length	Material Thickness
SE1526	1-3/4"	1/2"	1"	2-1/4"	1/4"

Carbide-Tipped V-Groove Bits (60° Angle)



1/4" SHANK

30° PER SIDE

Part Number	Cutting Diameter	Cutting Height	Cutting Length	Overall Length	Flutes
SE1550	1/2"	7/16"	1/2"	2"	2

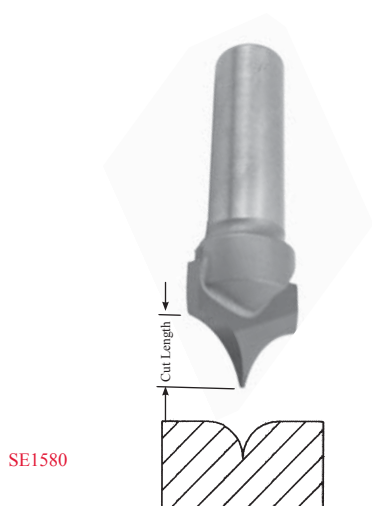
1/2" SHANK

Part Number	Cutting Diameter	Cutting Height	Cutting Length	Overall Length	Flutes
SE1560	1/2"	13/32"	1/2"	2-1/4"	2

60 DEGREE SOLID CARBIDE (1/4 Shank)

Part Number	Cutting Diameter	Cutting Height	Cutting Length	Overall Length	Flutes
SCVG264	1/4"	1/4"	7/32"	1-1/2"	1
SE1541	1/4"	3/16"	7/32"	2"	3

Carbide-Tipped Point Cutting Roundover



1/4" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length	Overall Length
SE1568	1/8"	5/16"	3/8"	2"
SE1570	3/16"	3/8"	3/8"	2"
SE1572	1/4"	1/2"	1/2"	2"
SE1574	3/8"	3/4"	5/8"	2"

1/2" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length	Overall Length
SE1580	3/8"	3/4"	5/8"	2-1/4"
SE1582	1/2"	3/4"	5/8"	2-1/4"
SE1584	3/4"	1-1/2"	3/4"	2-1/2"

Carbide-Tipped Stair Tread & Bottom Cleaning Bits



Part Number	Cutting Diameter	Cutting Length	Shank Diameter
SE1590	3/4"	1/2"	1/4"
SE1592	3/4"	1/2"	1/2"
SE1596	1"	1/2"	1/2"
SE1598	1-1/2"	1/2"	1/2"

Carbide-Tipped Dovetail Bits

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	Use
3 DEGREE ANGLE					
SE1601	7/8"	5/8"	1/2"	2 - 1/2"	Stair Treads
7 DEGREE ANGLE					
SE1625	5/8"	7/8"	1/2"	2-5/8"	Incra™
SE1635	3/4"	7/8"	1/2"	2-3/4"	Incra™
SE1635LH	3/4"	7/8"	1/2"	2-3/4"	Lefthand Rotation
SE1645	7/8"	7/8"	1/2"	2-3/4"	Stair Treads
SE1645LH	7/8"	7/8"	1/2"	2-3/4"	Stair Treads
7 1/2 DEGREE ANGLE					
SCDT7525	1/4"	5/16"	1/4"	2"	Incra™/Omni Jig
8 DEGREE ANGLE					
SE1661	5/16"	3/8"	1/4"	2-1/4"	Leigh #60
SE1662	3/8"	1/2"	1/4"	2-3/8"	Leigh #70
SE1663	7/16"	5/8"	1/4"	2-3/8"	Leigh #75
SE1664	1/2"	13/16"	1/4"	2-3/4"	Leigh #80
SE1666	11/16"	1"	1/2"	3"	Leigh #90
SE1668	13/16"	1-1/4"	1/2"	3-1/4"	Leigh #100
9 DEGREE ANGLE					
SE1605	3/8"	3/8"	1/4"	2-1/4"	Incra™
SE1613	3/8"	3/8"	3/8"	2"	
SE1615	3/8"	3/8"	1/2"	2-1/2"	
SE1615LH	3/8"	3/8"	1/2"	2-1/2"	Incra™
SE1618	.390	3/8"	1/2"	2"	
SE1618LH	.390	3/8"	1/2"	2"	

Carbide-Tipped Dovetail Bits

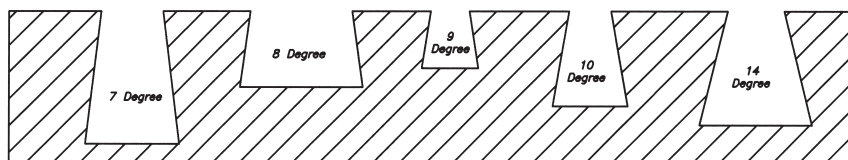


SE1610

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	Use
10 DEGREE ANGLE					
SE1672	1/2"	5/8"	1/4"	2-1/2"	Inkra™/Leigh #101
SE1674	1/2"	5/8"	1/2"	2-5/8"	Inkra™
14 DEGREE ANGLE					
SE1611	3/8"	3/8"	1/4"	2"	
SE1610	1/2"	1/2"	1/4"	2"	Inkra™/Omni Jig
SE1622	1/2"	1/2"	1/4"	2-3/8"	Leigh #120
SE1620	1/2"	1/2"	1/2"	2 -1/2"	Inkra™/Omni Jig
* SE1620LH	1/2"	1/2"	1/2"	2-1/2"	
SE1630	3/4"	3/4"	1/2"	3"	Omni Jig
SE1640	1"	7/8"	1/2"	2-1/2"	
18 DEGREE ANGLE					
SE1680	1/2"	3/8"	1/4"	2-1/4"	Leigh #128

**Solid Carbide*

LH following Part No. = Lefthand.



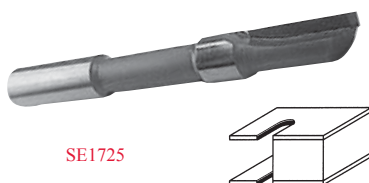
Dodds Dovetail Bits



SE1690

Part Number	Angle	Cutting Diameter	Shank Diameter	Overall Length
SE1690R	9°	.550	5/16"-24	2"
SE1690L	9°	.550	5/16"-24	2"

Carbide-Tipped Center Pilot Stagger Bits

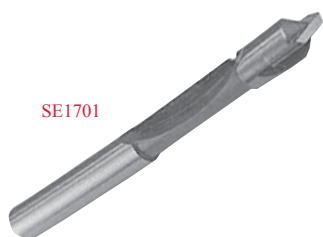


SE1725

Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
SE1725	1/2"	2-3/4"	1/2"	4-1/4"
SE1726	1/2"	2-3/4"	1/2"	4-1/4"

The SE1726 is used for CNC and very harsh applications where tool life is needed.

Carbide-Tipped Panel Pilot Bits



SE1701

SINGLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
SE1700	1/4"	3/4"	1/4"	2-1/2"
SE1701	3/8"	1"	3/8"	2-7/8"
SE1701-Nail	3/8"	1"	3/8"	2-7/8"
SE1702	1/2"	1-3/16"	1/2"	3-1/2"
SE1702-Nail	1/2"	1-3/16"	1/2"	3-1/2"
SE1703	1/2"	2"	1/2"	4-1/8"

SE1701-Nail and SE 1702-Nail have special carbide designed for nail and staple cutting.



DOUBLE FLUTE

Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
SE1704	3/8"	1"	1/4"	3-1/4"
SE1705	3/8"	1"	3/8"	3"
SE1706	1/2"	1-3/16"	1/2"	3-1/2"

HSS M2 Panel Pilot Bits



1 FLUTE STRAIGHT

Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
SE1740	1/4"	3/4"	1/4"	2-3/4"
SE1741	3/8"	3/4"	3/8"	2-3/4"
SE1742	1/2"	1"	1/2"	3-1/2"



1 FLUTE SPIRAL

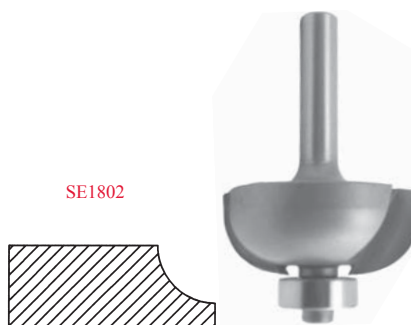
Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
SE1750	1/4"	3/4"	1/4"	3"
SE1751	3/8"	3/4"	3/8"	3"
SE1752	1/2"	1"	1/2"	4-1/4"

Carbide-Tipped Cove Bits (2 Flute)

1/4" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length
SE1800B	1/8"	3/4"	1/4"
SE1800A	3/16"	7/8"	1/2"
SE1800	1/4"	1"	1/2"
SE1801A	5/16"	1-1/8"	1/2"
SE1801	3/8"	1-1/4"	1/2"
SE1802	1/2"	1-1/2"	5/8"

Use SBE115 Bearing.



SE1802

Carbide-Tipped Cove Bits (2 Flute)



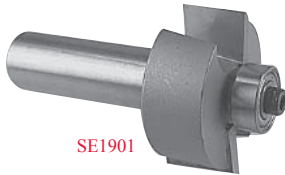
SE1803

1/2" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length
SE1803A	3/16"	7/8"	1/2"
SE1803	1/4"	1"	1/2"
SE1804A	5/16"	1-1/8"	1/2"
SE1804	3/8"	1-1/4"	1/2"
SE1805	1/2"	1-1/2"	5/8"
SE1806	5/8"	1-3/4"	3/4"
SE1807	3/4"	2"	1"
SE1810	1"	2-1/2"	1-1/4"

Use SBE115 Bearing.

Carbide-Tipped Rabbet Bits (2 Flute)

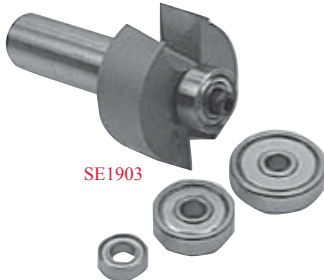


SE1901

Part Number	Cutting Diameter	Cutting Length	Cutting Depth*	Shank Diameter	Overall Length	Bearing
SE1900	1-1/4"	1/2"	3/8"	1/4"	2-1/8"	SBE115
SE1901	1-1/4"	1/2"	3/8"	1/2"	2-3/8"	SBE115
SE1951	1-3/8"	1/2"	1/2"	1/4"	2-1/8"	SBE110
SE1954	1-3/8"	1/2"	1/2"	1/2"	2-3/8"	SBE110
SE1962	2"	1"	3/4"	1/2"	2-7/8"	SBE115

*For different depths of cut, see kits below.

RABBETING BIT KITS



SE1903

Part Number	Description
SE1902	1/4" Shank Set
SE1903	1/2" Shank Set

Includes SE1900 (1/4" Shank) or SE1901 (1/2" Shank) Bit and 3 additional bearings for multiple depths of 7/16", 3/8", 5/16" and 1/4".

Part Number	Description
SE1965	1/2" Shank Only

Includes SE1962 Bit and 7 additional bearings for multiple depths of 13/16", 3/4", 11/16", 5/8", 19/32", 21/32", 9/16" and 1/2". SBE115 comes on tool.



SBE110

13/16"



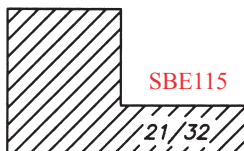
SBE115

3/4"



SBE110

11/16"



SBE115

21/32"



SBE110

5/8"



SBE115

19/32"



SBE110

9/16"



SBE115

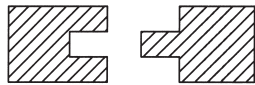
1/2"

Carbide-Tipped Slotting Bits

2 FLUTE



SE1906



Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Shank Diameter
SE1904	1-1/4"	1/8"	3/8"	1/4"
SE1908	1-1/2"	5/32"	1/2"	1/4"
SE1912	1-1/4"	1/4"	3/8"	1/4"
SE1913	1-1/4"	5/16"	3/8"	1/4"
SE1916	1-1/4"	3/8"	3/8"	1/4"
SE1920	1-1/2"	1/2"	1/2"	1/4"

Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Shank Diameter
SE1906	1-1/4"	1/8"	3/8"	1/2"
SE1910	1-1/2"	5/32"	1/2"	1/2"
SE1914	1-1/4"	1/4"	3/8"	1/2"
SE1917	1-1/4"	5/16"	3/8"	1/2"
SE1918	1-1/4"	3/8"	3/8"	1/2"
SE1922	1-1/2"	1/2"	1/2"	1/2"
SE1924	1-1/4"	3/4"	3/8"	1/2"

Use SBE115 Bearing.

3 FLUTE – FOR TYLER® MACHINE (No Bearing)

Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Shank Diameter
SE1980	1-1/8"	3/16"	5/16"	3/8"

Carbide-Tipped Roundover Bits

1/4" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length
SE2000A	1/16"	5/8"	1/4"
SE2000C	1/8"	3/4"	1/2"
SE2000D	5/32"	13/16"	1/2"
SE2000	3/16"	7/8"	1/2"
SE2001	1/4"	1"	1/2"
SE2002	5/16"	1-1/8"	1/2"
SE2003	3/8"	1-1/4"	5/8"
SE2003A	7/16"	1-3/8"	11/16"
SE2004	1/2"	1-1/2"	3/4"

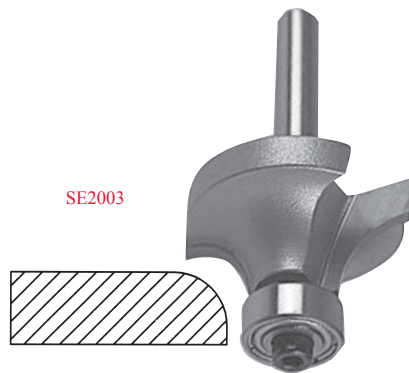
Use SBE115 Bearing and SDS115 Dust Shield.

1/2" SHANK

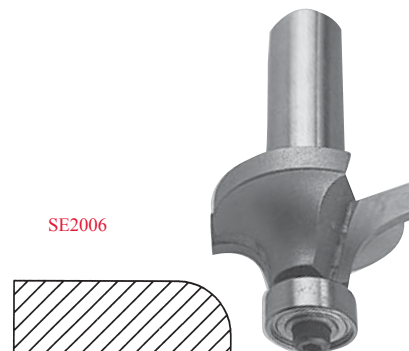
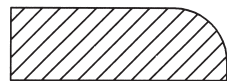
Part Number	Radius	Cutting Diameter	Cutting Length
SE2005A	1/8"	3/4"	1/2"
SE2005	3/16"	7/8"	1/2"
SE2006	1/4"	1"	1/2"
SE2007	5/16"	1-1/8"	1/2"
SE2008	3/8"	1-1/4"	5/8"
SE2008A	7/16"	1-3/8"	11/16"
SE2009	1/2"	1-1/2"	3/4"
SE2009B	9/16"	1-5/8"	7/8"
SE2009A	5/8"	1-3/4"	1"
SE2010	3/4"	2"	1"
SE2011	7/8"	2-1/4"	1-1/8"
SE2012	1"	2-1/2"	1-5/16"
* SE2013	1-1/8"	3"	1 1/2"
* SE2014	1-1/4"	3-1/4"	1-3/4"
* SE2015	1-3/8"	3-1/2"	1-3/4"
* SE2016	1-1/2"	3-3/4"	1-7/8"

Roundovers without asterisk use SBE115 Bearing and SDS115 Dust Shield.

*Roundovers with asterisk use SBE120 Bearing and SDS120 Dust Shield.



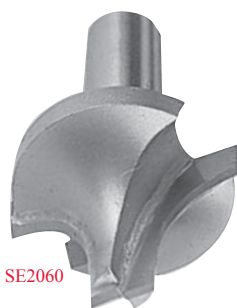
SE2003



SE2006



Carbide-Tipped Plunge Roundover



SE2060



1/4" SHANK

Part Number	Radius	Large Diameter	Small Diameter	Cutting Length
SE2050	1/8"	3/8"	1/8"	1/8"
SE2051	3/16"	5/8"	1/4"	1/8"
SE2052	1/4"	3/4"	1/4"	3/8"

1/2" SHANK

Part Number	Radius	Large Diameter	Small Diameter	Cutting Length
SE2055	1/4"	3/4"	1/4"	1/4"
SE2056	1/4"	3/4"	1/4"	3/8"
SE2057	3/8"	1"	1/4"	5/16"
SE2058	3/8"	1"	1/4"	1/2"
SE2060	1/2"	1-3/8"	3/8"	3/4"
SE2062	9/16"	1-5/8"	1/2"	1"
SE2066	3/4"	2"	1/2"	1-1/8"

Carbide-Tipped Beading Bits

1/4" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length
SEBE2000A	1/16"	5/8"	1/2"
SEBE2000C	1/8"	3/4"	1/2"
SEBE2000D	5/32"	13/16"	1/2"
SEBE2000	3/16"	7/8"	1/2"
SEBE2001	1/4"	1"	1/2"
SEBE2002	5/16"	1-1/8"	1/2"
SEBE2003	3/8"	1-1/4"	5/8"
SEBE2003A	7/16"	1-3/8"	11/16"
SEBE2004	1/2"	1-1/2"	3/4"



SEBE2006



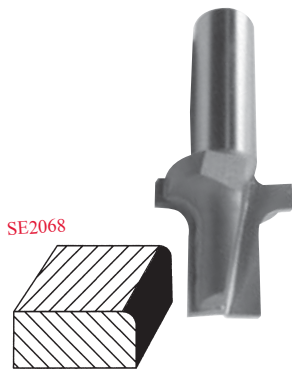
1/2" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length
SEBE2005A	1/8"	3/4"	1/2"
SEBE2005	3/16"	7/8"	1/2"
SEBE2006	1/4"	1"	1/2"
SEBE2007	5/16"	1-1/8"	1/2"
SEBE2008	3/8"	1-1/4"	5/8"
SEBE2008A	7/16"	1-3/8"	11/16"
SEBE2009	1/2"	1-1/2"	3/4"
SEBE2009B	9/16"	1-5/8"	7/8"
SEBE2009A	5/8"	1-3/4"	1"
SEBE2010	3/4"	2"	1"
SEBE2011	7/8"	2-1/4"	1-1/8"
SEBE2012	1"	2-1/2"	1-5/16"
* SEBE2013	1-1/8"	3"	1-1/2"
* SEBE2014	1-1/4"	3-1/4"	1-3/4"
* SEBE2015	1-3/8"	3-1/2"	1-3/4"
* SEBE2016	1-1/2"	3-1/2"	1-7/8"

Beading Bits without asterisk use SBE110 Bearing.

**Beading Bits with asterisk use SBE130 Bearing.*

Carbide-Tipped Plunge Roundover Edge



1/2" SHANK

Cutting Length does not include the flat on Large Diameter

Part Number	Radius	Large Diameter	Small Diameter	Cutting Length
SE2068	3/16"	1"	1/2"	13/16"
SE2070	3/16"	1"	1/2"	1-5/16"
SE2072	1/4"	1-1/8"	1/2"	13/16"
SE2074	1/4"	1-1/8"	1/2"	1-5/16"
SE2076	3/8"	1-3/8"	1/2"	13/16"
SE2078	3/8"	1-3/8"	1/2"	1-5/16"

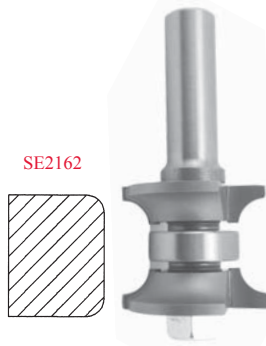
Carbide-Tipped Small Pilot Roundover



1/4" Shank

Part Number	Radius	Large Diameter	Cutting Length	Overall Length
SE1978	1/16"	3/8"	7/16"	2"
SE1981	1/8"	3/8"	7/16"	2"
SE1982	1/4"	5/8"	1/2"	2-1/8"
SE1984	3/8"	7/8"	5/8"	2-1/4"

Carbide-Tipped Double Roundover Bits



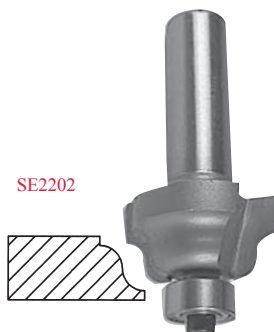
1/2" SHANK

Part Number	Radius	Large Diameter	Overall Length
SE2160	1/8"	1-1/8"	3-3/4"
SE2162	3/16"	1-1/4"	3-3/4"
SE2164	1/4"	1-3/8"	3-3/4"

Replacement Parts

SE2160RH	SE2160LH	Cutters Only
SE2162RH	SE2162LH	Cutters Only
SE2164RH	SE2164LH	Cutters Only
SBE125		Bearing Only
SE21-ARBOR		Arbor Only

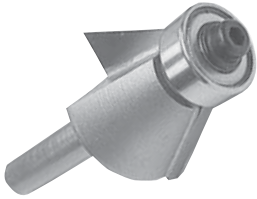
Carbide-Tipped Roman Ogee Bits



Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE2200	5/32"	1-1/8"	9/16"	1/4"
SE2201	1/4"	1-1/2"	11/16"	1/4"
SE2202	5/32"	1-1/8"	9/16"	1/2"
SE2203	1/4"	1-1/2"	11/16"	1/2"
SE2210	3/8"	2"	1"	1/2"

SBE115 Bearing

Carbide-Tipped Edge Bevel / Laminate



SE2301

Part Number	Degree	Cutting Height	Cutting Length	Shank Diameter
* SE2298	7°	3/8"	3/8"	1/4"
SE2300	15°	1/2"	1/2"	1/4"
SE2300A	15°	1/4"	1/4"	1/4"
SE2300B	22°	3/8"	3/8"	1/4"
SE2301	25°	7/16"	1/2"	1/4"

***SBE110**

SBE115 Bearing



7 Degree



15 Degree



22 1/2 Degree

Carbide-Tipped 45° Chamfer Bits



SE2305



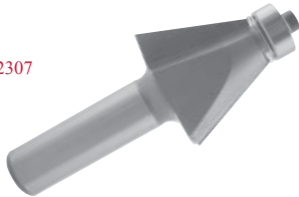
45 Degree

Part Number	Degree	Cutting Height	Cutting Length	Shank Diameter
SE2302	45°	7/16"	5/8"	1/4"
SE2305	45°	7/16"	5/8"	1/2"
SE2306	45°	13/16"	1-1/8"	1/2"
SE2310	45°	1-1/16"	1-1/2"	1/2"

SBE115 Bearing

Carbide-Tipped 22½° & 30° Chamfer Bits

SE2307



Part Number	Degree	Cutting Height	Cutting Length	Shank Diameter
SE2307	22 1/2°	7/8"	15/16"	1/2"
SE2308A	30°	3/8"	7/16"	1/4"
SE2309	30°	7/8"	1"	1/2"
SE2315	22 1/2°	3/8"	3/8"	1/2"

SBE115 Bearing



22 1/2 Degree



30 Degree

Carbide-Tipped Flush Trim Bits (2 Flute)



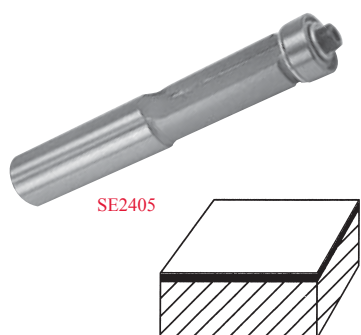
SE2402

1/4" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing	Screw
* SE2400A	1/4"	3/4"	2-1/2"	SBE100	SE5400A-Screw
SE2400	3/8"	1"	2-3/4"	SBE105	SE540-38
SE2401	3/8"	1/2"	2-1/4"	SBE105	SE540-38
SE2402	1/2"	1"	2-3/4"	SBE115	SE540-38
SE2403	1/2"	1/2"	2-3/8"	SBE115	SE540-38
SE2404	1/2"	1-1/2"	3-1/4"	SBE115	SE540-38

***SE2400A uses SE2400A-SCREW**

Carbide-Tipped Flush Trim Bits (2 Flute)

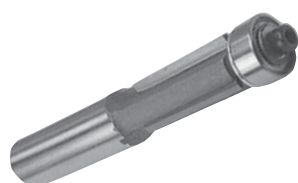


1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing	Screw
*SE2404A	3/8"	1"	3-1/8"	SBE105	SE2400A-Screw
SE2405	1/2"	1"	3-1/8"	SBE115	SE540-38
SE2406	1/2"	1/2"	2-3/4"	SBE115	SE540-38
SE2407	1/2"	1-1/2"	3-3/4"	SBE115	SE540-38
SE2408	1/2"	2"	4-1/8"	SBE115	SE540-38
SE2409	3/4"	1"	3-3/8"	SBE120	SE540-38
SE2410	3/4"	1-1/4"	3-1/2"	SBE120	SE540-38

*SE2404A uses SE2400A-SCREW

Carbide-Tipped Flush Trim Bits (3 Flute)



1/4" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing	Screw
SE2500	1/2"	1"	2-3/4"	SBE115	SE540-38
SE2501	1/2"	1/2"	2-3/8"	SBE115	SE540-38

1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing	Screw
SE2502	1/2"	1"	3-1/8"	SBE115	SE540-38
SE2504	1/2"	1-1/2"	3-3/4"	SBE115	SE540-38
SE2505	1/2"	2"	4-1/4"	SBE115	SE540-38

Carbide-Tipped Flush Trim Bits 1/2" Shank, Double Bearing



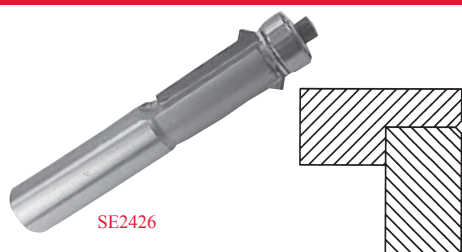
2 FLUTE, DOUBLE BEARING

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing
SE2457	1/2"	1-1/2"	4"	SBE115
SE2458	1/2"	2"	4-1/2"	SBE115

3 FLUTE, DOUBLE BEARING

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing
SE2554	1/2"	1-1/2"	4"	SBE115
SE2555	1/2"	2"	4-1/2"	SBE115

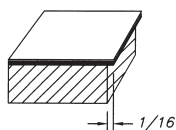
Carbide-Tipped Flush Trim V-Groove Bits



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE2425	1/2"	1"	1/4"	2-3/4"
SE2426	1/2"	1"	1/2"	3-1/8"

SBE115 Bearing

Carbide-Tipped Overhang Bits



1/4" SHANK

Part Number	Overhang	Cutting Diameter	Cutting Length	Overall Length	Bearing
SE2468	1/16"	3/8"	1/2"	2-5/8"	SBE145
SE2470	1/8"	3/8"	1/2"	2-5/8"	SBE130

Carbide-Tipped Glue Space Flush Trim Bits



Part Number	Cutting Diameter	Cutting Length	Shank Diameter
SE2416	3/8"	1/2"	1/4"
SE2417	3/8"	1"	1/4"
SE2418	1/2"	1/2"	1/4"
SE2419	1/2"	1"	1/4"

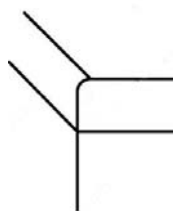
SBE115 Bearing

Easy Edge Bits (No Filing)

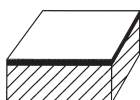


Part Number	Cutting Diameter	Cutting Length	Radius	Shank Diameter	Overall Length
SE2420	1/2"	3/8"	1/16"	1/4"	1-7/8"

SBE105 Bearing



Carbide-Tipped Downshear Flush Trim



1/4" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE2562	3/8"	1"	2-5/8"
SE2561	1/2"	5/8"	2-1/4"
SE2560	3/4"	5/8"	2-1/4"

1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE2570	3/4"	1"	3"
SE2575	3/4"	1-1/2"	3-1/2"
SE2580	3/4"	2"	4"

Carbide-Tipped Template Bits



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	Bearing
SE3000A	1/2"	1/8"	1/4"	2"	SBE145
SE3000	1/2"	1/4"	1/4"	2-1/4"	SBE145
SE3001	1/2"	1/2"	1/4"	2-1/4"	SBE145
SE3003	1/2"	3/4"	1/4"	2-3/8"	SBE145
SE3004	1/2"	1"	1/4"	2-3/4"	SBE145
SE3005	1/2"	1-1/4"	1/4"	2-3/4"	SBE145
SE3006	5/8"	1/4"	1/4"	2"	SBE130
SE3007	5/8"	1/2"	1/4"	2-1/4"	SBE130
SE3007A	5/8"	3/4"	1/4"	2-1/2"	SBE130
SE3008	5/8"	1"	1/4"	2-1/4"	SBE130
SE3014	3/4"	1"	1/4"	2-1/4"	SBE120
SE3018	1-1/8"	1-1/2"	1/2"	3-1/2"	SBE150
SE3019	1-1/8"	2"	1/2"	4"	SBE150
SE3020	3/4"	1"	1/2"	2-3/4"	SBE155
SE3021	3/4"	1-1/4"	1/2"	2-3/4"	SBE155
SE3022	3/4"	1-1/2"	1/2"	3"	SBE155
SE3023	3/4"	2"	1/2"	3 3/4"	SBE155

1/4" Shank Bits use SELC-1/4 Collar/SELC-Screw

1/2" Shank Bits use SELC-1/2 Collar/SELC-Screw

Carbide-Tipped Template Bits



With Oversize Bearing

1/4" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing Diameter	Bearing
SE3025	5/16"	3/4"	2-3/4"	1/2"	SBE145
SE3028	1/2"	1/4"	2-1/4"	3/4"	SBE120
SE3029	1/2"	1/4"	2-1/4"	5/8"	SBE130
SE3032	9/16"	3/4"	2-1/4"	5/8"	SBE130

Insert Template Bits



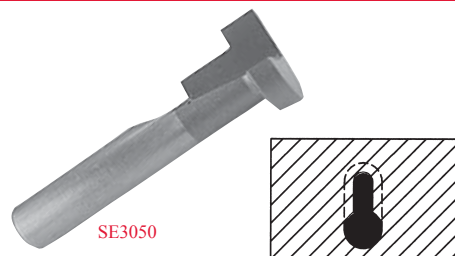
1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing Diameter	Insert
SEIT750-30	3/4"	30mm	3"	SBE155	SI-2951215
SEIT750-40	3/4"	40mm	3-5/16"	SBE155	SI-3951215
SEIT750-50	3/4"	50mm	3-11/16"	SBE155	SI-501217
SEIT1125-30	1-1/8"	30mm	3"	SBE150	SI-2951215
SEIT1125-40	1-1/8"	40mm	3-5/16"	SBE150	SI-3951215
SEIT1125-50	1-1/8"	50mm	3-11/16"	SBE150	SI-501217

Use SI4-Screw for insert

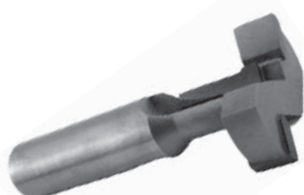
Use SELC-1/2 Collar- SELC- Screw

Carbide-Tipped Keyhole (2 Flute)



Part Number	Cutting Diameter	Small Diameter	Cutting Length	Shank Diameter	Overall Length
SE3050	3/8"	1/4"	3/8"	1/4"	1-1/2"
SE3052	1/2"	3/8"	1/2"	1/4"	1-3/4"

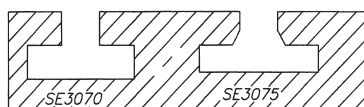
Carbide-Tipped T-Slot Bits Slat Wall



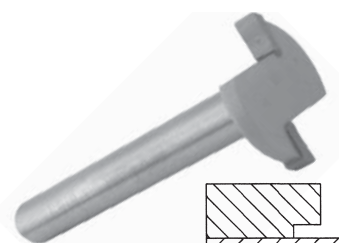
SE3070

1/2" SHANK

Part Number	Large Diameter	Small Diameter	Kerf Length A	Small Dia. Length B	Overall Length
SE3070	1-1/16"	3/8"	5/16"	1/2"	2-3/8"
SE3075	1-3/16"	3/8"	1/4"	3/8"	2-3/8"



Carbide-Tipped Slot & Undercut Bits

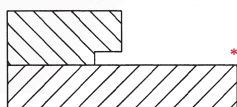


SE3094

1/4" SHANK

Part Number	Cutting Diameter	Kerf	Cutting Depth	Flutes	Overall Length
SE3094	3/4"	1/8"	1/4"	2	1-7/8"
SE3098	1"	1/4"	3/8"	2	2"
SE3100	1-1/4"	1/4"	5/16"	2	1-3/4"
SE3110	1-1/2"	1/4"	5/8"	2	2"
**SE3114	21mm	3mm	4mm	3	1-7/8"

Add B to Part Number for Bearing on Shank
***For Laminate Flooring*



Carbide-Tipped Laminate Trim Bits with Euro™ Square Bearings



SE2538

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank	Bearing
SE2530	1/2"	1/4"	1-5/8"	1/4"	SBE115-ES
SE2532	3/4"	5/8"	2-1/4"	1/4"	SBE140-ES
SE2538	3/4"	5/8"	2-1/4"	1/2"	SBE140-ES

Replacement Bearing • Euro™ Square

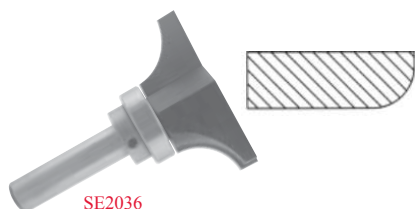
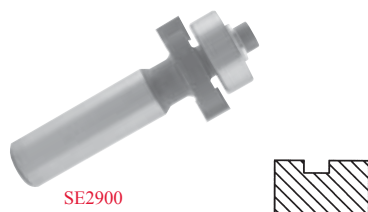
Part Number	Outside Diameter	Inside Diameter
SBE115-ES	1/2"	3/16"
SBE140-ES	3/4"	3/16"



SBE140-ES



Carbide-Tipped Solid Surface Bits



Face Inlay Bits

1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Bearing
SE2906	7/8"	1/8"	1/16"	SBE120
SE2907	7/8"	1/8"	1/8"	SBE130
SE2908	7/8"	1/8"	3/16"	SBE145
SE2900	7/8"	1/4"	1/16"	SBE120
SE2901	7/8"	1/4"	1/8"	SBE130
SE2902	7/8"	1/4"	3/16"	SBE145
SE2909	7/8"	3/8"	1/16"	SBE120
SE2910	7/8"	3/8"	1/8"	SBE130
SE2911	7/8"	3/8"	3/16"	SBE145
SE2903	7/8"	1/2"	1/16"	SBE120
SE2904	7/8"	1/2"	1/8"	SBE130
SE2905	7/8"	1/2"	3/16"	SBE145
SE2912	7/8"	3/4"	1/16"	SBE120
SE2913	7/8"	3/4"	1/8"	SBE130
SE2914	7/8"	3/4"	3/16"	SBE145

SBE124 Bearing can be used for flush cutting if needed.

No-Drip Counter Top Bit

1/2" SHANK

Part Number	Material Thickness	Cutting Diameter	Overall Length	Bearing
SE2926	3/4"	1"	3-1/8"	SBE121

Rounding Under Bits

1/2" SHANK

Part Number	Material Thickness	Radius	Overall Length	Bearing
SE2034	1"	1/2"	2-7/8"	SBE150
SE2035	1-1/4"	5/8"	3-1/8"	SBE150
SE2036	1-1/2"	3/4"	3-1/4"	SBE150
SE2037	2"	1"	3-5/16"	SBE150

Flush Trim Bit

1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Bearing
SE2410DS	3/4"	1"	SBE121

Rounding Over Undermount Bits

1/2" SHANK

Part Number	Radius	Degree	Overall Length	Bearing
SE2930	3/4"	15°	3-1/4"	SBESS-New
SE2931	1/2"	18°	3"	SBESS-New
SE2932	9/16"	18°	3-1/4"	SBESS-New
SE2933	3/8"	17°	2-1/2"	SBESS-New
SE2934	1/2"	14°	2-1/2"	SBESS-New
SE2935	1/2"	17°	2-7/8"	SBESS-New

Overhang Bowl Bit

1/2" SHANK

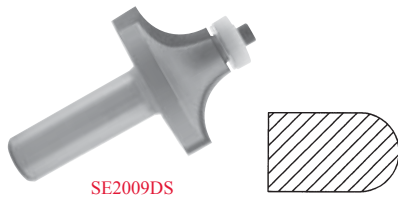
Part Number	Material Thickness	Cutting Diameter	Overall Length	Bearing
SE2945	1/2"-3/4"	3/4"	3-3/8"	SBESS-New

SE2945 uses screw part number SE1032-38SP

Carbide-Tipped Solid Surface Bits

Rounding Over Bits

1/2" SHANK



Part Number	Radius	Diameter	Material Thickness	Bearing
SE2005ADS	1/8"	3/4"	1/4"	SBE117
SE2006DS	1/4"	1"	1/2"	SBE117
SE2007DS	5/16"	1-1/8"	5/8"	SBE117
SE2008DS	3/8"	1-1/4"	3/4"	SBE117
SE2009DS	1/2"	1-1/2"	1"	SBE117
SE2009ADS	5/8"	1-3/4"	1-1/4"	SBE117
SE2010DS	3/4"	2"	1-1/2"	SBE117
SE2011DS	7/8"	2-1/4"	1-3/4"	SBE117

With Easy Ride Bearing: Part #SBE117.

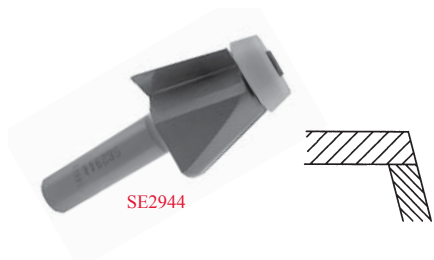
Other sizes available. Select a bit from our Round Over Section, add DS after number.



Roman Ogee Undermount Bits

1/2" SHANK

Part Number	Material Thickness	Cutting Diameter	Overall Length	Bearing
SE2927	1/2"	2-1/8"	2-7/8"	SBESS-New
SE2928	3/4"	2-3/8"	3-1/8"	SBESS-New



Bevel Undermount Bits

1/2" SHANK

Part Number	Material Thickness	Degree	Overall Length	Bearing
SE2940	1/2"-3/4"	10°	3-1/8"	SBESS-New
SE2942	1/2"-3/4"	12°	3-1/8"	SBESS-New
SE2944	1/2"-3/4"	15°	3-1/8"	SBESS-New



Chamfer Bit

14° • 1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing
SE2950	1-1/8"	1"	3-5/16"	SBE150

Collar SELC-12



Bowl Cutter Bits

14° • 1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing
SE2958	1-1/8"	1"	3-5/16"	SBE150

Collar SELC-12



Bevel Bit

15° • 1/2" SHANK

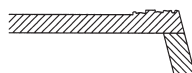
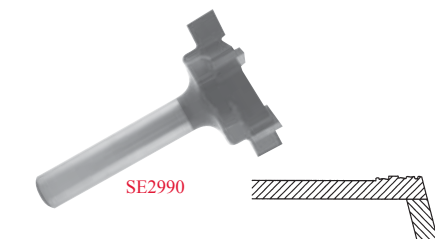
Part Number	Cutting Diameter	Cutting Length	Overall Length
SE2956	1"	1-1/8"	2-3/4"

Carbide-Tipped Solid Surface Bits



Ogee No-Drip Bits

Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
SE2952	3/4"	3/8"	1/4"	1-5/8"
SE2954	3/4"	3/8"	1/2"	2-7/8"



Countertop Surface Planer

1/2" SHANK (ALSO USED AS A TRIM BIT.)

Part Number	Cutting Diameter	Cutting Length	Wings
SE2986	2-1/16"	1/8"	6
SE2988	2-1/16"	1/4"	6
SE2990	2"	3/8"	6



Drainboard Bits

1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Radius	Overall Length
SE2921	1/2"	1/2"	1/8"	2"
SE2922	5/8"	1/2"	1/8"	2"
SE2923	3/4"	1/2"	1/8"	2"
SE2924	1"	1/2"	1/8"	2"



Face Cove Bit

1/2" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length	Overall Length
SE2960	5/16"	1"	5/8"	2-3/4"



Backsplash Cove Bit

1/2" SHANK

Part Number	Diameter	Radius	Cutting Length	Overall Length
SE2964	1-1/8"	3/8"	1/2"	2-7/8"



Double Cove Bit

1/2" SHANK

Part Number	Diameter	Radius	Cutting Length	Overall Length
SE2968	1-1/2"	1/4"	3/4"	2-1/2"

Solid Surface Repair Set



Part Number	Description
SE2991	2 Piece Set
SE2992	3 Flute Plug Cutter
SE2994	2 Flute Bevel Cutter

If you have ever cut a hole in a piece of solid surface in the wrong place, then you need this set. The bevel bit cuts a taper in the hole that was cut wrong and needs to be repaired. The 3 flute plug cutter cuts a tapered plug that will match the taper from the bevel cutter. Once you have finished you will have a virtually undetectable repair of the solid surface. Effective for repairs up to 1-3/4" in Diameter

Hot glue fill piece down to avoid movement.

Carbide-Tipped Solid Surface Bits

Solid Surface Problem-Solving Spiral Bits

SLOW SPIRAL 3 FLUTE RIGHT-HAND ROTATION

Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU602SL	SRD702SL	1/4"	1"	1/4"	2-1/2"
SRU611SL	N/A	3/8"	3/4"	3/8"	3"
SRU613SL	SRD713SL	3/8"	1-1/4"	3/8"	3"
SRU621SL	N/A	1/2"	3/4"	1/2"	3"
SRU623SL	N/A	1/2"	1-1/8"	1/2"	3"
N/A	SRD724SL	1/2"	1-1/8"	1/2"	3-1/2"
SRU625SL	SRD725SL	1/2"	1-1/4"	1/2"	3"
SRU626SL	SRD726SL	1/2"	1-1/2"	1/2"	3-1/2"
SRU627SL	N/A	1/2"	1-1/2"	1/2"	4"
N/A	SRD728SL	1/2"	1-5/8"	1/2"	4"
SRU629SL	SRD729SL	1/2"	1-3/4"	1/2"	4"
SRU645SL	SRD745SL	3/4"	2"	3/4"	4"
SRU648SL	N/A	3/4"	3"	3/4"	6"



SRU600SL



SE2972

1/2" Shank Bits For Wilsonart® Bowls

Part Number	Diameter	Degree	R1	R2	Cutting Length	Counter Top	Description
SE2970	1 1/2"	12°	—	—	1-1/4"	1/2"-1-1/4"	Bevel
SE2972	2 3/8"	12°	9/16"	—	7/8"	1/2"-3/4"	Roundover
SE2974	2 1/4"	13°	5/32"	13/64"	15/16"	1/2"-3/4"	Ogee

SBE149 BEARING

SIWB-SCREW

Spiral Flush Trim Bits

2 FLUTE

Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SFTU120	SFTD220	1/4"	1"	1/4"	3"
SFTU155	SFTD255	1/2"	1-1/4"	1/2"	4"
SFTU165	SFTD265	1/2"	2"	1/2"	4-1/2"

Replacement Bearings 1/2" Bits

SBE145

1/4" Bits

SBE100

Replacement Rings 1/2" Bits

1/2" Bits

SE-E12

1/4" Bits

SE-E25



SFTU155



SFTUD555

Spiral Flush Trim Bit

COMPRESSION, 2+2

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SFTUD555	1/2"	1-1/4"	1/2"	3-1/2"

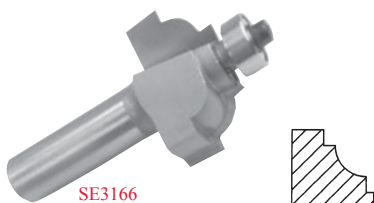
Replacement Bearings 1/2" Bits

SBE145

Replacement Rings 1/2" Bits

SE-E12

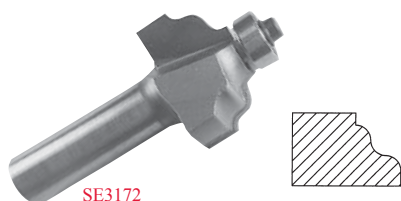
Carbide-Tipped Form Bits



Classical Cove Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3160	1/8"	15/16"	1/2"	1/4"
SE3162	1/4"	1-3/16"	9/16"	1/4"
SE3164	1/8"	15/16"	1/2"	1/2"
SE3166	1/4"	1-3/16"	9/16"	1/2"

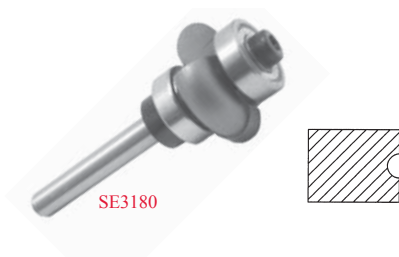
SBE110 Bearing



Wavy Edge Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3170	5/32"	1-1/4"	3/4"	1/4"
SE3172	5/32"	1-1/4"	3/4"	1/2"

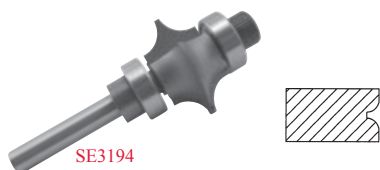
SBE115 Bearing



Radius Edge Bits

Part Number	Radius	Large Diameter	Shank Diameter	Overall Length
SE3180	1/8"	7/8"	1/4"	2-5/8"
SE3182	3/16"	1"	1/4"	2-3/4"

SBE130 Bearing



Full Bead Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3190	1/8"	7/8"	3/8"	1/4"
SE3192	3/16"	1"	1/2"	1/4"
SE3194	1/4"	1-1/8"	5/8"	1/4"
SE3196	3/8"	1-3/8"	7/8"	1/4"

SBE130 Bearing



Triple Bead Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3200	1/8"	7/8"	1"	1/4"
SE3202	1/8"	7/8"	1"	1/2"

SBE130 Bearing



Triple Flute Bits

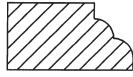
Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3203	1/8"	7/8"	1"	1/4"
SE3204	1/8"	7/8"	1"	1/2"

SBE130 Bearing

Carbide-Tipped Form Bits



SE3208



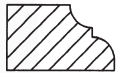
Double Round Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3205	5/32"	1-1/8"	1/2"	1/4"
SE3206	1/4"	1-1/2"	11/16"	1/4"
SE3207	5/32"	1-1/8"	1/2"	1/2"
SE3207A	7/32"	1-3/8"	11/16"	1/2"
SE3208	1/4"	1-1/2"	11/16"	1/2"

SBE115 Bearing



SE3210



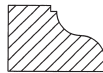
Cove & Bead Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3209	5/32"	1-1/8"	1/2"	1/4"
SE3210	1/4"	1-5/16"	5/8"	1/4"
SE3211	5/32"	1-1/8"	1/2"	1/2"
SE3212	1/4"	1-5/16"	5/8"	1/2"
SE3282	3/8"	2"	1-3/16"	1/2"

SBE115 Bearing



SE3218



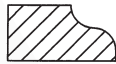
Ogee Fillet Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3214	3/16"	1-3/8"	9/16"	1/4"
SE3215	1/4"	1-5/8"	11/16"	1/4"
SE3216	3/16"	1-3/8"	9/16"	1/2"
SE3218	1/4"	1-5/8"	11/16"	1/2"

SBE115 Bearing



SE3224



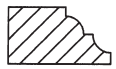
Ogee Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3220	5/32"	1-1/8"	1/2"	1/4"
SE3224	1/4"	1-1/2"	11/16"	1/4"
SE3222	5/32"	1-1/8"	1/2"	1/2"
SE3226	1/4"	1-1/2"	11/16"	1/2"

SBE115 Bearing



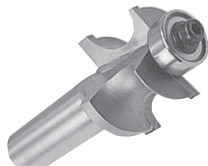
SE3236



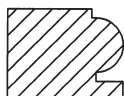
Classical Pattern Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3230	1/8"	1"	1/2"	1/4"
SE3234	3/16"	1-1/4"	5/8"	1/4"
SE3232	1/8"	1"	1/2"	1/2"
SE3236	3/16"	1-1/4"	5/8"	1/2"

SBE110 Bearing



SE3258



Edge Beading Bits

1/4" SHANK

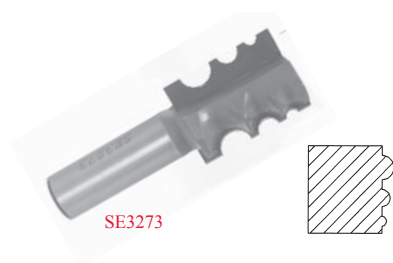
Part Number	Radius	Bead Diameter	Cutting Diameter	Cutting Length
SE3241	3/32"	3/16"	13/16"	1/2"
SE3244	1/8"	1/4"	7/8"	9/16"
SE3248	5/32"	5/16"	15/16"	5/8"
SE3252	3/16"	3/8"	1-1/16"	5/8"
SE3256	1/4"	1/2"	1-1/4"	3/4"

1/2" SHANK

Part Number	Radius	Bead Diameter	Cutting Diameter	Cutting Length
SE3243	3/32"	3/16"	13/16"	1/2"
SE3246	1/8"	1/4"	7/8"	9/16"
SE3250	5/32"	5/16"	15/16"	5/8"
SE3254	3/16"	3/8"	1-1/16"	5/8"
SE3258	1/4"	1/2"	1-1/4"	3/4"

SBE115 Bearing

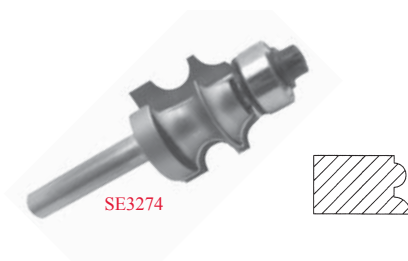
Carbide-Tipped Form Bits



Variable Beading Bit

1/2" SHANK

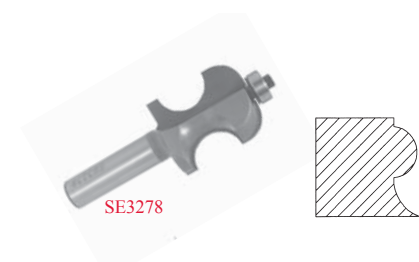
Part Number	Cutting Diameter	Cutting Length	Radius 1	Radius 2	Radius 3
SE3273	7/8"	1-1/8"	5/32"	7/64"	1/16"



Large Bead Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3274	5/32"	15/16"	5/8"	1/2"
SE3276	3/8"	1-1/4"	1-7/16"	1/2"

SBE115 Bearing

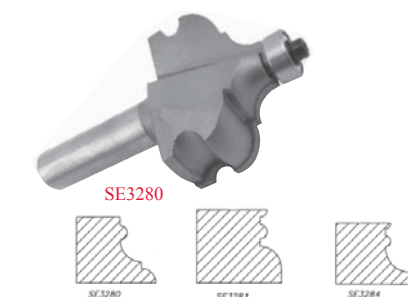


Bead & Cove Bit

1/2" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length
SE3278	3/8"	1-1/4"	1-7/16"

SBE115 Bearing



Molding Bits

1/2" SHANK

Part Number	Bead Diameter	Large Diameter	Cutting Length
SE3280	1/4"	1-3/4"	1 1/8"
SE3281	1/4"	1-1/4"	15/16"
SE3284	3/16"	1-1/4"	13/16"

SBE115 Bearing



Taper Reed Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3286	5/32"	7/8"	1"	1/4"
SE3288	5/32"	7/8"	1"	1/2"

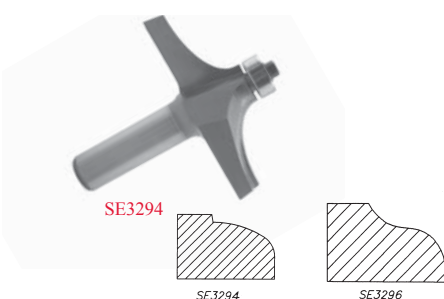
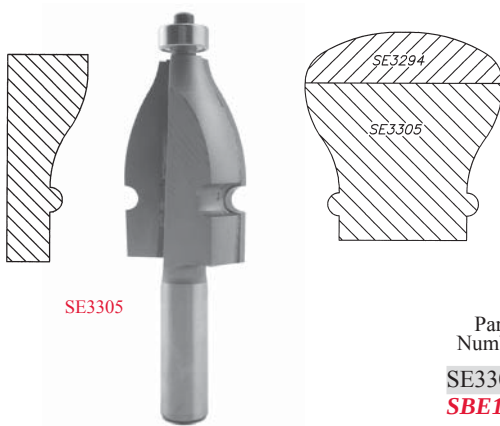


Table Edge Bits

Part Number	Depth	Diameter	Cutting Length	Shank Diameter
SE3294	1"	2-1/2"	3/4"	1/2"
SE3296	1"	2-1/2"	3/4"	1/2"

SBE115 Bearing

Carbide-Tipped Handrail Bit



With the combination of SE3294 and SE3305 you can make this style handrail.

Have a different handrail in mind? Have Southeast Tool quote the router bits or shaper cutters, fax a drawing, or mail a wood sample to Southeast Tool.

Part Number	Bead Diameter	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE3305	1/4"	1-1/4"	2"	1/2"	4"

SBE115 Bearing

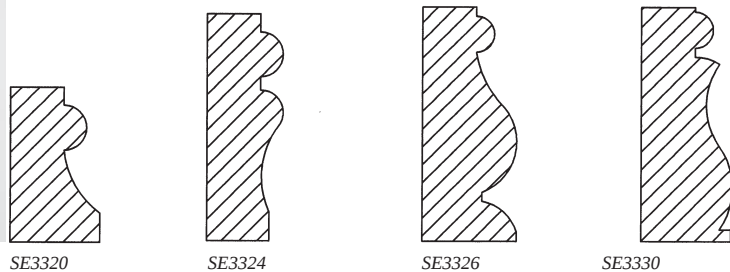
Carbide-Tipped Specialty Molding Bits

1/2" SHANK

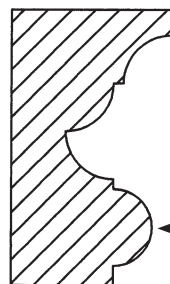


Part Number	Bead Diameter	Large Diameter	Cutting Length	Overall Length
SE3320	5/16"	1"	7/8"	2-1/2"
SE3324	5/16"	15/16"	1-3/8"	3"
SE3326	1/4"	1-1/16"	1-5/8"	3-1/4"
SE3330	1/4"	1"	1-11/16"	3-5/16"

SBE115 Bearing



Carbide-Tipped Classical Multi-form Bit

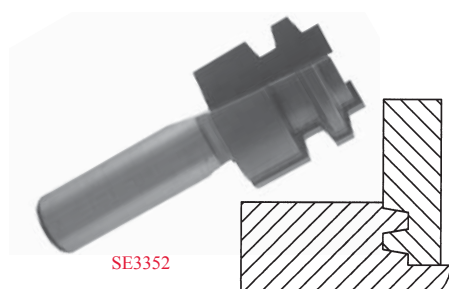


1/2" SHANK

Part Number	Radius	Large Diameter	Cutting Length
SE3342	7/32"	2-1/4"	1-7/8"

SBE115 Bearing

Carbide-Tipped Drawer Lock Bit



Part Number	Large Diameter	Cutting Length	Shank Diameter	Overall Length
SE3350	1-1/16"	3/4"	1/4"	2-5/16"
SE3352	1-1/16"	3/4"	1/2"	2-9/16"

Carbide-Tipped Glue Joint Bit



Part Number	Cutting Diameter	Cutting Length	Shank Diameter
SE3354	1-1/2"	1-1/4"	1/2"

Carbide-Tipped 45° Lock Miter Bits



Part Number	Large Diameter	Cutting Length	Shank Diameter
SE3360	1-3/4"	3/4"	1/2"
SE3362	3-1/2"	1-5/8"	1/2"

Carbide-Tipped 22.5° Lock Miter Bits



Part Number	Large Diameter	Cutting Length	Shank Diameter
SE3364	1-15/32"	15/16"	1/2"

2 Piece Set



Carbide-Tipped Wedge Tongue & Groove



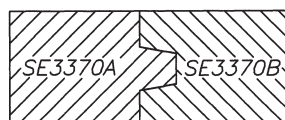
SE3370A



SE3370B

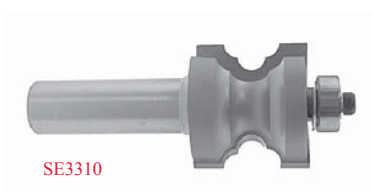
1/2" SHANK • 2 PIECE SET

Part Number	Material Thickness	Cutting Diameter	Cutting Length	Overall Length
SE3370	1/2" - 1-1/8"	1-1/2"	1-1/8"	2-5/8"



TO ORDER INDIVIDUALLY:
SE3370A - Tongue
SE3370B - Groove

Carbide-Tipped Beauty Molding Bit



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Radius	Overall Length
SE3310	1-1/8"	1"	1/2"	1/8"	2-15/16"

SBE115 Bearing

Carbide-Tipped Beaded Picture Frame Molding Bit (3-1/16" OAL)



Part Number	Cutting Diameter	Cutting Length	Shank Diameter
SE3315	3/4"	1-11/16"	1/2"

SBE130 Bearing

Carbide-Tipped Door Edge Profile Bits



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE6019	1-3/4"	7/16"	1/2"	2-5/16"
SE6020	1-3/4"	7/16"	1/2"	2-5/16"
SE6021	1-3/4"	7/16"	1/2"	2-5/16"
SE6022	1-3/4"	7/16"	1/2"	2-5/16"
SE6023	1-3/4"	7/16"	1/2"	2-5/16"

SBE115 Bearing



Carbide-Tipped Crown Molding Edge Trim Bit (3-3/8" OAL)



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Angle 1	Angle 2
SE3318	2-3/8"	1-3/8"	1/2"	38 Deg.	52 Deg.

SBE124 Bearing

Carbide-Tipped Ellipse Ogee Bit



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE3265	1-3/4"	1/2"	1/4"	2-1/8"
SE3266	1-3/4"	1/2"	1/2"	2-1/8"

SBE115 Bearing

Carbide-Tipped Furniture/Box Maker Bit



Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE3525	1-1/2"	1-5/8"	1/2"	3-15/16"

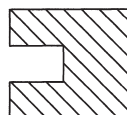
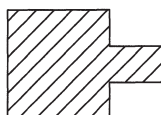
SBE115 Bearing

Carbide-Tipped Tongue & Groove Assembly



1/2" SHANK

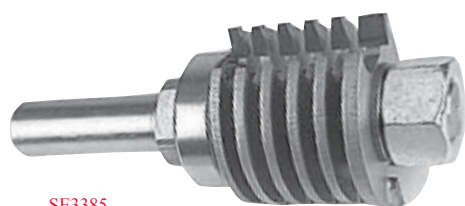
Part Number	Material Thickness	Cutting Diameter	Tongue Width	Bearing
SE3375	1/2" to 13/16"	1-5/8"	9/32"	SBE125



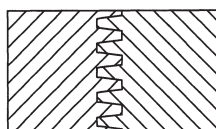
Replacement Parts:

SE3375G - Slotting Cutter
SAR500-1716 - Arbor
SBE125 - Bearing
SESK-012 - Shim Kit

Carbide-Tipped Finger Joint Assembly



Part Number	Cutting Diameter	Cutting Length	Finger Depth	Shank Diameter
SE3385	1 9/16"	1-1/4"	7/32"	1/2"



Carbide-Tipped Plunge Ogee Bits



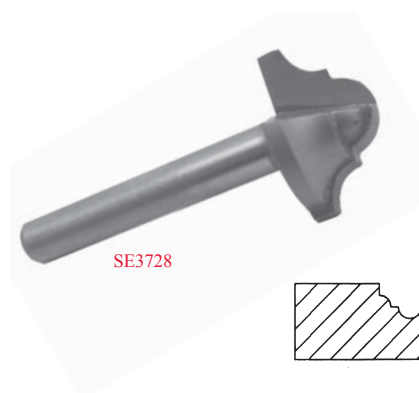
1/4" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3601	1/16"	3/8"	3/8"	1/4"
SE3602	3/32"	1/2"	3/8"	1/4"
SE3603	1/8"	3/4"	7/16"	1/4"
SE3604	3/16"	7/8"	1/2"	1/4"

1/2" SHANK

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE3605	1/16"	3/8"	3/8"	1/2"
SE3605A	3/32"	1/2"	3/8"	1/2"
SE3605B	1/8"	3/4"	7/16"	1/2"
SE3606	3/16"	7/8"	5/8"	1/2"
SE3608	3/16"	1-1/4"	11/16"	1/2"

Carbide-Tipped Classical Round Bottom Bits



Part Number	Radius	Large Diameter	Cutting Length	Shank Diameter
SE3719	3/32"	1/2"	3/8"	1/4"
SE3728	5/32"	3/4"	1/2"	1/4"
SE3733	5/32"	3/4"	1/2"	1/2"
SE3738	7/32"	1"	5/8"	1/2"
SE3752	3/8"	1-1/2"	3/4"	1/2"

Carbide-Tipped MDF Door Bits

TOOLS CAN BE MADE IN INSERT AND PCD
DIAMOND TIPPED CALL FOR PRICING

SE5620



1/2" SHANK – STILE PROFILE

Part Number	Large Diameter	Style	Overall Length
SE5610	7/8"	Bead	2-1/2"
SE5620	1-1/4"	Traditional	2-1/2"

1/2" SHANK – PANEL PROFILE

Part Number	Large Diameter	Style	Overall Length
SE5710	1-1/2"	Cove	2-1/2"
SE5720	1-1/2"	Straight	2-1/2"
SE5725	1-1/2"	Ogee	2-1/2"

SE5720



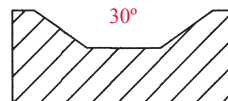
SE5610



SE5620



SE5710



SE5720



SE5725

Carbide-Tipped Vertical Panel Bits



1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Style
SE5801	1"	1-1/2"	Cove
SE5802	1"	1-1/2"	Straight
SE5804	1"	1-1/2"	Ogee
SE5805	1"	1-1/2"	Ogee Bead



SE5801



SE5802



SE5804



SE5805

Carbide-Tipped Raised Panel Bits



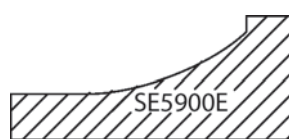
SE5900H

2 WING

Part Number	Cutting Diameter	Cutting Depth	Shank Diameter	Bearing
SE5900B	3-1/4"	1-3/8"	1/2"	SBE115
SE5900E	3-1/4"	1-3/8"	1/2"	SBE115
SE5900H	3-1/4"	1-3/8"	1/2"	SBE115



15°



Cove



Ogee

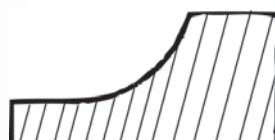
Carbide-Tipped Raised Panel Bits

1/2" SHANK • 2 WING • 2 1/2" DIAMETER

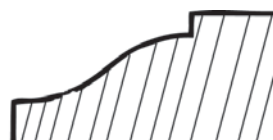
Part Number	Cutting Depth	Bearing	Profile
SE5950	1"	SBE115	Cove
SE5951	1"	SBE115	Ogee
SE5952	1"	SBE115	Straight



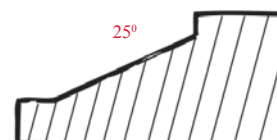
SE5950



Cove

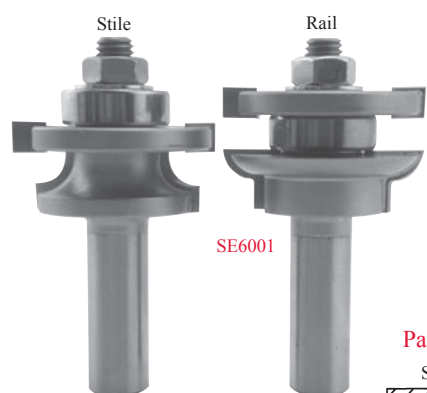


Ogee



Straight

Carbide-Tipped Stile & Rail Bits

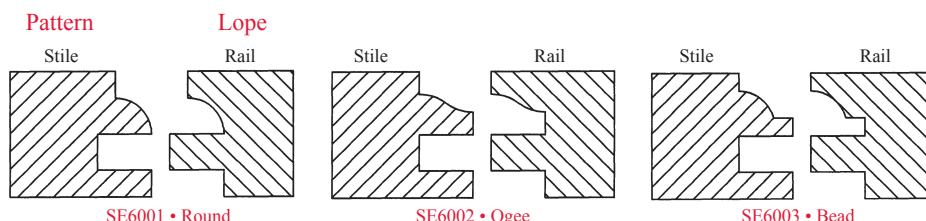


SE6001

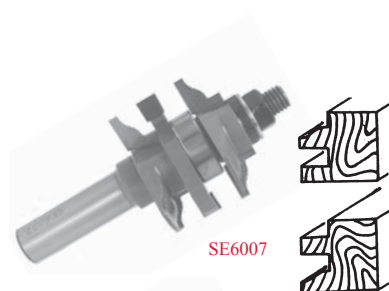
1/2" SHANK • 2-PIECE SET

Part Number	Cutting Diameter	Cutting Depth	Pattern
SE6001	1-5/8"	1"	Round
SE6002	1-5/8"	1"	Ogee
SE6003	1-5/8"	1"	Bead

Bearing SBE125
Shim Kit SESK-012
Groover SE6000G



Carbide-Tipped Door Edge Bits



SE6007

Double Stile & Rail Bit

1/2" SHANK

Part Number	Cutting Diameter	Cutting Depth	Pattern
SE6007	1-5/8"	3/8"	Ogee

Bearing SBE125
Shim Kit SESK-012



SE6010

Recessed Door Edge Bit

Part Number	Cutting Diameter	Cutting Length	Shank
SE6010	1-1/2"	1-3/16"	1/2"



SE6016

European Door Edge Bit

Part Number	Large Diameter	Small Diameter	Shank Diameter	Overall Length
SE6016	1-3/4"	5/8"	1/2"	2-3/8"

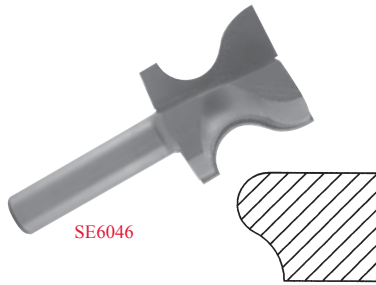


SE6024

Drawer Pull Bits

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE6024	3/16"	3/4"	7/8"	1/2"
SE6026	1/4"	1-1/2"	7/8"	1/2"

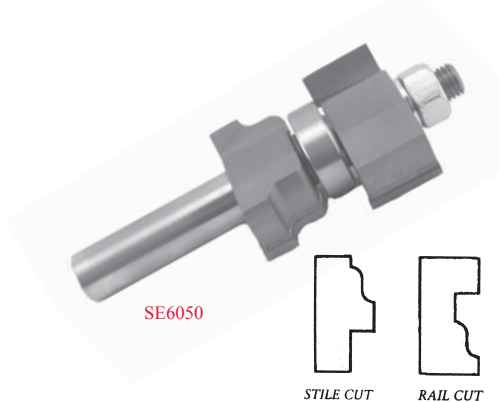
Carbide-Tipped Window Sill Edge Bits



THESE BITS CAN ALSO BE USED FOR DRAWER PULLS

Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
SE6045	7/32"	1-1/4"	13/16"	1/2"
SE6046	3/8"	1-7/16"	1-1/8"	1/2"

Carbide-Tipped Window Sash Bit



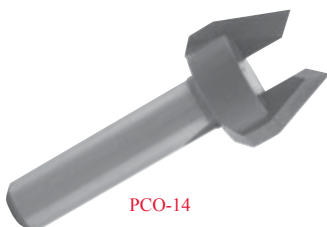
1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE6050	1-3/8"	7/8"-1-5/8"	3-5/8"

REPLACEMENT PARTS

Arbor SAR500WS
Bearing SBE125
Profile Cutter SE6050P
Spacer SE6050SP
Straight Cutter SE6050C
Shim Kit: SESK-012

Carbide-Tipped Plywood Knockout Bit



Part Number	Cutting Diameter	Cutting Length	Shank Diameter
PCO-14	5/16" - 9/16"	5/16"	1/4"

This bit is used to cut out imperfections in plywood, for resurfacing
2 Flute

Polished Solid Carbide Knives



Part Number	Description
SKN6254	1/8" x 5/8" x 4"
SKN6256	1/8" x 5/8" x 6"
SKN6258	1/8" x 5/8" x 8"
SKN7504	1/8" x 3/4" x 4"
SKN7506	1/8" x 3/4" x 6"
SKN7508	1/8" x 3/4" x 8"

All knives sold individually.
Special sizes available, call for a quote.

Carbide-Tipped Slotting Cutters

2 Wing • Cutters Only

1 7/8" DIAMETER X 5/16" BORE

Part Number	Decimal	Kerf	Fractional
SL062-2	.062"		1/16"
SL078-2	.078"		5/64"
SL093-2	.093"		3/32"
SL125-2	.125"		1/8"
SL157-2	.156"		5/32"
SL187-2	.187"		3/16"
SL250-2	.250"		1/4"

Special sizes available, call for a quote.

1-5/8" Diameter

SE3375G	.281	9/32"
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For Tongue & Groove Assembly

SE6000G	.250	1/4"
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For Stile & Rail Assembly

3 Wing • Cutters Only

1 7/8" DIAMETER X 5/16" BORE

Part Number	Decimal	Kerf	Fractional
SL050-3	.050"		n/a
SL055-3	.055"		n/a
SL062-3	.062"		1/16"
SL070-3	.070"		n/a
SL078-3	.078"		5/64"
SL080-3	.080"		n/a
SL093-3	.093"		3/32"
SL100-3	.100"		n/a
SL106-3	.106"		n/a
SL110-3	.110"		7/64"
SL115-3	.115"		n/a
SL125-3	.125"		1/8"
SL140-3	.140"		9/64"
SL157-3	.156"		5/32"
SL187-3	.187"		3/16"
SL218-3	.218"		7/32"
SL250-3	.250"		1/4"
SL281-3	.281"		9/32"

4 Wing • Cutters Only

1 7/8" DIAMETER X 5/16" BORE

Part Number	Decimal	Kerf	Fractional
SL062-4	.062"		1/16"
SL070-4	.070"		n/a
SL080-4	.080"		n/a
SL093-4	.093"		3/32"
SL125-4	.125"		1/8"
SL157-4	.156"		5/32"
SL187-4	.187"		3/16"
SL250-4	.250"		1/4"
SL281-4	.281"		9/32"

Special sizes available, call for a quote.



2 Wing • Assembly

1/4" SHANK
Part Number

1/2" SHANK
Part Number

SL062-2A2	SL062-2A5
SL078-2A2	SL078-2A5
SL093-2A2	SL093-2A5
SL125-2A2	SL125-2A5
SL157-2A2	SL157-2A5
SL187-2A2	SL187-2A5
SL250-2A2	SL250-2A5

Assembly comes complete with arbor & bearing SBE125

3 Wing • Assembly

1/4" SHANK
Part Number

1/2" SHANK
Part Number

SL050-3A2	SL050-3A5
SL055-3A2	SL055-3A5
SL062-3A2	SL062-3A5
SL070-3A2	SL070-3A5
SL078-3A2	SL078-3A5
SL080-3A2	SL080-3A5
SL093-3A2	SL093-3A5
SL100-3A2	SL100-3A5
SL106-3A2	SL106-3A5
SL110-3A2	SL110-3A5
SL115-3A2	SL115-3A5
SL125-3A2	SL125-3A5
SL140-3A2	SL140-3A5
SL157-3A2	SL157-3A5
SL187-3A2	SL187-3A5
SL218-3A2	SL218-3A5
SL250-3A2	SL250-3A5
SL281-3A2	SL281-3A5

Assembly comes complete with arbor & bearing SBE125.

Special sizes available, call for a quote.



4 Wing • Assembly

1/4" SHANK
Part Number

1/2" SHANK
Part Number

SL062-4A2	SL062-4A5
SL070-4A2	SL070-4A5
SL080-4A2	SL080-4A5
SL093-4A2	SL093-4A5
SL125-4A2	SL125-4A5
SL157-4A2	SL157-4A5
SL187-4A2	SL187-4A5
SL250-4A2	SL250-4A5
SL281-4A2	SL281-4A5

Assembly comes complete with arbor & bearing SBE125.



See next page for arbors.

Carbide-Tipped Slotting Cutters

3 Wing • Cutters Only

1 7/8" DIAMETER X 5/16" BORE
COUNTERSINK

Part Number	Decimal	Kerf	Fractional
FBL062-3	.062		1/16"
FBL093-3	.093		3/32"
FBL125-3	.125		1/8"
FBL157-3	.157		5/32"
FBL187-3	.187		3/16"
FBL250-3	.250		1/4"



Arbors For Slotting Cutters

Part Number	Shank Diameter	Arbor Diameter	Arbor Length	Overall Length
SAR250	1/4"	5/16"	7/8"	2-3/8"
SAR375	3/8"	5/16"	7/8"	2-5/8"
SAR500	1/2"	5/16"	7/8"	2-3/8"
SAR500-1716	1/2"	5/16"	1 7/16"	3-1/16" (T&G Assembly)

Add A to the end of part number for arbor with bearing SBE125 (SAR250A).

4 Wing & 6 Wing

Drawer Slot Cutters

1 1/4" DIAMETER X 3/8"-24 THREAD
FOR JEMCO® MACHINE

Part Number	Wings	Decimal	Kerf	Fractional
SJM187-4	4	.187"		3/16"
SJM250-4	4	.250"		1/4"
SJM187-6	6	.187"		3/16"
SJM250-6	6	.250"		1/4"
SJM281-6	6	.281"		9/32"

Special sizes available, call for a quote.



Arbors For JEMCO®

Slot Cutters

3/8"-24 THREAD

Part Number	Shank	Overall Length
SARJM250	1/4"	2"
SARJM375	3/8"	2"
SARJM500	1/2"	2"



3 Wing Cutters

For TOPMASTER® Machine

2 1/2" DIAMETER X 3/8" BORE

Part Number	Decimal	Fractional
STOP093-3	.093"	3/32"
STOP115-3	.115"	n/a
STOP125-3	.125"	1/8"



Special sizes available, call for a quote.

3 Wing • Assembly (18,000 Max RAM)

1/4" SHANK
Part Number

1/2" SHANK
Part Number

FBL062-3A2	FBL062-3A5
FBL093-3A2	FBL093-3A5
FBL125-3A2	FBL125-3A5
FBL157-3A2	FBL157-3A5
FBL187-3A2	FBL187-3A5
FBL250-3A2	FBL250-3A5

Arbors For FBL Series

Part Number	Shank	Overall Length
SARF250	1/4"	1-1/2"
SARF250-XL3	1/4"	3"
SARF500	1/2"	1-1/2"
SARF500-XL3	1/2"	3"

SARF1032-516

SARF1032-12

SARF1032-38

SCREWS
FOR ARBORS

4 Wing & 6 Wing

Drawer Slot Cutters

1 1/4" DIAMETER X 5/16" BORE

Part Number	Wings	Decimal	Kerf	Fractional
SDR187-4	4	.187"		3/16"
SDR250-4	4	.250"		1/4"
SDR187-6	6	.187"		3/16"
SDR250-6	6	.250"		1/4"

2 Wing Cutters

For TOPMASTER® Machine

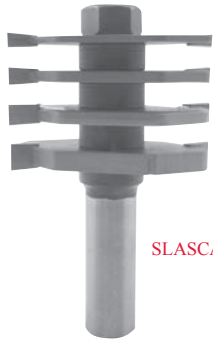
2 1/2" DIAMETER X 3/8" BORE

Part Number	Decimal	Fractional
STOP060	.060"	n/a
STOP062	.062"	1/16"
STOP070	.070"	n/a
STOP080	.080"	n/a
STOP085	.085"	n/a
STOP090	.090"	n/a
STOP093	.093"	3/32"
STOP095	.095"	n/a
STOP100	.100"	n/a
STOP105	.105"	n/a
STOP110	.110"	7/64"
STOP115	.115"	n/a
STOP125	.125"	1/8"
STOP130	.130"	n/a
STOP140	.140"	9/64"
STOP150	.150"	n/a
STOP160	.160"	n/a
STOP170	.170"	11/64"
STOP180	.180"	n/a

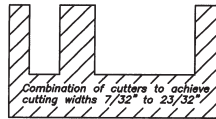
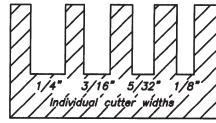
Arbor SAR500-38

Arbor for topmaster cutters

Adjustable Slotting Cutter Assembly



SLASCA



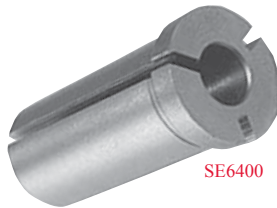
Part Number	Cutting Diameter	Cutting Length	Shank
SLASCA	1-7/8"	1/8"-23/32"	1/2"

To make various width cuts by combining slotters to achieve desired width.

Replacement Parts

SL125-2	1/8" 2 Wing Slotter
SL157-2	5/32" 2 Wing Slotter
SL187-2	3/16" 2 Wing Slotter
SL250-2	1/4" 2 Wing Slotter
SAR500-1716	Arbor
SBE125	Bearing
SESK-012	Shim Kit

Steel Router Collets



SE6400

Part Number	I.D.	O.D.	Overall Length
SE6390	1/8"	1/2"	1-1/4"
SE6395	3/16"	1/2"	1-1/4"
SE6400	1/4"	1/2"	1-1/4"
SE6401	5/16"	1/2"	1-1/4"
SE6402	3/8"	1/2"	1-1/4"
SE6403	10mm	1/2"	1-1/4"

Other sizes available, call for quote.

Solid Brass Inlay Kit



SE9500

Part Number	Description
SE9500	Inlay Kit W/ 1/8" Downcut Spiral SRD203

Will work on any router that will accept a 1 3/8" diameter bushing. (Porter-Cable® and Black & Decker®)

Brass Template Guide Kit



SE9700

SE9700 Kit Includes:

Part Number	Description	Barrel Length	Usage
SE976575	21/32" I.D. x 3/4" O.D.	3/16"	Lock Face Routing
SE973443	11/32" I.D. x 7/16" O.D.	3/16"	Dovetailing 1/2"
SE974050	13/32" I.D. x 1/2" O.D.	3/16"	General
SE972837	9/32" I.D. x 3/8" O.D.	3/16"	General
SE976279	5/8" I.D. x 51/64" O.D.	3/16"	Hinge
SE975362	17/32" I.D. x 5/8" O.D.	3/16"	Stanley Template
SE972531	1/4" I.D. x 5/16" O.D.	3/16"	Dovetailing 1/4"
SE971125N	Locking Nut		

Guides and Nut can be ordered separately

Accessories

BALL BEARINGS

Part Number	Outside Diameter	Inside Diameter
SBE100	1/4"	1/8"
SBE105	3/8"	1/8"
SBE106	3/8"	1/4"
SBE110	3/8"	3/16"
SBE190	.490"	3/16" (For sharpened tools)
SBE193	.490"	1/4" (For sharpened tools)
SBE107	1/2"	1/8"
SBE145	1/2"	1/4"
SBE115	1/2"	3/16"
SBE117	1/2"	3/16" (Delrin Sleeve Bearing)
SBE119	3/4"	6mm
SBE135	5/8"	3/16"
SBE130	5/8"	1/4"
SBE138	11/16"	3/16"
SBE160	11/16"	1/4"
SBE195	.740"	3/16" (For sharpened tools)
SBE197	.740"	1/4" (For sharpened tools)
SBE140	3/4"	3/16"
SBE120	3/4"	1/4"
SBE121	3/4"	1/4" (Delrin Sleeve Bearing)
SBE155	3/4"	1/2"
SBE122	13/16"	3/16"
SBE123	7/8"	3/16"
SBE124	7/8"	1/4"
SBE125	7/8"	5/16"
SBE127	7/8"	3/8"
SBE128	22mm	8mm
SBE147	1"	3/16"
SBE149	1"	1/4"
SBE150	1 1/8"	1/2"
SBE152	1 1/4"	1/2"
SBE153	1 3/8"	1/2"
SBE154	1-1/2"	1/2"
*SBESS	3/4"	1/4"
SBESS-New	7/8"	1/4"

*Used on Solid Surface Bits requiring angle bearing

EURO™

Part Number	Outside Diameter	Inside Diameter
SBE115-ES	1/2"	3/16"
SBE140-ES	3/4"	3/16"

DUST SHIELDS

To Reduce the Effect of Dust and Glues on Bearings

Part Number	Outside Diameter	Inside Diameter	Description
SDS105	3/8"	1/8"	For SBE105
SDS115	1/2"	3/16"	For SBE115
SDS120	3/4"	1/4"	For SBE120

Packaged 10 pieces per pack

RETAINING RINGS

Part Number	Tool Diameter	Package
SE-E12	1/2"	10 pc
SE-E25	1/4"	10 pc



SELC-14



SBE125



SBE140-ES



SDS115

BEARING LOCK COLLARS

Part Number	Inside Diameter	Outside Diameter
SELC-18	1/8"	15/64"
SELC-14	1/4"	7/16"
SELC-12	1/2"	11/16"
SELC-Screw	10 pieces per pack	
SEHK-116	Hex Key Wrench	

BALL BEARINGS

(For sharpened tools)

Part Number	Outside Diameter	Inside Diameter
SBE190	.490"	3/16"
SBE193	.490"	1/4"
SBE195	.740"	3/16"
SBE197	.740"	1/4"

BEARING KITS

Part Number	
SBE200	BEARING KIT • 5 PIECE 3/8", 1/2", 5/8", 3/4" All with 3/16" ID 1 Hex Key Wrench
SBK022	SHARPENER'S BEARING KIT 22 PIECE 5 PC. SBE115 3 PC. SBE110 1 PC. SBE120 1 PC. SBE155 1 PC. SBE190 1 PC. SBE193 1 PC. SBE195 1 PC. SBE197 1 PC. SELC-14 5 PCS. SE540-14 1 PC. SELC-12 1 PC. SEHK-332

SOCKET HEAD CAP SCREWS

Part Number	Thread Size	Thread Length
SE348-14	3-48	1/4"
SE540-14	5-40	1/4"
SE540-38	5-40	3/8"
SE1032-38	10-32	3/8"

Packaged 10 pieces per pack

SHIM/SPACER KIT • 12 PIECE

For any assembly using 5/16" arbor that may need adjustment. All spacers are 5/16" ID x 5/8" O.D. Kit includes 3 each of the following thicknesses: 6mm, 1mm, .5mm, and .1mm.

Part Number — SESK-012

HEX KEY WRENCHES

Part Number	Size	Application
SEHK-116	1/16"	Bearing Lock Collars
SEHK-564	5/64"	1/8" ID Bearings (3-48) Screw
SEHK-332	3/32"	3/16" ID Bearings (5-40) Screw
SEHK-532	5/32"	1/4" ID Bearings (10-32) Screw

Carbon Steel Router Blanks For Carbide Tipping



All 1/2" Shank and 3" OAL

1/8" Under Size

Part Number	Diameter	Cutting Length
SECSRB-34	3/4"	1-1/2"
SECSRB-1	1"	1-1/2"
SECSRB-114	1-1/4"	1-1/2"
SECSRB-112	1-1/2"	1-1/2"
SECSRB-134	1-3/4"	1-1/2"
SECSRB-2	2"	1-1/2"
SECSRB-214	2-1/4"	1-1/2"
SECSRB-212	2-1/2"	1-1/2"

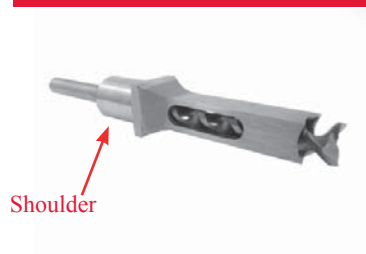
High-Speed Steel Router Blanks Finished Ground



All 1/2" Shank and 3" OAL

Part Number	Diameter	Cutting Length
SEHSSRB-34	3/4"	1-1/2"
SEHSSRB-1	1"	1-1/2"
SEHSSRB-114	1-1/4"	1-1/2"
SEHSSRB-112	1-1/2"	1-1/2"
SEHSSRB-134	1-3/4"	1-1/2"
SEHSSRB-2	2"	1-1/2"
SEHSSRB-214	2-1/4"	1-1/2"
SEHSSRB-212	2-1/2"	1-1/2"
SEHSSRB-234	2-3/4"	1-1/2"
SEHSSRB-3	3"	1-1/2"

Hollow Mortising Chisels



Part Number	Diameter	Shoulder Diameter	Overall Length
SEHMC250	1/4"	3/4"	5-1/4"
SEHMC375	3/8"	3/4"	5-1/2"
SEHMC500	1/2"	3/4"	5-1/2"
SEHMC625	5/8"	3/4"	6"
SEHMC750	3/4"	1-1/8"	6"

Each Chisel 1/4" thru 5/8" comes with the center drill

Center Drill Only High Speed Steel For Hollow Mortising Chisels

Part Number	Diameter	Overall Length
SEHMC250-Drill	1/4"	8-1/4"
SEHMC375-Drill	3/8"	8-1/4"
SEHMC500-Drill	1/2"	8-1/4"
SEHMC625-Drill	5/8"	9"
SEHMC750-Drill	3/4"	9"

Carving Rougher Bits



High-Speed Steel

Part Number	Diameter	Rotation	Shank
SECR500RH	1/2"	RH	1/4"
SECR500LH	1/2"	LH	1/4"
SECR625RH	5/8"	RH	1/4"
SECR625LH	5/8"	LH	1/4"
SECR625RH-11	5/8"	RH	11mm
SECR625LH-11	5/8"	LH	11mm
SECR750RH	3/4"	RH	1/4"
SECR750LH	3/4"	LH	1/4"
SECR750RH-11	3/4"	RH	11mm
SECR750LH-11	3/4"	LH	11mm
SECR750RH-12	3/4"	RH	1/2"
SECR750LH-12	3/4"	LH	1/2"
SECR1000RH	1"	RH	1/4"
SECR1000LH	1"	LH	1/4"

Roundnose Carving Bits



High-Speed Steel

Part Number	Diameter	Rotation	Shank
SERC500RH	1/2"	RH	1/4"
SERC500LH	1/2"	LH	1/4"
SERC750RH	3/4"	RH	1/4"
SERC750LH	3/4"	LH	1/4"

Carving Pod Bits



High-Speed Steel- All 1/4" Shank

Part Number	Diameter	Cutting Length	Rotation	Overall Length
SEPD125LH	1/8"	3/4"	LH	3"
SEPD125RH	1/8"	3/4"	RH	3"
SEPD187LH	3/16"	1"	LH	3"
SEPD187RH	3/16"	1"	RH	3"
SEPD250LH	1/4"	1"	LH	3"
SEPD250RH	1/4"	1"	RH	3"
SEPD375LH	3/8"	1"	LH	3"
SEPD375RH	3/8"	1"	RH	3"

Square Corner Chisel



Part Number	Radius
SE9600	1/4"



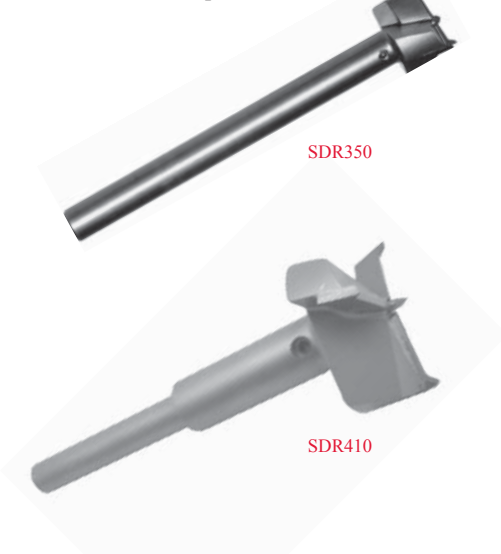
Carbide-Tipped 3 Wing Drills

CAUTION: TO BE USED IN A DRILL PRESS, MILLING MACHINE OR BORING MACHINE ONLY

Replacement Parts

SDR-DRILL - Replacement Center Drill

SDR - SCREW - Replacement Screw



*Full Shanks on Bits up to and including SDR350
Special sizes available, call for a quote.
Add F to end of part number for 1 Flat on Shank
Add F3 to end of part number for 3 Flats on Shank
These drills can be re-tipped, call for pricing.*

Part Number	Diameter	Overall Length	Shank
SDR290	1/2"	6"	1/2"
SDR295	9/16"	6"	1/2"
SDR305	5/8"	6"	1/2"
SDR303	11/16"	6"	1/2"
SDR300	3/4"	6"	1/2"
SDR306	13/16"	6"	1/2"
SDR310	7/8"	6"	1/2"
SDR315	15/16"	6"	1/2"
SDR320	1"	6"	1/2"
SDR325	1-1/16"	6"	1/2"
SDR330	1-1/8"	6"	1/2"
SDR340	1-1/4"	6"	1/2"
SDR350	1-3/8"	6"	1/2"
SDR360	1-1/2"	6"	1/2"
SDR370	1-5/8"	6"	1/2"
SDR380	1-3/4"	6"	1/2"
SDR390	1-7/8"	6"	1/2"
SDR400	2"	6"	1/2"
SDR410	2-1/8"	6"	1/2"
SDR413	2-1/4"	6"	1/2"
SDR414	2-3/8"	6"	1/2"
SDR415	2-1/2"	6"	1/2"
SDR424	2-15/16"	6"	1/2"
SDR425	3"	6"	1/2"
SDR430	3-1/4"	6"	1/2"
SDR440	3-3/4"	6"	1/2"

Carbide-Tipped 3 Wing Drills • Quick Change



Part Number	Diameter	Overall Length	Shank
SDR300-QCF	3/4"	3-3/4"	1/2"
SDR310-QCF	7/8"	3-3/4"	1/2"
SDR320-QCF	1"	3-7/8"	1/2"
SDR325-QCF	1-1/16"	3-7/8"	1/2"
SDR330-QCF	1-1/8"	3-7/8"	1/2"
SDR340-QCF	1-1/4"	3-7/8"	1/2"
SDR345-QCF	1-5/16"	3-7/8"	1/2"
SDR350-QCF	1-3/8"	3-7/8"	1/2"
SDR360-QCF	1-1/2"	3-7/8"	1/2"
SDR390-QCF	1-7/8"	3-7/8"	1/2"

Carbide-Tipped Door Knob 3 Wing Drill

CAUTION: TO BE USED IN A DRILL PRESS, MILLING MACHINE OR BORING MACHINE ONLY



Part Number	Diameter	Shank	Overall Length	Description
SDK500	2-1/8"	1/2"	5-3/4"	No Flat
SDK510	2-1/8"	1/2"	5-3/4"	With Flat
SDK510-750	2-1/8"	3/4"	5-3/4"	With Flat

Replacement Parts

SDK560 - Center Drill

SDK565 - Set Screw

Carbide-Tipped Door Bits

Replacement Parts

SDR-DRILL - Replacement Center Drill

SDR - SCREW - Replacement Screw



SLOC600

FOR AUTOMATED PRE-HUNG DOOR EQUIPMENT

Part Number	Description	Diameter	Shank	Overall Length
SLOC600	With Flat on Shank	2-1/8"	1/2"	5-3/4"
SLOC605	3 Flats on Shank	2-1/8"	1/2"	5-3/4"
SLOC610	Without Flat	2-1/8"	1/2"	5-3/4"

High Speed Steel Multi-Spur Bits



SMSHS435

All bits have a 1/2" Shank unless noted.
6" Overall Length
Made in Austria



*4-3/4 Overall

**5-1/8 Overall

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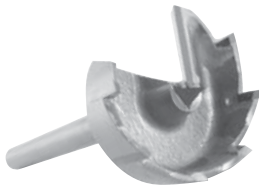
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Part Number	Diameter
SMSHS280	3/8"
SMSHS290	1/2
SMSHS295	9/16
SMSHS298	5/8
SMSHS303	11/16
SMSHS300	3/4"
SMSHS305	13/16"
SMSHS310	7/8"
SMSHS315	15/16"
SMSHS321	1"
SMSHS325	1-1/16"
SMSHS330	1-1/8"
SMSHS335	1-3/16"
SMSHS340	1-1/4"
SMSHS345	1-5/16"
SMSHS350	1-3/8"
SMSHS355	1-7/16"
SMSHS360	1-1/2"
SMSHS365	1-9/16"
SMSHS370	1-5/8"
SMSHS375	1-11/16"
SMSHS380	1-3/4"

Part Number	Diameter
SMSHS385	1-13/16"
SMSHS390	1-7/8"
SMSHS395	1-15/16"
SMSHS400	2"
SMSHS411	2-1/8"
SMSHS413	2-1/4"
SMSHS414	2-3/8"
SMSHS415	2-1/2"
SMSHS420	2-5/8"
SMSHS425	2-3/4"
SMSHS430	2-7/8"
SMSHS435	3"
*SMSHS440-34	3 1/8"
SMSHS440	3-1/8"
*SMSHS445-34	3-1/4"
SMSHS445	3-1/4"
*SMSHS450-34	3-1/2"
SMSHS450	3-1/2"
*SMSHS455-34	3-3/4"
SMSHS455	3-3/4"
*SMSHS460-34	4"
SMSHS460	4"

*3/4" shank

Carbide-Tipped Multi-Spur Bits



SMS410

All bits have a 1/2" Shank unless noted.
6" Overall Length
Made in USA

Import

Part Number	Description
SMS320	C/T Multi Spur 1" Dia
SMS410	C/T Multi Spur 2-1/8" Dia

Part Number	Diameter
SMS300	3/4"
SMS305	13/16"
SMS310	7/8"
SMS315	15/16"
SMS321	1"
SMS325	1-1/16"
SMS330	1-1/8"
SMS335	1-3/16"
SMS340	1-1/4"
SMS345	1-5/16"
SMS350	1-3/8"
SMS355	1-7/16"
SMS360	1 1/2"
SMS365	1-9/16"
SMS370	1-5/8"
SMS375	1-11/16"
SMS380	1-3/4"
SMS385	1-13/16"
SMS390	1-7/8"
SMS395	1-15/16"

Part Number	Diameter
SMS400	2"
SMS411	2-1/8"
SMS413	2-1/4"
SMS414	2-3/8"
SMS415	2-1/2"
SMS420	2-5/8"
SMS425	2-3/4"
SMS430	2-7/8"
SMS435	3"
*SMS440-34	3-1/8"
SMS440	3-1/8"
*SMS445-34	3-1/4"
SMS445	3-1/4"
*SMS450-34	3-1/2"
SMS450	3-1/2"
*SMS455-34	3-3/4"
SMS455	3-3/4"
*SMS460-34	4"
SMS460	4"

*3/4" shank

Carbide-Tipped Economy Door Bits



Part Number	Diameter	Overall Length	Shank	
SE6100	2-1/8"	6"	1/2"	
SE6100F	2-1/8"	6"	1/2"	With Flat

Carbide-Tipped Latch Bits

FOR AUTOMATED PRE-HUNG DOOR EQUIPMENT



Part Number	Description	Diameter	Shank	Overall Length
SLAT670	Without Flat	7/8"	1/2"	6"
SLAT680	With Flat	7/8"	1/2"	6"
SLAT690	Threaded	7/8"	7/16" Thread	5-7/8"
SLAT720	Without Flat	15/16"	1/2"	6"
SLAT730	With Flat	15/16"	1/2"	6"
SLAT740	Threaded	15/16"	7/16" Thread	5-7/8"
SLAT770	Without Flat	1"	1/2"	6"
SLAT780	With Flat	1"	1/2"	6"
SLAT790	Threaded	1"	7/16" Thread	5-7/8"
SLAT800	Without Flat	1-1/16"	1/2"	6"
SLAT810	With Flat	1-1/16"	1/2"	6"
SLAT820	Threaded	1-1/16"	7/16" Thread	5-7/8"

Other sizes available including threaded shank.

Carbide-Tipped Brad Point Twist Drills



Part Number	Drill Diameter	Twist Length	Shank	Overall Length	Description
SBPT1	1"	4"	1/2"	6"	No Flat
SBPT1F	1"	4"	1/2"	6"	With Flat
SBPT1T	1"	4"	7/16-14"	5 13/16"	Threaded

Carbide-Tipped Face Frame Bits



Part Number	Description	Diameter	Pilot Drill	Overall Length
SFFB700	Complete Assembly	3/8"	#29	4"
SFFB800	Complete Assembly	3/8"	#29	4"
* SFFB900	Complete Assembly	3/8"	#29	6"
SFFB1000	Complete Assembly	3/8"	#29	6-3/4"
SFFB710	#29 Pilot Drill Only			
SFFB720	Replacement Set Screw			

Drills

CARBIDE-TIPPED ADJUSTABLE COUNTERSINK, STYLE 4CT

Designed for countersinking holes for flat-head screws.

Recommended for use in any wood product containing glue, or long production runs in hardwood.

Performs well in many plastics, as well as in several composite materials, including fiberglass.

Center drill is held in place with set screws.

Please note that center drills are not included in the sale of countersinks.

Part Number	Countersink Diameter	Center Drill Diameter	Shank Dia. x Length	Overall Length
SE144000	3/8"	3/16"	1/2" x 3/8"	1-1/4"
SE14400	1/2"	1/8"		1-1/4"
SE14401	1/2"	3/16"		1-1/4"
SE14402	1/2"	7/32"		1-1/4"
SE14403	1/2"	1/4"		1-1/4"
SE144030	1/2"	5/16"	5/8" x 3/8"	1-1/4"



TAPER SHELL COUNTERSINK, STYLE 4

Designed for countersinking holes for flat-head screws.

Center drill is held in place with set screws.

HSS steel.

Please note that center drills are not included in the sale of countersinks.

Part Number	Countersink Diameter	Center Drill Diameter	Shank Dia. x Length	Overall Length
SE10400	3/8"	1/8"	1/2" x 3/8"	1-1/4"
SE10401	3/8"	3/16"	1/2" x 3/8"	1-1/4"
SE10402	1/2"	1/8"		1-1/4"
SE10404	1/2"	5/32"		1-1/4"
SE10406	1/2"	3/16"		1-1/4"
SE10408	1/2"	7/32"		1-1/4"
SE10409	1/2"	1/4"		1-1/4"
SE104094	1/2"	5/16"	5/8" x 3/8"	1-1/4"
SE10410	5/8"	1/4"		1-1/4"
SE10411	5/8"	5/16"		1-1/4"
SE10412	3/4"	5/16"		1-1/4"
SE10413	3/4"	3/8"		1-1/4"



Call for pricing and availability!

Drills

ADJUSTABLE COUNTERBORE, STYLE NO. 5

Designed for counterboring flat-bottom holes.

Overall length is 4-1/2". Shank diameter is 1/2".

Center drills are not included.



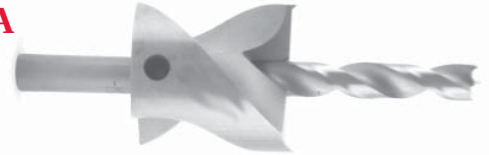
5 Adjustable Counterbore

ADJUSTABLE COUNTERBORE, STYLE NO. 5A

Designed for counterboring flat-bottom holes.

Drill is held in place with two opposing set screws.

Center drills are for reference only.



5A Adjustable Counterbore

CARBIDE-TIPPED COUNTERBORE, STYLE NO. 5CT

Designed for counterboring flat-bottom holes.

Center drills are not included.



5CT Counterbore

CARBIDE-TIPPED COUNTERSINK, STYLE NO. 5CT

Designed for countersinking holes for flat-head screws.

Center drills are not included.



5CT Countersink

SHORT-LENGTH COUNTERSINKS, STYLE NO. 5C

Designed for countersinking holes for flat-head screws.

Shank diameter is 1/2" x 1-1/2" long.

Center drills are not included.



5C Short Length Countersink

ADJUSTABLE COUNTERSINK, STYLE NO. 5C

Designed for countersinking holes for flat-head screws.

Overall length is 4-1/2". Shank diameter is 1/2".

Center drills are not included.



5C Adjustable Countersink

SOLID COUNTERBORE, STYLE NO. 5DHS STEP DRILL • 1 PIECE

Overall length is 5-1/2". Shank is 1/2" in diameter x 2" long.



5DHS Solid Counterbore

Call for pricing and availability!

Drills

SOLID COUNTERSINK, STYLE NO. 5EHS STEP DRILL • 1 PIECE

Designed for countersinking holes for flat-head screws.

Overall length is 5-1/2". Shank is 1/2" in diameter x 2" long.



5EHS Solid Countersink

THREADED-SHANK ADJUSTABLE COUNTERBORE, STYLE NO. 514

Designed for counterboring flat-bottom holes.

Overall length is 4-1/2". Shank length is 1-1/2". Shank thread is 7/16"-14.

Center drills are not included.



Style 514 Counterbore

THREADED-SHANK ADJUSTABLE COUNTERSINK, STYLE NO. 514C

Designed for countersinking holes for flat-head screws.

Overall length is 4-1/2". Shank length is 1-1/2". Shank thread is 7/16"-14.

Center drills are not included.



Style 514C Countersink

CARBIDE-TIPPED ADJUSTABLE COUNTERBORE, STYLE NO. 514CT

Designed for counterboring flat-bottom holes.

Center drills are not included.



Style 514CT Counterbore

MORTISING BIT, STYLE NO. 6HS 2 FLUTE • BI-DIRECTIONAL CUTTING

Designed for use on vibrating mortising machines.



Style 6HS

VIBRATING MORTISE BIT, STYLE NO. 46HS 2 FLUTE • BI-DIRECTIONAL CUTTING

Designed for use on vibrating mortising machines.



Style 46HS

THREADED-SHANK DRILL-POINT DRILL, STYLE NO. 12HS • 90° POINT FOR WOODWORKING

Threaded shank is 7/16"-14.



Style 12HS

THREADED-SHANK BRAD-POINT DRILL, STYLE 14, 14A, 14ACT

Threaded shank is 7/16"-14.

Made from carbon tool steel.



Style 14

Call for pricing and availability!

Drills

THREADED-SHANK BRAD-POINT DRILL, STYLE 14AHS

Threaded shank is 7/16"-14.

Made from high-speed steel.



Style 14AHS

THREADED-SHANK BRAD-POINT DRILL, STYLE NO. 14BHS

Threaded shank is 7/16"-14.

Made from high-speed steel.



Style 14BHS

CARBIDE-TIPPED THREADED-SHANK BRAD-POINT DRILLS, STYLE NO. 14CT

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Threaded shank is 7/16"-14.



Style 14CT

METRIC CARBIDE-TIPPED THREADED-SHANK BRAD-POINT DRILLS, STYLE NO. 14CT

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Threaded shank is 7/16"-14.



Style 14CT

CARBIDE-TIPPED THREADED-SHANK (EXTENDED) BRAD-POINT DRILLS, STYLE NO. 14ESCT

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Threaded shank is 7/16"-14.



Style 14ESCT

THREADED-SHANK (EXTENDED) BRAD-POINT DRILLS, STYLE NO. 14ESHS

Threaded shank is 7/16"-14.

Made from high-speed steel.



Style 14ESHS

Call for pricing and availability!

Drills

THREADED-SHANK (EXTENDED) BRAD-POINT DRILLS, STYLE NO. 14ESHS-L

Threaded shank is 7/16"-14.
Made from high-speed steel.



14ESHS-L

THREADED- SHANK BRAD-POINT DRILLS STYLE NO. 14HS

Threaded shank is 7/16"-14.
Made from high-speed steel.



Style 14HS

THREADED-SHANK BRAD-POINT DRILLS, STYLE NO. 14HS – CONTINUED

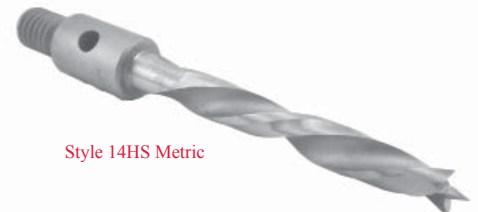
Threaded shank is 7/16"-14.
Made from high-speed steel.



Style 14HS

THREADED-SHANK BRAD-POINT DRILLS, STYLE NO. 14HS METRIC

Threaded shank is 7/16"-14.
Made from high-speed steel.



Style 14HS Metric

THREADED-SHANK BRAD-POINT DRILLS, STYLE NO. 14HSL

Threaded shank is 7/16"-14.
Made from high-speed steel.



Style 14HSL

THREADED-SHANK BRAD-POINT DRILLS, STYLE NO. 14R

Threaded shank is 7/16"-14.
Made from high-speed steel.



Style 14R

Drills

COUNTERSINK DRILLS, STYLE 5B

For use with adjustable style counterbores, and countersinks.

6" overall length.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Shank Length
SE50300BP	3/16"	2-1/4"	1/8"	4"
SE503001BP	7/32"	2-1/4"	3/16"	3-3/4"
SE503010**	5/16"	1-1/2"	1/4"	4-1/2"
SE50301BPHS	5/16"	1-1/2"	1/4"	4-1/2"
SE50302BPHS	3/8"	1-1/2"	1/4"	4-1/2"
SE503025**	3/8"	1-1/2"	1/4"	4-1/2"
SE50303BPHS	7/16"	1-1/2"	1/4"	4-1/2"
SE50305BPHS	1/2"	1-1/2"	1/4"	4-1/2"

****Tools with asterisks after the stock number would have a drill-point.**
All other tools listed are brad-points.



5B Adjustable Counterbore

BRAD-POINT DRILL, STYLE 5BLHS

Designed for use in bed-lock machines.

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50134	19/64"	4"	2"	6"
SE50135	9/32"	4"	2"	6"



5BLHS Brad-Point

COUNTERSINK BRAD-POINT DRILL, STYLE 5BPHS

Shank same size as diameter.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50216	1/8"	2-1/2"	3-1/2"	6"
SE50217	5/32"	2-1/2"	3-1/2"	6"
SE50218	3/16"	2-1/2"	3-1/2"	6"
SE50220	7/32"	2-1/2"	3-1/2"	6"
SE50221	1/4"	2-1/2"	3-1/2"	6"
SE50223	9/32"	2-1/2"	3-1/2"	6"
SE50224	5/16"	2-1/2"	3-1/2"	6"
SE502242	11/32"	2-1/2"	3-1/2"	6"
SE50225	3/8"	2-1/2"	3-1/2"	6"

Other sizes available.



5BPHS Countersink Brad-Point

COUNTERSINK BRAD-POINT DRILL, STYLE NO. 5BPHS-LH

Left-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50226	3/16"	2-1/2"	3-1/2"	6"
SE50227	7/32"	2-1/2"	3-1/2"	6"
SE50228	1/4"	2-1/2"	3-1/2"	6"



5BPHS-LH Countersink Brad-Point

Drills

COUNTERSINK DRILL-POINT DRILLS, STYLE NO. 5HS

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE502001	3/32"	2-1/2"	3-1/2"	6"
SE50201	1/8"	2-1/2"	3-1/2"	6"
SE50202	5/32"	2-1/2"	3-1/2"	6"
SE50204	3/16"	2-1/2"	3-1/2"	6"
SE50206	7/32"	2-1/2"	3-1/2"	6"
SE50207	1/4"	2-1/2"	3-1/2"	6"
SE50209	9/32"	2-1/2"	3-1/2"	6"
SE50211	5/16"	2-1/2"	3-1/2"	6"
SE502111	11/32"	2-1/2"	3-1/2"	6"
SE50212	3/8"	2-1/2"	3-1/2"	6"
SE50219	13/64"	2-1/2"	3-1/2"	6"
SE50222	19/64"	2-1/2"	3-1/2"	6"

Other sizes available.



Style 5HS

COUNTERSINK DRILL-POINT DRILLS, STYLE NO. 5HSLH

Left-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50213	3/16"	2-1/2"	3-1/2"	6"
SE50214	7/32"	2-1/2"	3-1/2"	6"
SE50215	1/4"	2-1/2"	3-1/2"	6"



Style 5HSLH

V-POINT COUNTERSINK DRILL, STYLE NO. 5VHS

Designed for angle drilling.

Fish-tail point.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50136HS	3/16"	2-1/2"	3-1/2"	6"
SE50137HS	7/32"	2-1/2"	3-1/2"	6"
SE50138HS	1/4"	2-1/2"	3-1/2"	6"



Style 5VHS

Drills

BRAD-POINT COUNTERSINK DRILL, STYLE NO. 5-7BPHS

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50704	3/16"	3"	4"	7"
SE50705	7/32"	3"	4"	7"
SE50706	1/4"	3"	4"	7"



Style 5-7BPHS

DRILL-POINT DRILL, STYLE NO. 5-7HS

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50701HS	3/16"	3"	4"	7"
SE50702HS	7/32"	3"	4"	7"
SE50703HS	1/4"	3"	4"	7"



Style 5-7HS

BRAD-POINT COUNTERSINK DRILL, STYLE NO. 5-8BPHS

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50804	3/16"	4"	4"	8"
SE50805	7/32"	4"	4"	8"
SE50806	1/4"	4"	4"	8"



Style 5-8BPHS

COUNTERSINK DRILL-POINT DRILL, STYLE NO. 5-8HS

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE50801HS	3/16"	4"	4"	8"
SE50802HS	7/32"	4"	4"	8"
SE50803HS	1/4"	4"	4"	8"



Style 5-8HS

Drills

BRAD-POINT DRILL, STYLE NO. 8BPHS

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE80210	1/8"	2-1/4"	2-1/4"	4-1/2"
SE80211	5/32"	2-1/4"	2-1/4"	4-1/2"
SE80212	3/16"	2-1/4"	2-1/4"	4-1/2"
SE80213	7/32"	2-1/4"	2-1/4"	4-1/2"
SE80214	1/4"	2-1/4"	2-1/4"	4-1/2"
SE80217	5/16"	2-1/4"	2-1/4"	4-1/2"
SE80218	3/8"	2-1/4"	2-1/4"	4-1/2"

Other sizes available.



Style 8BPHS

BRAD-POINT DRILL, STYLE NO. 8BPHSLH

Left-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE80212L	3/16"	2"	2-1/2"	4-1/2"
SE80213L	7/32"	2"	2-1/2"	4-1/2"
SE80214L	1/4"	2"	2-1/2"	4-1/2"



Style 8BPHSLH

STRAIGHT-SHANK BRAD-POINT DRILL, STYLE NO. 13

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE13001M	1/8"	1-5/8"	1-1/8"	2-3/4"
SE13002	5/32"	2"	1-1/8"	3-1/8"
SE13003M	3/16"	2-5/16"	1-3/16"	3-1/2"
SE13004	7/32"	2-1/2"	1-1/4"	3-3/4"
SE13005	1/4"	2-3/4"	1-1/4"	4"
SE13006	9/32"	2-15/16"	1-5/16"	4-1/4"
SE13007	5/16"	3-3/16"	1-5/16"	4-1/2"
SE13009	3/8"	3-5/8"	1-3/8"	5"
SE13010	7/16"	4-1/16"	1-7/16"	5-1/2"

Other sizes available.



Style 13

BRAD-POINT DRILL, STYLE NO. 13B

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE13101	5/16"	3-1/2"	1/4"	4-1/2"
SE13102	3/8"	3-1/2"	1/4"	4-1/2"
SE13103	7/16"	3-1/2"	1/4"	4-1/2"
SE13104	1/2"	3-1/2"	1/4"	4-1/2"

Other sizes available.



Style 13B

Drills

CARBIDE-TIPPED COUNTERSINK, STYLE NO. 8CT • 82° ANGLE

Designed for countersinking holes for flat-head screws.

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Overall length is 3".

Center drill is held in place with a set screw.

Please note that center drills are not included in the sale of countersinks.

Part Number	Countersink Diameter	Center Drill Diameter	Shank Length	Shank Diameter
SE18800	3/8"	3/16"	1-1/2"	1/2"
SE188001	7/16"	3/16"	1-1/2"	1/2"
SE188002	7/16"	7/32"	1-1/2"	1/2"
SE18801	1/2"	3/16"	1-1/2"	1/2"
SE18802	1/2"	7/32"	1-1/2"	1/2"
SE18803	1/2"	1/4"	1-1/2"	1/2"

Center drills are not included.



Style 8CT

DRILL-POINT DRILL, STYLE NO. 8HS

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE80200	3/32"	2-1/4"	2-1/4"	4-1/2"
SE80201	1/8"	2-1/4"	2-1/4"	4-1/2"
SE80202	5/32"	2-1/4"	2-1/4"	4-1/2"
SE80204	3/16"	2-1/4"	2-1/4"	4-1/2"
SE80205	7/32"	2-1/4"	2-1/4"	4-1/2"
SE80206	1/4"	2-1/4"	2-1/4"	4-1/2"
SE80207	9/32"	2-1/4"	2-1/4"	4-1/2"
SE80208	5/16"	2-1/4"	2-1/4"	4-1/2"
SE80209	3/8"	2-1/4"	2-1/4"	4-1/2"

Other sizes available.



Style 8HS

DRILL-POINT DRILL, STYLE NO. 8HSLH

Left-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE802041	3/16"	2"	2-1/2"	4-1/2"
SE802051	7/32"	2"	2-1/2"	4-1/2"
SE802061	1/4"	2"	2-1/2"	4-1/2"



Style 8HSLH

Drills

MULTI-SPUR COUNTERBORE, STYLE NO. 184

CARBON TOOL STEEL • AUSTRIA.

Designed for counterbore flat-bottom holes.

Center drill is held in place with two opposing set screws.

Available with carbide tips, by special order.

Please note that center drills are not included in the sale of counterbores.

Part Number	Outside Diameter	Hole Diameter	Overall Length
SE18402	1-1/8"	1/2"	1-3/16"
SE18405	1-1/2"	1/2"	1-3/8"
SE18407	1-3/4"	1/2"	1-3/8"
SE18408	1-7/8"	1/2"	1-1/2"
SE18409	2"	1/2"	1-1/2"
SE18410	2-1/8"	1/2"	1-3/4"
SE18412	2-1/2"	1/2"	1-3/4"

Other sizes are also available, by request.

The above tools are available in carbide-tipped; call for pricing.



Style 184

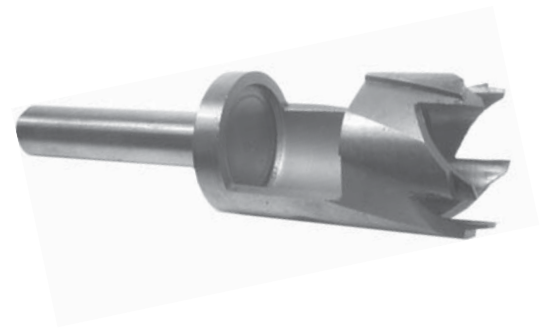
SPIRAL PLUG CUTTER, STYLE NO. 9B

Designed with a spiral flute to be free cutting, and opened up to allow easy plug removal.

Industrial design for true size plugs, even after several sharpenings.

Made from carbon tool steel.

Part Number	Plug Cutter Diameter	Barrel Length	Shank Diameter	Overall Length
SE90001	1/4"	2"	1/2"	4"
SE90002	5/16"	2"	1/2"	4"
SE90003	3/8"	2-1/4"	1/2"	4-1/2"
SE90004	7/16"	2-1/4"	1/2"	4-1/2"
SE90005	1/2"	2-1/4"	1/2"	4-1/2"
SE90006	9/16"	2-1/4"	1/2"	4-1/2"
SE90007	5/8"	2-1/4"	1/2"	4-1/2"
SE90008	11/16"	2-1/4"	1/2"	4-1/2"
SE90009	3/4"	2-1/4"	1/2"	4-1/2"
SE90010	13/16"	2-1/4"	1/2"	4-1/2"
SE90011	7/8"	2-1/4"	1/2"	4-1/2"
SE90012	15/16"	2-1/4"	1/2"	4-1/2"
SE90013	1"	2-1/4"	1/2"	4-1/2"
SE90014	1-1/8"	2-1/4"	1/2"	4-1/2"
SE90015	1-1/4"	2-1/4"	1/2"	4-1/2"
SE90016	1-3/8"	2-1/4"	1/2"	4-1/2"
SE90017	1-1/2"	2-1/4"	1/2"	4-1/2"
SE90018	1-3/4"	2-1/4"	1/2"	4-1/2"
SE90019	2"	2-1/4"	1/2"	4-1/2"
SE90022	2-1/8"	2-1/4"	1/2"	4-1/2"



New Style Plug Cutter

Drills

BRADPOINT DRILL, STYLE 13L

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE13501	1/8"	5-1/2"	2-1/2"	8"
SE13502	5/32"	5-1/2"	2-1/2"	8"
SE13503	3/16"	5-1/2"	2-1/2"	8"
SE13504	7/32"	5-1/2"	2-1/2"	8"
SE13505	1/4"	5-1/2"	2-1/2"	8"
SE13506	9/32"	5-1/2"	2-1/2"	8"
SE13507	5/16"	5-1/2"	2-1/2"	8"
SE13508	11/32"	5-1/2"	2-1/2"	8"
SE13509	3/8"	5-1/2"	2-1/2"	8"
SE13511	7/16"	5-1/2"	2-1/2"	8"
SE13513	1/2"	5-1/2"	2-1/2"	8"
SE13601	1/8"	7-1/2"	2-1/2"	10"
SE13603	3/16"	7-1/2"	2-1/2"	10"
SE13605	1/4"	7-1/2"	2-1/2"	10"
SE13607	5/16"	7-1/2"	2-1/2"	10"
SE13609	3/8"	7-1/2"	2-1/2"	10"
SE13611	7/16"	7-1/2"	2-1/2"	10"
SE13613	1/2"	7-1/2"	2-1/2"	10"
SE13701	1/8"	9"	3"	12"
SE13702	5/32"	9"	3"	12"
SE13703	3/16"	9"	3"	12"
SE13704	7/32"	9"	3"	12"
SE13705	1/4"	9"	3"	12"
SE13706	9/32"	9"	3"	12"
SE13707	5/16"	9"	3"	12"
SE13709	3/8"	9"	3"	12"
SE13711	7/16"	9"	3"	12"
SE13713	1/2"	9"	3"	12"
SE13905	1/4"	11"	4"	15"
SE13907	5/16"	11"	4"	15"
SE13909	3/8"	11"	4"	15"
SE13911	7/16"	11"	4"	15"
SE13913	1/2"	11"	4"	15"
SE13805	1/4"	14"	4"	18"
SE13807	5/16"	14"	4"	18"
SE13809	3/8"	14"	4"	18"
SE13811	7/16"	14"	4"	18"
SE13813	1/2"	14"	4"	18"

Other sizes available.



BRADPOINT DRILL, STYLE 13S

Designed for use in Ritter R-26 and R-38 Boring Heads.

Shank is 1/4" in diameter, 1" long, and features one flat.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE13201L	5mm	1-1/2"	2-1/2"	left
SE13201R	5mm	1-1/2"	2-1/2"	right
SE13202L	1/4"	1-1/2"	2-1/2"	left
SE13202R	1/4"	1-1/2"	2-1/2"	right



Style 13S

CARBIDE-TIPPED BRAD-POINT DRILL, STYLE 13CT

Designed for use in Ritter R-26 and R-38 Boring Heads.

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Shank is 1/4" in diameter, 1" long, and features one flat.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE13301L	5mm	1-1/2"	2-1/2"	left
SE13301R	5mm	1-1/2"	2-1/2"	right
SE13302L	1/4"	1-1/2"	2-1/2"	left
SE13302R	1/4"	1-1/2"	2-1/2"	right



Style 13CT

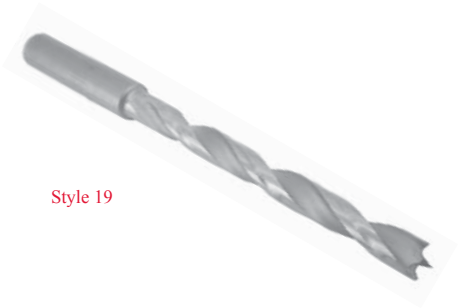
Drills

BRAD-POINT DRILL, STYLE NO. 19

Right-hand rotation.

Made from carbon steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE19001	1/8"	3"	1/2"	5"
SE19002	5/32"	3"	1/2"	5"
SE19003	3/16"	3"	1/2"	5"
SE19004	7/32"	3"	1/2"	5"
SE19005	1/4"	3"	1/2"	5"
SE19009	5/16"	3"	1/2"	5"
SE19012	3/8"	3"	1/2"	5"
SE19015	7/16"	3"	1/2"	5"
SE19016	29/64"	3"	1/2"	5"
SE19018	1/2"	3"	1/2"	5"
SE19022	5/8"	3"	1/2"	5"
SE19025	3/4"	3"	1/2"	5"
SE19027	7/8"	3"	1/2"	5"
SE19028	1"	3"	1/2"	5"
SE19029	1-1/8"	3"	1/2"	5"
SE19030	1-1/4"	3"	1/2"	5"



Style 19

CARBIDE-TIPPED BRAD POINT DRILL, STYLE NO. 19CT

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Right-hand rotation.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE19201	1/4"	3"	1/2"	5"
SE19202	9/32"	3"	1/2"	5"
SE19203	5/16"	3"	1/2"	5"
SE19204	3/8"	3"	1/2"	5"
SE19206	7/16"	3"	1/2"	5"
SE19207	1/2"	3"	1/2"	5"
SE19208	5/8"	3"	1/2"	5"
SE192084	11/16"	3"	1/2"	5"
SE19209	3/4"	3"	1/2"	5"
SE192091	7/8"	3"	1/2"	5"
SE1920914	15/16"	3"	1/2"	5"
SE19210	1"	3"	1/2"	5"

Other sizes available, call for pricing.

CARBIDE-TIPPED BRAD POINT DRILL, STYLE NO. 19CT METRIC

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Right-hand rotation.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE1920301	8mm	3"	1/2"	5"
SE192051	10mm	3"	1/2"	5"
SE192064	12mm	3"	1/2"	5"
SE1920713	13mm	3"	1/2"	5"



Style 19CT



Style 19CT Metric

Drills

BRAD-POINT DRILL, STYLE NO. 19HS

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank Diameter
SE19100	1/8"	3"	5"	1/2"
SE191002	5/32"	3"	5"	1/2"
SE19101	3/16"	3"	5"	1/2"
SE19102	7/32"	3"	5"	1/2"
SE19103	1/4"	3"	5"	1/2"
SE19104	9/32"	3"	5"	1/2"
SE191041	19/64"	3"	5"	1/2"
SE19105	5/16"	3"	5"	1/2"
SE191051	21/64"	3"	5"	1/2"
SE19106	11/32"	3"	5"	1/2"
SE19107	3/8"	3"	5"	1/2"
SE19108	25/64"	3"	5"	1/2"
SE19109	13/32"	3"	5"	1/2"
SE19110	7/16"	3"	5"	1/2"
SE19111	15/32"	3"	5"	1/2"
SE19112	1/2"	3"	5"	1/2"
SE191121	33/64"	3"	5"	1/2"
SE191122	17/32"	3"	5"	1/2"
SE19113	9/16"	3"	5"	1/2"
SE19114	5/8"	3"	5"	1/2"
SE1911441	11/16"	3"	5"	1/2"
SE19115	3/4"	3"	5"	1/2"
SE191154	13/16"	3"	5"	1/2"
SE191158	7/8"	3"	5"	1/2"
SE191159	15/16"	3"	5"	1/2"
SE19116	1"	3"	5"	1/2"
SE191160	1-1/8"	3"	5"	1/2"
SE191161	1-1/4"	3"	5"	1/2"

Other sizes available, call for pricing.



Style 19HS

BRAD-POINT DRILL, STYLE NO. 19HS METRIC

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank Diameter
SE191010	5mm	3"	5"	1/2"
SE191020	6mm	3"	5"	1/2"
SE191030	7mm	3"	5"	1/2"
SE191050	8mm	3"	5"	1/2"
SE191060	9mm	3"	5"	1/2"
SE191080	10mm	3"	5"	1/2"
SE1911101	12mm	3"	5"	1/2"
SE191130	15mm	3"	5"	1/2"



Style 19HS Metric

Drills

BRAD-POINT DRILL, STYLE NO. 19HSL

Left-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Shank Diameter	Cutting Length	Overall Length
SE19101L	3/16"	1/2"	3"	5"
SE19103L	1/4"	1/2"	3"	5"
SE19105L	5/16"	1/2"	3"	5"
SE19107L	3/8"	1/2"	3"	5"
SE19110L	7/16"	1/2"	3"	5"
SE19112L	1/2"	1/2"	3"	5"



Style 19HSL

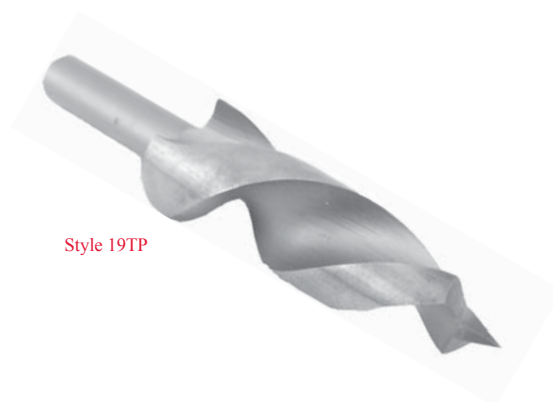
TAPERED BRUSH-BLOCK DRILL, STYLE NO. 19TP

Designed for boring brush-blocks.

Bores right-hand with a left-hand twist to reduce chatter.

High-speed steel 1/2" x 2" shank.

Part Number	Larger Taper Diameter	Small Taper Diameter	Flute Length	Overall Length
SE19995	1-1/8"	11/16"	3"	5"



Style 19TP

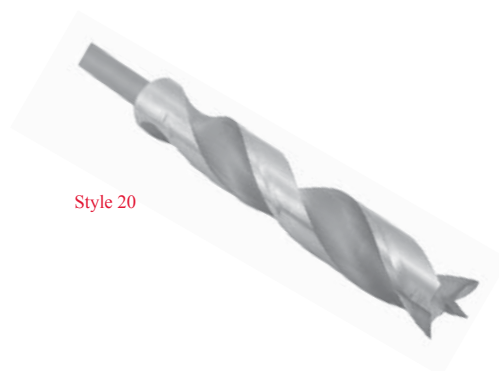
BRAD-POINT DRILL, STYLE NO. 20

Right-hand rotation.

Made from carbon tool steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20002	5/23"	4"	1/2"	6"
SE20003	3/16"	4"	1/2"	6"
SE20006	1/4"	4"	1/2"	6"
SE20007	17/64"	4"	1/2"	6"
SE20010	5/16"	4"	1/2"	6"
SE20013	3/8"	4"	1/2"	6"
SE20016	7/16"	4"	1/2"	6"
SE20019	1/2"	4"	1/2"	6"
SE20021	17/32"	4"	1/2"	6"
SE20022	9/16"	4"	1/2"	6"
SE20024	5/8"	4"	1/2"	6"
SE20025	21/32"	4"	1/2"	6"
SE20026	11/16"	4"	1/2"	6"
SE20028	3/4"	4"	1/2"	6"
SE20032	7/8"	4"	1/2"	6"
SE20036	1"	4"	1/2"	6"
SE20037	1-1/32"	4"	1/2"	6"
SE20038	1-1/16"	4"	1/2"	6"
SE20039	1-1/8"	4"	1/2"	6"
SE20040	1-1/8"	4"	1/2"	6"
SE20041	1-1/4"	4"	1/2"	6"
SE20042	1-5/16"	4"	1/2"	6"
SE20043	1-3/8"	4"	1/2"	6"
SE20044	1-1/2"	4"	1/2"	6"

Other sizes available, call for pricing.



Style 20

Drills

BRAD-POINT DRILL, STYLE NO. 20BHS

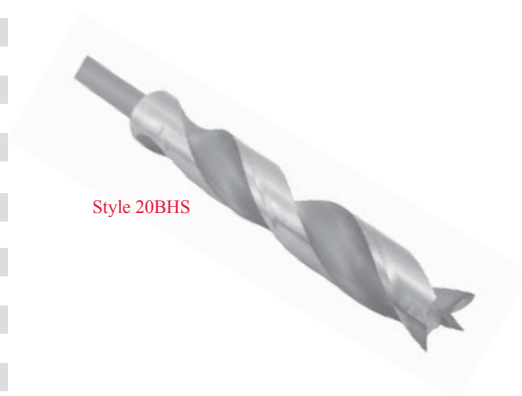
Made from high-speed steel.

Shank length 1 1/2".

Right-hand rotation.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank Diameter
SE20305HS	7/32"	4"	5-1/2"	3/8"
SE203050HS	1/4"	4"	5-1/2"	3/8"
SE203051HS	9/32"	4"	5-1/2"	3/8"
SE203052HS	5/16"	4"	5-1/2"	3/8"
SE203053HS	11/32"	4"	5-1/2"	3/8"
SE20307HS	3/8"	4"	5-1/2"	3/8"
SE203081HS	10mm	4"	5-1/2"	3/8"
SE20308HS	25/64"	4"	5-1/2"	3/8"
SE20309HS	13/32"	4"	5-1/2"	3/8"
SE20310HS	7/16"	4"	5-1/2"	3/8"
SE20311HS	15/32"	4"	5-1/2"	3/8"
SE20312HS	1/2"	4"	5-1/2"	3/8"
SE203122HS	13mm	4"	5-1/2"	3/8"
SE20313HS	17/32"	4"	5-1/2"	3/8"
SE20314HS	9/16"	4"	5-1/2"	3/8"
SE20315HS	5/8"	4"	5-1/2"	3/8"
SE20316HS	11/16"	4"	5-1/2"	3/8"
SE20317HS	3/4"	4"	5-1/2"	3/8"
SE20318HS	13/16"	4"	5-1/2"	3/8"
SE20319HS	7/8"	4"	5-1/2"	3/8"
SE20320HS	15/16"	4"	5-1/2"	3/8"
SE20321HS	1"	4"	5-1/2"	3/8"

Other sizes available, call for pricing.



CARBIDE-TIPPED BRAD-POINT DRILL, STYLE NO. 20BCT

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Right-hand rotation.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20307CT	3/8"	4"	3/8"	5-1/2"
SE20308CT	25/64"	4"	3/8"	5-1/2"
SE20310CT	7/16"	4"	3/8"	5-1/2"
SE20312CT	1/2"	4"	3/8"	5-1/2"
SE20314CT	9/16"	4"	3/8"	5-1/2"
SE20315CT	5/8"	4"	3/8"	5-1/2"
SE20317CT	3/4"	4"	3/8"	5-1/2"



Drills

CARBIDE-TIPPED BRAD-POINT DRILL, STYLE NO. 20CT

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Right-hand rotation.

Part Number	Cutting Diameter	Flute Length	Shank Dimensions	Overall Length
SE20701	1/4"	4"	1/2" x 2"	6"
SE20703	5/16"	4"	1/2" x 2"	6"
SE20704	3/8"	4"	1/2" x 2"	6"
SE20706	7/16"	4"	1/2" x 2"	6"
SE20707	1/2"	4"	1/2" x 2"	6"
SE20708	5/8"	4"	1/2" x 2"	6"
SE20709	3/4"	4"	1/2" x 2"	6"
SE207098	7/8"	4"	1/2" x 2"	6"
SE20710	1"	4"	1/2" x 2"	6"
SE2070912	15/16"	4"	1/2" x 2"	6"



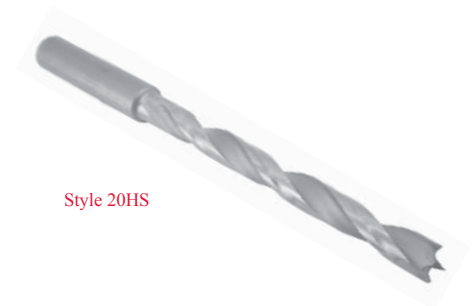
Style 20CT

BRAD-POINT DRILL, STYLE NO. 20HS

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20100	1/8"	4"	1/2"	6"
SE201002	5/32"	4"	1/2"	6"
SE20101	3/16"	4"	1/2"	6"
SE201011	13/64"	4"	1/2"	6"
SE20102	7/32"	4"	1/2"	6"
SE20103	1/4"	4"	1/2"	6"
SE201031	17/64"	4"	1/2"	6"
SE20104	9/32"	4"	1/2"	6"
SE20105	5/16"	4"	1/2"	6"
SE201050	21/64"	4"	1/2"	6"
SE20106	11/32"	4"	1/2"	6"
SE20107	3/8"	4"	1/2"	6"
SE20108	25/64"	4"	1/2"	6"
SE20109	13/32"	4"	1/2"	6"
SE20110	7/16"	4"	1/2"	6"
SE201101	29/64"	4"	1/2"	6"
SE20111	15/32"	4"	1/2"	6"
SE20112	1/2"	4"	1/2"	6"
SE201121	33/64"	4"	1/2"	6"
SE20113	17/32"	4"	1/2"	6"
SE20114	9/16"	4"	1/2"	6"
SE201142	19/32"	4"	1/2"	6"
SE20115	5/8"	4"	1/2"	6"
SE201152	21/32"	4"	1/2"	6"
SE20116	11/16"	4"	1/2"	6"
SE201162	23/32"	4"	1/2"	6"
SE20117	3/4"	4"	1/2"	6"
SE201172	25/32"	4"	1/2"	6"
SE20118	13/16"	4"	1/2"	6"
SE201183	27/32"	4"	1/2"	6"
SE20119	7/8"	4"	1/2"	6"
SE201192	29/32"	4"	1/2"	6"
SE20120	15/16"	4"	1/2"	6"
SE201202	31/32"	4"	1/2"	6"



Style 20HS

Drills

BRAD-POINT DRILL, STYLE NO. 20HS

– CONTINUED

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20121	1"	4"	1/2"	6"
SE201221	1 1/32"	4"	1/2"	6"
SE20122	1 1/16"	4"	1/2"	6"
SE20123	1 1/8"	4"	1/2"	6"
SE20124	1 1/4"	4"	1/2"	6"
SE20125	1 5/16"	4"	1/2"	6"
SE20126	1 3/8"	4"	1/2"	6"
SE20128	1 1/2"	4"	1/2"	6"



Style 20HS

BRAD-POINT DRILL, STYLE NO. 20HS

METRIC

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE201022	6mm	4"	1/2"	6"
SE201051	8mm	4"	1/2"	6"
SE201081	10mm	4"	1/2"	6"
SE201111	12mm	4"	1/2"	6"
SE201122	13mm	4"	1/2"	6"



Style 20HS Metric

BRAD-POINT DRILL, STYLE NO. 20HSLH

Left-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20201HS	3/8"	4"	1/2"	6"
SE20202HS	7/16"	4"	1/2"	6"
SE20203HS	1/2"	4"	1/2"	6"



Style 20HSLH

Drills

CARBIDE-TIPPED BRAD-POINT DRILL, STYLE NO. 20-6CT

Recommended for use in any wood product containing glue, or long production runs in hardwood. Performs well in many plastics, as well as in several composite materials, including fiberglass.

Right-hand rotation.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20601CT	1/4"	6"	1/2"	8"
SE20602CT	5/16"	6"	1/2"	8"
SE20604CT	3/8"	6"	1/2"	8"
SE20606CT	7/16"	6"	1/2"	8"
SE20607CT	1/2"	6"	1/2"	8"
SE20609CT	5/8"	6"	1/2"	8"
SE20611CT	3/4"	6"	1/2"	8"
SE20613CT	7/8"	6"	1/2"	8"
SE20615CT	1"	6"	1/2"	8"

Other sizes available, call for pricing.



BRAD-POINT DRILL, STYLE NO. 20-6

Right-hand rotation.

Made from carbon tool steel.

Part Number	Cutting Diameter	Overall Length	Cutting Length	Shank Diameter
SE20601	1/4"	8"	6"	1/2"
SE20602	5/16"	8"	6"	1/2"
SE20603	11/32"	8"	6"	1/2"
SE20604	3/8"	8"	6"	1/2"
SE20605	13/32"	8"	6"	1/2"
SE20606	7/16"	8"	6"	1/2"
SE20607	1/2"	8"	6"	1/2"
SE20608	9/16"	8"	6"	1/2"
SE20609	5/8"	8"	6"	1/2"
SE20610	11/16"	8"	6"	1/2"
SE20611	3/4"	8"	6"	1/2"
SE20612	13/16"	8"	6"	1/2"
SE20613	7/8"	8"	6"	1/2"
SE20614	15/16"	8"	6"	1/2"
SE20615	1"	8"	6"	1/2"
SE20616	1-1/16"	8"	6"	1/2"
SE20617	1-1/8"	8"	6"	1/2"
SE20618	1-1/4"	8"	6"	1/2"

Other sizes available, call for pricing.



Drills

BRAD-POINT DRILL, STYLE NO. 20-6HS

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20601HS	1/4"	6"	1/2"	8"
SE20602HS	5/16"	6"	1/2"	8"
SE20604HS	3/8"	6"	1/2"	8"
SE20605HS	13/32"	6"	1/2"	8"
SE20606HS	7/16"	6"	1/2"	8"
SE20607HS	1/2"	6"	1/2"	8"
SE20608HS	9/16"	6"	1/2"	8"
SE20609HS	5/8"	6"	1/2"	8"
SE20610HS	11/16"	6"	1/2"	8"
SE20611HS	3/4"	6"	1/2"	8"
SE20612HS	13/16"	6"	1/2"	8"
SE20613HS	7/8"	6"	1/2"	8"
SE20614HS	15/16"	6"	1/2"	8"
SE20615HS	1"	6"	1/2"	8"
SE20616HS	1-1/16"	6"	1/2"	8"
SE20617HS	1-1/8"	6"	1/2"	8"
SE20618HS	1-1/4"	6"	1/2"	8"

Other sizes available, call for pricing.



Custom Drills

Special sizes are not subject to return or cancellation, and are considered complete with 20% over or under quantity ordered.

The following information is needed to quote special drills:

1. Quantity _____
2. Cutting Diameter _____
3. Twist or Cutting Length _____
- 4 Shank Diameter & Length _____
5. Overall Length _____
6. Material (Carbide, High-Speed Steel or Carbon Steel) _____
7. Point Style (Brad, V-Point or other) _____
8. Rotation _____

Please sketch other point style,

FAX: 866-945-9433

Drills

GENERAL PURPOSE DRILL, JOBBER LENGTH, STYLE NO. 29 • 118° POINT

Right-hand rotation.

Made from high-speed steel.

Made in USA.

Part Number	Cutting Diameter	Overall Length	Flute Length	Shank Length
SE29001	1/64"	3/4"	3/16"	9/16"
SE29002	1/32"	1-3/8"	1/2"	7/8"
SE29003	3/64"	1-3/4"	3/4"	1"
SE29004	1/16"	1-7/8"	7/8"	1"
SE29005	5/64"	2"	1"	1"
SE29006	3/32"	2-1/4"	1-1/4"	1"
SE29007	7/64"	2-5/8"	1-1/2"	1-1/8"
SE29008	1/8"	2-3/4"	1-5/8"	1-1/8"
SE29009	9/64"	2-7/8"	1-3/4"	1-1/8"
SE29010	5/32"	3-1/8"	2"	1-1/8"
SE29011	11/64"	3-1/4"	2-1/8"	1-1/8"
SE29012	3/16"	3-1/2"	2-5/16"	1-3/16"
SE29013	13/64"	3-5/8"	2-7/16"	1-3/16"
SE29014	7/32"	3-3/4"	2-1/2"	1-1/4"
SE29015	15/64"	3-7/8"	2-5/8"	1-1/4"
SE29016	1/4"	4"	2-3/4"	1-1/4"
SE29017	17/64"	4-1/8"	2-7/8"	1-1/4"
SE29018	9/32"	4-1/4"	2-15/16"	1-5/16"
SE29019	19/64"	4-3/8"	3-1/16"	1-5/16"
SE29020	5/16"	4-1/2"	3-3/16"	1-5/16"
SE29021	21/64"	4-5/8"	3-5/16"	1-5/16"
SE29022	11/32"	4-3/4"	3-7/16"	1-5/16"
SE29023	23/64"	4-7/8"	3-1/2"	1-3/8"
SE29024	3/8"	5"	3-5/8"	1-3/8"
SE29025	25/64"	5-1/8"	3-3/4"	1-3/8"
SE29026	13/32"	5-1/4"	3-7/8"	1-3/8"
SE29027	27/64"	5-3/8"	3-15/16"	1-7/16"
SE29028	7/16"	5-1/2"	4-1/16"	1-7/16"
SE29029	29/64"	5-5/8"	4-3/16"	1-7/16"
SE29030	15/32"	5-3/4"	4-5/16"	1-7/16"
SE29031	31/64"	5-7/8"	4-3/8"	1-1/2"
SE29032	1/2"	6"	4-1/2"	1-1/2"



Style 29

GENERAL PURPOSE DRILL, JOBBER LENGTH, STYLE NO. 29LH • 118° POINT

Left-hand rotation.

Made from high-speed steel.

Made in USA.

Part Number	Cutting Diameter	Overall Length	Flute Length	Shank Length
SE29002L	1/32"	1-3/8"	1/2"	7/8"
SE29003L	3/64"	1-3/4"	3/4"	1"
SE29004L	1/16"	1-7/8"	7/8"	1"
SE29005L	5/64"	2"	1"	1"
SE29006L	3/32"	2-1/4"	1-1/4"	1"
SE29007L	7/64"	2-5/8"	1-1/2"	1-1/8"

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Style 29LH

Drills

GENERAL PURPOSE DRILL, JOBBER LENGTH, STYLE NO. 29LH • 118° POINT – CONTINUED

Left-hand rotation.

Made from high-speed steel.

Made in USA.

Part Number	Cutting Diameter	Overall Length	Flute Length	Shank Length
SE29008L	1/8"	2-3/4"	1-5/8"	1-1/8"
SE29009L	9/64"	2-7/8"	1-3/4"	1-1/8"
SE29010L	5/32"	3-1/8"	2"	1-1/8"
SE29011L	11/64"	3-1/4"	2-1/8"	1-1/8"
SE29012L	3/16"	3-1/2"	2-5/16"	1-3/16"
SE29013L	13/64"	3-5/8"	2-7/16"	1-3/16"
SE29014L	7/32"	3-3/4"	2-1/2"	1-1/4"
SE29015L	15/64"	3-7/8"	2-5/8"	1-1/4"
SE29016L	1/4"	4"	2-3/4"	1-1/4"
SE29017L	17/64"	4-1/8"	2-7/8"	1-1/4"
SE29018L	9/32"	4-1/4"	2-15/16"	1-5/16"
SE29019L	19/64"	4-3/8"	3-1/16"	1-5/16"
SE29020L	5/16"	4-1/2"	3-3/16"	1-5/16"
SE29021L	21/64"	4-5/8"	3-5/16"	1-5/16"
SE29022L	11/32"	4-3/4"	3-7/16"	1-5/16"
SE29023L	23/64"	4-7/8"	3-1/2"	1-3/8"
SE29024L	3/8"	5"	3-5/8"	1-3/8"
SE29025L	25/64"	5-1/8"	3-3/4"	1-3/8"
SE29026L	13/32"	5-1/4"	3-7/8"	1-3/8"
SE29027L	27/64"	5-3/8"	3-15/16"	1-7/16"
SE29028L	7/16"	5-1/2"	4-1/16"	1-7/16"
SE29029L	29/64"	5-5/8"	4-3/16"	1-7/16"
SE29030L	15/32"	5-3/4"	4-5/16"	1-7/16"
SE29031L	31/64"	5-7/8"	4-3/8"	1-1/2"
SE29032L	1/2"	6"	4-1/2"	1-1/2"



Style 29LH

GENERAL PURPOSE DRILL, JOBBER LENGTH, METRIC. STYLE NO. 29M

Right-hand rotation.

Made from high-speed steel.

Made in USA.

Part Number	Cutting Diameter	Overall Length	Flute Length	Shank Length
SE295005	0.5mm	22mm	6mm	16mm
SE29501	1mm	34mm	12mm	22mm
SE295015	1.5mm	40mm	18mm	22mm
SE29502	2mm	49mm	24mm	25mm
SE295026	2.5mm	57mm	30mm	27mm
SE29503	3mm	61mm	33mm	28mm
SE295036	3.5mm	70mm	39mm	31mm
SE29504	4mm	75mm	43mm	32mm
SE295045	4.5mm	80mm	47mm	33mm
SE29505	5mm	86mm	52mm	34mm
SE295055	5.5mm	93mm	57mm	36mm
SE29506	6mm	93mm	57mm	36mm
SE295065	6.5mm	101mm	63mm	38mm
SE29507	7mm	109mm	69mm	40mm
SE295075	7.5mm	109mm	69mm	40mm
SE29508	8mm	117mm	75mm	42mm



Style 29M

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Drills

GENERAL PURPOSE DRILL, JOBBER LENGTH, METRIC. STYLE NO. 29M – CONTINUED

Right-hand rotation.

Made from high-speed steel.

Made in USA.

Part Number	Cutting Diameter	Overall Length	Flute Length	Shank Length
SE295085	8.5mm	117mm	75mm	42mm
SE29509	9mm	125mm	81mm	44mm
SE295095	9.5mm	125mm	81mm	44mm
SE29510	10mm	133mm	87mm	46mm
SE295105	10.5mm	133mm	87mm	46mm
SE29511	11mm	142mm	94mm	48mm
SE295115	11.5mm	142mm	94mm	48mm
SE29512	12mm	151mm	101mm	50mm
SE295125	12.5mm	151mm	101mm	50mm
SE29513	13mm	151mm	101mm	50mm



GENERAL PURPOSE DRILL SETS, JOBBER LENGTH

Made from high-speed steel.

Made in USA.

Complete with folding metal case.

Fractional Sizes

Part Number	Drills Per Set	Size Range	Size Increments
SEJS13M	13	1/16" to 1/4"	by 64ths
SEJS15M	15	1/16" to 1/2"	by 32nds
SEJS21M	21	1/16" to 3/8"	by 64ths
SEJS29M	29	1/16" to 1/2"	by 64ths

Metric Sizes

Part Number	Drills Per Set	Size Range	Size Increments
SEJS25MET	25	1mm - 13mm	by 0.5mm
SEJS49MET	41	6mm - 10mm	by 0.1mm



Drills

GENERAL PURPOSE DRILL, SHORT LENGTH, STYLE NO. 29S

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank Length
SE29101	1/8"	7/8"	1-7/8"	1"
SE29102	9/64"	15/16"	1-15/16"	1"
SE29103	5/32"	1"	2-1/16"	1-1/16"
SE29104	11/64"	1-1/16"	2-1/8"	1-1/16"
SE29105	3/16"	1-1/8"	2-3/16"	1-1/16"
SE29106	13/64"	1-3/16"	2-1/4"	1-1/16"
SE29107	7/32"	1-1/4"	2-3/8"	1-1/8"
SE29108	15/64"	1-5/16"	2-7/16"	1-1/8"
SE29109	1/4"	1-3/8"	2-1/2"	1-1/8"
SE29110	17/64"	1-7/16"	2-5/8"	1-3/16"
SE29111	9/32"	1-1/2"	2-11/16"	1-3/16"
SE29112	19/64"	1-9/16"	2-3/4"	1-3/16"
SE29113	5/16"	1-5/8"	2-13/16"	1-3/16"
SE29114	21/64"	1-11/16"	2-15/16"	1-1/4"
SE29115	11/32"	1-11/16"	3"	1-5/16"
SE29116	23/64"	1-3/4"	3-1/16"	1-5/16"
SE29117	3/8"	1-13/16"	3-1/8"	1-5/16"
SE29118	25/64"	1-7/8"	3-1/4"	1-3/8"
SE29119	13/32"	1-15/16"	3-5/16"	1-3/8"
SE29120	27/64"	2"	3-3/8"	1-3/8"
SE29121	7/16"	2-1/16"	3-7/16"	1-3/8"
SE29122	29/64"	2-1/8"	3-9/16"	1-7/16"
SE29123	15/32"	2-1/8"	3-5/8"	1-1/2"
SE29124	31/64"	2-3/16"	3-11/16"	1-1/2"
SE29125	1/2"	2-1/4"	3-3/4"	1-1/2"
SE29133	5/8"	2-3/4"	4-1/4"	1-1/2"



Style 29S

GENERAL PURPOSE DRILL, SHORT LENGTH, STYLE NO. 29SLH

Left-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank Length
SE29101L	1/8"	7/8"	1-7/8"	1"
SE29102L	9/64"	15/16"	1-15/16"	1"
SE29103L	5/32"	1"	2-1/16"	1-1/16"
SE29104L	11/64"	1-1/16"	2-1/8"	1-1/16"
SE29105L	3/16"	1-1/8"	2-3/16"	1-1/16"
SE29106L	13/64"	1-3/16"	2-1/4"	1-1/16"
SE29107L	7/32"	1-1/4"	2-3/8"	1-1/8"
SE29108L	15/64"	1-5/16"	2-7/16"	1-1/8"
SE29109L	1/4"	1-3/8"	2-1/2"	1-1/8"
SE29110L	17/64"	1-7/16"	2-5/8"	1-3/16"
SE29111L	9/32"	1-1/2"	2-11/16"	1-3/16"
SE29112L	19/64"	1-9/16"	2-3/4"	1-3/16"
SE29113L	5/16"	1-5/8"	2-13/16"	1-3/16"
SE29114L	21/64"	1-11/16"	2-15/16"	1-1/4"
SE29115L	11/32"	1-11/16"	3"	1-5/16"
SE29116L	23/64"	1-3/4"	3-1/16"	1-5/16"
SE29117L	3/8"	1-13/16"	3-1/8"	1-5/16"
SE29118L	25/64"	1-7/8"	3-1/4"	1-3/8"
SE29119L	13/32"	1-15/16"	3-5/16"	1-3/8"
SE29120L	27/64"	2"	3-3/8"	1-3/8"
SE29121L	7/16"	2-1/16"	3-7/16"	1-3/8"
SE29122L	29/64"	2-1/8"	3-9/16"	1-7/16"
SE29123L	15/32"	2-1/8"	3-5/8"	1-1/2"
SE29124L	31/64"	2-3/16"	3-11/16"	1-1/2"
SE29125L	1/2"	2-1/4"	3-3/4"	1-1/2"



Style 29SLH

Drills

GENERAL PURPOSE DRILL, LONG LENGTH, STYLE NO. 29T

Right-hand rotation. Made from high-speed steel. Made in USA.

Part Number	Cutting Diameter	Flute Length	Shank Length	Overall Length
SE29201	1/8"	2-3/4"	2-3/8"	5-1/8"
SE29202	9/64"	3"	2-3/8"	5-3/8"
SE29203	5/32"	3"	2-3/8"	5-3/8"
SE29204	11/64"	3-3/8"	2-3/8"	5-3/4"
SE29205	3/16"	3-3/8"	2-3/8"	5-3/4"
SE29206	13/64"	3-5/8"	2-3/8"	6"
SE29207	7/32"	3-5/8"	2-3/8"	6"
SE29208	15/64"	3-3/4"	2-3/8"	6-1/8"
SE29209	1/4"	3-3/4"	2-3/8"	6-1/8"
SE29210	17/64"	3-7/8"	2-3/8"	6-1/4"
SE29211	9/32"	3-7/8"	2-3/8"	6-1/4"
SE29212	19/64"	4"	2-3/8"	6-3/8"
SE29213	5/16"	4"	2-3/8"	6-3/8"
SE29214	21/64"	4-1/8"	2-3/8"	6-1/2"
SE29215	11/32"	4-1/8"	2-3/8"	6-1/2"
SE29216	23/64"	4-1/4"	2-1/2"	6-3/4"
SE29217	3/8"	4-1/4"	2-1/2"	6-3/4"
SE29218	25/64"	4-3/8"	2-5/8"	7"
SE29219	13/32"	4-3/8"	2-5/8"	7"
SE29220	27/64"	4-5/8"	2-5/8"	7-1/4"
SE29221	7/16"	4-5/8"	2-5/8"	7-1/4"
SE29222	29/64"	4-3/4"	2-3/4"	7-1/2"
SE29223	15/32"	4-3/4"	2-3/4"	7-1/2"
SE29224	31/64"	4-3/4"	3"	7-3/4"
SE29225	1/2"	4-3/4"	3"	7-3/4"

Style 29T



GENERAL PURPOSE DRILL, LONG LENGTH, FAST SPIRAL, STYLE NO. 29TF

Right-hand rotation. Made from high-speed steel. Made in USA.

Part Number	Cutting Diameter	Flute Length	Shank Length	Overall Length
SE29201F	1/8"	2-3/4"	2-3/8"	5-1/8"
SE29202F	9/64"	3"	2-3/8"	5-3/8"
SE29203F	5/32"	3"	2-3/8"	5-3/8"
SE29204F	11/64"	3-3/8"	2-3/8"	5-3/4"
SE29205F	3/16"	3-3/8"	2-3/8"	5-3/4"
SE29206F	13/64"	3-5/8"	2-3/8"	6"
SE29207F	7/32"	3-5/8"	2-3/8"	6"
SE29208F	15/64"	3-3/4"	2-3/8"	6-1/8"
SE29209F	1/4"	3-3/4"	2-3/8"	6-1/8"
SE29210F	17/64"	3-7/8"	2-3/8"	6-1/4"
SE29211F	9/32"	3-7/8"	2-3/8"	6-1/4"
SE29212F	19/64"	4"	2-3/8"	6-3/8"
SE29213F	5/16"	4"	2-3/8"	6-3/8"
SE29214F	21/64"	4-1/8"	2-3/8"	6-1/2"
SE29215F	11/32"	4-1/8"	2-3/8"	6-1/2"
SE29216F	23/64"	4-1/4"	2-1/2"	6-3/4"
SE29217F	3/8"	4-1/4"	2-1/2"	6-3/4"
SE29218F	25/64"	4-3/8"	2-5/8"	7"
SE29219F	13/32"	4-3/8"	2-5/8"	7"
SE29220F	27/64"	4-5/8"	2-5/8"	7-1/4"
SE29221F	7/16"	4-5/8"	2-5/8"	7-1/4"
SE29222F	29/64"	4-3/4"	2-3/4"	7-1/2"
SE29223F	15/32"	4-3/4"	2-3/4"	7-1/2"
SE29224F	31/64"	4-3/4"	3"	7-3/4"
SE29225F	1/2"	4-3/4"	3"	7-3/4"

Style 29TF



Drills

TAPER-POINT DRILL, JOBBER LENGTH, STYLE NO. 29JTP

Designed for use with wood screws.

Made from high-speed steel. Made in USA.

Part Number	Cutting Diameter	Flute Length	Screw Size	Overall Length
SE30078	5/64"	1"	2	2"
SE30093	3/32"	1-1/4"	3	2-1/4"
SE30109	7/64"	1-1/2"	4	2-5/8"
SE30125	1/8"	1-5/8"	5	2-3/4"
SE30140	9/64"	1-3/4"	6	2-7/8"
SE30156	5/32"	2"	7	3-1/8"
SE30171	11/64"	2"	8	3-1/4"
SE30187	3/16"	2-5/16"	9	3-1/2"
SE30203	13/64"	2-7/16"	10	3-5/8"
SE30218	7/32"	2-1/2"	12	3-3/4"
SE30234	15/64"	2-5/8"	14	3-7/8"
SE30250	1/4"	2-3/4"	14	4"
SE30265	17/64"	2-7/8"	16	4-1/8"
SE30281	9/32"	2-15/16"	16	4-1/4"
SE30296	19/64"	3-1/16"	18	4-3/8"
SE30312	5/16"	3-3/16"	18-20	4-1/2"
SE30328	21/64"	3-5/16"	20	4-5/8"
SE30343	11/32"	3-7/16"	20	4-3/4"
SE30359	23/64"	3-1/2"	24	4-7/8"
SE30375	3/8"	3-5/8"	24	5"



TAPER-POINT DRILL, TAPER LENGTH, STYLE NO. 29TTP

Designed for use with wood screws.

Made from high-speed steel. Made in USA.

Part Number	Cutting Diameter	Flute Length	Screw Size	Overall Length
SE31078	5/64"	2-1/4"	2	3-3/4"
SE31093	3/32"	2-1/4"	3	4-1/4"
SE31109	7/64"	2-1/2"	4	4-5/8"
SE31125	1/8"	2-3/4"	5	5-1/8"
SE31140	9/64"	3"	6	5-3/8"
SE31156	5/32"	3"	7	5-3/8"
SE31171	11/64"	3-3/8"	8	5-3/4"
SE31187	3/16"	3-3/8"	9	5-3/4"
SE31203	13/64"	3-5/8"	10	6"
SE31218	7/32"	3-5/8"	12	6"
SE31234	15/64"	3-3/4"	14	6-1/8"
SE31250	1/4"	3-3/4"	14	6-1/8"
SE31265	17/64"	3-7/8"	16	6-1/4"
SE31281	9/32"	3-7/8"	16	6-1/4"
SE31296	19/64"	4"	18	6-3/8"
SE31312	5/16"	4"	18-20	6-3/8"
SE31328	21/64"	4-1/8"	20	6-1/2"
SE31343	11/32"	4-1/8"	20	6-1/2"
SE31359	23/64"	4-1/4"	24	6-3/4"
SE31375	3/8"	4-1/4"	24	6-3/4"



Drills

DRILL-POINT 1/2" SHANK DRILL, SILVER & DEMING® • HIGH-SPEED STEEL Designed for general purpose use.

Black-oxide surface treated.

Features a 118-degree point.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SESD516	33/64"	3"	1/2"	6"
SESD531	17/32"	3"	1/2"	6"
SESD547	35/64"	3"	1/2"	6"
SESD563	9/16"	3"	1/2"	6"
SESD578	37/64"	3"	1/2"	6"
SESD594	19/32"	3"	1/2"	6"
SESD609	39/64"	3"	1/2"	6"
SESD625	5/8"	3"	1/2"	6"
SESD641	41/64"	3"	1/2"	6"
SESD656	21/32"	3"	1/2"	6"
SESD672	43/64"	3"	1/2"	6"
SESD688	11/16"	3"	1/2"	6"
SESD703	45/64"	3"	1/2"	6"
SESD719	23/32"	3"	1/2"	6"
SESD734	47/64"	3"	1/2"	6"
SESD750	3/4"	3"	1/2"	6"
SESD766	49/64"	3"	1/2"	6"
SESD781	25/32"	3"	1/2"	6"
SESD797	51/64"	3"	1/2"	6"
SESD813	13/16"	3"	1/2"	6"
SESD828	53/64"	3"	1/2"	6"
SESD844	27/32"	3"	1/2"	6"
SESD859	55/64"	3"	1/2"	6"
SESD875	7/8"	3"	1/2"	6"
SESD891	57/64"	3"	1/2"	6"
SESD906	29/32"	3"	1/2"	6"
SESD922	59/64"	3"	1/2"	6"
SESD938	15/16"	3"	1/2"	6"
SESD953	61/64"	3"	1/2"	6"
SESD969	31/32"	3"	1/2"	6"
SESD984	63/64"	3"	1/2"	6"
SESD1000	1"	3"	1/2"	6"



Silver & Deming® Drill

Drills

SOLID-CENTER MACHINE AUGER BITS,

STYLE NO. 26A • CARBON TOOL STEEL

Designed for use in machines and power drills with chucks 1/2" or larger.

Single-flute design with double spurs and double cutters.

1/2" shank diameter.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE26115	5/16"	6"	2"	8"
SE26116	3/8"	6"	2"	8"
SE26117	7/16"	6"	2"	8"
SE26118	1/2"	6"	2"	8"
SE26119	9/16"	6"	2"	8"
SE26120	5/8"	6"	2"	8"
SE26121	11/16"	6"	2"	8"
SE26122	3/4"	6"	2"	8"
SE26123	13/16"	6"	2"	8"
SE26124	7/8"	6"	2"	8"
SE26126	1"	6"	2"	8"
SE26149	13/16"	10"	2"	12"
SE26155	3/8"	12"	2"	14"
SE26157	1/2"	12"	2"	14"
SE26159	5/8"	12"	2"	14"
SE26160	11/16"	12"	2"	14"
SE26161	3/4"	12"	2"	14"
SE26162	13/16"	12"	2"	14"
SE26163	7/8"	12"	2"	14"
SE26165	1"	12"	2"	14"



Style 26A Auger Bit

Drills

AUGER BITS, STYLE NO. 26F

Centerless ground, featuring a solid center design for added strength and a screw point for fast boring in all types of wood.

One flute, with single spur and single cutter.

Dual shank: hex portion may be removed from end when round shank is needed.

Carbon tool steel.

Made in France.

Part Number	Cutting Diameter	Overall Length	Corresponding Chuck Size
SEA250175	1/4"	7-1/2"	3/8" or larger
SEA250275	5/16"	7-1/2"	3/8" or larger
SEA250375	3/8"	7-1/2"	3/8" or larger
SEA250475	7/16"	7-1/2"	3/8" or larger
SEA250575	1/2"	7-1/2"	3/8" or larger
SEA250675	9/16"	7-1/2"	3/8" or larger
SEA250875	11/16"	7-1/2"	3/8" or larger
SEA251075	13/16"	7-1/2"	3/8" or larger
SEA251175	7/8"	7-1/2"	3/8" or larger
SEA251275	15/16"	7-1/2"	3/8" or larger
SEA251375	1"	7-1/2"	3/8" or larger
SEA251475	1-1/8"	7-1/2"	1/2" or larger
SEA251575	1-1/4"	7-1/2"	1/2" or larger
SEA251675	1-3/8"	7-1/2"	1/2" or larger
SEA251775	1-1/2"	7-1/2"	1/2" or larger
SEA250315	3/8"	15"	3/8" or larger
SEA250415	7/16"	15"	3/8" or larger
SEA250515	1/2"	15"	3/8" or larger
SEA250615	9/16"	15"	3/8" or larger
SEA250715	5/8"	15"	1/2" or larger
SEA250815	11/16"	15"	1/2" or larger
SEA250915	3/4"	15"	1/2" or larger
SEA251015	13/16"	15"	1/2" or larger
SEA251115	7/8"	15"	1/2" or larger
SEA251215	15/16"	15"	1/2" or larger
SEA251315	1"	15"	1/2" or larger
SEA251415	1-1/8"	15"	1/2" or larger
SEA251515	1-1/4"	15"	1/2" or larger
SEA251615	1-3/8"	15"	1/2" or larger
SEA251715	1-1/2"	15"	1/2" or larger



Drills

POWER POLE AUGER BIT

STYLE 26PP • CARBON TOOL STEEL

Designed for boring creosoted poles and construction timbers.

Hex shank is 7/16" in diameter; fits all 1/2" 3-jaw chucks.

Part Number	Cutting Diameter	Flute Length	Shank Length	Overall Length
SE2646809	9/16"	12"	5"	17"
SE2646810	5/8"	12"	5"	17"
SE2646811	11/16"	12"	5"	17"
SE2646812	3/4"	12"	5"	17"
SE2646813	13/16"	12"	5"	17"
SE2646909	9/16"	18"	5"	23"
SE2646910	5/8"	18"	5"	23"
SE2646911	11/16"	18"	5"	23"
SE2646912	3/4"	18"	5"	23"
SE2646913	13/16"	18"	5"	23"
SE2646914	7/8"	18"	5"	23"
SE2646915	15/16"	18"	5"	23"
SE2647009	9/16"	24"	5"	29"
SE2647010	5/8"	24"	5"	29"
SE2647011	11/16"	24"	5"	29"
SE2647012	3/4"	24"	5"	29"
SE2647013	13/16"	24"	5"	29"
SE2647014	7/8"	24"	5"	29"
SE2647015	15/16"	24"	5"	29"
SE2647016	1"	24"	5"	29"
SE2647017	1-1/16"	24"	5"	29"



Style 26PP Auger Bit

DRILL-POINT DRILL, STYLE 32HS

Great for plastics!

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE32001HS	1/8"	4"	1/2"	6"
SE32003HS	3/16"	4"	1/2"	6"
SE32004HS	7/32"	4"	1/2"	6"
SE32005HS	1/4"	4"	1/2"	6"
SE32006HS	9/32"	4"	1/2"	6"
SE32007HS	5/16"	4"	1/2"	6"
SE32008HS	11/32"	4"	1/2"	6"
SE32009HS	3/8"	4"	1/2"	6"
SE32011HS	7/16"	4"	1/2"	6"
SE32012HS	1/2"	4"	1/2"	6"



Style 32HS

Self Centering Drills

SELF CENTERING DRILL GUIDES (VIX BITS)

Designed to drill centered screw holes for cabinet and builders hardware.

Part Number	Drill Diameter	Screw Size	Shank Diameter	Overall Length
SE56401	5/64"	3 & 4	1/4"	3"
SE56401HX	5/64"	3 & 4	1/4" HEX	4"
SE76401	7/64"	5 & 6	1/4"	3-1/4"
SE76401HX	7/64"	5 & 6	1/4" HEX	4"
SE96401	9/64"	8, 9 & 10	1/4"	3-1/2"
SE96401HX	9/64"	8, 9 & 10	1/4" HEX	4"
SE116401	11/64"	12	3/8"	5"
SE116401HX	11/64"	12	1/4" HEX	4-1/2"
SE136401	13/64"	14	3/8"	4-1/2"
SE136401HX	13/64"	14	1/4" HEX	4-1/2"



VIX
Self-Centering
Drill Guides

REPLACEMENT DRILLS

Part Number	Drill Size	Replacement for stock numbers	Shank Diameter	Overall Length
SE56402	5/64"	SE56401, SE56401HX	5/64"	2-1/2"
SE76402	7/64"	SE76401, SE76401HX	7/64"	2-7/18"
SE96402	9/64"	SE96401, SE96401HX	9/64"	3-1/8"
SE116402	11/64"	SE116401, SE116401HX	11/64"	4-1/8"
SE136402	13/64"	SE136401, SE136401HX	13/64"	4-1/8"



SNAPPY
Hex Shaft
Self-Centering
Drill Guides

REPLACEMENT SPRINGS

Part Number	Spring Size	Replacement for stock numbers
SE56403	5/64"	SE56401, SE56401HX
SE76403	7/64"	SE76401, SE76401HX
SE96403	9/64"	SE96401, SE96401HX
SE116403	11/64"	SE116401, SE116401HX
SE136403	13/64"	SE136401, SE136401HX

REPLACEMENT GUIDES

Part Number	Guide Size	Replacement for stock numbers
SE56404	5/64"	SE56401, SE56401HX
SE76404	7/64"	SE76401, SE76401HX
SE96404	9/64"	SE96401, SE96401HX
SE116404	11/64"	SE116401, SE116401HX
SE136404	13/64"	SE136401, SE136401HX

Drills

DEPTH COLLARS & SETS

Designed for use with drills and counterbores.

Features collars with set screws which lock into the drill flute or bit surface.

Surface finish either zinc-plated, or black oxide to prevent rusting.

Made in USA.

Part Number	Hole Diameter	Outside Diameter	Width	Set-Screw Size
SESC-18	1/8"	3/8"	1/4"	#6-32
SESC-316	3/16"	3/8"	1/4"	#10-32
SESC-14	1/4"	1/2"	1/4"	#10-32
SESC-516	5/16"	5/8"	5/16"	#10-32
SESC-38	3/8"	3/4"	3/8"	1/4"-20
SESC-716	7/16"	7/8"	1/2"	1/4"-20
SESC-12	1/2"	1"	7/16"	1/4"-20
SESC-916	9/16"	1"	7/16"	1/4"-20
SESC-58	5/8"	1-1/8"	1/2"	1/4"-20
SESC-34	3/4"	1-1/4"	1/2"	5/16"-18
SESC-78	7/8"	1-3/8"	9/16"	5/16"-18
SESC-1	1"	1-1/2"	9/16"	5/16"-18

SESC-7Set Set of 7 collars as described above,
sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2".

SESC-4Set Set of 4 collars as described above,
sizes: 5/8", 3/4", 7/8" & 1".



Depth Collar

CHUCK, STYLE 1

For all types of machines where a 7/16"-14 threaded shank is needed.

Threaded shank 7/16"-14

Drill is held in place with a set screw.

Part Number	Hole Diameter	Outer Diameter	Overall Length	Rotational Direction
SE11125R	1/8"	5/8"	1-1/2"	right
SE11156R	5/32"	5/8"	1-1/2"	right
SE11187L	3/16"	5/8"	1-1/2"	left
SE11187R	3/16"	5/8"	1-1/2"	right
SE11218L	7/32"	5/8"	1-1/2"	left
SE11218R	7/32"	5/8"	1-1/2"	right
SE11250L	1/4"	5/8"	1-1/2"	left
SE11250R	1/4"	5/8"	1-1/2"	right
SE11281L	9/32"	5/8"	1-1/2"	left
SE11281R	9/32"	5/8"	1-1/2"	right
SE11312L	5/16"	7/8"	2-3/8"	left
SE11312R	5/16"	7/8"	2-3/8"	right
SE11375L	3/8"	7/8"	2-3/8"	left
SE11375R	3/8"	7/8"	2-3/8"	right
SE11393L	10mm	7/8"	2-3/8"	left
SE11393R	10mm	7/8"	2-3/8"	right
SE11437L	7/16"	7/8"	2-3/8"	left
SE11437R	7/16"	7/8"	2-3/8"	right
SE11500L	1/2"	7/8"	2-3/8"	left
SE11500R	1/2"	7/8"	2-3/8"	right



Chuck, Style 1

Drills

CARBIDE-TIPPED STRAIGHT DOOR LITE BITS

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SEDL12-5	1/2"	2-1/4"	1/2"	5"
SEDL12	1/2"	2-1/4"	1/2"	5-1/2"
*SEDL12-F	1/2"	2-1/4"	1/2"	5-1/2"

**With (1) Flat on shank.*



SEDL 12-5

HIGH-SPEED STEEL SPIRAL DOOR BITS

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	
SEDOOR-53	1/2"	2-1/2"	1/2"	5-1/2"	Uncoated
SEDOOR-53M	1/2"	2-1/2"	1/2"	5-1/2"	Ceramic Based Coating
SEDOOR-53T	1/2"	2-1/2"	1/2"	5-1/2"	Tin Coated
SEDOOR-57F	1/2"	2-1/2"	1/2"	5-1/2"	With Flat
SEDOOR-57FT	1/2"	2-1/2"	1/2"	5-1/2"	Tin Coated w/ Flat
SEDOOR-60	1/2"	2-1/2"	1/2"	5-1/2"	Uncoated
SEDOOR-60T	1/2"	2-1/2"	1/2"	5-1/2"	Tin Coated

Coated for Extended Wear

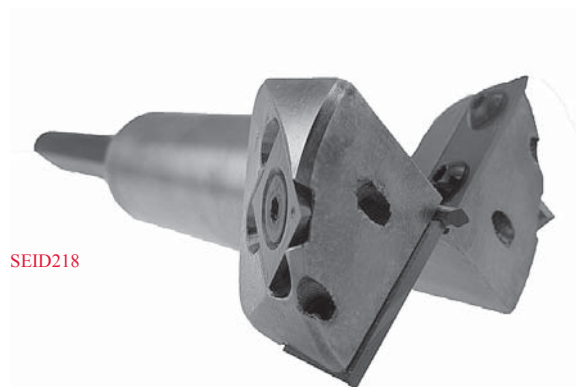


SEDOOR-53

CARBIDE INSERT DRILL BIT WITH 1 FLAT ON SHANK

Part Number	Cutting Diameter	Shank Diameter	Overall Length
SEID218	2-1/8"	1/2"	5-3/4"

Part Number	Description
SI-141420	14 x14 x20mm insert (Box of 10) for Spur
SI-251215-2	25 x 12 x1.5mm insert (Box of 10) for Plow
SEM5-SCREW	M5 Spur Screw
SEM35-SCREW	M35 Plow Screw
SEC-POINT	2-51HC Center Drill
SEC-SCREW	6mm x 12mm Set Screw



SEID218

Forstner Bits

Carbon steel.

Part Number	Cutting Diameter	Shank Diameter	Shank Length	Overall Length
SE55001	1/4"	5/16"	4-3/4"	5"
SE55002	5/16"	5/16"	4-3/4"	5"
SE55003	3/8"	3/8"	4-3/4"	5"
SE55004	7/16"	1/2"	4-3/4"	5"
SE55005	1/2"	1/2"	4-3/4"	5"
SE55006	9/16"	1/2"	4-3/4"	5"
SE55007	5/8"	1/2"	4-3/4"	5"
SE55008	11/16"	1/2"	4-3/4"	5"
SE55009	3/4"	1/2"	4-11/16"	5"
SE55010	13/16"	1/2"	4-11/16"	5"
SE55011	7/8"	1/2"	4-9/16"	5"
SE55012	15/16"	1/2"	4-9/16"	5"
SE55013	1"	1/2"	4-9/16"	5"
SE55014	1-1/16"	1/2"	4-9/16"	5"
SE55015	1-1/8"	1/2"	4-7/16"	5"
SE55016	1-3/16"	1/2"	4-7/16"	5"
SE55017	1-1/4"	1/2"	4-1/2"	5"
SE55018	1-5/16"	1/2"	4-1/2"	5"
SE55019	1-3/8"	1/2"	4-1/2"	5"
SE55020	1-7/16"	1/2"	6"	6-3/4"
SE55021	1-1/2"	1/2"	6"	6-3/4"
SE55022	1-5/8"	1/2"	6-1/8"	6-3/4"
SE55023	1-3/4"	1/2"	6-1/8"	6-3/4"
SE55024	1-7/8"	1/2"	6-1/8"	6-3/4"
SE55025	2"	1/2"	6-1/8"	6-3/4"
SE55026	2-1/8"	1/2"	6-1/8"	6-3/4"
SE55027	2-1/4"	1/2"	5-7/8"	6-3/4"
SE55028	2-3/8"	1/2"	5-7/8"	6-3/4"
SE55029	2-1/2"	1/2"	5-7/8"	6-3/4"
SE55030	2-5/8"	1/2"	5-7/8"	6-3/4"
SE55031	2-3/4"	1/2"	5-7/8"	6-3/4"
SE55032	2-7/8"	1/2"	5-7/8"	6-3/4"
SE55033	3"	1/2"	5-7/8"	6-3/4"



Forstner Boring Bit
Style 55

Spade Bits

Carbon steel.

Part Number	Size	Overall Length
SE94620	5/16"	6"
SE94624	3/8"	6"
SE94628	7/16"	6"
SE94632	1/2"	6"
SE94636	9/16"	6"
SE94640	5/8"	6"
SE94644	11/16"	6"
SE94648	3/4"	6"
SE94652	13/16"	6"
SE94656	7/8"	6"
SE94660	15/16"	6"
SE94664	1"	6"
SE94708	1-1/8"	6"
SE94716	1-1/4"	6"
SE94724	1-3/8"	6"
SE94732	1-1/2"	6"



Spade Bit

CNC Woodworking Collets

SYOZ 20 FOR WOODWORKING MACHINES (RDO20)

This collet used on 6.8HP and 7HP dual end Perske® motors



SE03520-12

Part Number	Description	Diameter (mm)	Length (mm)	Inside Diameter
SE03520-03mm	SYOZ 20 3mm Collet	20	34	3mm
SE03520-18	SYOZ 20 1/8" Collet	20	34	1/8"
SE03520-316	SYOZ 20 3/16" Collet	20	34	3/16"
SE03520-05mm	SYOZ 20 5mm Collet	20	34	5mm
SE03520-14	SYOZ 20 1/4" Collet	20	34	1/4"
SE03520-516	SYOZ 20 5/16" Collet	20	34	5/16"
SE03520-38	SYOZ 20 3/8" Collet	20	34	3/8"
SE03520-10mm	SYOZ 20 10mm Collet	20	34	10mm
SE03520-716	SYOZ 20 7/16" Collet	20	34	7/16"
SE03520-12	SYOZ 20 1/2" Collet	20	34	1/2"

Other sizes available, call for pricing.

SYOZ 25 FOR WOODWORKING MACHINES (RDO35)

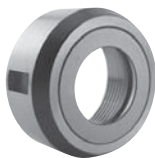
This collet used on 12HP and 15HP Perske® motors and 7.5 Dual End Perske® motors



SE03868-12

Part Number	Description	Diameter (mm)	Length (mm)	Inside Diameter
SE03868-18	SYOZ 25 1/8" Collet	35	52	1/8"
SE03868-316	SYOZ 25 3/16" Collet	35	52	3/16"
SE03868-732	SYOZ 25 7/32" Collet	35	52	7/32"
SE03868-14	SYOZ 25 1/4" Collet	35	52	1/4"
SE03868-516	SYOZ 25 5/16" Collet	35	52	5/16"
SE03868-38	SYOZ 25 3/8" Collet	35	52	3/8"
SE03868-716	SYOZ 25 7/16" Collet	35	52	7/16"
SE03868-12	SYOZ 25 1/2" Collet	35	52	1/2"
SE03868-916	SYOZ 25 9/16" Collet	35	52	9/16"
SE03868-58	SYOZ 25 5/8" Collet	35	52	5/8"
SE03868-34	SYOZ 25 3/4" Collet	35	52	3/4"
SE03868-78	SYOZ 25 7/8" Collet	35	52	7/8"
SE03868-1	SYOZ 25 1" Collet	35	52	1"
SE03868-6mm	SYOZ 25 6mm Collet	35	52	6mm
SE03868-7mm	SYOZ 25 7mm Collet	35	52	7mm
SE03868-10mm	SYOZ 25 10mm Collet	35	52	10mm
SE03868-12mm	SYOZ 25 12mm Collet	35	52	12mm
SE03868-16mm	SYOZ 25 16mm Collet	35	52	16mm
SE03868-20mm	SYOZ 25 20mm Collet	35	52	20mm
SE03868-25mm	SYOZ 25 25mm Collet	35	52	25mm

Other sizes available, call for pricing.



SE03868 Nut

ULTRA HIGH-SPEED COATED CLAMPING NUTS

Compatible with RDO and Ortlieb Nuts Above

Part Number	Description	Diameter (mm)	Length (mm)	Max Torque
SE03508	EOC 08	30	19	
SE03520	SYOZ 20/RDO 20	35	20	40ft lbs
SE03868	SYOZ 25/RDO 35	60	30	90ft lbs
SE03520-L	SYOZ 20/RDO 20	35	20	40ft lbs
SE03868-L	SYOZ 25/RDO 35	60	30	90ft lbs

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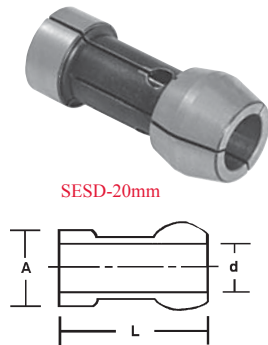
SPANNER WRENCHES

For SYOZ 20 and SYOZ 25 Above

Part Number	Type
SE22220	SYOZ 20/RDO 20

CNC Woodworking Collets

SHODA® COLLETS (OLD STYLE)



SESD-20mm

Part Number	Description	Diameter (A) (mm)	Length (L) (mm)	Inside Diameter (d)
SESD-20mm-.250	20mm (old style) 1/4"	20	52	.250"
SESD-20mm-.312	20mm (old style) 5/16"	20	52	.312"
SESD-20mm-.375	20mm (old style) 3/8"	20	52	.375"
SESD-20mm-10mm	20mm (old style) 10mm	20	52	10mm
SESD-20mm-.500	20mm (old style) 1/2"	20	52	.500"
SESD-20mm-.625	20mm (old style) 5/8"	20	52	.625"
SESD-20mm-Nut	Old Style Nut	41	30	



SESD-C001

SHODA® COLLETS (PIGGY BACK)

Part Number	Description	Diameter (A) (mm)	Length (L) (mm)	Inside Diameter (d)
SESD-C001-.125	Piggy back 1/8" Collet	16	52	.125"
SESD-C001-.187	Piggy back 3/16" Collet	16	52	.187"
SESD-C001-.250	Piggy back 1/4" Collet	16	52	.250"
SESD-C001-.312	Piggy back 5/16" Collet	16	52	.312"
SESD-C001-.375	Piggy back 3/8" Collet	16	52	.375"
SESD-C001-.500	Piggy back 1/2" Collet	16	52	.500"
SESD-C001-10mm	Piggy back 10mm Collet	16	52	10mm
SESD-C001-Nut	Nut for Piggy back	36	30	



SESD-C015

SHODA® COLLETS (NEW STYLE)

Part Number	Description	Diameter (A) (mm)	Length (L) (mm)	Inside Diameter (d)
SESD-C015-.125	Shoda® 24mm (new style) 1/8"	24	52	.125"
SESD-C015-.250	Shoda® 24mm (new style) 1/4"	24	52	.250"
SESD-C015-.312	Shoda® 24mm (new style) 5/16"	24	52	.312"
SESD-C015-.375	Shoda® 24mm (new style) 3/8"	24	52	.375"
SESD-C015-.500	Shoda® 24mm (new style) 1/2"	24	52	.500"
SESD-C015-.625	Shoda® 24mm (new style) 5/8"	24	52	.625"
SESD-C015-.750	Shoda® 24mm (new style) 3/4"	24	52	.750"
SESD-C015-10mm	Shoda® 24mm (new style) 10mm	24	52	10mm
SESD-C015-Nut	Nut for New Style	46	30	



SESS-22

Super Shoda® Nut

SHODA® COLLETS (SUPER SHODA®)

Part Number	Description	Diameter (A) (mm)	Length (L) (mm)	Inside Diameter (d)
SESS-22-14	Super Shoda® 30,000 RPM	23	40	.250"
SESS-22-38	Super Shoda® 30,000 RPM	23	40	3/8"
SESS-22-10mm	Super Shoda® 30,000 RPM	23	40	10mm
SESS-22-12	Super Shoda® 30,000 RPM	23	40	1/2"
SESS-22-58	Super Shoda® 30,000 RPM	23	40	5/8"
SESS-22-Nut	Nut for Super Shoda®	36	15	
SESS-22-ext-nut	Extended Nut for Super Shoda®	36	30	

Other sizes available, call for pricing.

SHODA® NUTS

Part Number	Description	Diameter (A) (mm)	Length (L) (mm)
SESD-20mm-Nut	Old Style Nut	41	30
SESD-C001-Nut	Piggyback Nut	36	30
SESD-C015-Nut	New Style Nut	46	30
SESS-22-Nut	Super Shoda® Nut	36	15
SESS-22-ext-nut	Nut for Super Shoda®	36	30



Super Shoda®
Extended Nut



Shoda® New
Style Nut

ER CNC Woodworking Collets

ER PRECISION COLLETS

Inch Sizes • Standard .0004" TIR



Collet ER32

ER11	ER16	ER20	ER25	ER32	ER40	Shank
SE04211-116	SE04216-116					1/16"
SE04211-332	SE04216-332	SE04220-332	SE04225-332	SE04232-332		3/32"
SE04211-18	SE04216-18	SE04220-18	SE04225-18	SE04232-18	SE04240-18	1/8"
SE04211-532	SE04216-532	SE04220-532	SE04225-532	SE04232-532	SE04240-532	5/32"
SE04211-316	SE04216-316	SE04220-316	SE04225-316	SE04232-316	SE04240-316	3/16"
SE04211-732	SE04216-732	SE04220-732	SE04225-732	SE04232-732	SE04240-732	7/32"
SE04211-14	SE04216-14	SE04220-14	SE04225-14	SE04232-14	SE04240-14	1/4"
	SE04216-932	SE04220-932	SE04225-932	SE04232-932	SE04240-932	9/32"
	SE04216-516	SE04220-516	SE04225-516	SE04232-516	SE04240-516	5/16"
	SE04216-1132	SE04220-1132	SE04225-1132	SE04232-1132	SE04240-1132	11/32"
	SE04216-38	SE04220-38	SE04225-38	SE04232-38	SE04240-38	3/8"
	SE04216-1332	SE04220-1332	SE04225-1332	SE04232-1332	SE04240-1332	13/32"
		SE04220-716	SE04225-716	SE04232-716	SE04240-716	7/16"
		SE04220-1532	SE04225-1532	SE04232-1532	SE04240-1532	15/32"
		SE04220-12	SE04225-12	SE04232-12	SE04240-12	1/2"
			SE04225-1732	SE04232-1732	SE04240-1732	17/32"
			SE04225-916	SE04232-916	SE04240-916	9/16"
			SE04225-1932	SE04232-1932	SE04240-1932	19/32"
			SE04225-58	SE04232-58	SE04240-58	5/8"
				SE04232-2132	SE04240-2132	21/32"
				SE04232-1116	SE04240-1116	11/16"
				SE04232-2332	SE04240-2332	23/32"
			SE04225-34	SE04232-34	SE04240-34	3/4"
					SE04240-78	7/8"
					SE04240-1	1"

ER PRECISION COLLETS

Metric Sizes (note mm is part of the part number)



Collet ER32

ER16	ER20	ER25	ER32	ER40	Shank
		SE04225-2mm			2mm
			SE04232-5mm		5mm
			SE04232-4mm		4mm
			SE04232-6mm		6mm
SE04216-7mm	SE04220-7mm	SE04225-7mm	SE04232-7mm	SE04240-7mm	7mm
SE04216-8mm	SE04220-8mm	SE04225-8mm	SE04232-8mm	SE04240-8mm	8mm
SE04216-10mm	SE04220-10mm	SE04225-10mm	SE04232-10mm	SE04240-10mm	10mm
	SE04220-12mm	SE04225-12mm	SE04232-12mm	SE04240-12mm	12mm
	SE04220-13mm	SE04225-13mm	SE04232-13mm	SE04240-13mm	13mm
		SE04225-14mm	SE04232-14mm	SE04240-14mm	14mm
		SE04225-16mm	SE04232-16mm	SE04240-16mm	16mm
		SE04225-18mm	SE04232-18mm	SE04240-18mm	18mm
			SE04232-20mm	SE04240-20mm	20mm
				SE04240-22mm	22mm
				SE04240-25mm	25mm

See Chart on page 96 for dimensions.
Other sizes available. Call for pricing.



Collet Set

ER PRECISION COLLET SETS

Part Number	Description	Range	Includes
SE04205	ER32-Metric (18 pc. Set)	2mm–20mm	3-20mm
SE04211	ER25 (16 pc. Set)	1/8"–5/8"	5/32"-5/8"
SE04212	ER32 (18 pc. Set)	3/16"–3/4"	7/32"-3/4"
SE04213	ER40 (13 pc. Set)	1/8"–1"	1/8"-1"

Sets come in wooden tray. Wooden tray also sold separately.

CNC Woodworking Collets

TG PRECISION COLLETS



TG75	TG100	TG150	SHANK
SE04008-18	SE04010-18		1/8"
SE04008-316			3/16"
SE04008-14	SE04010-14		1/4"
SE04008-38	SE04010-38		3/8"
SE04008-12	SE04010-12	SE04011-12	1/2"
SE04008-58	SE04010-58	SE04011-58	5/8"
SE04008-34	SE04010-34	SE04011-34	3/4"
	SE04010-78	SE04011-78	7/8"
	SE04010-1	SE04011-1	1"

SE04008-nut

TG100-nut

See Chart on page 105 for dimensions.

Other sizes available. Call for pricing.

HEIAN® COLLETS



Heian® Collet

Part Number	Description
SEHN-24mm-.187	3/16" Heian® Collet (24mm)
SEHN-24mm-.375	3/8" Heian® Collet (24mm)
SEHN-24mm-.500	1/2" Heian® Collet (24mm)
SEHN-24mm-.625	5/8" Heian® Collet (24mm)
SEHN-24mm-.750	3/4" Heian® Collet (24mm)
SEHN-24mm-10	10mm Heian® Collet (24mm)
SEHN-24mm-20	20mm Heian® Collet (24mm)
SEHN-29mm-.187	3/16" Heian® Collet (29mm)
SEHN-29mm-.500	1/2" Heian® Collet (29mm)
SEHN-29mm-.750	3/4" Heian® Collet (29mm)
SEHN-Piggyback-14	1/4" Heian® Piggyback Collet
SEHN-Piggyback-38	3/8" Heian® Piggyback Collet
SEHN-Piggyback-12	1/2" Heian® Piggyback Collet
SEHN-Piggyback-58	5/8" Heian® Piggyback Collet

ER Bearing Nuts



ER32 Bearing Nut

Part Number	Description	Inside Diameter	Length	Spanner	Maximum Clamp Torque
SE21225	ER25 Bearing Nut	42	21	22.5	SE04615 95 ft. lbs.
SE21232	ER32 Bearing Nut	50	22	25	SE04616 125 ft. lbs.
SE21240	ER40 Bearing Nut	63	34	28	SE04617 140 ft. lbs.

ER High-Speed Coated Nuts



ER32 Coated Nut

Part Number	Description	Inside Diameter	Length	Spanner	Maximum Clamp Torque
SE46111	ER11 High Speed Nut	19	14 x .75	11.8	SE04608 20 ft. lbs.
SE46116	ER16 High Speed Nut	32	22 x 1.5	18	SE04613 50 ft. lbs.
SE46120	ER20 High Speed Nut	35	25 x 1.5	19.5	SE04614 75 ft. lbs.
SE46125	ER25 High Speed Nut	42	32 x 1.5	20.5	SE04615 95 ft. lbs.
SE46132	ER32 High Speed Nut	50	40 x 1.5	23	SE04616 125 ft. lbs.
SE46140	ER40 High Speed Nut	63	50 x 1.5	26	SE04617 140 ft. lbs.

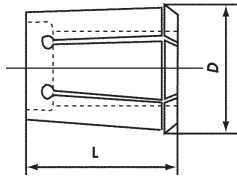
Coated nuts give up to 100% more clamping pressure over bearing nuts.

For use when speeds exceed 15,000 rpm.

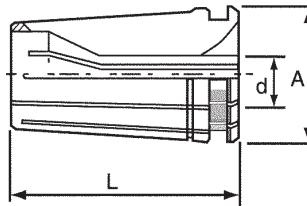
Recommended torque is 80 to 90% of max value.

Easy Collet Reference Sheet

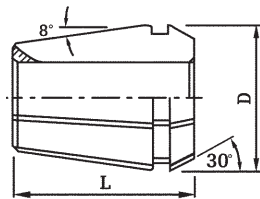
**ALMOST ALL COLLETS HAVE A DISTINCTIVE LENGTH AND DIAMETER.
USE THE REFERENCE SHEET BELOW TO DETERMINE YOUR COLLET TYPE.**



ER Collet



TG Collet



SYOZ Collet

COLLET SERIES	LENGTH	DIAMETER
ER 11	18mm (0.708")	11.5mm (0.45")
ER 16	27.5mm (1.08")	17mm (0.67")
ER 20	31.5mm (1.24")	21mm (0.83")
ER 25	34mm (1.34")	26mm (1.02")
ER 32	40mm (1.57")	33mm (1.31")
ER 40	46mm (1.81")	41mm (1.61")
ER 50	60mm (2.36")	52mm (2.05")
EOC 8	26mm (1.026")	14.4mm (0.567")
SYOZ 20 • RDO 20 • EOC 12 • 407E	34mm (1.34")	20mm (0.78")
EOC 16 • RDO 25	40mm (1.57")	25.5mm (1")
SYOZ 25 • RDO 35 • 462E	52mm (2.06")	35mm (1.38")
EOC 32	60mm (2.36")	43.7mm (1.72")
TG 75	47mm (1.85")	27mm (1.06")
TG 100	60mm (2.36")	35mm (1.38")
TG 150	76.2mm (3.00")	50.8mm (2.00")
Shoda® Collets		
SD-20mm	52mm (2.06")	20mm (Back side)
SD-C001	52mm (2.06")	16mm (Back side)
SD-C015	52mm (2.06")	24mm (Back side)
SS-22	40mm (1.57")	22.5mm 0.89" (OD)

Heian® Collets

HN-24mm	55mm (2.16")	24mm (Back side)
HN-29mm	55mm (2.16")	29mm (Back side)
HN-Piggyback	36.5mm (1.43")	22mm (Back side)

ER Spanner Wrenches

TYPE A, UM, RU, M

	Part Number	Diameter	Collet Nut	Length	Width	Nut Type
 Slotted Wrench	SE04608	ER11 Wrench	SE46111	120	40	A (Hex)
	SE04609	ER16 Wrench	SE46116	140	53	A (Hex)
	SE04610	ER20 Wrench	SE41120	180	60	A (Hex)
 Hook Wrench	SE04613	ER16 Wrench	SE41616	160	55	Slotted
	SE04614	ER20 Wrench	SE41620	180	60	Slotted
	SE04615	ER25 Wrench	SE46125	206	65	Slotted
 Hex Wrench	SE04616	ER32 Wrench	SE46132	253	75	Slotted
	SE04617	ER40 Wrench	SE46140	289	90	Slotted
	SE04618	ER50 Wrench	SE41950	351	110	Slotted
 Mini Wrench	SE04620	ER 8 Wrench	SE23108	75	13	ER Mini
	SE04621	ER 11 Wrench	SE23111	95	17	ER Mini
	SE04622	ER 16 Wrench	SE23116	117	22.5	ER Mini
	SE04623	ER 20 Wrench	SE23120	129	28.5	ER Mini
	SE04624	ER 25 Wrench	SE23125	142.5	35.5	ER Mini
 A Hex Wrench	SE04018	TG 75 Wrench	SE27500	253	46	Hook
	SE03691	TG 100 / SYOZ 25 Wrench	SE28110	260	46	Hook
	SE22220	SYOZ 20 Wrench	SE03520		34	Hook

Tool Holders For CNC Routers

ISO AND SK COLLET HOLDERS Balanced to 25,000 RPM @ G2.5

Collet Nuts are included with holder.



ISO Holder

Collet Nuts are included with holder.

Part Number	Description	D	A	F	N	Flat	Wrench
SE06000-2016M	ISO 20 x ER 16M-52mm	30	52	15.9	22	17	SE04622
SE06000-2516	ISO 20 x ER 16-52mm	30	52	15.9	32	17	SE04613
SE06000-2520	ISO 20 x ER 20-52mm	30	52	15.9	35	17	SE04614
SE12407-W	ISO 30 x ER 11M-100mm	50	100	15.9	16	14	SE04621
SE12000-CMS	ISO 30 x ER 32-CMS	46	58	15.9	50	36	SE04616
SE12040	ISO 30 x ER 40-CMS	46	66	15.9	63	42	SE04617
SE12213-W-50	ISO 30 x ER 32-50mm	50	50	15.9	50	47	SE04616
SE12213-W-50-L	ISO 30 x ER 32-50mm Left	50	50	15.9	50	47	SE04616
SE12213-W-63	ISO 30 x ER 32-63mm	50	63	15.9	50	36	SE04616
SE12213-W-63-L	ISO 30 x ER 32-63mm Left	50	63	15.9	50	36	SE04616
SE12213-W-90	ISO 30 x ER 32-90mm	50	90	15.9	50	36	SE04616
SE12215-W-57	ISO 30 x ER 40-57mm	50	57	15.9	63	47	SE04617
SEPE30DF2056	ISO 30 x ER 32	46	58	15.9	50	36	SE04616
SEPE30DM20	ISO 30 x ER 32 W/Locking Teeth						SE04616
SE12261-W	ISO 40 x ER40-70mm	63.55	70	15.9	63	46	SE04617

Andi® / Weeke® / Thermwood® CNC Chucks

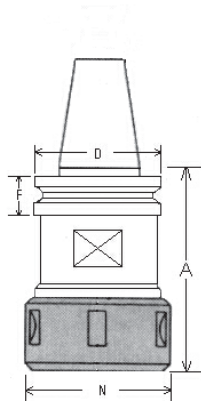
Part Number	Description	D	A	F	N	Flat	Wrench
SENT-54300130	SK-30 x OZ 25 Toolholder	50	70	15.9	60	38	SE03691
SENT-54300130-L	SK-30 x OZ 25 LH Toolholder	50	70	15.9	60	38	SE03691
SEISO-30-THERM	Thermwood ISO 30 x ER32-50mm	57	45	None	50	20	SE04616

Collet Nuts are included with holder.

Dimensions in millimeters.

BT30 Chucks

Collet Nuts are included with holder.



Part Number	Description	D	A	F	N	Wrench
SE06106-W	BT30 x ER 20-70mm w/o Slots	46	70	20	34	SE04614
SE06106-slotnut	BT30 x ER20-70mm w/ Slots	46	70	20	35	SE04614
SE06107	BT30 x ER20-135mm w/o Slots	46	135	20	35	SE04614
SE06107-slotnut	BT30 x ER20-135mm w/ Slots	46	135	20	35	SE04614
SE06108-2.5	BT30 x ER20-2.5" w/o Slots	46	63.5	20	34	SE04610
SE06108-2.5-slotnut	BT30 x ER20-2.5" w/ Slots	46	63.5	20	35	SE04614
SE06109	BT30 x ER25-70mm	46	70	20	42	SE04615
SE06110-W-60	BT30 x ER25-60mm	46	60	20	42	SE04615
SE06111	BT30 x ER25-135mm	46	135	20	42	SE04615
SE06111-90	BT30 x ER25-90mm	46	90	20	42	SE04615
SE06112	BT30 x ER 32-60mm w/ Slots	46	60	20	50	SE04616
SE06113-W-60	BT30 x ER 32-60mm w/o Slots	46	60	20	50	SE04616
*SE06113-W-60-A	BT30 x ER32-60mm Komo	46	60	20	50	SE04616
SE06113-W-60L	BT30 x ER 32-60mm Left Hand	46	60	20	50	SE04616
SE06113	BT30 x ER 32-70 w/ Slots	46	70	20	50	SE04616
SE06113-W-90	BT30 x ER 32-90mm w/o Slots	46	90	20	50	SE04616
SE06114	BT30 x ER 32-100mm	46	100	20	50	SE04616
SE06115	BT30 x ER40-80mm	46	80	20	63	SE04616
SE06001-W	BT30 x SYOZ 25-70mm w/o Slots	46	70	20	60	SE03691
SE06001	BT30 x SYOZ 25-70mm	46	70	20	60	SE03691

*Pull Stud Included 41mm Flats Komo

BT35 Chucks

SE06010	BT35 x SYOZ 25-76mm	53	76	22	60	SE03691
SE061BT353276	BT35 x ER 32-76mm	53	76	22	50	SE04616

Collet Nut are included with holder.

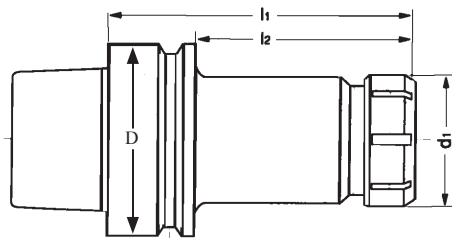
Dimensions in millimeters.

HSK Collet Toolholders For CNC Routers

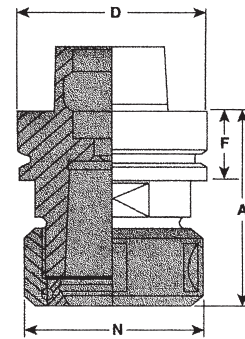
HSK E COLLET TOOLHOLDERS

Part Number	Description	D	d1	L1	L2	Flats	Wrench
SE31374-60	HSK 32E x ER25	32mm	42mm	60mm	45mm	22mm	SE04615
SE8905001	HSK 40E x ER16 - 65	40mm	28mm	65mm	45mm	24mm	SE04613
SE8905002	HSK 40E x ER25 - 75	40mm	42mm	75mm	55mm	27mm	SE04615
SE8905003	HSK 40E x ER32 - 100	40mm	50mm	100mm	80mm	35mm	SE04616
SE8505002	HSK 50E x ER32 - 85	50mm	50mm	85mm	59mm	36mm	SE04616
SE8605002	HSK 63E x ER32 - 90	63mm	50mm	90mm	64mm	None	SE04616
SE8605003	HSK 63E x ER40 - 120	63mm	63mm	120mm	94mm	None	SE04617
SE50001	HSK 63E x ER40 - 75	63mm	63mm	75mm	49mm	None	SE04617

Type E



Type F



HSK F COLLET TOOLHOLDERS

Part Number	Description	D	A	F	N	Flats	Wrench
SE40050	HSK 50F x ER32 - 80mm	50mm	80mm	26mm	50mm	NONE	SE04616
SE17105-008001	HSK 63F x ER16 - 60mm	63mm	60mm	26mm	32mm	26mm	SE04613
SE17105-008002	HSK 63F x ER16 - 100mm	63mm	100mm	26mm	32mm	26mm	SE04613
SE30000	HSK 63F x ER32 - 70mm	63mm	70mm	26mm	50mm	36mm	SE04616
SE30001	HSK 63F x ER40 - 76mm	63mm	76mm	26mm	63mm	46mm	SE04617
SE30002	HSK 63F x ER40 - 90mm	63mm	90mm	26mm	63mm	46mm	SE04617
SE30005	HSK 63F x ER40 - 125mm	63mm	125mm	26mm	63mm	46mm	SE04617
SE41025	HSK 63F x SYOZ 25 - 80mm	63mm	80mm	26mm	60mm	38mm	SE03691

ER Tool Extenders

Extension length should not exceed a 4:1 ratio of length to diameter. For example, a 1/2" shank should not extend more than 2" in front of the holder. This is true only for applications where the extension is rotating.

Part Number	Shank	Overall Length	Diameter	Collet	Wrench	Nut
SE04889	3/8"	124mm	12mm	ER8	SE04620	SE23108
SE04891	1/2"	166.5mm	16mm	ER11	SE04621	SE23111
SE04893	5/8"	158.5mm	16mm	ER11	SE04621	SE23111
SE04895	1/2"	177mm	22mm	ER16	SE04622	SE23116
SE04896	3/4"	165mm	22mm	ER16	SE04622	SE23116
SE04894	3/4"	180mm	28mm	ER20	SE04623	SE23120
SE04897	1"	168mm	28mm	ER20	SE04623	SE23120
SE04888	1"	190mm	35mm	ER25	SE04624	SE23125
SE04898	3/4"	140mm	35mm	ER25	SE04624	SE23125

*Extenders have threaded thru holes for a backup screw. Includes nut.
Collet and wrench sold separately*



AirPRO™ Nut

SPECIFICATIONS

Part Number	Description	Min RPM	Max RPM	D	L	H	h	Weight
SE453200	ER32 AirPRO	18,000	24,000	1.97"	3.77"	1.77"	1.24"	1.1lb
SE454000	ER40 AirPRO	18,000	24,000	2.48"	4.06"	1.81"	1.13"	1.4lb
SE452500	SYOZ25 AirPRO	18,000	24,000	2.36"	3.92"	1.97"	1.13"	1.3lb

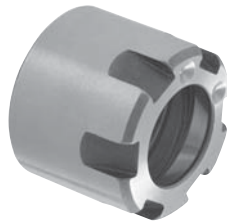
OPERATING PARAMETERS

Part Number	Description	Optimal Gap	Max Chip Load	Wrench	Adapter	Torque
SE453200	ER32 AirPRO	.070"	.020"	200TH	04604-32	100 lb. ft
SE454000	ER40 AirPRO	.070"	.020"	200TH	04605-40	130 lb. ft
SE452500	SYOZ25 AirPRO	.070"	.020"	200TH	03690-25	90 lb. ft

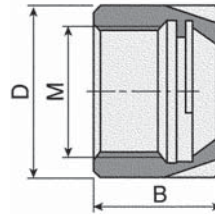


ER Mini Nuts

Part Number	Description	D	B	M	Wrench	Maximum Torque
SE23108	ER 8 Mini Nut	12mm	11mm	M10 x 0.75	SE04620	7 ft/lbs
SE23111	ER 11 Mini Nut	16mm	12mm	M13 x 0.75	SE04621	14 ft/lbs
SE23116	ER 16 Mini Nut	22mm	18mm	M19 x 1.0	SE04622	22 ft/lbs
SE23120	ER 20 Mini Nut	28mm	19.5mm	M24 x 1.0	SE04623	25 ft/lbs
SE23125	ER 25 Mini Nut	35mm	21mm	M30 x 1.0	SE04624	29 ft/lbs



ER High-Speed Nut



HIGH-SPEED

Use ER High-Speed mini nuts for applications where speed exceeds 10,000 RPMs. They are balanced to G2.5 for 20,000 RPMs. These nuts are used on collet holders and multi-spindle heads where center or shoulder distances are important.

Part Number	Description	D	B	M	Wrench	Maximum Torque
SE33108	ER 8 HS Mini Nut	12mm	11mm	M10 x 0.75	SE04620	7 ft/lbs
SE33111	ER 11 HS Mini Nut	16mm	12mm	M13 x 0.75	SE04621	14 ft/lbs
SE33116	ER 16 HS Mini Nut	22mm	18mm	M19 x 1.0	SE04622	22 ft/lbs
SE33120	ER 20 HS Mini Nut	28mm	19.5mm	M24 x 1.0	SE04623	25 ft/lbs
SE33125	ER 25 HS Mini Nut	35mm	21mm	M30 x 1.0	SE04624	29 ft/lbs
SE33125-L	ER 25 HS L-Hand Nut	35mm	21mm	M30 x 1.0	SE04624	29 ft/lbs

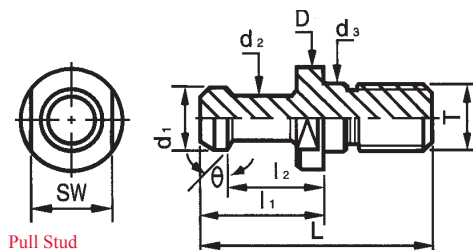
Pull Studs For CNC Routers

(Retention Knobs)

Part Number	Type	D	d1	d2	d3	L	L1	L2	°	T
SE750-19	KOMO 30-A12.5	17	13	9	12.5	44	23.4	18.2	15°	M12
SE13001	DAT 30-A	17	13	9	13	44	24	19	15°	M12
SE13003	DAT 40-A	23	19	14	17	54	26	20	15°	M16
SE13001-45	Colombo 30 Ball	17	12.8	9	13	44	24	19	45°	M12
SE13019	HSD ISO30	17	12	8	13	44	23.9	—	Radius	M12
SE07801	BT 30-45°	16.5	11	7	12.5	43	23	—	45°	M12
SE07803	BT 40-45°	23	15	10	17	60	35	28	—	M16
SE07805	BT 50-45°	38	23	17	25	85	45	35	—	M24
SE07806	BT 30-60°	16.5	11	7	12.5	43	23	—	—	M12
SE07808	BT 40-60°	23	15	10	17	60	35	28	60°	M16
SE07810	BT 50-60°	38	23	17	25	85	45	35	—	M24
SE07812	BT 30-90°	16.5	11	7	12.5	43	23	8	—	M12
SE07814	BT 40-90°	23	15	10	17	60	35	28	—	M16
SE4403502	BT 35-Heian	20	13	8.5	12.5	48	28	22.5	15°	M12

SE13001	Colombo Spindles
SE13001-45	Colombo Spindles Clamping by Balls
SE750-19	Komo Router for BT30 Holder
SE13019	HSD Spindles

Please make sure that the pull stud you order is the exact pull stud your machine uses. Improper choice of a pull stud can cause damage to your machine spindle, the tool holder, and can cause a serious safety hazard.



Pull Stud

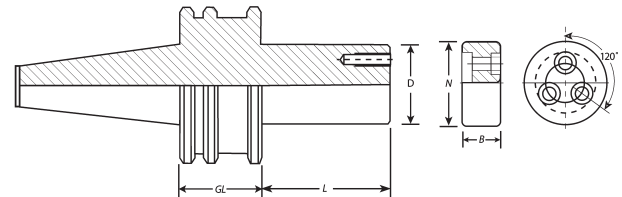
ISO 30 & HSK 63F Arbors

Part Number	Description	L	GL	D	B	N
SE12700-40	ISO 30 x 1 1/4" x 40mm arbor	40mm	42mm	1-1/4"	20mm	42mm
SE12700-55	ISO 30 x 1 1/4" x 55mm arbor	55mm	42mm	1-1/4"	20mm	42mm
SE12700-80	ISO 30 x 1 1/4" x 80mm arbor	80mm	42mm	1-1/4"	20mm	42mm
SE12700-100	ISO 30 x 1 1/4" x 100mm arbor	100mm	42mm	1-1/4"	20mm	42mm

Special sizes made to your specifications. Contact us for details.



ISO 30

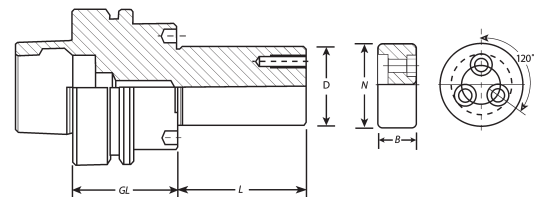


Special 3 screw design for enhanced safety

Part Number	Description	D	L	N	B	GL
SE41060	HSK 63F 1 1/4" arbor x 55mm	1-1/4"	55mm	42mm	20mm	45mm
SE41080-3H	HSK 63F 1 1/4" arbor x 80mm	1-1/4"	80mm	42mm	20mm	45mm
SE41085	HSK 63F 1 1/4" arbor x 100mm	1-1/4"	100mm	42mm	20mm	45mm
SE41087	HSK 63F 1 1/4" arbor x 112mm	1-1/4"	112mm	42mm	20mm	45mm



HSK 63F



Tightening Stand For ISO, HSK63 & BT30

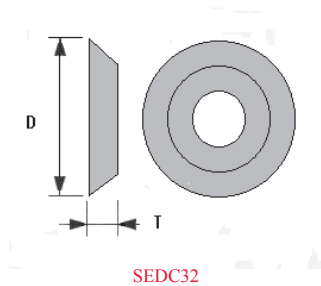
Part Number	Description	Tool Holder Used For
SENTS-ISO30-36	ISO 30-36mm Flats	12213-W-63, 12213-W-90
SENTS-ISO30-38	ISO 30-38mm Flats	NT-5400130
SENTS-ISO30-47	ISO 30-47mm Flats	12213-W-50, 12215-W-57
SENTS-BT30-38	BT30 Taper 38mm Flats	
SENTS-BT30-SLOT	BT30 with Drive Slots	
SENTS-BT30-41	BT 30 - Taper 41mm Flats	06113-W-60
SENTS-HSK63A	HSK 63A No Flats	
SENTS-HSK63F-36	HSK 63F - 36mm Flats	30000
SENTS-HSK63F-38	HSK 63F - 38mm Flats	41025
SENTS-HSK63F-41	HSK 63F - 41mm Flats	
SENTS-HSK63F-46	HSK 63F - 46mm Flats	30001, 30005, 50001

- New design for easy access to pull studs from bottom
- Constructed of precision machined anodized alloy
- Outstanding strength, speed, and durability
- Securely bolts right on CNC Machine or workbench



CNC Accessories

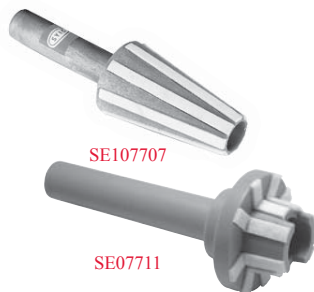
DUST COVERS FOR COLLET NUTS • 1 1/2" DIAMETER X 1/4" THICK



Part Number	Description
SEDC32-316	Dust Cover 3/16" Shank
SEDC32-14	Dust Cover 1/4" Shank
SEDC32-516	Dust Cover 5/16" Shank
SEDC32-38	Dust Cover 3/8" or 10 mm Shank
SEDC32-12	Dust Cover 1/2" Shank
SEDC32-58	Dust Cover 5/8" Shank
SEDC32-34	Dust Cover 3/4" Shank

**Sold Individual*

Spindle Taper Wipers



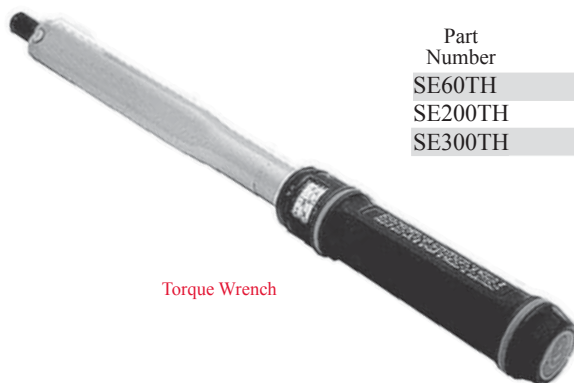
Part Number	Taper	Length	Taper Length	Handle Diameter	Taper Max. Diameter
SE07703	30	170	60	24	32
SE07704	40	188	78	24	45
SE07705	50	240	120	30	70
SE07710	HSK63A	165	31	22	n/a
SE07711	HSK63F	165	31	22	n/a

Collet Brushes



Part Number	Description
SECB250	1/4" Brush
SECB312	5/16" Brush
SECB375	3/8" Brush
SECB500	1/2" Brush
SECB625	5/8" Brush
SECB750	3/4" Brush
SECB1000	1" Brush
SECB-4KIT	1/4" , 3/8" , 1/2" , 3/4" Brushes
SECB-7KIT	1/4" , 5/16" , 3/8" , 1/2" , 5/8" , 3/4" , 1" Brushes

Torque Wrench



Torque Wrench

Part Number	Description	Range of Torque	Length	Spigot
SE60TH	Torque Wrench	5-45 ft/lbs	12"	16mm Round
SE200TH	Torque Wrench	30-150 ft/lbs	16.5"	16mm Round
SE300TH	Torque Wrench	45-228 ft/lbs	21.5"	16mm Round

Torque Wrench Accessories



FOR BT, CAT, ISO AND HSK TOOL HOLDERS

Part Number	Collet Nut Size	Wrench Type	Maximum Torque
SESD-20mm-TWA	Fits all Old Style SD Collet Nuts	Hook	
SESD-C001-TWA	Fits Piggy Back Style Collet Nuts	Hook	
SESD-C015-TWA	Fits New Style SD Collet Nuts	Hook	
SESS22TWA	Fits all SS-22 Collet Nuts	Hex	50 ft/lbs
SESS22EXTTWA	Fits all SS-22 Extended Nuts	Hex	50 ft/lbs
SE04580-16	ER 16	Slotted	50 ft/lbs
SE04601-16	ER 16 Hex	Hex	50 ft/lbs
SE04580-20	ER 20	Slotted	75 ft/lbs
SE04602-20	ER 20 Hex	Hex	75 ft/lbs
SE04603-25	ER 25 Slotted	Slotted	95 ft/lbs
SE04576	ER 11 Mini	Mini	14 ft/lbs
SE04577	ER 16 Mini	Mini	22 ft/lbs
SE04578	ER 20 Mini	Mini	25 ft/lbs
SE04587	ER 25 M	Mini	45 ft/lbs
SE04604-32	ER 32 Slotted	Slotted	125 ft/lbs
SE04605-40	ER 40 Slotted	Slotted	140 ft/lbs
SE03690-25	SYOZ 25/TG 100	Hook	100 ft/lbs
SE04018-TWA	TG 75 Slotted	Hook	100 ft/lbs
SE04588-R	ER 32 Slotted	Slotted	125 ft/lbs

RETENTION KNOB SOCKETS

Part Number	Taper or Holder	Wrench Flats	Square Drive	Maximum Torque
SEPSS-30BT	BT 30 Taper Pull Studs	0.535"	1/4"	40 ft/lbs
SEPSS-30ISO	ISO 30 Taper Pull Studs	0.535"	3/8"	40 ft/lbs
SEPSS-40	BT 30 Taper Pull Studs	0.750"	3/8"	85 ft/lbs
SEPSS-50	BT 50 Taper Pull Studs	1.187"	1/2"	110 ft/lbs
SEPSSC-50	CAT 50 Taper Pull Studs	1.250"	1/2"	110 ft/lbs

FIXED HEAD SQUARE DRIVES

Part Number	Description	Square Drive
SE29828	3/8" Square Drive	3/8" Drive
SE29827	1/2" Square Drive	1/2" Drive

Toolholder Measuring Guide – Special

USE THIS GUIDE FOR MEASURING YOUR TOOLS TO DETERMINE WHAT YOU NEED TO RE-ORDER, OR FOR SPECIAL ORDER TOOLHOLDERS BUILT TO YOUR SPECIFICATIONS.

Make & model of CNC router _____

Pull Stud dimensions

P= _____

A= _____

L= _____

R= _____

Toolholder Dimensions

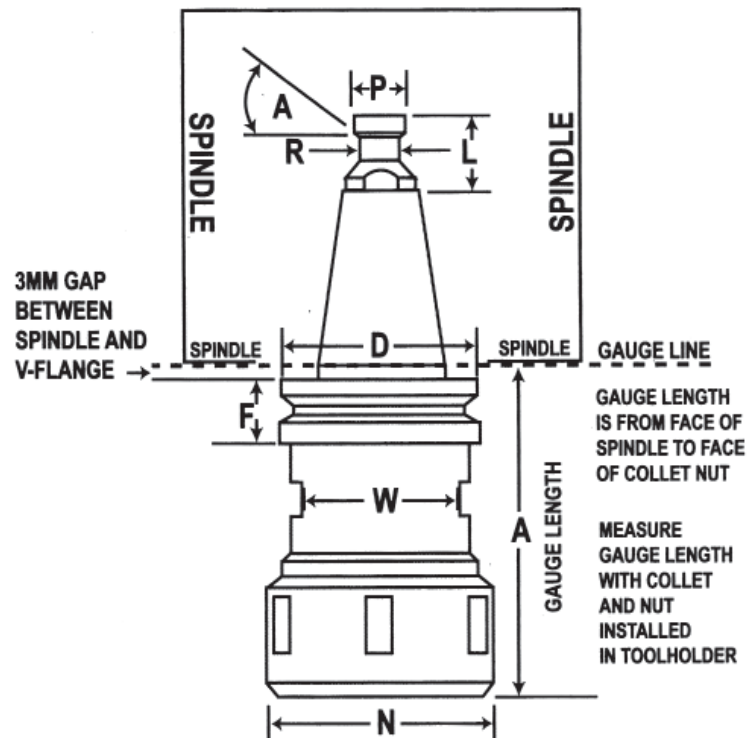
D= _____

F= _____

W= _____

A= _____

N= _____



Make & model of HSK spindle CNC router _____

Toolholder Dimensions

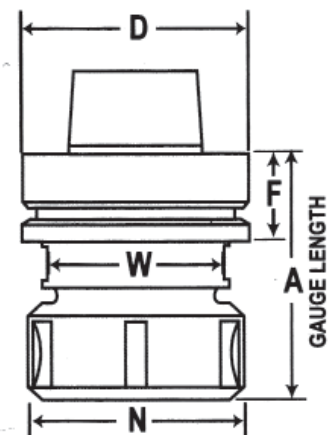
D= _____

F= _____

W= _____

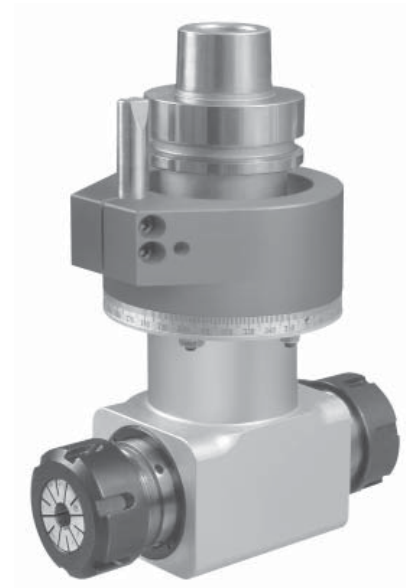
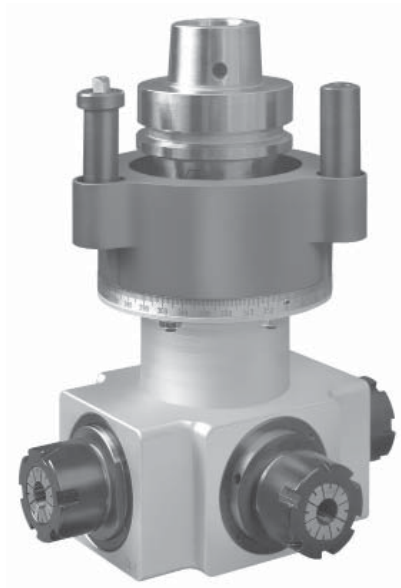
A= _____

N= _____



Aggregate Heads

Below are just some examples of the many possible heads. Due to the complexity of Aggregate heads and the additional information that we must have to get you an accurate quote, please call for pricing or to request more information.



Carbide-Tipped Metric Boring Bits

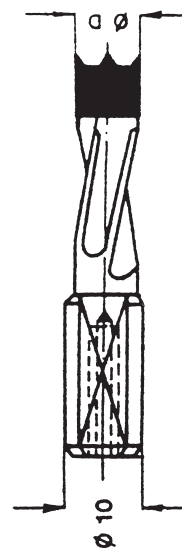
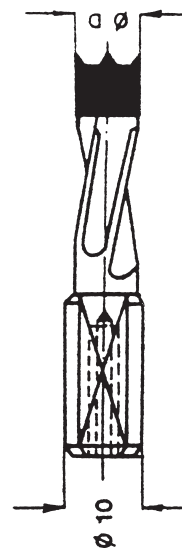
BRAD POINT • 57MM OAL

Part Number		Diameter		Shank
RH	LH	Brad Point 57 OAL	OAL	
SE5703RH	SE5703LH	3mm	57mm	10mm
SE5704RH	SE5704LH	4mm	57mm	10mm
SE57045RH	SE57045LH	4.5mm	57mm	10mm
SE57187RH	SE57187LH	4.76mm (3/16")	57mm	10mm
SE5705RH	SE5705LH	5mm	57mm	10mm
SE57051RH	SE57051LH	5.1mm	57mm	10mm
SE57055RH	SE57055LH	5.5mm	57mm	10mm
SE5706RH	SE5706LH	6mm	57mm	10mm
SE57250RH	SE57250LH	6.35mm (1/4")	57mm	10mm
SE57065RH	SE57065LH	6.5mm	57mm	10mm
SE57067RH	SE57067LH	6.7mm	57mm	10mm
SE5707RH	SE5707LH	7mm	57mm	10mm
SE57075RH	SE57075LH	7.5mm	57mm	10mm
SE5708RH	SE5708LH	8mm	57mm	10mm
SE57082RH	SE57082LH	8.2mm	57mm	10mm
SE57085RH	SE57085LH	8.5mm	57mm	10mm
SE5709RH	SE5709LH	9mm	57mm	10mm
SE57375RH	SE57375LH	9.52mm (3/8")	57mm	10mm
SE5710RH	SE5710LH	10mm	57mm	10mm
SE5711RH	SE5711LH	11mm	57mm	10mm
SE57438RH	SE57438LH	11.1mm (7/16")	57mm	10mm
SE5712RH	SE5712LH	12mm	57mm	10mm
SE57500RH	SE57500LH	12.7mm (1/2")	57mm	10mm
SE5713RH	SE5713LH	13mm	57mm	10mm
SE5714RH	SE5714LH	14mm	57mm	10mm
SE5715RH	SE5715LH	15mm	57mm	10mm
SE57625RH	SE57625LH	15.9mm (5/8")	57mm	10mm
SE5716RH	SE5716LH	16mm	57mm	10mm
SE5717RH	SE5717LH	17mm	57mm	10mm
SE5718RH	SE5718LH	18mm	57mm	10mm
SE5719RH	SE5719LH	19mm	57mm	10mm
SE5720RH	SE5720LH	20mm	57mm	10mm

BRAD POINT • 70MM OAL

Part Number		Diameter		Shank
RH	LH	Brad Point 70 OAL	OAL	
SE7003RH	SE7003LH	3mm	70mm	10mm
SE7004RH	SE7004LH	4mm	70mm	10mm
SE70045RH	SE70045LH	4.5mm	70mm	10mm
SE70187RH	SE70187LH	4.76mm (3/16")	70mm	10mm
SE7005RH	SE7005LH	5mm	70mm	10mm
SE70051RH	SE70051LH	5.1mm	70mm	10mm
SE70055RH	SE70055LH	5.5mm (7/32")	70mm	10mm
SE7006RH	SE7006LH	6mm	70mm	10mm
SE70250RH	SE70250LH	6.35mm (1/4")	70mm	10mm
SE70065RH	SE70065LH	6.5mm	70mm	10mm
SE70067RH	SE70067LH	6.7mm	70mm	10mm
SE7007RH	SE7007LH	7mm	70mm	10mm
SE70071RH	SE70071LH	7.1mm	70mm	10mm
SE70075RH	SE70075LH	7.5mm	70mm	10mm
SE7008RH	SE7008LH	8mm	70mm	10mm
SE70082RH	SE70082LH	8.2mm	70mm	10mm
SE70085RH	SE70085LH	8.5mm	70mm	10mm
SE7009RH	SE7009LH	9mm	70mm	10mm
SE70375RH	SE70375LH	9.52mm (3/8")	70mm	10mm

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Carbide-Tipped Metric Boring Bits

BRAD POINT • 70MM OAL- CONTINUED

Part Number		Diameter		Shank
RH	LH	Brad Point 70 OAL	OAL	
SE7010RH	SE7010LH	10mm	70mm	10mm
SE70104RH	SE70104LH	10.4mm	70mm	10mm
SE7011RH	SE7011LH	11mm	70mm	10mm
SE70438RH	SE70438LH	11.1mm (7/16")	70mm	10mm
SE7012RH	SE7012LH	12mm	70mm	10mm
SE70500RH	SE70500LH	12.7mm (1/2")	70mm	10mm
SE7013RH	SE7013LH	13mm	70mm	10mm
SE7014RH	SE7014LH	14mm	70mm	10mm
SE70562RH	SE70562LH	14.27mm (9/16")	70mm	10mm
SE7015RH	SE7015LH	15mm	70mm	10mm
SE70625RH	SE70625LH	15.9mm (5/8")	70mm	10mm
SE7016RH	SE7016LH	16mm	70mm	10mm
SE70165RH	SE70165LH	16.5mm	70mm	10mm
SE7017RH	SE7017LH	17mm	70mm	10mm
SE7018RH	SE7018LH	18mm	70mm	10mm
SE7019RH	SE7019LH	19mm	70mm	10mm
SE7020RH	SE7020LH	20mm	70mm	10mm
SE7025RH	SE7025LH	25mm	70mm	10mm

BRAD POINT • 77MM OAL

Part Number		Diameter		Shank
RH	LH	Brad Point 77 OAL	OAL	
SE7704RH	SE7704LH	4mm	77mm	10mm
SE7705RH	SE7705LH	5mm	77mm	10mm
SE7706RH	SE7706LH	6mm	77mm	10mm
SE77250RH	SE77250LH	6.35mm (1/4")	77mm	10mm
SE7707RH	SE7707LH	7mm	77mm	10mm
SE7708RH	SE7708LH	8mm	77mm	10mm
SE77375RH	SE77375LH	9.52mm (3/8")	77mm	10mm
SE7710RH	SE7710LH	10mm	77mm	10mm
SE77438RH	SE77438LH	11.1mm (7/16")	77mm	10mm
SE7712RH	SE7712LH	12mm	77mm	10mm

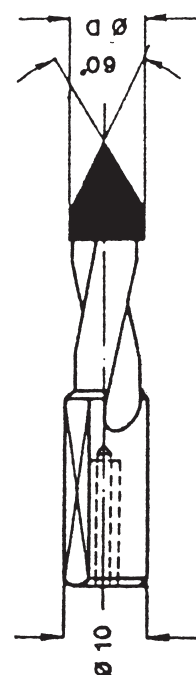
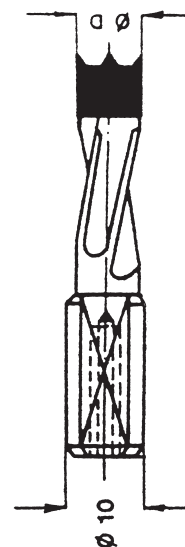
BRAD POINT • 63.5MM OAL • 1/4" SHANK

Part Number		Diameter		Shank
RH	LH	Brad Point 63.5 OAL	OAL	
SE63505RH	SE63505LH	5mm	63.5mm (2 1/2")	1/4"
SE635250RH	SE635250LH	6.35mm (1/4")	63.5mm (2 1/2")	1/4"

V-POINT • 58MM OAL

Part Number		Diameter		Shank
RH	LH	V-Point 58 OAL	OAL	
SEV5803RH	SEV5803LH	3mm	58mm	10mm
SEV5804RH	SEV5804LH	4mm	58mm	10mm
SEV58187RH	SEV58187LH	4.76mm (3/16")	58mm	10mm
SEV5805RH	SEV5805LH	5mm	58mm	10mm
SEV58055RH	SEV58055LH	5.5mm (7/32")	58mm	10mm
SEV5806RH	SEV5806LH	6mm	58mm	10mm
SEV58250RH	SEV58250LH	6.35mm (1/4")	58mm	10mm
SEV58065RH	SEV58065LH	6.5mm	58mm	10mm
SEV5807RH	SEV5807LH	7mm	58mm	10mm
SEV58079RH	SEV58079LH	7.9mm	58mm	10mm
SEV5808RH	SEV5808LH	8mm	58mm	10mm
SEV5809RH	SEV5809LH	9mm	58mm	10mm
SEV58375RH	SEV58375LH	9.52mm (3/8")	58mm	10mm
SEV5810RH	SEV5810LH	10mm	58mm	10mm
SEV5811RH	SEV5811LH	11mm	58mm	10mm
SEV58111RH	SEV58111LH	11.1mm (7/16")	58mm	10mm
SEV5812RH	SEV5812LH	12mm	58mm	10mm
SEV58500RH	SEV58500LH	12.7mm (1/2")	58mm	10mm

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Carbide-Tipped Metric Boring Bits

V-POINT • 58MM OAL- CONTINUED

Part Number		Diameter		Shank
RH	LH	Brad Point 70 OAL	OAL	
SEV5813RH	SEV5813LH	13mm	58mm	10mm
SEV5814RH	SEV5814LH	14mm	58mm	10mm
SEV5815RH	SEV5815LH	15mm	58mm	10mm
SEV5816RH	SEV5816LH	16mm	58mm	10mm
SEV5818RH	SEV5818LH	18mm	58mm	10mm

V POINT • 70MM OAL

Part Number		Diameter		Shank
RH	LH	Thru V Point 70 OAL	OAL	
SEV7003RH	SEV7003LH	3mm	70mm	10mm
SEV7004RH	SEV7004LH	4mm	70mm	10mm
SEV70187RH	SEV70187LH	4.76mm (3/16")	70mm	10mm
SEV7005RH	SEV7005LH	5mm	70mm	10mm
SEV70055RH	SEV70055LH	5.5mm (7/32")	70mm	10mm
SEV7006RH	SEV7006LH	6mm	70mm	10mm
SEV70250RH	SEV70250LH	6.35mm (1/4")	70mm	10mm
SEV70065RH	SEV70065LH	6.5mm	70mm	10mm
SEV7007RH	SEV7007LH	7mm	70mm	10mm
SEV70071RH	SEV70071LH	7.1mm	70mm	10mm
SEV7008RH	SEV7008LH	8mm	70mm	10mm
SEV70082RH	SEV70082LH	8.2mm	70mm	10mm
SEV7009RH	SEV7009LH	9mm	70mm	10mm
SEV70375RH	SEV70375LH	9.52mm (3/8")	70mm	10mm
SEV7010RH	SEV7010LH	10mm	70mm	10mm
SEV70102RH	SEV70102LH	10.2mm	70mm	10mm
SEV70104RH	SEV70104LH	10.4mm	70mm	10mm
SEV7011RH	SEV7011LH	11mm	70mm	10mm
SEV70111RH	SEV70111LH	11.1mm (7/16")	70mm	10mm
SEV7012RH	SEV7012LH	12mm	70mm	10mm
SEV70500RH	SEV70500LH	12.7mm (1/2")	70mm	10mm
SEV7013RH	SEV7013LH	13mm	70mm	10mm
SEV7014RH	SEV7014LH	14mm	70mm	10mm
SEV70142RH	SEV70142LH	14.2mm (9/16")	70mm	10mm
SEV7015RH	SEV7015LH	15mm	70mm	10mm
SEV7016RH	SEV7016LH	16mm	70mm	10mm
SEV7017RH	SEV7017LH	17mm	70mm	10mm
SEV7018RH	SEV7018LH	18mm	70mm	10mm
SEV7019RH	SEV7019LH	19mm	70mm	10mm

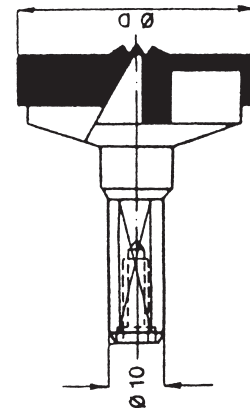
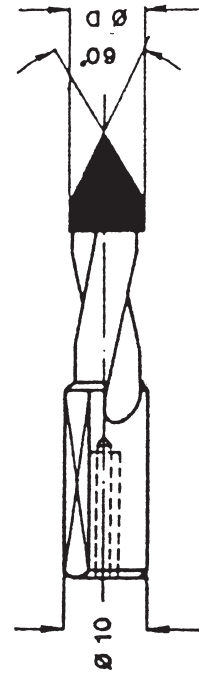
V POINT • 77MM OAL

Part Number		Diameter		Shank
RH	LH	Thru V Point 77 OAL	OAL	
SEV7704RH	SEV7704LH	4mm	77mm	10mm
SEV7705RH	SEV7705LH	5mm	77mm	10mm
SEV7706RH	SEV7706LH	6mm	77mm	10mm
SEV7707RH	SEV7707LH	7mm	77mm	10mm
SEV7708RH	SEV7708LH	8mm	77mm	10mm
SEV7710RH	SEV7710LH	10mm	77mm	10mm
SEV77438RH	SEV77438LH	11.1mm (7/16")	77mm	10mm
SEV7712RH	SEV7712LH	12mm	77mm	10mm

HINGE BITS • 57MM OAL

Part Number		Diameter		Shank
RH	LH	Hinge Bits 57 OAL	OAL	
SEHB5715RH	SEHB5715LH	15mm	57mm	10mm
SEHB5716RH	SEHB5716LH	16mm	57mm	10mm
SEHB5717RH	SEHB5717LH	17mm	57mm	10mm
SEHB5718RH	SEHB5718LH	18mm	57mm	10mm
SEHB5719RH	SEHB5719LH	19mm	57mm	10mm

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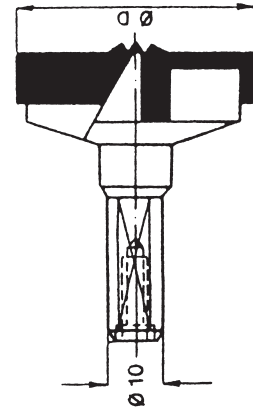
Carbide-Tipped Metric Boring Bits

HINGE BITS • 57MM OAL– CONTINUED

Part Number		Diameter		Shank
RH	LH	Hinge Bits 57 OAL	OAL	
SEHB5720RH	SEHB5720LH	20mm	57mm	10mm
SEHB5722RH	SEHB5722LH	22mm	57mm	10mm
SEHB5724RH	SEHB5724LH	24mm	57mm	10mm
SEHB5725RH	SEHB5725LH	25mm	57mm	10mm
SEHB5726RH	SEHB5726LH	26mm	57mm	10mm
SEHB5728RH	SEHB5728LH	28mm	57mm	10mm
SEHB5730RH	SEHB5730LH	30mm	57mm	10mm
SEHB5732RH	SEHB5732LH	32mm	57mm	10mm
SEHB5734RH	SEHB5734LH	34mm	57mm	10mm
SEHB5735RH	SEHB5735LH	35mm	57mm	10mm
SEHB5736RH	SEHB5736LH	36mm	57mm	10mm
SEHB5738RH	SEHB5738LH	38mm	57mm	10mm
SEHB5740RH	SEHB5740LH	40mm	57mm	10mm

HINGE BITS • 70MM OAL

Part Number		Diameter		Shank
RH	LH	Hinge Bits 70 OAL	OAL	
SEHB7015RH	SEHB7015LH	15mm	70mm	10mm
SEHB7016RH	SEHB7016LH	16mm	70mm	10mm
SEHB70165RH	SEHB70165LH	16.5mm	70mm	10mm
SEHB7017RH	SEHB7017LH	17mm	70mm	10mm
SEHB7018RH	SEHB7018LH	18mm	70mm	10mm
SEHB7019RH	SEHB7019LH	19mm	70mm	10mm
SEHB7020RH	SEHB7020LH	20mm	70mm	10mm
SEHB7022RH	SEHB7022LH	22mm	70mm	10mm
SEHB7024RH	SEHB7024LH	24mm	70mm	10mm
SEHB7025RH	SEHB7025LH	25mm	70mm	10mm
SEHB7026RH	SEHB7026LH	26mm	70mm	10mm
SEHB7028RH	SEHB7028LH	28mm	70mm	10mm
SEHB7030RH	SEHB7030LH	30mm	70mm	10mm
SEHB7032RH	SEHB7032LH	32mm	70mm	10mm
SEHB7034RH	SEHB7034LH	34mm	70mm	10mm
SEHB7035RH	SEHB7035LH	35mm	70mm	10mm
SEHB7036RH	SEHB7036LH	36mm	70mm	10mm
SEHB7038RH	SEHB7038LH	38mm	70mm	10mm
SEHB7040RH	SEHB7040LH	40mm	70mm	10mm



Solid Carbide Drills

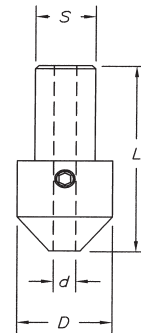
Adapters on Top of Next Page

Part Number		Diameter	OAL	Shank
RH	LH			
Center Drills • Drill Point				
CD4502RH	CD4502LH	2mm	45mm	2mm
CD53025RH	CD53025LH	2.5mm	53mm	2.5mm
CD53028RH	CD53028LH	2.8mm	53mm	2.8mm
Brad Points				
BPD5303RH	BPD5303LH	3mm	53mm	3mm
BPD53032RH	BPD53032LH	3.2mm	53mm	3.2mm
BPD53035RH	BPD53035LH	3.5mm	53mm	3.5mm
BPD5304RH	BPD5304LH	4mm	53mm	4mm
BPD53045RH	BPD53045LH	4.5mm	53mm	4.5mm
BPD5305RH	BPD5305LH	5mm	53mm	5mm

Drill Adapters

For Solid Carbide Drills on Previous Page

Part Number	d Drill Hole Size	D Diameter	L Length	S Shank
DA3502	2mm	15mm	35mm	10mm
DA35025	2.5mm	15mm	35mm	10mm
DA35028	2.8mm	15mm	35mm	10mm
DA3503	3mm	15mm	35mm	10mm
DA35032	3.2mm	15mm	35mm	10mm
DA35035	3.5mm	15mm	35mm	10mm
DA3504	4mm	15mm	35mm	10mm
DA35045	4.5mm	15mm	35mm	10mm
DA3505	5mm	15mm	35mm	10mm
DACSP screw	Replacement Screw			



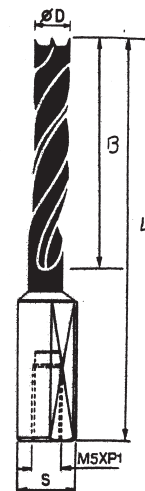
Solid Carbide Boring Bits with Steel Shank

Brad Points

Part Number		D Diameter	B Twist Length	Shank Diameter 10mm x 27mm	L OAL
RH	LH				
SCBP5703RH	SCBP5703LH	3mm	18mm	10mm	57mm
SCBP5704RH	SCBP5704LH	4mm	20mm	10mm	57mm
SCBP5705RH	SCBP5705LH	5mm	20mm	10mm	57mm
SCBP5706RH	SCBP5706LH	6mm	20mm	10mm	57mm
SCBP5708RH	SCBP5708LH	8mm	20mm	10mm	57mm
SCBP7003RH	SCBP7003LH	3mm	28mm	10mm	70mm
SCBP7004RH	SCBP7004LH	4mm	30mm	10mm	70mm
SCBP7005RH	SCBP7005LH	5mm	30mm	10mm	70mm
SCBP7006RH	SCBP7006LH	6mm	30mm	10mm	70mm
SCBP7008RH	SCBP7008LH	8mm	30mm	10mm	70mm
SCBP7010RH	SCBP7010LH	10mm	30mm	10mm	70mm

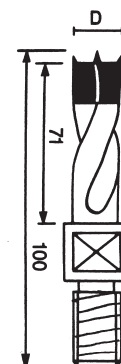
V-Points

Part Number		D Diameter	B Twist Length	Shank Diameter 10mm x 27mm	L OAL
RH	LH				
SCVP5805RH	SCVP5805LH	5mm	20mm	10mm	58mm
SCVP5808RH	SCVP5808LH	8mm	20mm	10mm	58mm
SCVP7005RH	SCVP7005LH	5mm	20mm	10mm	70mm
SCVP7008RH	SCVP7008LH	8mm	20mm	10mm	70mm



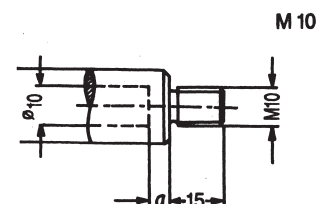
Carbide-Tipped Threaded Shank Dowel Drills

Part Number		Diameter	Shank Thread	OAL
RH	LH			
SETSM8005RH	SETSM8005LH	5mm	M8 x 1.25	100mm
SETSM8006RH	SETSM8006LH	6mm	M8 x 1.25	100mm
SETSM8008RH	SETSM8008LH	8mm	M8 x 1.25	100mm
SETSM8010RH	SETSM8010LH	10mm	M8 x 1.25	100mm
SETSM8012RH	SETSM8012LH	12mm	M8 x 1.25	100mm
SETSM8015RH	SETSM8015LH	15mm	M8 x 1.25	100mm
SETSM1005RH	SETSM1005LH	5mm	M10 x 1.25	100mm
SETSM1006RH	SETSM1006LH	6mm	M10 x 1.25	100mm
SETSM1008RH	SETSM1008LH	8mm	M10 x 1.25	100mm
SETSM1010RH	SETSM1010LH	10mm	M10 x 1.25	100mm
SETSM1012RH	SETSM1012LH	12mm	M10 x 1.25	100mm
SETSM1015RH	SETSM1015LH	15mm	M10 x 1.25	100mm

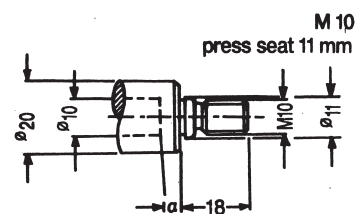


Chuck Adapters with Threaded Shank

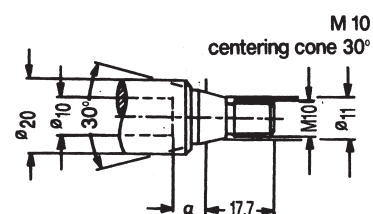
Part Number	Part Number	Shank Threads	Machine(s)
RH	LH		
QCDA1001RH	QCDA1002LH	M10	Ayen, Mayer, Torwegge



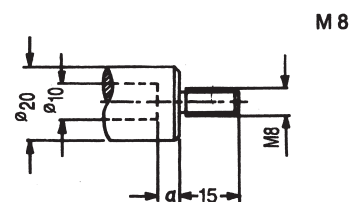
Part Number	Part Number	Shank Threads	Machine(s)
RH	LH		
QCDA1003RH	QCDA1004LH	M10	Morbidelli, Weeke, Holtzer SCMI, Reimall, Vitap



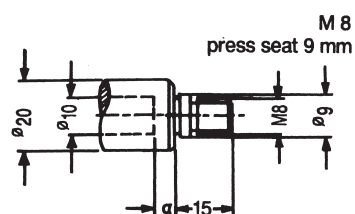
Part Number	Part Number	Shank Threads	Machine(s)
RH	LH		
QCDA1005RH	QCDA1006LH	M10	Busselatto, Ompec Bilek, Weeke



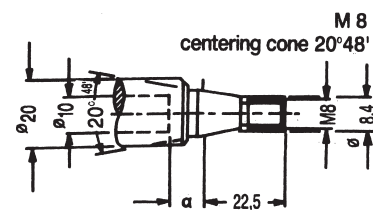
Part Number	Part Number	Shank Threads	Machine(s)
RH	LH		
QCDA8001RH	QCDA8002LH	M8	Nottmeyer



Part Number	Part Number	Shank Threads	Machine(s)
RH	LH		
QCDA8003RH	QCDA8004LH	M8	Nottmeyer, Morbidelli



Part Number	Part Number	Shank Threads	Machine(s)
RH	LH		
QCDA8005RH	QCDA8006LH	M8	Bilek



QUICK CHANGE ADAPTER - BIESSE

Part Number	Description
QCDA-Biesse	10 x 20 x 3
QCDA-screw	screw for adapter
QCDA-Morbideli	FM400

QCDA-Biesse



QCDA-Morbideli

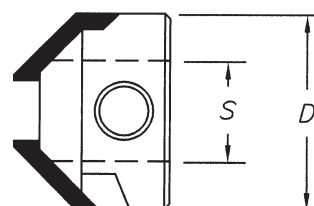


Carbide-Tipped Countersink Bits

Carbide-Tipped Countersinks

For clamping on the Spiral of the Brad Point or V Point Drill

Part Number		Diameter	Size
RH	LH		
CSP1604RH	CSP1604LH	16mm	4mm
CSP1605RH	CSP1605LH	16mm	5mm
CSP1606RH	CSP1606LH	16mm	6mm
CSP16250RH	CSP16250LH	16mm	6.35mm (1/4")
CSP1607RH	CSP1607LH	16mm	7mm
CSP1808RH	CSP1808LH	18mm	8mm
CSP1809RH	CSP1809LH	18mm	9mm
CSP2010RH	CSP2010LH	20mm	10mm
CSP2012RH	CSP2012LH	20mm	12mm



Replacement screw for the countersink above.
Part # DACSP screw

Carbide-Tipped Countersinks

For clamping on the Shank of the Brad Point or V Point Drill

Part Number		For Sizes	Size
RH	LH		
CSH20510RH	CSH20510LH	5mm to 10mm	5mm to 10mm
CSH201112RH	CSH201112LH	11mm to 12mm	11mm to 12mm

Carbide-Tipped Countersinks Adjustable 45 Degree Angle

Part Number	Description	For Screw
SE918	3/8" x 1/8"	# 4
SE921	3/8" x 9/64"	# 6
SE924	3/8" x 5/32"	# 8
SE927	3/8" x 11/64"	# 8-9
SE930	3/8" x 3/16"	# 10

Uses SFFB-720



SE918

Carbide-Tipped Counterbores

DRILL NOT INCLUDED — MUST ORDER BELOW

Part Number		Description	Shank	Overall Length
LH	RH			
SE940	SE942	3/8 CD Bit	10mm	2 3/8"
SE944	SE946	3/16 Drill	3/16	2 1/4"



Quick Change Adapter For Metric Drills

Part Number	Shank	OAL
QCHDA250	1/4" Hex	1 3/4"



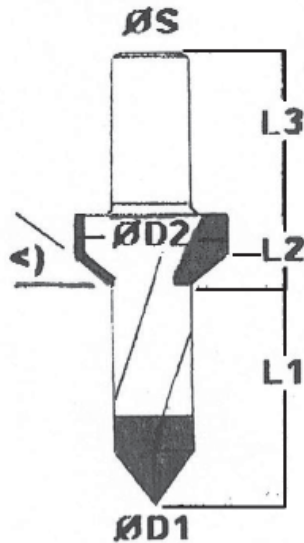
QCHDA250

Carbide-Tipped Metric Bits

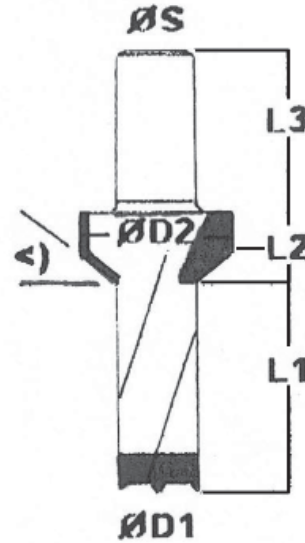
COUNTERBORE & COUNTERSINK • ONE PIECE DESIGN

Southeast Tool can help with all of your specialty or custom tooling needs. Just determine your lengths, diameters and angles and we can provide the exact tool you need to do the job right!

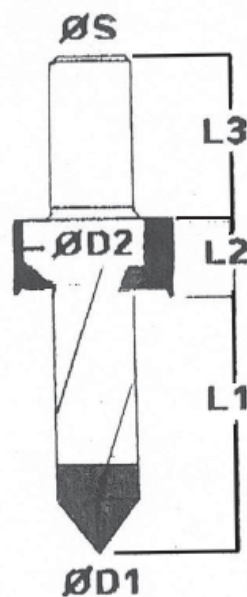
Here are a few examples:



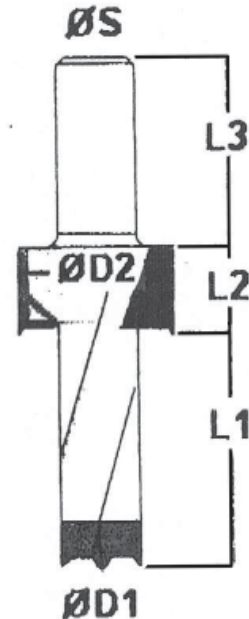
**COUNTERSINK WITH
V-POINT**



**COUNTERSINK WITH
BRAD POINT**



**COUNTERBORE WITH
V-POINT**



**COUNTERBORE WITH
BRAD POINT**

Insert Router Bits

2 FLUTE FLUSH TRIM INSERT BITS



Insert Bit Bearing

Part Number	Diameter	Cut Length	Shank	OAL	Insert
*SEIFT-71214	3/4"	12mm	1/4"	2-1/4"	SI-121215
*SEIFT-71212	3/4"	12mm	1/2"	2-1/2"	SI-121215
**SEIFT-73012	3/4"	30mm	1/2"	3-3/16"	SI-301215
**SEIFT-74012	3/4"	40mm	1/2"	3-5/8"	SI-401215
**SEIFT-75012	3/4"	50mm	1/2"	3-15/16"	SI-501217

**Use SI4-Screw*

***SI-Screw*

**Use SBE119 Bearing*

***SBE140*

1 FLUTE INSERT STRAIGHT BITS



Insert Bit 1 Flute

Part Number	Diameter	Cut Length	Shank	OAL	Insert
SEIS1-73012	3/4"	30mm	1/2"	3-3/8"	SI-301215P
SEIS1-74012	3/4"	40mm	1/2"	3-3/8"	SI-3951215

Use SI35-Screw

2 FLUTE INSERT STRAIGHT BITS



Insert Bit



SEINS-34

Part Number Inserts	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	
SEINS-34	3/4"	30mm	3/4"	3"	SI-2951215
SEINS-34-12	3/4"	30mm	1/2"	3"	SI-301215
SEIS2-740	3/4"	40mm	1/2"	3-5/16"	SI-401215
SEIS2-750	3/4"	50mm	1/2"	3-11/16"	SI-501217
SEINS-34-58	3/4"	30mm	5/8"	3"	SI-2951215
SEINS-34-40	3/4"	40mm	3/4"	4"	SI-3951215
SEINS-34-50	3/4"	50mm	3/4"	4-1/4"	SI-4951215
SEINS-1-30	1"	30mm	1/2"	3"	SI-2951215

Use SI-Screw

Four Sided Inserts for End Cutting

2 FLUTE INSERT TEMPLATE BITS • 1/2" SHANK



SEIT75030

Part Number	Cutting Diameter	Cutting Length	OAL	Bearing	Inserts
SEIT750-30	3/4"	30mm	3"	SBE155	SI-2951215
SEIT750-40	3/4"	40mm	3-5/16"	SBE155	SI-3951215
SEIT750-50	3/4"	50mm	3-1/16"	SBE155	SI-501217
SEIT1125-30	1-1/8"	30mm	3"	SBE150	SI-301215P
SEIT1125-40	1-1/8"	40mm	3-5/16"	SBE150	SI-3951215
SEIT1125-50	1-1/8"	50mm	3-11/16"	SBE150	SI-501217

Use SI-Screw

Four Sided Inserts for End Cutting

1 FLUTE V-GROOVE BIT • 1/2" SHANK



SEIV91-12

Part Number	Cutting Diameter	Cutting Length	Angle	Shank	OAL	Insert
SEIV90-12	25mm	15.5mm	90°	1/2"	2-5/8"	SIV151215
SEIV91-12	18mm	12mm	91°	1/2"	2-5/16"	SI-121215

Use SI-Screw

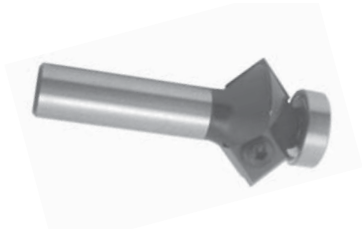
Insert Router Bits



22 DEGREE BEVEL BITS • 2 FLUTE

Part Number	Small Diameter	Cut Length	Angle	Shank	OAL	Insert
SEIBT22-14	3/4"	12mm	22°	1/4"	2-1/8"	SI-121215
SEIBT22-12	3/4"	12mm	22°	1/2"	2-1/4"	SI-121215

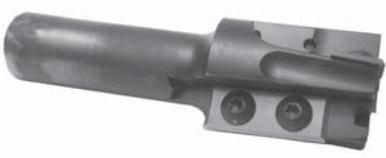
Use SI4-Screw



45 DEGREE BEVEL BITS • 2 FLUTE

Part Number	Small Diameter	Cut Length	Angle	Shank	OAL	Insert
SEIBT45-14	3/4"	12mm	45°	1/4"	2-1/8"	SI-121215
SEIBT45-12	3/4"	12mm	45°	1/2"	2-1/4"	SI-121215

Use SI4-Screw



INSERT COMPRESSION BITS • 2+2

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	Inserts
SEINS22-40	1-1/4"	40mm	3/4"	3-3/4"	SI-301215, SI-121215
SEINS22-50	1-1/4"	50mm	3/4"	4-1/2"	SI-401215, SI-121215

Use SICS-Screw



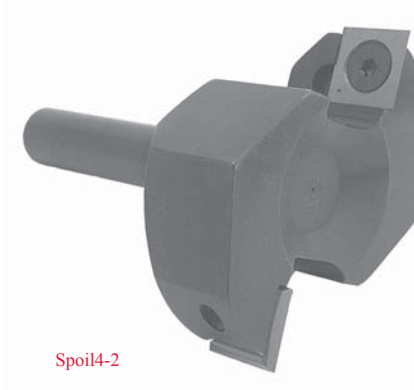
45 DEGREE INSERT BIT • 1 FLUTE

Part Number	Diameter	Cut Height	Shank
SECS143IR	50mm	1"	3/4"

Replacement Insert: Part # SECS143IR insert

Replacement Screw 10-32x6

Insert Spoilboard Surfacing Cutters



STRAIGHT (for MDF and Particleboard)

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	# of Wings
SPOIL178-2	1-7/8"	1/2"	1/2"	2
SPOIL25-2	2-1/2"	1/2"	1/2"	2
SPOIL4-2	4"	1/2"	3/4"	2
SPOIL4-3	4"	1/2"	3/4"	3

UP-SHEAR (for Balsa Core Material)

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	# of Wings
SPOIL25-2UP	2-1/2"	1/2"	1/2"	2
SPOIL4-2UP	4"	1/2"	3/4"	2
SPOIL4-3UP	4"	1/2"	3/4"	3

Part Number	Description
SPOIL-Insert	(Replacement insert for spoilboard cutter 10 pc pack 14x14x2)
SPOIL-Screw	(Replacement screw for spoilboard cutter)
SPOIL-Wrench	(Wrench for spoilboard cutter insert)

Insert Tooling



2 WING COPE (STILE) & STICK (RAIL) BITS 3/4" Shank 3" Cut Diameter• Face Down

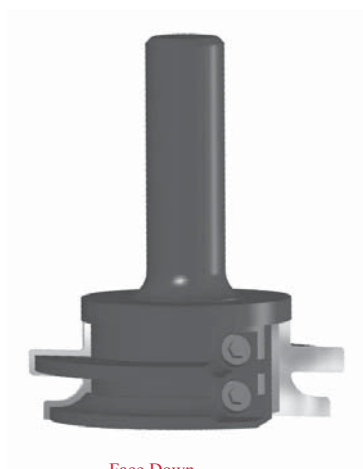
Part Number	Description	Shank	Comments
SEIBCSFD	Cope (Stile)	3/4"	Face Down
SEIBSSFD	Stick (Rail)	3/4"	Face Down

The same body fits all three styles below.

Part Number	Description	Comments
SE-ICSOFD	Ogee Insert-Cope (Stile)	Face Down Sold each.
SE-IRSOFD	Ogee Insert-Stick (Rail)	Face Down Sold each.
SE-ICSBFD	Bead Insert-Cope (Stile)	Face Down Sold each.
SE-IRSBFD	Bead Insert-Stick (Rail)	Face Down Sold each.
SE-ICSRFD	Round Insert-Cope (Stile)	Face Down Sold each.
SE-IRSRFD	Round Insert-Stick (Rail)	Face Down Sold each.

Insert Tooling

2 WING COPE (STILE) & STICK (RAIL) BITS 3/4" Shank 3" Cut Diameter • Face Up



Part Number	Description	Shank	Comments
SEIBCS	Cope (Stile)	3/4"	Face Up
SEIBSS	Stick (Rail)	3/4"	Face Up

The same body fits all three styles below.

Part Number	Description	Comments	
SE-ICSO	Ogee Insert-Cope (Stile)	Face Up	Sold each.
SE-IRSO	Ogee Insert-Stick (Rail)	Face Up	Sold each.
SE-ICSB	Bead Insert-Cope (Stile)	Face Up	Sold each.
SE-IRSB	Bead Insert-Stick (Rail)	Face Up	Sold each.
SE-ICSR	Round Insert-Cope (Stile)	Face Up	Sold each.
SE-IRSR	Round Insert-Stick (Rail)	Face Up	Sold each.

2 WING RAISED PANEL BITS 3/4" Shank • Face Up



Part Number	Description	Shank	Comments
SEIBRP-34	Raised Panel Body	3/4"	Face Up

The same body fits all three styles below.

Part Number	Description (Solid Carbide)		
SE-IRPC	Round Raised Panel Insert	Face Up	Sold each.
SE-IRPS	Straight Raised Panel Insert	Face Up	Sold each.
SE-IRPO	Ogee Raised Panel Insert	Face Up	Sold each.

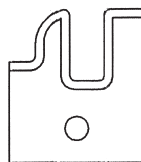
Insert 3 Wing Cope and Stick Cutters

4" LG DIAMETER X 1-1/4" BORE X RH ROTATION - FACE DOWN

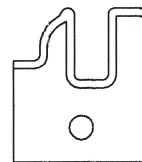
COPE (STILE)

Each body comes with one set of knives

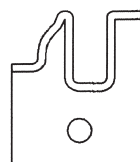
Part Number	Description
SE-BCS	Insert Cope (Stile) Body
SE-ICSR	Round Cope (Stile) Profile Insert
SE-ICSB	Bead Cope (Stile) Profile Insert
SE-ICSO	Ogee Cope (Stile) Profile Insert



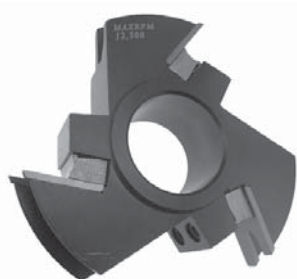
SE-ICSR



SE-ICSB



SE-ICSO



COPE



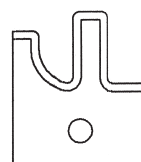
STICK



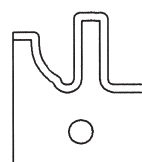
STICK (RAIL)

Each body comes with one set of knives

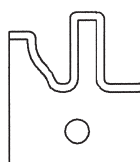
Part Number	Description
SE-BRS	Insert Rail (Stick) Body
SE-IRSR	Round Rail (Stick) Insert
SE-IRSB	Bead Rail (Stick) Insert
SE-IRSO	Ogee Rail (Stick) Insert



SE-IRSR



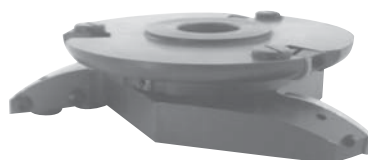
SE-IRSB



SE-IRSO

Insert 3 Wing Raised Panel Cutters

7-1/2" LG DIAMETER X 1-1/4" BORE - FACE DOWN



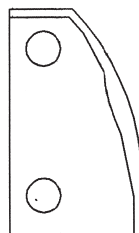
RAISED PANEL (with optional back cutter)

RAISED PANEL

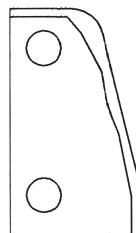
Each body comes with one set of knives

Part Number	Description
SE-BRP	Insert Raised Panel Body
SE-IRPC	Round Raised Panel Insert
SE-IRPS	Straight Raised Panel Insert
SE-IRPO	Ogee Raised Panel Insert

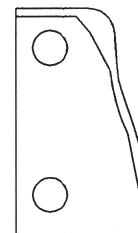
Uses SI-Screw 10-32x9



SE-IRPC



SE-IRPS



SE-IRPO

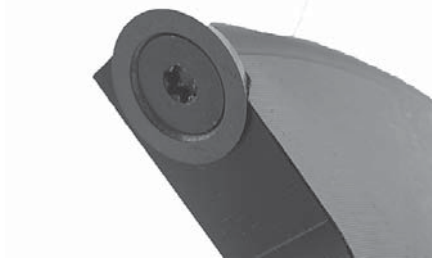
Note: Insert tooling requires your machine and spindle to be in good condition with minimum runout. The bushings should be in good condition also.

Insert 3 Wing Back Panel Cutter

5-3/4" LG DIAMETER X 1-1/4" BORE



Part Number	Description
SE-BBP	Insert Back Panel Body
SE-IBP	Back Panel Insert Old Style
SE-IBP-Round	Round Style- New

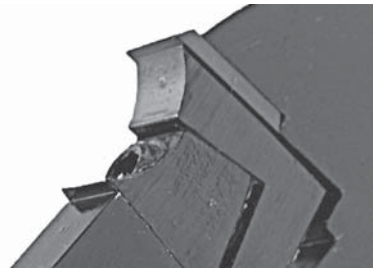


Insert 3 Wing Raised Panel Trim Cutter

4" LG DIAMETER X 1-1/4" BORE • USED TO TRIM END PANELS

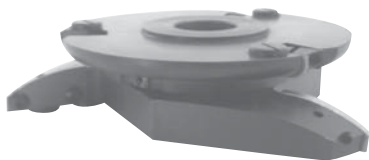


Part Number	Description
SE-BRPT	Insert Raised Panel Trim Cutter
SE-IRPT	Trim Cutter Insert (7.5 x 12)



Accessories For 3 Wing Cutter Inserts

Part Number	Description
SE750TBU	3/4" T Type Bushing
SE1000TBU	1" T Type Bushing
RB41250	Rub Bearing 4" OD x 1-1/4" ID x 1/2" Thick



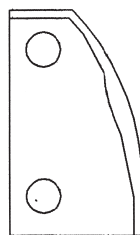
Raised Panel



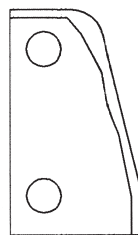
Cope & Stick Cutters



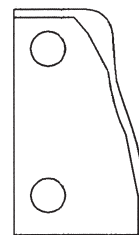
Cope & Stick Cutters



SE-IRPC



SE-IRPS

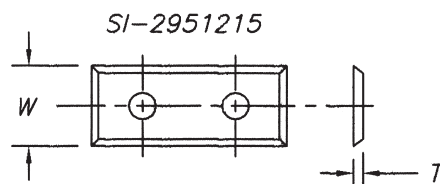
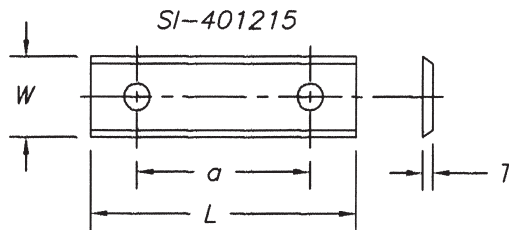
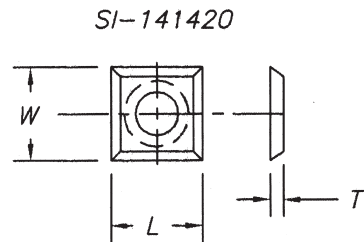
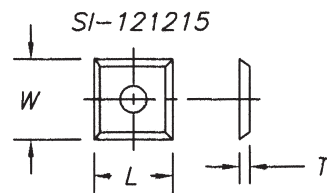
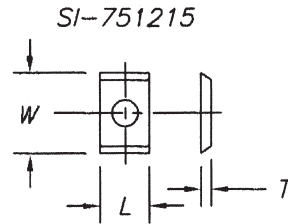


SE-IRPO

Note: Insert tooling requires your machine and spindle to be in good condition with minimum runout. The bushings should be in good condition also.

Solid Carbide Standard Reversible Insert Knives

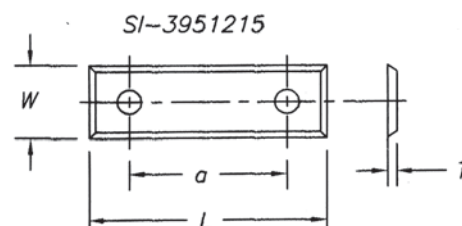
Part Number	Description (L x W x T)
2 Sided 1 Hole	
SI-751215	7.5 x 12 x 1.5
SI-861215	8.6 x 12 x 1.5
SI-901215	9.0 x 12 x 1.5
SI-961215	9.6 x 12 x 1.5
SI-131215	13 x 12 x 1.5
SI-151215	15 x 12 x 1.5
SI-181215	18 x 12 x 1.5
SI-201215	20 x 12 x 1.5
SI-251215	25 x 12 x 1.5
4 Sided 1 Hole	
SI-10510515	10.5 x 10.5 x 1.5
SI-10510515CS	10.5 x 10.5 x 1.5 C Sink hole
SI-121215	12 x 12 x 1.5
SI-131325	13 x 13 x 2.5
SI-1361362	13.6 x 13.6 x 2.0
SI-141412	14 x 14 x 1.2
SI-141412 Holz	14 x 14 x 1.2 Holz-Her Style Insert
SI-141420	14 x 14 x 2.0
SI-141420-T10	14 x 14 x 2.0 T10mg
SI-141420-SP	14 x 14 x 2.0 T04F Grade
SI-141420CR	14 x 14 x 2.0 w/Corner Radius
SI-14314325	14.3 x 14.3 x 2.5
SI-14614625	14.6 x 14.6 x 2.5
SI-14614625CR	14.6 x 14.6 x 2.5 w/Corner Radius
SI-151525	15 x 15 x 2.5 w/115mm Radius
SI-151525- 30deg	15 x 15 x 2.5 w/150mm Radius
SI-151525-R50	15 x 15 x 2.5 w/50mm Radius
SI-151525-SQ	15 x 15 x 2.5 w/Square Corners
SI-151525-SQ-SP	15 x 15 x 2.5 w/Square Coners T08CR
SI-151525 Byrd	15 x 15 x 2.5 w/100mm Radius
SI-171215	17 x 12 x 1.5
SI-1717203	17 x 17 x 2.0 w/3mm Hole
SI-1717204	17 x 17 x 2.0 w/4mm Hole
SI-1957015	19.5 x 7 x 1.5
SI-1957515	19.5 x 7.5 x 1.5
SI-1958015	19.5 x 8.0 x 1.5
SI-1959015	19.5 x 9.0 x 1.5
SI-1951015	19.5 x 10 x 1.5
SI-1951115	19.5 x 11 x 1.5
SI-1951215	19.5 x 12 x 1.5
SI-191920	19 x 19 x 2.0 w/4mm Hole
SI-212155	21 x 21 x 5.5 x 40°
SI-258015	25 x 8.0 x 1.5
2 Sided 2 Holes	
SI-251215-2	25 x 12 x 1.5 14 CTC
SI-301215	30 x 12 x 1.5 14 CTC
SI-301215CA	30 x 12 x 1.5 14 CTC 4 Corner Angles
SI-301215-16	30 x 12 x 1.5 16 CTC
SI-301215SP	30 x 12 x 1.5 T03SMG Grade
SI-301225	30 x 12 x 2.5 14 CTC
SI-351215	35 x 12 x 1.5 26 CTC
SI-401215	40 x 12 x 1.5 26 CTC
SI-401215CA	40 x 12 x 1.5 26 CTC 4 Corner Angles
SI-4451515	44.5 x 15 x 1.5
SI-501215	50 x 12 x 1.5 26 CTC
SI-501215CA	50 x 12 x 1.5 26 CTC 4 Corner Angles
SI-601215	60 x 12 x 1.5 26 CTC
SI-801322	80 x 13 x 2.2 60 CTC
SI-1001322	100 x 13 x 2.2 60 CTC
SI-1201322	120 x 13 x 2.2 60 CTC



Solid Carbide Standard Reversible Insert Knives

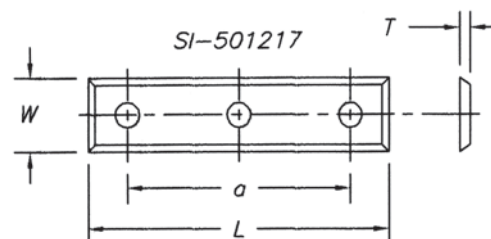
Part Number Description (L x W x T) 4 Sided 2 Holes (14 CTC) Plunge

SI-287015	28 x 7.0 x 1.5
SI-2957015	29.5 x 7 x 1.5
SI-2957515	29.5 x 7.5 x 1.5
SI-2958015	29.5 x 8.0 x 1.5
SI-2959015	29.5 x 9.0 x 1.5
SI-2959015SP	29.5 x 9.0 x 1.5 T03SMG Grade
SI-2951015	29.5 x 10 x 1.5
SI-2951115	29.5 x 11 x 1.5
SI-2951215SP	29.5 x 12 x 1.5 T03SMG Grade
SI-301215P	30 x 12 x 1.5
SI-301215-TL15	30 x 12 x 1.5 TL15 Grade



4 Sided 2 Holes (26 CTC Plunge)

SI-3951215	39.5 x 12 x 1.5
SI-4958015	49.5 x 8 x 1.5
SI-4959015	49.5 x 9 x 1.5
SI-4959015-SP	49.5 x 9 x 1.5 T03SMG Grade
SI-4951015	49.5 x 10 x 1.5
SI-4951115	49.5 x 11 x 1.5
SI-4951215	49.5 x 12 x 1.5 T04F Grade
SI-4951215-SP	49.5 x 12 x 1.5 T03SMG
SI-5951215	59.5 x 12 x 1.5



4 Sided 3 Holes (37 CTC)

SI-501017	50 x 10 x 1.7
SI-501217	50 x 12 x 1.7

End Angle 1 Hole

SI-201215AL	20 x 12 x 1.5 Angle Left
SI-201215AR	20 x 12 x 1.5 Angle Right

SI-201215AR

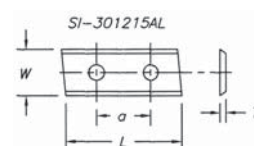


End Angle 2 Holes (14 CTC)

SI-301215AL	30 x 12 x 1.5 Angle Left
SI-301215AR	30 x 12 x 1.5 Angle Right

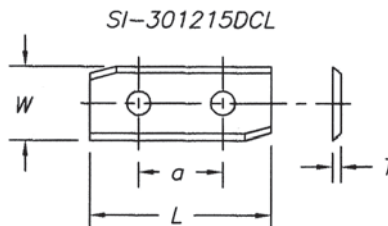
End Angle 2 Holes (26 CTC)

SI-401215AL	40 x 12 x 1.5 Angle Left
SI-401215AR	40 x 12 x 1.5 Angle Right
SI-501215AL	50 x 12 x 1.5 Angle Left
SI-501215AR	50 x 12 x 1.5 Angle Right



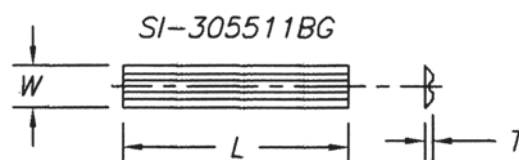
Double Angle 2 Holes

SI-301215DCL	30 x 12 x 1.5 RB-TL	14CTC
SI-301215DCR	30 x 12 x 1.5 LB-TR	14CTC
SI-501215DCL	50 x 12 x 1.5 LB-TR	26CTC
SI-501215DCR	50 x 12 x 1.5 RB-TL	25CTC



2 Sided Back Groove

SI-125511BG	12 x 5.5 x 1.1 Back Groove
SI-205511BG	20 x 5.5 x 1.1 Back Groove
SI-305511BG	30 x 5.5 x 1.1 Back Groove
SI-305511BG- SP	30 x 5.5 x 1.1 Back Groove T03SMG
SI-405511BG	40 x 5.5 x 1.1 Back Groove
SI-505511BG	50 x 5.5 x 1.1 Back Groove
SI-505511BG-T03	50 x 5.5 x 1.1 Back Groove T03SMG



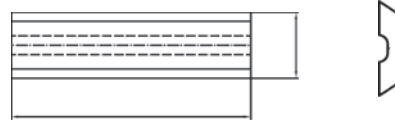
Solid Carbide Insert Knives

Part
Number Description (L x W x T)

2 Sided Face Groove

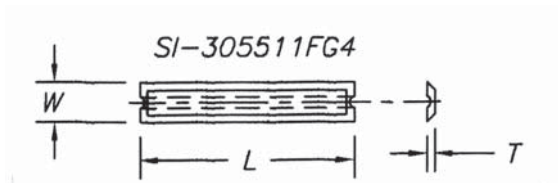
SI-978152	9.7 x 8 x 1.5 Face Groove
SI-117815	11.7 x 8 x 1.5 Face Groove
SI-1478152	14.7 x 8 x 1.5 Face Groove
SI-125511FG	12 x 5.5 x 1.1 Face Groove
SI-197815	19.7 x 8 x 1.5 Face Groove
SI-205511FG	20 x 5.5 x 1.1 Face Groove
SI-305511FG	30 x 5.5 x 1.1 Face Groove
SI-405511FG	40 x 5.5 x 1.1 Face Groove
SI-505511FG	50 x 5.5 x 1.1 Face Groove
SI-508015FG	50 x 8 x 1.5 Face Groove
SI-608015FG	60 x 8 x 1.5 Face Groove

SI-205511FG



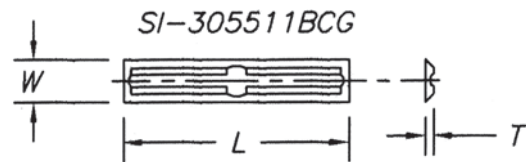
4 Sided Face Groove

SI-205511FG4	20 x 5.5 x 1.1 Face Groove
SI-255511FG4	25 x 5.5 x 1.1 Face Groove
SI-305511FG4	30 x 5.5 x 1.1 Face Groove
SI-355511FG4	35 x 5.5 x 1.1 Face Groove
SI-405511FG4	40 x 5.5 x 1.1 Face Groove
SI-505511FG4	50 x 5.5 x 1.1 Face Groove



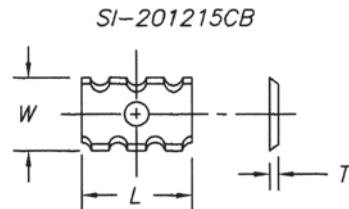
4 Sided Back & Cross Groove

SI-205511BCG	20 x 5.5 x 1.1
SI-305511BCG	30 x 5.5 x 1.1
SI-405511BCG	40 x 5.5 x 1.1
SI-505511BCG	50 x 5.5 x 1.1



Chipbreaker Knives

SI-151520CB	15 x 15 x 2.0 4 Sided
SI-201215CB	20 x 12 x 1.5 2 Sided
SI-301215CB	30 x 12 x 1.5 2 Sided
SI-501215CB	50 x 12 x 1.5 2 Sided



Radius Knives

SIR-121452L-2	12 x 14.5 x 2 LH 2mm Radius
SIR-121452R-2	12 x 14.5 x 2 RH 2mm Radius
SIR-121452L-25	12 x 14.5 x 2 LH 2.5mm Radius
SIR-121452R-25	12 x 14.5 x 2 RH 2.5mm Radius
SIR-121452L-3	12 x 14.5 x 2 LH 3mm Radius
SIR-121452R-3	12 x 14.5 x 2 RH 3mm Radius

SIR-121452R

SIR-121452L



Radius Knives

SIR-151452L-2	15 x 14.5 x 2 LH 2mm Radius
SIR-151452R-2	15 x 14.5 x 2 RH 2mm Radius
SIR-151452L-25	15 x 14.5 x 2 LH 2.5mm Radius
SIR-151452R-25	15 x 14.5 x 2 RH 2.5mm Radius
SIR-151452L-3	15 x 14.5 x 2 LH 3mm Radius
SIR-151452R-3	15 x 14.5 x 2 RH 3mm Radius

SIR-151452R

SIR-151452L



SIR-1961522L-2	19.6 x 15.2 x 2 LH 2mm Radius
SIR-1961522R-2	19.6 x 15.2 x 2 RH 2mm Radius
SIR-19615223L-3	19.6 x 15.2 x 2 LH 3mm Radius
SIR-19615223R-3	19.6 x 15.2 x 2 RH 3mm Radius

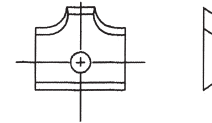
Solid Carbide Insert Knives

Part Number Description (L x W x T)

Double Radius Knives (3mm Hole)

SIDR-161752-2	16 x 17.5 x 2.0 R-2
SIDR-161752-3	16 x 17.5 x 2.0 R-3
SIDR-161752-4	16 x 17.5 x 2.0 R-4
SIDR-161752-5	16 x 17.5 x 2.0 R-5

SIDR-161752-4



Radius Profile Knives

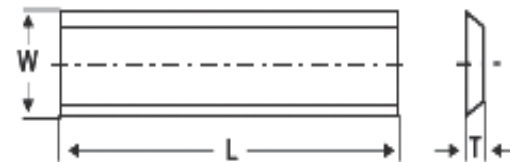
SIRP-12712732-2	12.7 x 12.7 x 3.2 R-2
SIRP-12712732-3	12.7 x 12.7 x 3.2 R-3

SIRP-12712732-2



Leitz Systems® Face Groove

SILS-778015	7.7 x 8.0 x 1.5
SILS-978015	9.7 x 8.0 x 1.5
SILS-1178015	11.7 x 8.0 x 1.5
SILS-1478018	14.7 x 8.0 x 1.5
SILS-1978015	19.7 x 8.0 x 1.5
SILS-2478015	24.7 x 8.0 x 1.5
SILS-308015	30 x 8.0 x 1.5
SILS-358015	35 x 8.0 x 1.5
SILS-408015	40 x 8.0 x 1.5
SILS-458015	45 x 8.0 x 1.5
SILS-508015	50 x 8.0 x 1.5
SILS-608015	60 x 8.0 x 1.5
SILS-708015	70 x 8.0 x 1.5
SILS-808015	80 x 8.0 x 1.5
SILS-1008015	100 x 8.0 x 1.5
SILS-1208015	120 x 8.0 x 1.5



Portable Planers Back Groove

SIPP-565511	56 x 5.5 x 1.1	Adler
SIPP-605511	60 x 5.5 x 1.1	Wegoma
SIPP-755511	75.5 x 5.5 x 1.1	AEG, Bosch, Festo, Haffner, Kress, Mafell, Metabo, Scheer, Skill, Holz-Her
SIPP-7575512	75.7 x 5.5 x 1.2	Black & Decker
SIPP-785511	78 x 5.5 x 1.1	Virutex
SIPP-8055912	80.5 x 5.9 x 1.2	ELU
SIPP-8055511	80.5 x 5.5 x 1.1	ELU
SIPP-825511	82 x 5.5 x 1.1	AEG, Black & Decker, Bosch, ALU, Fein, Felisatti, Haffner, Hitachi, Holz-Her, Mafell, Makita, Metabo, Peugot, Ryobi, Skil
SIPP-8275511	82.7 x 5.5 x 1.1	Black & Decker
SIPP-925511	92 x 5.5 x 1.1	AEG, Hitachi, Ryobi
SIPP-1025511	102 x 5.5 x 1.1	AEG



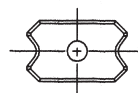
Standard Reversible Insert Knives

Part Number Description (L x W x T)

Scraper Knives 6 degree

SIS-2012202	20 x 12 x 2.0 R-2
SIS-2012203	20 x 12 x 2.0 R-3
SIS-2012204	20 x 12 x 2.0 R-4
SIS-2012205	20 x 12 x 2.0 R-5

SIS-2012202



Triangle Spur Knives

SITS-221920	22 x 19 x 2.0
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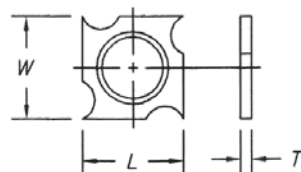
SITS-221920



Spur/Grooving Knives

SISG-141420-2	14 x 14 x 20	2mm Radius
SISG-1818195	18 x 18 x 1.95	
SISG-1818245	18 x 18 x 2.45	
SISG-1818295	18 x 18 x 2.95	
SISG-1818370	18 x 18 x 3.70	

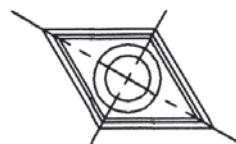
SISG-1818195



Spur/Grooving Knives

SISG-142820	14 x 28 x 2.0	30 Degree
SISG-161630	16 x 16 x 3.0	32 Degree

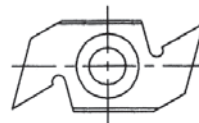
SISG-142820



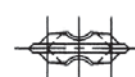
Spur/Grooving Knives

SISG-341640	34 x 16 x 4.0	
SISG-341650	34 x 16 x 5.0	
SISG-341660	34 x 16 x 6.0	
SISG-341670	34 x 16 x 7.0	

SISG-341640



SISP-185735

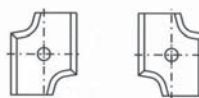


Radius Knives

SI-301402LH	30 x 14 x 2 LH	3mm Radius LH
SI-301402RH	30 x 14 x 2 RH	3mm Radius RH

SI-301402LH

SI-301402RH



V Groove Knives

SI-3951215V	39.5 x 12 x 1.5 V
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SI-3951215V



Standard Reversible Insert Knives

Leitz Systems "BG - TEST"

Part Number Description (L x W x T)



Leitz Systems "BG - TEST"

SI-152380-210 15 x 23 x 8 (21/0-45°)

SI-152380-210

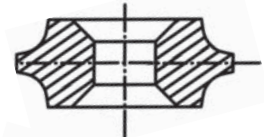
SI-152390-220 15 x 23 x 9 (22/0 R3)

SI-152390-220

SI-152373-223 15 x 23 x 7.3 (22/3 R2)

SI-152370-224 15 x 23 x 7.0 (22/4 R1.5)

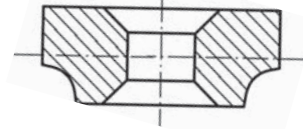
SI-152390-225 15 x 23 x 9.0 (22/5 R3F)



SI-152390-221

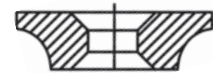
SI-152390-221 15 x 23 x 9.0 (22/1 R3)

SI-1525773-240 15 x 25.7 x 7.3 (24/0 R5)



SI-1525773-241

SI-1525773-241 15 x 25.7 x 7.3 (24/1 R5)



Quadromat, IMA, MFA

SIR-121802-2LH 12 x 18 x 2mm Radius LH - Quadromat

SIR-121802-2RH 12 x 18 x 2mm Radius RH - Quadromat

SIR-121802-3LH 12 x 18 x 3mm Radius LH - Quadromat

SIR-121802-3RH 12 x 18 x 3mm Radius RH - Quadromat

SIR-121802-2LH-MFA 12 x 18 x 2mm Radius LH - MFA

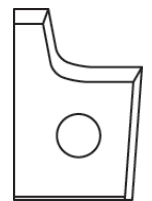
SIR-121802-2RH-MFA 12 x 18 x 2mm Radius RH - MFA

SIR-121802-3LH-MFA 12 x 18 x 3mm Radius LH - MFA

SIR-121802-3RH-MFA 12 x 18 x 3mm Radius LH - MFA



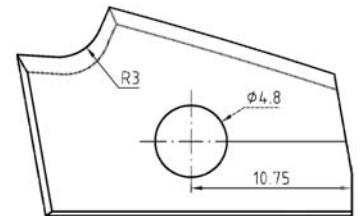
SIR-121802-LH



SIR-121802-RH

SIR-14223-3LH 14 x 22.3 x 3mm Radius - LH

SIR-14223-3RH 14 x 22.3 x 3mm Radius - RH



SIR-14223-3RH

Spiral Plus Molder Heads

AIRCRAFT GRADE ALUMINUM BODY

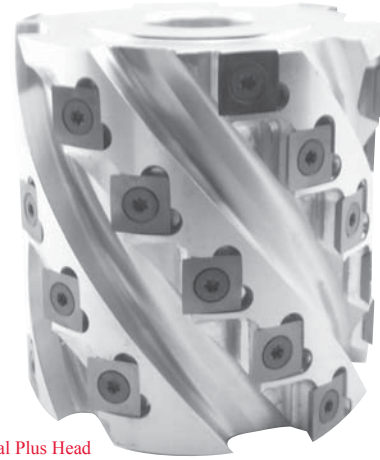
Part Number	Cutting Diameter	Cutting Length	Bore	Wings
SESPM-54-416	5"	4"	All	4
SESPM-56-420	5"	6"	All	4
SESPM-59-448	5"	9"	All	4
SESPM-54-624	5"	4"	All	6
SESPM-56-630	5"	6"	All	6
SESPM-59-660	5"	9"	All	6
SESPM-64-416	6"	4"	All	4
SESPM-66-420	6"	6"	All	4
SESPM-69-448	6"	9"	All	4
SESPM-64-624	6"	4"	All	6
SESPM-66-630	6"	6"	All	6
SESPM-69-660	6"	9"	All	6

1 13/16" is the most common bore.

SPIRAL PLUS PROFILE SHAPER HEADS

Part Number	Cutting Diameter	Cutting Length	Bore	Wings
SESP-44-416	4"	4"	1 1/4"	4
SESP-45-420	4"	5"	1 1/4"	4
SESP-46-424	4"	6"	1 1/4"	4
SESP-44-624	4"	4"	1 1/4"	6
SESP-45-630	4"	5"	1 1/4"	6
SESP-46-636	4"	6"	1 1/4"	6

RB41250 4" Diameter Rub Bearing



Spiral Plus Head

REPLACEMENT PARTS

Part Number	Description
SI-151525	Replacement Insert 15 x 15 x 2.5 (pack of 10)
SIS-Screw	Replacement Screw

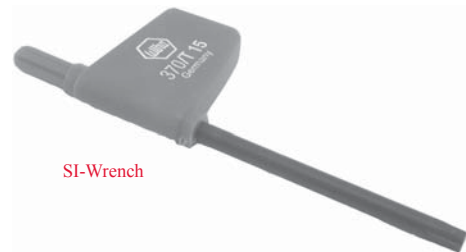
COMPONENT PARTS FOR INSERT TOOLING

Part Number	Description	Pack	Sides
Inserts			
SI-301215	30 x 12 x 1.5	10	2 sided
SI-401215	40 x 12 x 1.5	10	2 sided
SI-501215	50 x 12 x 1.5	10	2 sided

For End Cutting			
SI-121215	12 x 12 x 1.5	10	4 sided
SI-2951215	29.5 x 12 x 1.5	10	4 sided
SI-3951215	39.5 x 12 x 1.5	10	4 sided
SI-4951215	49.5 x 12 x 1.5	10	4 sided

Wrenches			
SE-T8	T8 x 60 Torx Wrench	1	
SI-Wrench	T15 Flag Style	1	
SI-1580 Wrench	T15 Torx Wrench	1	
SI-25100Wrench	T25 x 100 Torx Wrench	1	

Screws			
SICS-Screw	Torx Screw	4	
SI4-Screw	Torx Screw	4	
SI35-Screw	Torx Screw	4	
SEI-Screw	Torx Screw for SEIS1	EA	
SIGSH-Screw	Torx Screw for Insert Heads		
SICS-Screw	Torx Screw for Insert Bits	EA	
SI-Screw10-32x6	Screws fro SECS143IR	EA	
SI-Screw10-32x9	Screws for Bolt in Inserts	EA	



SI-Wrench



SI-1580 Wrench

High-Speed Steel (HSS 60-16) Molder Bars

CORRUGATED BACK • 25" LONG

BEVEL BOTTOM

5/16" Thick

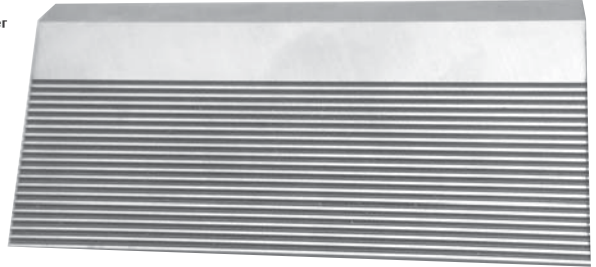
HSS M2 Part Number	W x T x L Description
SEM2-1250-516	1-1/4" x 5/16" x 25"
SEM2-1500-516	1-1/2" x 5/16" x 25"
SEM2-1750-516	1-3/4" x 5/16" x 25"
SEM2-2000-516	2" x 5/16" x 25"
SEM2-2250-516	2-1/4" x 5/16" x 25"
SEM2-2500-516	2-1/2" x 5/16" x 25"
SEM2-2750-516	2-3/4" x 5/16" x 25"
SEM2-3000-516	3" x 5/16" x 25"

1/4" Thick

HSS M2 Part Number	W x T x L Description
SEM2-1250-14	1-1/4" x 1/4" x 25"
SEM2-1500-14	1-1/2" x 1/4" x 25"
SEM2-1750-14	1-3/4" x 1/4" x 25"
SEM2-2000-14	2" x 1/4" x 25"
SEM2-2250-14	2-1/4" x 1/4" x 25"
SEM2-2500-14	2-1/2" x 1/4" x 25"



with chamfer



with flat bottom

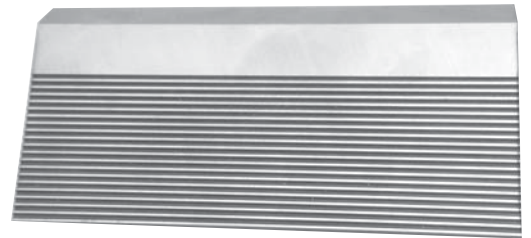
FLAT BOTTOM

5/16" Thick

HSS M2 Part Number	W x T x L Description
SEM2C-516-1250	1-1/4" x 5/16" x 25"
SEM2C-516-1500	1-1/2" x 5/16" x 25"
SEM2C-516-1750	1-3/4" x 5/16" x 25"
SEM2C-516-2000	2" x 5/16" x 25"
SEM2C-516-2250	2-1/4" x 5/16" x 25"
SEM2C-516-2500	2-1/2" x 5/16" x 25"
SEM2C-516-2750	2-3/4" x 5/16" x 25"
SEM2C-516-3000	3" x 5/16" x 25"

1/4" Thick

HSS M2 Part Number	W x T x L Description
SEM2C-14-1250	1-1/4" x 1/4" x 25"
SEM2C-14-1500	1-1/2" x 1/4" x 25"
SEM2C-14-1750	1-3/4" x 1/4" x 25"
SEM2C-14-2000	2" x 1/4" x 25"
SEM2C-14-2250	2-1/4" x 1/4" x 25"
SEM2C-14-2500	2-1/2" x 1/4" x 25"



WILLIAM & HUSSEY™

HSS M2 Part Number	W x T x L	Description
SEWH-316-2000	2" x 3/16" x 25"	Smooth
SEWH-316-2000C	2" x 3/16" x 25"	60° Corrugated
SEWH-14-2000	2" x 1/4" x 25"	Smooth
SEWH-14-2000C	2" x 1/4" x 25"	60° Corrugated
SEWH-14-2250	2-1/4" x 1/4" x 25"	Smooth
SEWH-14-2250C	2-1/4" x 1/4" x 25"	60° Corrugated
SEWH-14-2500	2-1/2" x 1/4" x 25"	Smooth
SEWH-14-2500C	2-1/2" x 1/4" x 25"	60° Corrugated



Corrugated Back Molder Heads



Molder Head

12° or 20° Hook

4" or 100mm DIAMETER x 1 1/4" BORE x 2 KNIFE (Specify Hook)

Part Number	Description
SEMH422ST	2" CL
SEMH424ST	4" CL
SEMH426ST	6" CL

4" or 100mm DIAMETER x 1 1/4" BORE x 4 KNIFE (Specify Hook)

Part Number	Description
SEMH442ST	2" CL
SEMH444ST	4" CL
SEMH446ST	6" CL

5" or 137mm DIAMETER x 1 1/2" or 44mm BORE x 4 KNIFE (Specify Hook)

Part Number	Description
SEMH542ST	2" CL
SEMH544ST	4" CL
SEMH546ST	6" CL
SEMH549ST	9" CL

150mm DIAMETER x 1 13/16" or 50mm BORE x 4 KNIFE (Specify Hook)

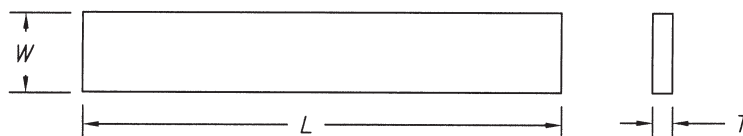
Part Number	Description
SEMH642ST	2" CL
SEMH644ST	4" CL
SEMH646ST	6" CL
SEMH649ST	9" CL

150mm DIAMETER x 1 13/16", 2 1/8" or 50mm Bore x 6 KNIFE (Specify Hook)

Part Number	Description
SEMH662ST	2" CL
SEMH664ST	4" CL
SEMH666ST	6" CL
SEMH669ST	9" CL

*Many sizes also available with Hydro Bore
Self-Centering Sleeves Quoted on Request*

STB Carbide Strips



Tolerances
 Length ± 0.080
 Width ± 0.020
 Thickness ± 0.004

Please Specify Grade

Grade #

HC25

C2

MG18

C3

STB Strips

Part Number	Thickness	Width	Length
STB310	3/32" (0.093")	5/16" (0.312")	6"
STB312	3/32" (0.093")	3/8" (0.375")	6"
STB316	3/32" (0.093")	1/2" (0.500")	6"
STB320	3/32" (0.093")	5/8" (0.625")	6"
STB324	3/32" (0.093")	3/4" (0.750")	6"
STB328	3/32" (0.093")	7/8" (0.875")	6"
STB332	3/32" (0.093")	1" (1.000")	6"
STB336	3/32" (0.093")	1-1/8" (1.125")	6"
STB340	3/32" (0.093")	1-1/4" (1.250")	6"
STB344	3/32" (0.093")	1-3/8" (1.375")	6"
STB348	3/32" (0.093")	1-1/2" (1.500")	6"
STB410	1/8" (0.125")	5/16" (0.312")	6"
STB412	1/8" (0.125")	3/8" (0.375")	6"
STB416	1/8" (0.125")	1/2" (0.500")	6"
STB420	1/8" (0.125")	5/8" (0.625")	6"
STB424	1/8" (0.125")	3/4" (0.750")	6"
STB428	1/8" (0.125")	7/8" (0.875")	6"
STB432	1/8" (0.125")	1" (1.000")	6"
STB436	1/8" (0.125")	1-1/8" (1.125")	6"
STB440	1/8" (0.125")	1-1/4" (1.250")	6"
STB444	1/8" (0.125")	1-3/8" (1.375")	6"
STB448	1/8" (0.125")	1-1/2" (1.500")	6"
STB510	5/32" (0.156")	5/16" (0.312")	6"
STB512	5/32" (0.156")	3/8" (0.375")	6"
STB516	5/32" (0.156")	1/2" (0.500")	6"
STB520	5/32" (0.156")	5/8" (0.625")	6"
STB524	5/32" (0.156")	3/4" (0.750")	6"
STB528	5/32" (0.156")	7/8" (0.875")	6"
STB532	5/32" (0.156")	1" (1.000")	6"
STB536	5/32" (0.156")	1-1/8" (1.125")	6"
STB540	5/32" (0.156")	1-1/4" (1.250")	6"
STB544	5/32" (0.156")	1-3/8" (1.375")	6"
STB548	5/32" (0.156")	1-1/2" (1.500")	6"
STB610	3/16" (0.187")	5/16" (0.312")	6"
STB612	3/16" (0.187")	3/8" (0.375")	6"
STB616	3/16" (0.187")	1/2" (0.500")	6"
STB620	3/16" (0.187")	5/8" (0.625")	6"
STB624	3/16" (0.187")	3/4" (0.750")	6"
STB628	3/16" (0.187")	7/8" (0.875")	6"
STB632	3/16" (0.187")	1" (1.000")	6"
STB636	3/16" (0.187")	1-1/8" (1.125")	6"
STB640	3/16" (0.187")	1-1/4" (1.250")	6"
STB644	3/16" (0.187")	1-3/8" (1.375")	6"
STB648	3/16" (0.187")	1-1/2" (1.500")	6"

Carbide Saw Tips

Sold in Packs of 100 Pieces

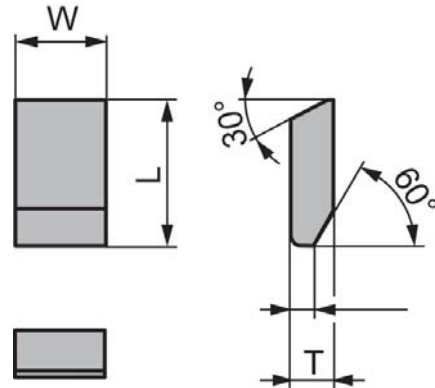
WBC

Style	Length	Width	Thickness	a	B	Y
7085	0.281	0.085	0.078	30	0	60
7100	0.281	0.100	0.078	30	0	60
7120	0.281	0.120	0.078	30	0	60
7135	0.281	0.135	0.078	30	0	60
7150	0.281	0.150	0.078	30	0	60
7165	0.281	0.165	0.078	30	0	60
7180	0.281	0.180	0.078	30	0	60
7195	0.281	0.195	0.078	30	0	60

Tips are Pretinned Couple Day Delivery
Braze Tips also available

WDC

7100	0.312	0.100	0.093	30	0	60
7105	0.312	0.105	0.093	30	0	60
7110	0.312	0.110	0.093	30	0	60
7115	0.312	0.115	0.093	30	0	60
7120	0.312	0.120	0.093	30	0	60
7125	0.312	0.125	0.093	30	0	60
7130	0.312	0.130	0.093	30	0	60
7135	0.312	0.135	0.093	30	0	60
7140	0.312	0.140	0.093	30	0	60
7150	0.312	0.150	0.093	30	0	60
7155	0.312	0.155	0.093	30	0	60
7160	0.312	0.160	0.093	30	0	60
7165	0.312	0.165	0.093	30	0	60
7170	0.312	0.170	0.093	30	0	60
7175	0.312	0.175	0.093	30	0	60
7180	0.312	0.180	0.093	30	0	60
7185	0.312	0.185	0.093	30	0	60
7190	0.312	0.190	0.093	30	0	60
7200	0.312	0.200	0.093	30	0	60
7210	0.312	0.210	0.093	30	0	60
7215	0.312	0.215	0.093	30	0	60
7220	0.312	0.220	0.093	30	0	60
7230	0.312	0.230	0.093	30	0	60
7250	0.312	0.250	0.093	30	0	60
7280	0.312	0.280	0.093	30	0	60
7281	0.312	0.281	0.093	30	0	60
7312	0.312	0.312	0.093	30	0	60



WEC

7110	0.375	0.110	0.093	30	0	60
7120	0.375	0.120	0.093	30	0	60
7130	0.375	0.130	0.093	30	0	60
7135	0.375	0.135	0.093	30	0	60
7140	0.375	0.140	0.093	30	0	60
7150	0.375	0.150	0.093	30	0	60
7165	0.375	0.165	0.093	30	0	60
7170	0.375	0.170	0.093	30	0	60
7175	0.372	0.175	0.093	30	0	60
7180	0.372	0.180	0.093	30	0	60
7185	0.375	0.185	0.093	30	0	60
7190	0.375	0.190	0.093	30	0	60
7200	0.375	0.200	0.093	30	0	60
7205	0.375	0.205	0.093	30	0	60
7210	0.375	0.210	0.093	30	0	60

7215	0.375	0.215	0.093	30	0	60
7220	0.375	0.220	0.093	30	0	60
7225	0.375	0.225	0.093	30	0	60
7230	0.375	0.230	0.093	30	0	60
7240	0.375	0.240	0.093	30	0	60
7250	0.375	0.250	0.093	30	0	60
7260	0.375	0.260	0.093	30	0	60
7265	0.375	0.265	0.093	30	0	60
7280	0.375	0.280	0.093	30	0	60
7281	0.375	0.281	0.093	30	0	60
7300	0.375	0.300	0.093	30	0	60
7312	0.375	0.312	0.093	30	0	60
7375	0.375	0.375	0.093	30	0	60
7400	0.375	0.400	0.093	30	0	60

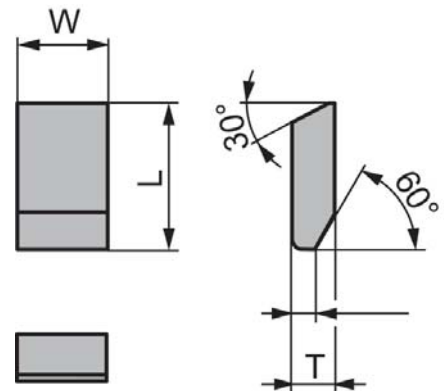
Continued on the right column

Sold in Packs of 100 Pieces

WFC

Style	Length	Width	Thickness	a	B	Y
7110	0.500	0.110	0.125	35	0	70
7115	0.500	0.115	0.125	35	0	70
7120	0.500	0.120	0.125	35	0	70
7125	0.500	0.125	0.125	35	0	70
7130	0.500	0.130	0.125	35	0	70
7135	0.500	0.135	0.125	35	0	70
7140	0.500	0.140	0.125	35	0	70
7145	0.500	0.145	0.125	35	0	70
7150	0.500	0.150	0.125	35	0	70
7155	0.500	0.155	0.125	35	0	70
7160	0.500	0.160	0.125	35	0	70
7165	0.500	0.165	0.125	35	0	70
7170	0.500	0.170	0.125	35	0	70
7175	0.500	0.175	0.125	35	0	70
7180	0.500	0.180	0.125	35	0	70
7185	0.500	0.185	0.125	35	0	70
7190	0.500	0.190	0.125	35	0	70
7195	0.500	0.195	0.125	35	0	70
7200	0.500	0.200	0.125	35	0	70
7205	0.500	0.205	0.125	35	0	70
7210	0.500	0.210	0.125	35	0	70
7215	0.500	0.215	0.125	35	0	70
7220	0.500	0.220	0.125	35	0	70
7230	0.500	0.230	0.125	35	0	70
7235	0.500	0.235	0.125	35	0	70
7240	0.500	0.240	0.125	35	0	70
7250	0.500	0.250	0.125	35	0	70
7256	0.500	0.256	0.125	35	0	70
7260	0.500	0.260	0.125	35	0	70
7265	0.500	0.265	0.125	35	0	70
7270	0.500	0.270	0.125	35	0	70
7275	0.500	0.275	0.125	35	0	70
7280	0.500	0.280	0.125	35	0	70
7285	0.500	0.285	0.125	35	0	70
7290	0.500	0.290	0.125	35	0	70
7300	0.500	0.300	0.125	35	0	70
7310	0.500	0.310	0.125	35	0	70
7312	0.500	0.312	0.125	35	0	70
7330	0.500	0.330	0.125	35	0	70
7335	0.500	0.335	0.125	35	0	70
7340	0.500	0.340	0.125	35	0	70
7350	0.500	0.350	0.125	35	0	70
7375	0.500	0.375	0.125	35	0	70
7400	0.500	0.400	0.125	35	0	70
7430	0.500	0.430	0.125	35	0	70
7437	0.500	0.437	0.125	35	0	70
7500	0.500	0.500	0.125	35	0	70
7562	0.500	0.562	0.125	35	0	70
7625	0.500	0.625	0.125	35	0	70
7687	0.500	0.687	0.125	35	0	70
7750	0.500	0.750	0.125	35	0	70

Tips are Pretinned Couple Day Delivery
Braze Tips also available



Sold in Packs of 100 Pieces

WGC

Style	Length	Width	Thickness	a	B	Y	Style	Length	Width	Thickness	a	B	Y
7090	0.375	0.090	0.125	30	0	60	7215	0.375	0.215	0.125	30	0	60
7100	0.375	0.100	0.125	30	0	60	7220	0.375	0.220	0.125	30	0	60
7105	0.375	0.105	0.125	30	0	60	7225	0.375	0.225	0.125	30	0	60
7110	0.375	0.110	0.125	30	0	60	7228	0.375	0.228	0.125	30	0	60
7115	0.375	0.115	0.125	30	0	60	7230	0.375	0.230	0.125	30	0	60
7120	0.375	0.120	0.125	30	0	60	7240	0.375	0.240	0.125	30	0	60
7125	0.375	0.125	0.125	30	0	60	7250	0.375	0.250	0.125	30	0	60
7130	0.375	0.130	0.125	30	0	60	7256	0.375	0.256	0.125	30	0	60
7135	0.375	0.135	0.125	30	0	60	7260	0.375	0.260	0.125	30	0	60
7140	0.375	0.140	0.125	30	0	60	7265	0.375	0.265	0.125	30	0	60
7145	0.375	0.145	0.125	30	0	60	7270	0.375	0.270	0.125	30	0	60
7150	0.375	0.150	0.125	30	0	60	7275	0.375	0.275	0.125	30	0	60
7155	0.375	0.155	0.125	30	0	60	7280	0.375	0.280	0.125	30	0	60
7160	0.375	0.160	0.125	30	0	60	7300	0.375	0.300	0.125	30	0	60
7165	0.375	0.165	0.125	30	0	60	7310	0.375	0.310	0.125	30	0	60
7170	0.375	0.170	0.125	30	0	60	7312	0.375	0.375	0.125	30	0	60
7175	0.375	0.175	0.125	30	0	60	7320	0.375	0.320	0.125	30	0	60
7180	0.375	0.180	0.125	30	0	60	7335	0.375	0.335	0.125	30	0	60
7185	0.375	0.185	0.125	30	0	60	7350	0.375	0.350	0.125	30	0	60
7190	0.375	0.190	0.125	30	0	60	7400	0.375	0.400	0.125	30	0	60
7195	0.375	0.195	0.125	30	0	60	7500	0.375	0.500	0.125	30	0	60
7200	0.375	0.200	0.125	30	0	60	7550	0.375	0.550	0.125	30	0	60
7210	0.375	0.210	0.125	30	0	60							

Continued on right column

WHC

7120	0.344	0.120	0.125	30	0	60	7215	0.344	0.215	0.125	30	0	60
7135	0.344	0.135	0.125	30	0	60	7230	0.344	0.230	0.125	30	0	60
7150	0.344	0.150	0.125	30	0	60	7250	0.344	0.250	0.125	30	0	60
7165	0.344	0.165	0.125	30	0	60	7265	0.344	0.265	0.125	30	0	60
7200	0.344	0.200	0.125	30	0	60	7280	0.344	0.280	0.125	30	0	60

WQC

7230	0.375	0.230	0.156	30	0	60
7250	0.375	0.250	0.156	30	0	60
7300	0.375	0.300	0.156	30	0	60
7400	0.375	0.400	0.156	30	0	60
7530	0.375	0.530	0.156	30	0	60
7625	0.375	0.625	0.156	30	0	60

WXC

7095	.437	0.095	.125	30	0	70	7140	.437	0.140	.125	30	0	70
7100	.437	0.100	.125	30	0	70	7150	.437	0.150	.125	30	0	70
7105	.437	0.105	.125	30	0	70	7155	.437	0.155	.125	30	0	70
7110	.437	0.110	.125	30	0	70	7160	.437	0.160	.125	30	0	70
7115	.437	0.115	.125	30	0	70	7165	.437	0.165	.125	30	0	70
7120	.437	0.120	.125	30	0	70	7170	.437	0.170	.125	30	0	70
7125	.437	0.125	.125	30	0	70	7175	.437	0.175	.125	30	0	70
7130	.437	0.130	.125	30	0	70	7180	.437	0.180	.125	30	0	70
7135	.437	0.135	.125	30	0	70	7190	.437	0.190	.125	30	0	70
							7195	.437	0.195	.125	30	0	70

Continued on right column

WDC Right

7165	0.312	0.165	0.093	30	0	60
7185	0.312	0.185	0.093	30	0	60
7200	0.312	0.200	0.093	30	0	60
7215	0.312	0.215	0.093	30	0	60
7250	0.312	0.250	0.093	30	0	60

WDC Left

7165	0.312	0.165	0.093	30	0	60
7185	0.312	0.185	0.093	30	0	60
7200	0.312	0.200	0.093	30	0	60
7215	0.312	0.215	0.093	30	0	60
7250	0.312	0.250	0.093	30	0	60



CW Right Style



CW Left Style

Carbide Saw Tips

Sold in Packs of 100 Pieces

WGC Left

Style	Length	Width	Thickness	a	B	Y
7230	0.375	0.230	0.125	30	0	60
7250	0.375	0.250	0.125	30	0	60
7265	0.375	0.265	0.125	30	0	60
7270	0.375	0.270	0.125	30	0	60

WA

7085	0.250	0.085	0.062	30	0	0
7091	0.250	0.091	0.062	30	0	0
7105	0.250	0.105	0.062	30	0	0
7110	0.250	0.110	0.062	30	0	0
7115	0.250	0.115	0.062	30	0	0
7130	0.250	0.130	0.062	30	0	0
7150	0.250	0.150	0.062	30	0	0
7160	0.250	0.160	0.062	30	0	0
7180	0.250	0.180	0.062	30	0	0
7200	0.250	0.200	0.062	30	0	0
7215	0.250	0.215	0.062	30	0	0

WB

7100	0.281	0.100	0.078	30	0	0
7119	0.281	0.119	0.078	30	0	0
7120	0.281	0.120	0.078	30	0	0
7135	0.281	0.135	0.078	30	0	0
7150	0.281	0.150	0.078	30	0	0
7165	0.281	0.165	0.078	30	0	0
7180	0.281	0.180	0.078	30	0	0
7195	0.281	0.195	0.078	30	0	0
7215	0.281	0.215	0.078	30	0	0

WC

7100	0.281	0.100	0.093	30	0	0
7135	0.281	0.135	0.093	30	0	0
7150	0.281	0.150	0.093	30	0	0
7165	0.281	0.165	0.093	30	0	0
7185	0.281	0.185	0.093	30	0	0

WD

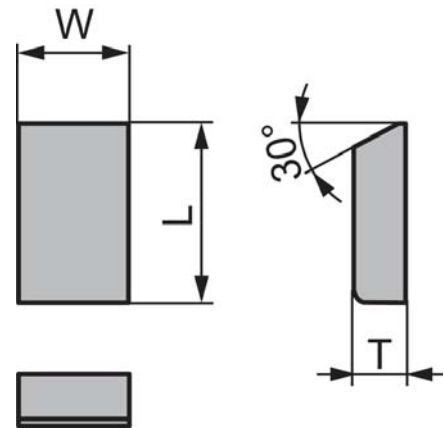
7115	0.312	0.115	0.93	30	0	0
7120	0.312	0.120	0.93	30	0	0
7135	0.312	0.135	0.93	30	0	0
7140	0.312	0.140	0.93	30	0	0
7150	0.312	0.150	0.93	30	0	0
7165	0.312	0.165	0.93	30	0	0
7170	0.312	0.170	0.93	30	0	0
7175	0.312	0.175	0.93	30	0	0
7180	0.312	0.180	0.93	30	0	0
7185	0.312	0.185	0.93	30	0	0
7200	0.312	0.200	0.93	30	0	0
7215	0.312	0.215	0.93	30	0	0
7230	0.312	0.230	0.93	30	0	0
7240	0.312	0.240	0.93	30	0	0
7250	0.312	0.250	0.93	30	0	0
7281	0.312	0.281	0.93	30	0	0
7312	0.312	0.312	0.93	30	0	0
7375	0.312	0.375	0.93	30	0	0

WGC Right

Style	Length	Width	Thickness	a	B	Y
7230	0.375	0.230	0.125	30	0	60
7250	0.375	0.250	0.125	30	0	60
7265	0.375	0.265	0.125	30	0	60
7270	0.375	0.270	0.125	30	0	60



Tips are Pretinned Couple Day Delivery
Braze Tips also available



To order chose style, then size, then surface, then grade.
Ex.: WGC-7220-TS90-CTOPP10

Carbide Saw Tips

WE

Style	Length	Width	Thickness	a	B	Y
7085	0.375	0.085	0.093	30	0	0
7135	0.375	0.135	0.093	30	0	0
7150	0.375	0.150	0.093	30	0	0
7165	0.375	0.165	0.093	30	0	0
7185	0.375	0.185	0.093	30	0	0
7200	0.375	0.200	0.093	30	0	0
7215	0.375	0.215	0.093	30	0	0
7225	0.375	0.225	0.093	30	0	0
7235	0.375	0.235	0.093	30	0	0
7250	0.375	0.250	0.093	30	0	0
7265	0.375	0.265	0.093	30	0	0
7281	0.375	0.281	0.093	30	0	0
7312	0.375	0.312	0.093	30	0	0
7350	0.375	0.350	0.093	30	0	0
7375	0.375	0.375	0.093	30	0	0
7400	0.375	0.400	0.093	30	0	0

Sold in Packs of 100 Pieces

Tips are Pretinned Couple Day Delivery
Brazed Tips also available



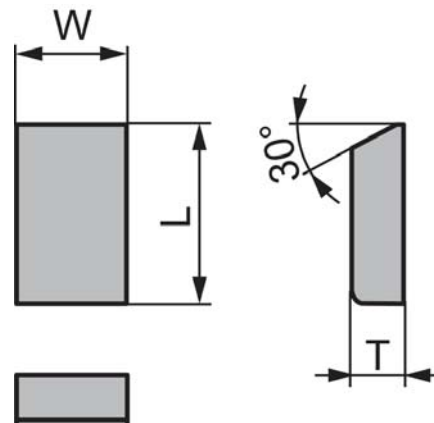
WF

Style	Length	Width	Thickness	a	B	Y
7120	0.500	0.120	0.125	35	0	0
7150	0.500	0.150	0.125	35	0	0
7160	0.500	0.160	0.125	35	0	0
7165	0.500	0.165	0.125	35	0	0
7170	0.500	0.170	0.125	35	0	0
7180	0.500	0.180	0.125	35	0	0
7190	0.500	0.190	0.125	35	0	0
7200	0.500	0.200	0.125	35	0	0
7210	0.500	0.210	0.125	35	0	0
7215	0.500	0.215	0.125	35	0	0
7220	0.500	0.220	0.125	35	0	0
7230	0.500	0.230	0.125	35	0	0
7240	0.500	0.240	0.125	35	0	0
7250	0.500	0.250	0.125	35	0	0
7260	0.500	0.260	0.125	35	0	0
7265	0.500	0.265	0.125	35	0	0
7270	0.500	0.270	0.125	35	0	0
7275	0.500	0.275	0.125	35	0	0
7280	0.500	0.280	0.125	35	0	0
7285	0.500	0.285	0.125	35	0	0
7290	0.500	0.290	0.125	35	0	0
7300	0.500	0.300	0.125	35	0	0
7310	0.500	0.310	0.125	35	0	0
7312	0.500	0.312	0.125	35	0	0
7320	0.500	0.320	0.125	35	0	0
7330	0.500	0.330	0.125	35	0	0
7350	0.500	0.350	0.125	35	0	0
7375	0.500	0.375	0.125	35	0	0
7400	0.500	0.400	0.125	35	0	0
7437	0.500	0.437	0.125	35	0	0
7500	0.500	0.500	0.125	35	0	0
7530	0.500	0.530	0.125	35	0	0
7562	0.500	0.562	0.125	35	0	0
7625	0.500	0.625	0.125	35	0	0
7750	0.500	0.750	0.125	35	0	0

Continued on right column

WG

Style	Length	Width	Thickness	a	B	Y
7150	0.375	0.150	0.125	30	0	0
7165	0.375	0.165	0.125	30	0	0
7180	0.375	0.180	0.125	30	0	0
7190	0.375	0.190	0.125	30	0	0
7197	0.375	0.197	0.125	30	0	0
7200	0.375	0.200	0.125	30	0	0
7215	0.375	0.215	0.125	30	0	0
7220	0.375	0.220	0.125	30	0	0
7230	0.375	0.230	0.125	30	0	0
7240	0.375	0.240	0.125	30	0	0
7250	0.375	0.250	0.125	30	0	0
7265	0.375	0.265	0.125	30	0	0
7275	0.375	0.275	0.125	30	0	0



Sold in Packs of 100 Pieces

WG

Style	Length	Width	Thickness	a	B	Y
7280	0.375	0.280	0.125	30	0	0
7300	0.375	0.300	0.125	30	0	0
7312	0.375	0.312	0.125	30	0	0
7335	0.375	0.335	0.125	30	0	0
7350	0.375	0.350	0.125	30	0	0
7375	0.375	0.375	0.125	30	0	0
7400	0.375	0.400	0.125	30	0	0
7437	0.375	0.437	0.125	30	0	0
7460	0.375	0.460	0.125	30	0	0
7500	0.375	0.500	0.125	30	0	0
7530	0.375	0.530	0.125	30	0	0
7560	0.375	0.560	0.125	30	0	0
7625	0.375	0.625	0.125	30	0	0
7687	0.375	0.687	0.125	30	0	0

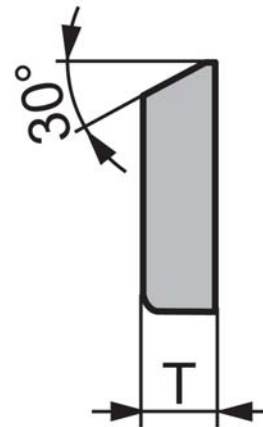
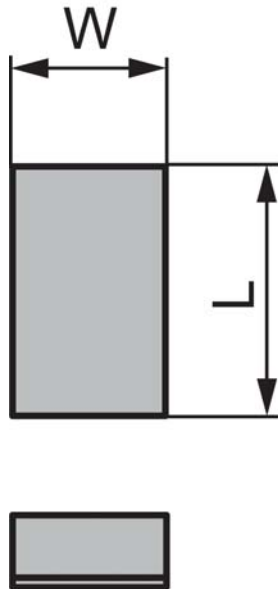
WQ

7200	0.375	0.200	0.156	30	0	0
7265	0.375	0.265	0.156	30	0	0
7300	0.375	0.300	0.156	30	0	0
7335	0.375	0.335	0.156	30	0	0
7375	0.375	0.375	0.156	30	0	0
7400	0.375	0.400	0.156	30	0	0
7460	0.375	0.460	0.156	30	0	0
7500	0.375	0.500	0.156	30	0	0

WH

7197	0.344	0.197	0.125	30	0	0
7215	0.344	0.215	0.125	30	0	0
7230	0.344	0.230	0.125	30	0	0
7236	0.344	0.236	0.125	30	0	0
7250	0.344	0.250	0.125	30	0	0

Tips are Pretinned Couple Day Delivery
Braze Tips also available



CERATIZIT Grade Code	ISO Code	US Code	Binder [m %]	Density [g/cm³]	-----Hardness-----			Tranverse Rupture Strength		Fracture Toughness (SEVNB) [MPa*m ^{1/2}]	
					HV10	HV30	HRA	[MPa]	[PSI]		
Ultrafine Grades											
KCR05+	N/A	N/A	3.0	15.25	2160	2115	94.5	2600	377000	6.8	
KCR05	K01	C4	2.76	15.20	2150	2110	94.4	2500	363000	6.0	
HE40	K40	N/A	20.0	13.15	1250	1240	88.8	3500	505000	12.1	
Submicron Grain											
KCR06+	N/A	N/A	3.0	15.30	2060	2020	94.0	2800	406000	7.5	
CTMPP03	N/A	N/A	3.0	15.30	1950	1910	93.6	2300	333000	N/A	
KCR06	N/A	N/A	3.0	15.30	1950	1910	93.6	2300	334000	8.5	
CTOPP10	N/A	N/A	10.0	14.45	1570	1550	91.6	3000	435000	N/A	
Fine Grain Grades											
KCR10	N/A	N/A	4.0	15.15	1780	1760	928	2800	406000	10.1	
HC10	K10	C3	5.6	15.00	1760	1730	92.7	2150	312000	9.2	
Coarse Grain											
GC32	K40	N/A	10.0	14.55	11.30	11.20	87.6	2600	377000	18.0	

Saw Tips for Wood Machining

Winter

Grade	Lifetime Performance
CTOPP10	
HC20	
HC10	
GC32	● ● ● ● ●

Summer/Winter Primary Wood

Grade	Lifetime Performance
CTOPP10	● ●
HC20	● ●
HC10	● ● ●
KCR10	● ● ● ● ●

Softwood

Grade	Lifetime Performance
CTOPP10	● ●
HC20	● ●
HC10	● ● ●
KCR10	● ● ● ● ●

Hardwood

Grade	Lifetime Performance
HC10	●
KCR10	● ●
CTMPP03	● ●
KCR06	● ● ●
KCR06+	● ● ● ● ●

Chipboard

Grade	Lifetime Performance
HC10	●
CTMPP03	● ●
KCR06	● ●
KCR06+	● ● ●
KCR05	● ● ●
KCR05+	● ● ● ● ●

MDF

Grade	Lifetime Performance
HC10	●
CTMPP03	● ●
KCR06	● ●
KCR06+	● ● ●
KCR05	● ● ●
KCR05+	● ● ● ● ●

HDF

Grade	Lifetime Performance
HC10	●
CTMPP03	● ●
KCR06	● ●
KCR06+	● ● ●
KCR05	● ● ●
KCR05+	● ● ● ● ●

Planer Knives

1/8" Thickness

PLANER & JOINTER KNIFE SETS

Length	Width	T-1 HSS Part #	Carbide Tipped Part #	Knives in Set	Fits Planer / Jointer
4"	5/8"	PK7000	PKC7001	3	Delta 4", Atlas, Boice Crane, Old Craftsman & Similar Jointers
6"	5/8"	PK7002	PKC7003	3	Old Delta 6", TTL, Boice Crane, Craftsman, Rockwell
6"	5/8"	PK7004	N/A	4	Boice Crane
6"	3/4"	PK7006	PKC7007	3	Powermatic 50
6"	1"	PK7008	PKC7009	3	Grizzly
6-1/16"	5/8"	PK7010	N/A	3	Powermatic, Jet JJ-6
6-1/16"	13/16"	PK7012	PKC7013	3	Delta DJ-15, 37-154 & Similar 6" Jointers
6-1/8"	5/8"	PK7016	N/A	3	Craftsman
6-1/8"	11/16"	PK7018	PKC7019	3	Jet
8"	5/8"	PK7020	PKC7021	3	Old Delta 8", TTL, Boice Crane, Rockwell, Most 8" Imports
8"	3/4"	PK7022	PKC7023	3	Jet JJ-8, Powermatic 60, Pryor
8"	3/4"	PK7024	PKC7025	4	Bridgewood
8"	7/8"	PK7026	PKC7027	3	Powermatic 50
8"	1"	PK7028	PKC7029	3	Grizzly
8-1/16"	5/8"	PK7032	N/A	3	Delta
8-1/16"	3/4"	PK7034	N/A	3	Sunhill Machinery
8-1/16"	13/16"	PK7036	PKC7037	3	Delta DJ-20 Jointer & Similar
12"	3/4"	PK7038	N/A	3	Grizzly
12"	7/8"	PK7040	PKC7041	3	Powermatic & Parks
12"	1"	PK7042	PKC7043	3	Craftsman
12"	1-1/4"	PK7044	PKC7045	3	Northfield
12-1/4"	3/4"	PK7046	N/A	3	Boice Crane, Reliant, Wilke
12-1/4"	7/8"	PK7048	PKC7049	3	Powermatic
12-1/4"	1"	PK7050	PKC7051	3	Most European Combo Machines
12-1/2"	5/8"	PK7052	N/A	3	Boice Crane
12-1/2"	11/16"	PK7054	PKC7055	3	RBI Model 812, Foley-Belsaw, Jet
12-1/2"	3/4"	PK7056	PKC7057	3	Jet, Grizzly, Wilke, Reliant, Most 12" Imports
13-1/16"	5/8"	PK7058	PKC7059	3	Jet
13-1/8"	1"	PK7060	PKC7061	3	Delta RC-33 & DC-33 13" Planer, Rockwell
15"	1"	PK7062	PKC7063	3	Delta DC-380, Grizzly, Reliant, Woodtch, TLL, Jet
15-1/16"	1"	PK7064	N/A	3	Delta 22-677
15-3/4"	1-3/16"	PK7066	PKC7067	4	SCMI
16"	1"	PK7068	N/A	3	Jet JWP16
16"	1-1/8"	PK7070	N/A	4	Bridgewood, Crescent, Grizzly
16"	1-1/4"	PK7072	PKC7073	3	Northfield
16-3/16"	1-3/16"	PK7076	PKC7076	4	SCMI
16-1/2"	11/16"	PK7078	PKC7079	4	RBI Model 816
18-1/2"	11/16"	PK7086	PKC7087	3	Woodmaster
20"	1"	PK7088	PKC7089	3	Grizzly, Northwood
20"	1"	PK7090	PKC7091	4	Parks, TLL 20", Jet 208, Northstate
20"	1-1/8"	PK7092	PKC7093	4	Delta 20 x 9
20"	1-3/16"	PK7094	PKC7095	4	Delta 20" Planer, Many Imports
20"	1-1/4"	PK7096	N/A	3	Woodtek
20-3/16"	1-3/16"	PK7098	PKC7099	4	Delta DC-580
20-3/16"	1-3/8"	PK7100	PKC7101	4	Delta RC-51
20-1/2"	1-3/16"	PK7104	PKC7105	4	SCMI
22-1/8"	1"	PK7106	N/A	4	Powermatic 201
24-1/8"	1-3/16"	PK7110	PKC7111	4	Grizzly
24-1/4"	1-1/8"	PK7112	PKC7113	3	Delta 22-470
24-1/4"	1-1/8"	PK7114	PKC7115	4	Crescent (Delta)
24-3/4"	1-1/8"	PK7116	PKC7117	3	Jet 24H
24-13/16"	1-3/8"	PK7118	PKC7119	4	Delta RC-63
25"	11/16"	PK7120	PKC7121	3	Woodmaster 725
25"	1-1/4"	PK7122	PKC7123	4	
25"	1-3/8"	PK7124	N/A	4	
25-3/16"	1-3/8"	PK7126	PKC7127	4	SCMI F630 & F535

Planer Knives

PLANER & JOINTER KNIFE SETS

3/32" Thickness		T-1 HSS	Carbide Tipped	Knives	
Length	Width	Part #	Part #	in Set	Fits Planer / Jointer
6-1/8"	5/8"	PK7014	N/A	3	Delta 37-190, Jointer
8-1/16"	5/8"	PK7030	N/A	3	Delta
5/32" Thickness					
16-1/4"	1-1/4"	PK7074	PKC7075	3	Powermatic
18"	1-1/4"	PK7080	PKC7081	3	Powermatic
18-1/8"	1-1/8"	PK7082	PKC7083	3	Rockwell, Delta
18-1/4"	1-1/4"	PK7084	PKC7085	3	Powermatic
20-1/4"	1-1/4"	PK7102	PKC7103	3	Powermatic
24"	1-1/4"	PK7108	PKC7109	4	Powermatic, Northfield

Metric sizes available upon request

Replacement Knives For System Terminus Heads



System Tersa



System Terminus



System Centerlock



System Centrofix

T-1 AVAILABLE UPON REQUEST, CALL FOR AVAILABILITY

SYSTEM TERMINUS PLANER HEAD KNIVES HIGH SPEED STEEL

HSS Part #	L mm	W mm	T mm
SE100348	50.0	14.0	2.55
SE100350	60.0	14.0	2.55
SE100349	80.0	14.0	2.55
SE100297	100.0	14.0	2.55
SE100351	110.0	14.0	2.55
SE100352	120.0	14.0	2.55
SE055461	130.0	14.0	2.55
SE114608	136.0	14.0	2.55
SE100353	140.0	14.0	2.55
SE100354	150.0	14.0	2.55
SE100355	160.0	14.0	2.55
SE100356	170.0	14.0	2.55
SE100357	180.0	14.0	2.55
SE100358	190.0	14.0	2.55
SE100359	200.0	14.0	2.55
SE100360	210.0	14.0	2.55
SE100361	220.0	14.0	2.55
SE055462	230.0	14.0	2.55
SE100362	240.0	14.0	2.55
SE100363	250.0	14.0	2.55
SE114621	255.0	14.0	2.55
SE100364	260.0	14.0	2.55
SE100365	270.0	14.0	2.55
SE114624	275.0	14.0	2.55
SE100366	280.0	14.0	2.55
SE100367	300.0	14.0	2.55
SE055468	310.0	14.0	2.55
SE114626	330.0	14.0	2.55
SE100368	350.0	14.0	2.55
SE100369	360.0	14.0	2.55
SE100370	400.0	14.0	2.55
SE055464	410.0	14.0	2.55
SE100371	420.0	14.0	2.55
SE100372	430.0	14.0	2.55
SE100373	450.0	14.0	2.55
SE100463	463.0	14.0	2.55
SE100550	480.0	14.0	2.55
SE114637	500.0	14.0	2.55
SE055465	510.0	14.0	2.55
SE100374	520.0	14.0	2.55
SE100375	530.0	14.0	2.55
SE055466	610.0	14.0	2.55
SE100376	620.0	14.0	2.55
SE100377	630.0	14.0	2.55
SE100378	640.0	14.0	2.55
SE055467	650.0	14.0	2.55
SE114646	710.0	14.0	2.55
SE114647	810.0	14.0	2.55
SE114648	1050.0	14.0	2.55

SYSTEM TERMINUS PLANER HEAD KNIVES SOLID CARBIDE

Carbide T10MG	L mm	W mm	T mm
SE100790	30.0	14.0	2.55
SE100796	50.0	14.0	2.55
SE100803	60.0	14.0	2.55
SE100804	80.0	14.0	2.55
SE100805	100.0	14.0	2.55
SE100806	110.0	14.0	2.55
SE100807	120.0	14.0	2.55
SE055496	130.0	14.0	2.55
SE107532	136.0	14.0	2.55
SE100808	140.0	14.0	2.55
SE100809	150.0	14.0	2.55
SE100811	160.0	14.0	2.55
SE100812	170.0	14.0	2.55
SE100813	180.0	14.0	2.55
SE100814	190.0	14.0	2.55
SE100815	200.0	14.0	2.55
SE100816	210.0	14.0	2.55
SE100817	220.0	14.0	2.55
SE054752	230.0	14.0	2.55
SE100818	240.0	14.0	2.55
SE100819	250.0	14.0	2.55
SE107533	255.0	14.0	2.55
SE100820	260.0	14.0	2.55
SE100821	270.0	14.0	2.55
SE107534	275.0	14.0	2.55
SE100822	280.0	14.0	2.55
SE100823	300.0	14.0	2.55
SE055497	310.0	14.0	2.55
SE107535	330.0	14.0	2.55
SE100824	350.0	14.0	2.55
SE100825	360.0	14.0	2.55
SE100826	400.0	14.0	2.55
SE055498	410.0	14.0	2.55
SE100828	420.0	14.0	2.55
SE100829	430.0	14.0	2.55
SE100830	450.0	14.0	2.55
SE100940	480.0	14.0	2.55
SE104977	500.0	14.0	2.55
SE055499	510.0	14.0	2.55
SE100831	520.0	14.0	2.55
SE100832	530.0	14.0	2.55
SE055500	610.0	14.0	2.55
SE100833	620.0	14.0	2.55
SE100834	630.0	14.0	2.55
SE100835	640.0	14.0	2.55
SE055501	650.0	14.0	2.55

Replacement Knives For Tersa™ Heads



Tersa™



Terminus™



Centerlock™
Also Available



Centrofix™
Also Available

TERSA™ KNIVES HAVE A 10.0MM WIDTH AND THICKNESS OF 2.3MM

REPLACEMENT KNIVES FOR TERSA™ PLANER HEADS

HSS M2 Part #	HSS M42 Part #	Carbide T10MG	Length
SE100395	SE114539	SE100847	60.0
SE107545	SE114540	SE104212	75.0
SE100396	SE114541	SE100848	80.0
SE107546	SE114542	SE104398	90.0
SE107547	SE114543	SE104211	95.0
SE100397	SE114544	SE055509	100.0
SE100398	SE114545	SE100849	110.0
SE100399	SE114547	SE100851	120.0
SE107548	SE114548	SE104022	125.0
SE100400	SE114549	SE055510	130.0
SE103821	SE114550	SE103823	135.0
SE104613	SE114551	SE104766	140.0
SE107549	SE114552	SE104210	145.0
SE100401	SE114553	SE100852	150.0
SE102716	SE114554	SE103943	160.0
SE100402	SE114555	SE100853	170.0
SE100403	SE114556	SE100854	180.0
SE102774	SE114557	SE105070	185.0
SE104808	SE114558	SE104399	190.0
SE104243	SE114559	SE105698	200.0
SE100404	SE114560	SE100855	210.0
SE104566	SE114561	SE104589	220.0
SE100405	SE114562	SE055511	230.0
SE101718	SE114563	SE103824	235.0
SE101720	SE114564	SE104043	240.0
SE100406	SE114565	SE100856	250.0
SE100407	SE114566	SE100857	260.0
SE104326	SE114567	SE104573	265.0
SE102982	SE114568	SE101673	270.0
SE100408	SE114569	SE100858	280.0
SE100409	SE114570	SE100859	300.0
SE100410	SE114571	SE055512	310.0
SE104686	N/A	N/A	315.0
SE104687	SE114572	SE107550	320.0
SE100411	SE114573	SE100861	330.0

REPLACEMENT KNIVES FOR TERSA™ PLANER HEADS

HSS M2 Part #	HSS M42 Part #	Carbide T10MG	Length
SE100412	SE114574	SE100862	350.0
SE100413	SE114575	SE100863	360.0
SE100414	SE114576	SE100864	400.0
SE100415	SE114577	SE055513	410.0
SE105267	SE114578	SE107551	415.0
SE100416	SE114579	SE100865	420.0
SE100417	SE114580	SE055514	430.0
SE100418	SE114581	SE100866	450.0
SE100419	SE114582	SE100867	500.0
SE100420	SE114583	SE055515	510.0
SE100421	SE114584	SE055516	520.0
SE100422	SE114585	SE100868	530.0
SE100423	SE114586	SE100869	540.0
SE103994	SE114587	SE104720	600.0
SE100424	SE114588	SE055517	610.0
N/A	N/A	SE055625	625.0
SE100425	SE114589	SE055518	630.0
SE100428	SE114590	SE102179	635.0
SE100426	SE114591	SE100870	640.0
SE100427	SE114592	SE055519	650.0
SE114119	SE114593	N/A	710.0
SE113435	SE114594	N/A	810.0
SE114599	SE114595	N/A	1050.0

REPLACEMENT KNIVES FOR TERSA™ PLANER HEADS

T1 Part #	Length
SE114520	410.0
SE114527	520.0

Replacement Knives For Centrolock™ and Centrofix™ Heads



Tersa™



Terminus™



Centrolock™
Also Available



Centrofix™
Also Available

REPLACEMENT KNIVES FOR WEINING HEADS- CENTROLOCK™-HSS

HSS Part #	L mm	W mm	T mm
SE100386	20.0	16.0	3.0
SE100387	60.0	16.0	3.0
SE100388	80.0	16.0	3.0
SE055469	100.0	16.0	3.0
SE055470	130.0	16.0	3.0
SE100389	150.0	16.0	3.0
SE055471	170.0	16.0	3.0
SE100390	180.0	16.0	3.0
SE055472	190.0	16.0	3.0
SE100391	210.0	16.0	3.0
SE100298	230.0	16.0	3.0
SE100392	235.0	16.0	3.0
SE055473	240.0	16.0	3.0
SE100343	260.0	16.0	3.0
SE055474	270.0	16.0	3.0
SE100393	310.0	16.0	3.0
SE055475	460.0	16.0	3.0
SE055476	650.0	16.0	3.0

REPLACEMENT KNIVES FOR CENTROFIX™-HSS

HSS Part #	L mm	W mm	T mm
SE055490	230.0	12.0	2.7
SE055491	410.0	12.0	2.7
SE055493	520.0	12.0	2.7
SE114786	640.0	12.0	2.7

REPLACEMENT KNIVES FOR WEINING HEADS-CENTROLOCK™-CARBIDE

Carbide TM10MG	L mm	W mm	T mm
SE100836	20.0	16.0	3.0
SE100837	60.0	16.0	3.0
SE100838	80.0	16.0	3.0
SE055502	100.0	16.0	3.0
SE055503	130.0	16.0	3.0
SE100839	150.0	16.0	3.0
SE055504	170.0	16.0	3.0
SE100840	180.0	16.0	3.0
SE100841	190.0	16.0	3.0
SE100842	210.0	16.0	3.0
SE054753	230.0	16.0	3.0
SE100844	235.0	16.0	3.0
SE055505	240.0	16.0	3.0
SE100845	260.0	16.0	3.0
SE055506	270.0	16.0	3.0
SE100846	310.0	16.0	3.0
SE055507	460.0	16.0	3.0
SE055508	650.0	16.0	3.0

REPLACEMENT KNIVES FOR CENTROFIX™-CARBIDE

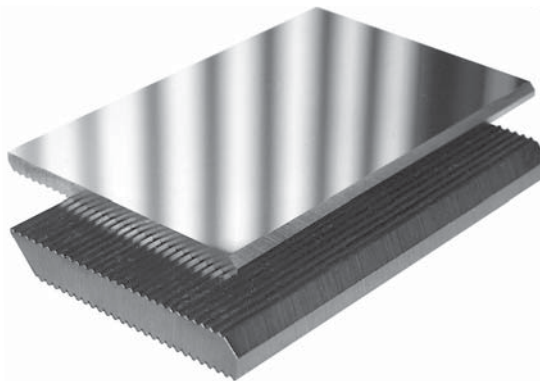
Carbide TM10MG	L mm	W mm	T mm
SE100881	120.0	12.0	2.7

Replacement Knives For SuperPac™

SUPERPAC™ KNIVES

BACKING PLATES

Part Number	L mm	W mm	T mm	Part Number	L mm	W mm	T mm	Backing Plate Part #
T10MG				T04F				
SE043933	40	38	3.2	SE024082	40	35	7.1	SE024090
SE043934	50	38	3.2	SE043924	50	35	7.1	SE043957
SE043935	60	38	3.2	SE024115	60	35	7.1	SE024123
SE043936	80	38	3.2	SE024148	80	35	7.1	SE024156
SE043937	100	38	3.2	SE023949	100	35	7.1	SE023957
SE043938	120	38	3.2	SE023982	120	35	7.1	SE023990
SE043939	130	38	3.2	SE024016	130	35	7.1	SE024024
SE043940	150	38	3.2	SE024049	150	35	7.1	SE024057
SE043962	170	38	3.2	SE043961	170	35	7.1	SE045837
SE043941	40	50	3.2	SE024093	40	47	7.1	SE024101
SE043942	50	50	3.2	SE043927	50	47	7.1	SE043958
SE043943	60	50	3.2	SE024126	60	47	7.1	SE024134
SE043944	80	50	3.2	SE024159	80	47	7.1	SE024167
SE043945	100	50	3.2	SE023960	100	47	7.1	SE023968
SE043946	120	50	3.2	SE023993	120	47	7.1	SE024001
SE043947	130	50	3.2	SE024027	130	47	7.1	SE024035
SE043948	150	50	3.2	SE024060	150	47	7.1	SE024068
SE043966	170	50	3.2	SE043965	170	47	7.1	SE045838
SE043949	40	60	3.2	SE024104	40	57	7.1	SE024112
SE043950	50	60	3.2	SE043931	50	57	7.1	SE043959
SE043951	60	60	3.2	SE024137	60	57	7.1	SE024145
SE043952	80	60	3.2	SE024170	80	57	7.1	SE024178
SE043953	100	60	3.2	SE023971	100	57	7.1	SE023979
SE043954	120	60	3.2	SE024004	120	57	7.1	SE024012
SE043955	130	60	3.2	SE024038	130	57	7.1	SE024046
SE043956	150	60	3.2	SE024071	150	57	7.1	SE024079
SE043970	170	60	3.2	SE043969	170	57	7.1	SE045839



Diamond Wheels



11V9 CUP WHEELS -

Cup Wheel

USED FOR FACING OR TOP AND SIDE GRINDING

Cincinnati #2 T&C, Deckel, Monosets, K.O. Lee, and Systimatic

Part Number	Wheel Diameter	Bore	Degree	Diamond Depth	Grit	Concentration
SE11V9-180	3 3/4"	1 1/4"	60°	1/8"	180	100
SE11V9-400	3 3/4"	1 1/4"	60°	1/16"	400	100

CNC Router Table Pods



Part Number	Description
SERTP110	1 3/4" D x 1" H
SERTP120	1 3/4" D x 1 1/2" H
SERTP130	1 3/4" D x 2" H
SERTP140	1 3/4" D x 2 1/2" H
SERTP150	1 3/4" D x 3" H
SERTP310	3" D x 1" H
SERTP320	3" D x 1 1/2" H
SERTP330	3" D x 2" H
SERTP340	3" D x 2 1/2" H
SERTP350	3" D x 3" H

Carbide-Tipped Saw Blades



Part Number	Diameter	Teeth	Kerf	Bore	Grind
SE972524	7 1/4"	24	.090	5/8"	ATB
SE9840ATB	8 1/4"	40	0.087	5/8"	ATB
SE9860ATB	8 1/4"	60	0.087	5/8"	ATB
SE9128ATB	10"	28	0.118	5/8"	ATB
SE9140ATB	10"	40	0.118	5/8"	ATB
SE9150	10"	50	0.118	5/8"	Combo
SE9160ATB	10"	60	0.118	5/8"	ATB
SE9160TCG	10"	60	0.118	5/8"	TCG
SE9180ATB	10"	80	0.118	5/8"	ATB
SE9240ATB	12"	40	0.118	1"	ATB
SE9260ATB	12"	60	0.118	1"	ATB
*SE9260TCGN	12"	60	0.118	1"	TCG
SE9280ATB	12"	80	0.118	1"	ATB
SE9296ATB	12"	96	0.118	1"	ATB

**Negative Hook*

Because of the vast resources of Southeast Tool, Inc., we can quote on almost any cutting tool you may need. This includes insert tooling and shaper cutters also. Please send a detail sketch or wood sample for a quotation. Specials are not subject to return or cancellation and are considered complete with 20% over or under quantity ordered.

Date_____Quote No._____

Company Name_____ **Contact**_____

Phone Number_____ **Fax Number**_____

Specifications:

1. Quantity_____ 2. Cutting Length/Kerf_____

3. Diameter_____ **4. Shank Size**_____

5. Radius/Angle_____ 6. Ball Bearing Required? YES NO circle one

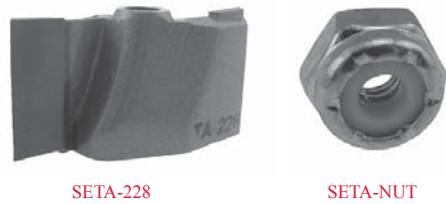
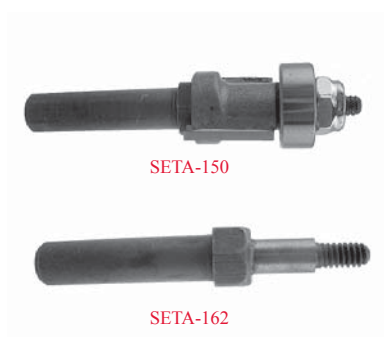
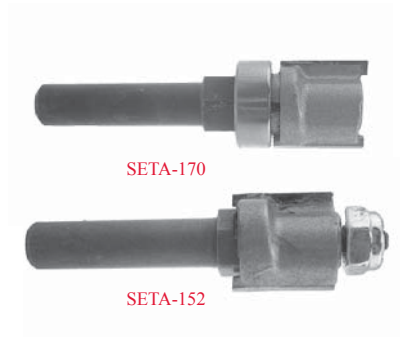
7. Rotation Right-hand Left Hand circle one 8. Number of Wings/
Flutes _____

9. Bore Size or Thread Size_____ **10. Type Material**_____

Please provide an actual size drawing or wood sample for an accurate quote. Also, please draw tool in relation to the wood sample.

Toll Free 877-465-7012 (order line)

Hot New Items



Part Number	Description	
SETA-150	Straight Flush Trim Assembly 1/4" Shank	Sold Each
SETA-151	10° Bevel Trim Assembly 1/4" Shank	Sold Each
SETA-152	Straight Cutter Assembly 1/4" Shank	Sold Each
SETA-156	Straight Slip on Cutters Only	Sold Pkg of 3
SETA-157	10° Bevel Cutters Only	Sold Pkg of 3
SETA-160	Arbors for SETA-150, 151 1/4" Shank	Sold Each
SETA-161	Arbor for SETA-152 1/4" Shank	Sold Each
SETA-162	Arbor for SETA-170 1/4" Shank	Sold Each
SETA-170	Template Bit Assembly 1/4" Shank	Sold Each
SETA-176	Straight Threaded Cutters Only	Sold Pkg of 3
SETA-228	Rabbit Bit Cutter Only	Sold Each
SETA-228K	Rabbit Bit Assembly 1/4" Shank	Sold Each
SETA-Nut	5/16 OD nuts for SETA-150, 151, 152, 228K	Sold Each

Pocket Hole Bits for Castle™ Machine

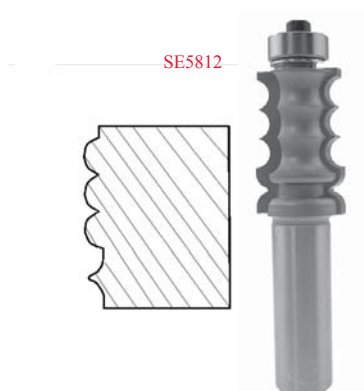


Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length	
SE29102-CAST	9/64"	1"	1/4"	2-1/2"	Drill - Package of 5
SECTDS38	3/8"	9/16"	3/8"	2-1/2"	Carbide Tipped
SRU320RUF	3/8"	7/8"	3/8"	2-1/2"	Solid Carbide



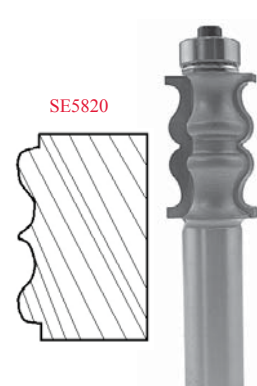
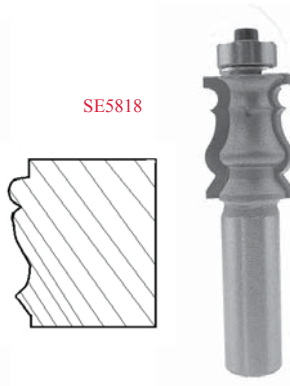
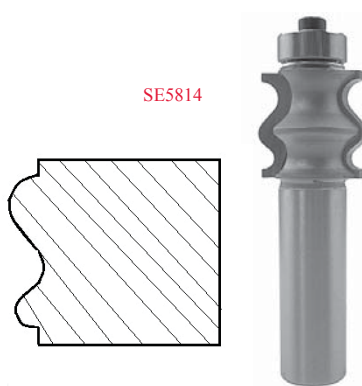
Hot New Items

Carbide-Tipped Picture Frame Bits



Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank Diameter
SE5502	3/4"	1-3/16"	2-7/8"	1/4"
SE5504	3/4"	3/4"	2-7/16"	1/4"
SE5506	3/4"	1-7/16"	3-1/8"	1/4"
SE5508	3/4"	1"	2-11/16"	1/4"
SE5510	3/4"	1-3/16"	2-13/16"	1/4"
SE5812	3/4"	1-3/16"	3-1/8"	1/2"
SE5814	3/4"	3/4"	2-11/16"	1/2"
SE5816	3/4"	1-7/16"	3-3/8"	1/2"
SE5818	3/4"	1"	2-15/16"	1/2"
SE5820	3/4"	1-3/16"	3-1/16"	1/2"

SBE115 Bearing



Carbide Tipped Euro Step Bits



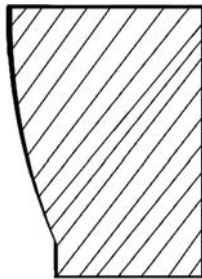
Part Number	Large Diameter	Small Diameter	Shank Diameter
SE751	1.000"	0.750"	1/2"
SE753	0.630"	0.500"	1/2"
SE755	0.650"	0.492"	1/2"
SE756	0.630"	0.484"	1/2"
SE757	0.800"	0.563"	1/2"
SE758	0.795"	0.480"	1/2"
SE759	0.638"	0.480"	1/2"

Hot New Items

Queen Anne Molding Bits

Part Number	Cut Diameter	Cut Length	Radius	Shank
SE3550	7/8"	15/16"	1-3/4"	1/2"
SE3555	1-1/2"	1-5/8"	2-1/2"	1/2"
SE3560	1-1/8"	1-3/8"	3"	1/2"

SE3550



SE3555



SE3560



Measuring Equipment



SE54-212-012

Part
Number
SE54-212-012
SE17906-2

Description
12" Height Gauge
Analog Axial Preset Gauge



SE17906-2

Decimal Equivalents

Diameter	Decimal	Diameter	Decimal	Diameter	Decimal	Diameter	Decimal
1/64"	.0156"	17/64"	.2656"	13.5mm	.5315"	20.5mm	.8071"
1/32"	.0312"	7mm	.2756"	35/64"	.5469"	13/16"	.8125"
1mm	.0394"	9/32"	.2812"	14mm	.5512"	21mm	.8268"
3/64"	.0469 "	7.5mm	.2953"	9/16"	.5625"	53/64"	.8281"
1.5mm	.0591"	19/64"	.2969"	14.5mm	.5709"	27/32"	.8438"
1/16"	.0625"	5/16"	.3125"	37/64"	.5781"	21.5mm	.8465"
5/64"	.0781"	8mm	.3150"	15mm	.5906"	55/64"	.8594"
2mm	.0787"	8.2mm	.3228"	19/32"	.5938"	22mm	.8661"
3/32"	.0938"	21/64"	.3281"	39/64"	.6094"	7/8"	.8750"
2.5mm	.0984"	11/32"	.3438"	15.5mm	.6102"	22.5mm	.8858"
7/64"	.1094"	9mm	.3543"	5/8"	.6250"	57/64"	.8906"
3mm	.1181"	23/64"	.3594"	16mm	.6299"	23mm	.9055"
1/8"	.1250"	9.5mm	.3740"	41/64"	.6406 "	29/32"	.9062"
3.5mm	.1378"	3/8"	.3750"	16.5mm	.6496"	23.5mm	.9252"
28	.1405"	25/64"	.3906"	21/32"	.6562"	15/16"	.9375"
9/64"	.1406"	10mm	.3937"	17mm	.6693"	24mm	.9449"
5/32"	.1562 "	13/32"	.4062"	43/64"	.6719"	61/64"	.9531"
4mm	.1575"	10.5mm	.4134"	11/16"	.6875"	24.5mm	.9646"
11/64"	.1719"	27/64"	.4219"	17.5mm	.6890"	31/32"	.9688"
4.5mm	.1772"	11mm	.4331"	45/64"	.7031"	25mm	.9843"
3/16"	.1875"	7/16"	.4375"	18mm	.7087"	63/64"	.9844"
5mm	.1969"	11.5mm	.4528 "	23/32"	.7188"	1"	1.0000"
5.1mm	.2008"	29/64 "	.4531"	18.5mm	.7283"	26mm	1.0236"
13/64"	.2031"	15/32"	.4688"	47/64"	.7344"	28mm	1.1024"
5.5mm	.2165"	12mm	.4724 "	19mm	.7480"	30mm	1.1811"
7/32"	.2188 "	31/64"	.4844"	3/4"	.7500 "	32mm	1.2598"
15/64"	.2344"	12.5mm	.4921"	49/64"	.7656"	34mm	1.3386"
6mm	.2362"	1/2"	.5000"	19.5mm	.7677"	35mm	1.3780"
1/4"	.2500 "	13mm	.5118 "	25/32"	.7812"	36mm	1.4173"
6.5mm	.2559 "	33/64"	.5156"	20mm	.7874"	38mm	1.4961"
6.7mm	.2638 "	17/32"	.5313"	51/64 "	.7969"	40mm	1.5748"

Formula for transforming metric to decimal

(mm x .03937 = Decimal)

Example: 8mm x .03937 = .315

Formula for transforming decimal to metric

(Decimal ÷ .03937 = mm)

Example: .315 ÷ .03937 = 8mm

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Router Bit Sets



Door Set

SE900E
Round Raised Panel Bit

SE6001
Stile and Rail Bit



Basic Set-12

SE1067
1/2" Straight Bit

SE1504
3/4" V-Groove Bit

SE1803
1/4" Radius Cove

SE1901
1 1/4" Rabbit Bit

SE2006
1/4" Radius Roundover

SE2009
1/2" Radius Roundover

SE2202
5/32" Radius Roman
Ogee

SE2305
45 Degree Chamfer Bit

SE2405
1/2" Trim Bit



CNC Set

SRU120
1/4" S/C Spiral Upcut

SRD220
1/4" S/C Spiral Downcut

SRU165
1/2" S/C Spiral Upcut

SRD265
1/2" S/C Spiral Downcut

SUD555
S/C 1/2" Dia x 1 1/4"
CL Compression

SUD573
S/C 1/2" Dia x 2"
CL Compression

SE1507
C/T 1/2" Dia V Groove Bit

SE5610
C/T MDF Bit-Bead

SE5710
C/T MDF Bit-Cove



P Set

SRU120
1/4" S/C Spiral Upcut

SPL100
1/8" S/C Straight O Flute

SPL110
3/16" S/C Straight O Flute

SPL120
1/4" S/C Straight O Flute

SPL220
1/4" S/C Straight O Flute
2 Flute

SOU100
1/8" S/C Spiral O Flute

SOU120
1/4" S/C Spiral O Flute

SPOU120
1/4" S/C Multi Grind
Polished O Flute

SPR200
1/8" Radius O Flute
1/8" Material

SPR220
1/4" Radius O Flute
1/4" Material



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