



04/27/08

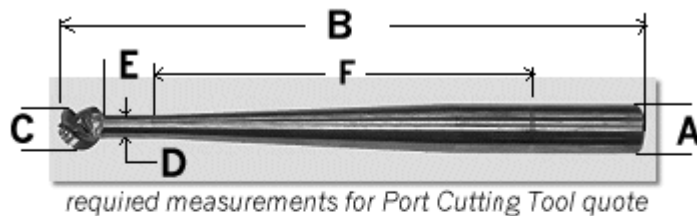
Southeast Tool Catalog

Taras

Please use this as a reference. We can change the bit dimensions in many instances but I need your input. Please list the tools required that will work and let me know the quantities required. To change the dimensions of the SC Spiral cutters would be costly.

You can send me pages numbers and part numbers. I will follow up immediately.

Also, I need complete dimensions on the SFS Carbide Ball Cutter to get you a quote.



required measurements for Port Cutting Tool quote

- A- SHANK DIAMETER**
- B- OVER ALL LENGTH (OAL)**
- C - HEAD DIAMETER**
- D - NECK DIAMETER**
- E - NECK LENGTH (no taper)**
(put 0 if taper begins right behind ball)
- F - LENGTH OF TAPER to O.D.**
(or length of un-tapered shank)

options: number of flutes - HELIX angle - material being cut

Thanks
John

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SRD585T	5	SRU485TCB	5	STB610	79		
SRD585TCB	5	SRU490T	5	STB612	79		
SRD590T	5	SRU490TCB	5	STB616	79		
SRD590TCB	5	SRU495T	5	STB620	79		
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Solid Carbide Bits

FLUSH TRIM BIT



SCF200

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SCF200	1/4"	1/4"	1/4"	1 1/2"
SCF205	1/4"	3/8"	1/4"	2"
SCF210	1/4"	3/8"	1/4"	1 1/2"

FLUSH TRIM BIT

Small Pilot for Shallow Dado



SCD210 → | ← 1/8"

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 DEG. BEVEL TRIM BIT 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 DEG. BEVEL TRIM BIT



SCFB230

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

ROUND BOTTOM VEINING BIT (1/4" SHANK, 1 FLUTE)



SCRV273

Part Number	Radius	Cutting Diameter	Cutting Length	Overall Length
SCRV271	1/16"	1/8"	1/4"	1 1/2"
SCRV273	1/8"	1/4"	1/4"	2"

ROUND BOTTOM VEINING BIT (1/4" SHANK, 2 FLUTE)



SCRV279

Part Number	Radius	Cutting Diameter	Cutting Length	Overall Length
SCRV275	1/16"	1/8"	5/16"	2"
SCRV277	3/32"	3/16"	3/8"	2"
SCRV279	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 BIT



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
New	SCFB120	3/8"	7/8"	2 1/2"	End Mill End
New	SCFB130	3/8"	7/8"	2 1/2"	Plunge V Pt End
New	SCFB140	1/2"	1"	3"	End Mill End
New	SCFB150	1/2"	1"	3"	Plunge V Pt End

HOLE & FLUSH TRIM BIT



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 BIT



SCRS250

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

V-GROOVING BIT (1/4" SHANK)



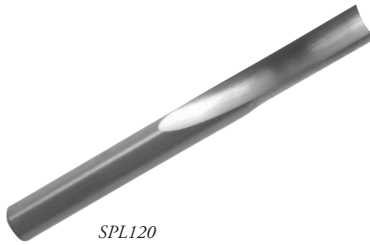
SCVG260 → | ← B

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

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"
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"
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"
SPL140	1/2"	1"	1/2"	3"

O-FLUTE TOOLS FOR PLASTIC, (2 FLUTE)



SPL225

New

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SPL210	1/8"	1/2"	1/4"	2"
SPL213	5/32"	1/2"	1/4"	2 1/2"
SPL215	3/16"	3/8"	1/4"	2"
SPL220	1/4"	1"	1/4"	2 1/2"
SPL225	3/8"	7/8"	3/8"	2 1/2"
SPL230	1/2"	1"	1/2"	3"



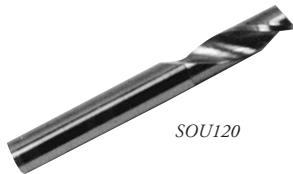
SPL120LH

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

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SPL100LH	1/8"	3/8"	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

For more rigid plastics, acrylics and nylons



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"



New
SPOU120

New

POLISHED MULTI-GRIND O-FLUTE

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SPOU120	1/4"	3/4"	1/4"	2 1/2"

SOLID CARBIDE RADIUS O-FLUTE



SPR220

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

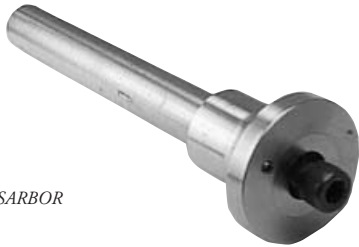
Plastic Cutting Bits



SPS2-16-095

CARBIDE TIPPED PLASTIC SAW (TRIPLE CHIP GRIND)

Part Number	Cutting Diameter	Wings	Hook	Kerf	Bore
SPS2-16-095	2"	16	0°	.095	5/8"
SPS25-16-095	2 1/2"	16	0°	.095	5/8"
SPS3-16-095	3"	16	0°	.095	5/8"
SPS35-16-095	3 1/2"	16	0°	.095	5/8"



SPSARBOR

ARBORS FOR PLASTIC SAWS

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

Solid Carbide Straight Cut Bits



SST120

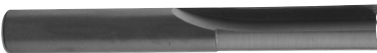
SOLID CARBIDE, 1 FLUTE STRAIGHT BITS

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

SOLID CARBIDE, 2 FLUTE STRAIGHT BITS

For plastics or wood

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"
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"
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"
SST245	3/8"	1 1/4"	3/8"	3"
SST265	1/2"	1"	1/2"	3"
SST270	1/2"	1 1/4"	1/2"	3"
SST275	1/2"	1 5/8"	1/2"	3 1/2"



SST245

Micro-Grain Solid Carbide Spiral Bits



SOU520

2 FLUTE SLOW SPIRAL "O" FLUTE

Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SOU520	SOD620	1/4"	3/4"	1/4"	2 1/2"



SRD255

2 FLUTE RIGHT-HAND ROTATION

Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRU102	SRD202	3/32"	1/2"	1/4"	2"
SRU103	SRD203	1/8"	1/2"	1/4"	2"
SRU105	SRD205	5/32"	3/4"	1/4"	2"
SRU110	SRD210	3/16"	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"
SRU123	SRD223	1/4"	1 1/4"	1/4"	3"
New SRU124	SRD224	9/32"	1"	1/2"	3"
SRU125	SRD225	5/16"	1"	5/16"	3"
SRU130	SRD230	5/16"	1"	1/2"	3"
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"
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"
SRU165	SRD265	1/2"	2"	1/2"	4"
SRU167	SRD267	1/2"	2 1/8"	1/2"	4"
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"
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"

CHIPBREAKER 2 FLUTE RIGHT-HAND ROTATION



SRD260CB

Upcut Part #	Downcut Part #	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"

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

Micro-Grain Solid Carbide Spiral Bits

SPIRAL FLUSH TRIM BIT, 2 FLUTE



New
SFTU120

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"



New
SFTU155

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

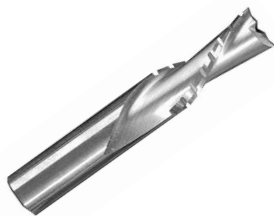
3 FLUTE RIGHT-HAND ROTATION



SRU455T

Upcut Part #	Downcut Part #	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"

CHIPBREAKER 3 FLUTE RIGHT-HAND ROTATION



SRD560TCB

Upcut Part #	Downcut Part #	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"

RUFFER 3 FLUTE SPIRALS ~ Hoggers



New
SRD460RUF

Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
New SRU320RUF	SRD420RUF	3/8"	7/8"	3/8"	2 1/2"
SRU340RUF	SRD440RUF	3/8"	1 1/4"	3/8"	3"
SRU350RUF	SRD450RUF	1/2"	1 1/4"	1/2"	3"
SRU360RUF	SRD460RUF	1/2"	1 1/2"	1/2"	3 1/2"
SRU370RUF	SRD470RUF	1/2"	2"	1/2"	4"
SRU380RUF	SRD480RUF	5/8"	2"	5/8"	4"
SRU390RUF	SRD490RUF	3/4"	2"	3/4"	4"
SRU393RUF	SRD493RUF	3/4"	3"	3/4"	6"
SRU395RUF	SRD495RUF	3/4"	3 1/4"	3/4"	6"

*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

SLOW SPIRAL 3 FLUTE RIGHT-HAND ROTATION



SRU600SL

	Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
New	SRU590SL	SRD640SL	1/4"	1"	1/4"	2 1/2"
	SRU595SL	SRD645SL	3/8"	1 1/4"	3/8"	3"
	SRU600SL	SRD650SL	1/2"	1 1/4"	1/2"	3"
	SRU605SL	SRD655SL	1/2"	1 1/2"	1/2"	3 1/2"
	SRU610SL	SRD660SL	3/4"	2"	3/4"	4"

2 FLUTE LEFT-HAND ROTATION



SLU345

	Upcut Part #	Downcut Part #	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"

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



SUD515

	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"
	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"

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"
	SUD550	3/8"	1 1/4"	3/8"	3"
	*SUD551	3/8"	1 1/4"	3/8"	3"
	*SUD553	1/2"	1"	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"
	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"

*3/16" Upcut For Mortise Cuts Chipbreakers can be added to compression bits, by adding "CB" to end of part number. "SUD555CB"

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
SUD551	3/8"	1 1/4"	3/8"	3"
SUD553	1/2"	1"	1/2"	3"
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.

New!

2+2 COMPRESSION SPIRAL – MD

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"
SMDUD573	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"



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

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
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"

**SOLID CARBIDE IS NOT GUARANTEED AGAINST BREAKAGE.
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Micro-Grain Solid Carbide Spiral Bits



SUD765



SLIN062



SBNU500



SBNU750

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

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SUD750	3/8"	1 1/4"	3/8"	3"
SUD755	1/2"	1 1/4"	1/2"	3"
SUD765	1/2"	1 5/8"	1/2"	3 1/2"

SOLID CARBIDE LINER BIT FOR CARVING MACHINE

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

SOLID CARBIDE BALL NOSE - UPCUT

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
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"

SOLID CARBIDE BALL NOSE - UPCUT (FOR CARVING MACHINE)

Part Number	Diameter	Cutting Length	Shank Diameter	Overall Length
SBNU750	3/4"	2"	3/4"	4"

*All tools available with chipbreakers

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



Walter Machine

Carbide-Tipped Straight Bits

1/4 SHANK SINGLE FLUTE



Part Number	Cutting Diameter	Cutting Length	Overall Length
New SE1004	1/4"	3/4"	2 1/4"
New 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"

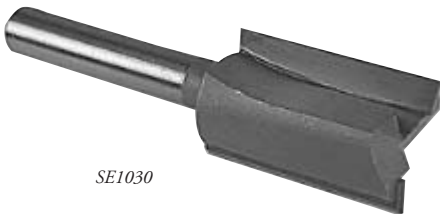
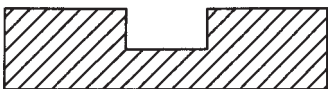
1/2 SHANK SINGLE FLUTE



SE1052

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



SE1030

Part Number	Cutting Diameter	Cutting Length	Overall Length
New SE1011	3/16"	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"
New SE1018	9/32"	1"	2 1/2"
New SE1018A	5/16"	3/4"	2 3/4"
SE1019	5/16"	1"	2 1/4"
New SE1021	3/8"	3/4"	2 1/4"
SE1022	3/8"	1"	2 1/2"
New SE1023	3/8"	1 1/4"	2 3/4"
New SE1024	7/16"	1"	2 1/2"
SE1024A	31/64"	3/4"	2 1/4"
New SE1024B	15/32"	3/4"	2 1/8"
SE1025A	1/2"	1/4"	2 1/4"
SE1025B	1/2"	1/2"	2 1/4"
SE1025C	1/2"	3/4"	2 1/4"
SE1026	1/2"	1"	2 3/4"
SE1027	9/16"	3/4"	2 1/4"
SE1027A	19/32"	3/4"	2 1/4"
SE1028	5/8"	1"	2 1/4"
SE1029	11/16"	3/4"	2 1/8"
SE1029A	23/32"	3/4"	2 1/8"
New SE1030	3/4"	3/4"	2 1/8"
New SE1031	3/4"	1"	2 1/4"
New SE1032	7/8"	3/4"	2 1/8"
New SE1032A	13/16"	3/4"	2 1/8"
SE1033	1"	3/4"	2 1/8"
SE1303	1 1/4"	3/4"	2"

*For Air Router

Incra

Undersize Plywood

Undersize Plywood

Undersize Plywood

Carbide-Tipped Straight Bits

3/8 SHANK DOUBLE FLUTE

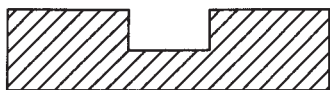
	Part Number	Cutting Diameter	Cutting Length	Overall Length
	SE1039	3/8"	1"	2 5/8"
New	SE1040	3/8"	1 1/4"	2 7/8"
New	SE1041	3/8"	1 1/4"	3 5/8"

1/2 SHANK DOUBLE FLUTE

	Part Number	Cutting Diameter	Cutting Length	Overall Length	
	*SE1058	1/4"	3/4"	2 1/2"	
	*SE1060	5/16"	1"	2 3/4"	
New	*SE1061	3/8"	3/4"	2 1/2"	
	*SE1062	3/8"	1"	2 3/4"	
New	*SE1063	3/8"	1 1/4"	2 3/4"	
New	*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 3/4"	Leigh 160
	SE1069	1/2"	1 1/2"	3 1/8"	
New	SE1069DS	1/2"	1 1/2"	3 1/8"	Downshear
New	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 3/8"	
New	SE1073M	1/2"	2 1/2"	5 1/2"	
New	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
New	SE1076	5/8"	1"	2 1/2"	
New	SE1077	5/8"	1 1/4"	2 3/4"	
New	SE1078	5/8"	1 1/2"	3"	
	SE1079	5/8"	2"	4"	
	SE1080	21/32"	1 1/4"	3"	
	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"	
	SE1093	1"	1 1/4"	2 3/4"	
	SE1095	1"	2"	3 3/4"	
New	SE1095A	1 1/16"	1 1/2"	3"	
New	SE1096	1 1/8"	1 1/2"	3 1/2"	
New	SE1096A	1 1/8"	2"	4"	
New	SE1097	1 1/4"	1 1/2"	3"	
New	SE1098	1 3/8"	1 1/4"	3"	
New	SE1099	1 1/2"	1 1/4"	3"	
New	SE1100	1 3/4"	1 1/4"	3"	
New	SE1101	2"	1 1/4"	3"	



SE1085



*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 Vee Point.

Carbide-Tipped Straight Bits

LEFTHAND DOUBLE FLUTE

	Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
New	SE1014LH	1/4"	1"	1/4"	2 1/2"
New	SE1062LH	3/8"	1"	1/2"	2 3/4"
New	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"



SE1105

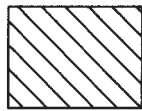
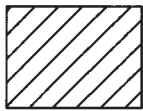
3/4 SHANK DOUBLE FLUTE (FOR CNC ROUTERS) Righthand

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) Lefthand

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"



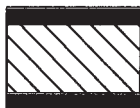
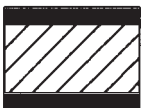
SE1203



SE1252

1/2 SHANK BITS OPPOSITE SHEAR

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE1252	1/2"	2"	4"
New SE1256	1/2"	2 5/8"	5 1/2"

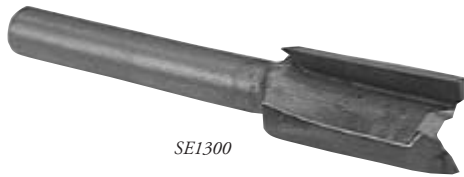


3/4 SHANK BITS OPPOSITE SHEAR

Part Number	Cutting Diameter	Cutting Length	Overall Length
New SE1270	3/4"	2"	4"

Carbide-Tipped Mortise Bits

1/4 SHANK BITS



SE1300

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"

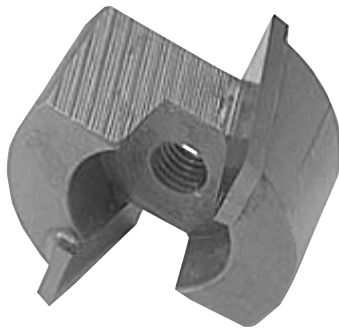


1/2 SHANK BITS

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

Carbide-Tipped Screw-on Mortise Bits

(1/4-28 Thread)



SE131250

	Part Number	Cutting Diameter		Cutting Length	Overall Length
		Fractional	Decimal		
	SE13500	1/2"	.500	5/8"	7/8"
New	SE13562	9/16"	.562	5/8"	7/8"
New	SE13625	5/8"	.625	5/8"	7/8"
New	SE13656	21/32"	.656	5/8"	7/8"
New	SE13687	11/16"	.687	5/8"	7/8"
New	SE13719	23/32"	.719	5/8"	7/8"
New	SE13750	3/4"	.750	5/8"	7/8"
New	SE13781	25/32"	.781	5/8"	7/8"
New	SE13812	13/16"	.812	5/8"	7/8"
	SE13875	7/8"	.875	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	1/2"	1/2"

(5/16-24 Thread)

Part Number	Cutting Diameter Fractional	Cutting Diameter Decimal	Cutting Length	Overall Length
SE131250-5/16	1 1/4"	1.250	5/8"	5/8"

Arbors for Screw-on Mortise Bits

ARBORS (1/4-28 THREAD)



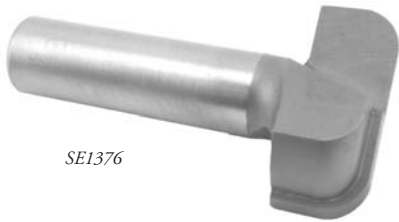
SEHMA-1/2

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

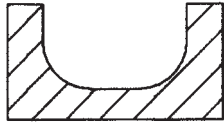
ARBORS (5/16-24 THREAD)

Part Number	Shank Diameter	Overall Length
SEHMA-1/4-5/16	1/4"	1 3/4"
SEHMA-1/2-5/16	1/2"	1 3/4"

Carbide-Tipped Bowl & Tray Bits



SE1376



1/4 SHANK BITS

	Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
New	SE1372	3/4"	1/4"	5/8"	2 3/8"
New	SE1373	1"	1/4"	1/2"	2 3/8"
New	*SE1372B	3/4"	1/4"	5/8"	2 3/8"

1/2 SHANK BITS

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

*Bearing supplied on shank for template routing

Carbide-Tipped Core Box Bits



SE1404

1/4 SHANK BITS

	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 3/4"
	SE1403	3/8"	3/16"	1/2"	1 3/4"
	SE1404	1/2"	1/4"	1/2"	1 3/4"
New	SE1405	5/8"	5/16"	3/8"	2"

*Solid Carbide

Carbide-Tipped Roundnose Bits



SE1411



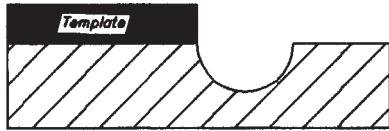
1/2 SHANK BITS

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

Carbide-Tipped Roundnose Template Bits



SE1404B



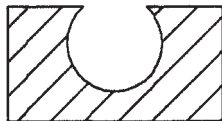
1/4 SHANK BITS

Part Number	Cutting Diameter	Radius	Cutting Length	Overall Length
SE1404B	1/2"	1/4"	1/2"	1 3/4"
SE1406B	3/4"	3/8"	5/8"	1 7/8"

Carbide-Tipped Plunge Cutting Ball Bits



New
SE1464



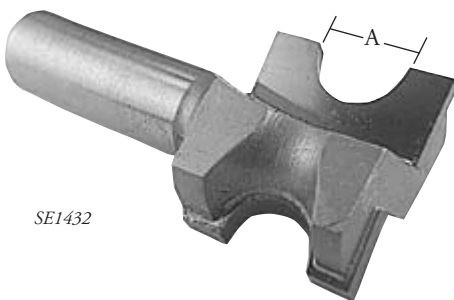
1/4 SHANK BITS

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

1/2 SHANK BITS

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

Carbide-Tipped Half Round (Bullnose) Bits



SE1432



1/4 SHANK BITS

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"

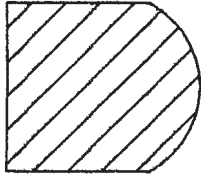
1/2 SHANK BITS

Part Number	A Opening	Radius	Cutting Length	Overall Length
New SE1429	3/16"	3/32"	1/2"	1 7/8"
SE1430	1/4"	1/8"	5/8"	1 7/8"
SE1431	3/8"	3/16"	11/16"	2 3/16"
SE1432	1/2"	1/4"	7/8"	2 3/8"
New 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"
New 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 Bit



SE1440



1/2 SHANK BITS

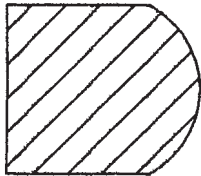
Part Number	Cutting Diameter	Cutting Depth	Cutting Length	Overall Length
SE1440	7/8"	1/4"	1 5/8"	3 1/2"
*SE1440B	7/8"	1/4"	1 5/8"	3 1/2"

*Uses SBE150 Bearing w/collar for template guide routing

Carbide-Tipped Oval Edge (Half Bullnose) Bits



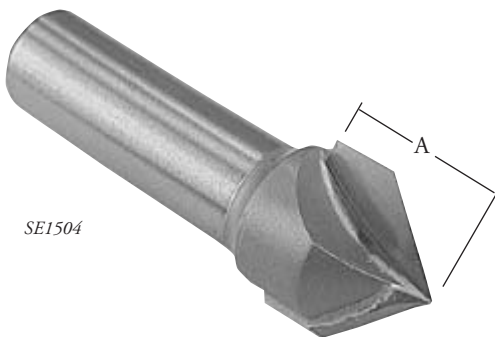
New
SE1478



1/2 SHANK BITS

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

Carbide-Tipped V-Groove Bits 90 Degree Angle



SE1504



1/4 SHANK BITS

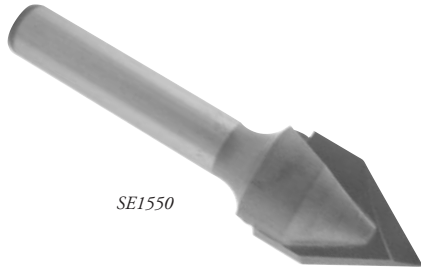
	Part Number	Cutting Diameter	A Cutting Length	Overall Length	
	*SCVG-260	1/4"	1/2"	1 1/2"	(1 Flute)
	SE1501	3/8"	1/2"	1 3/4"	
	SE1502	1/2"	1/2"	1 3/4"	
New	SE1502A	5/8"	5/8"	2"	
New	SE1502B	3/4"	5/8"	2"	

*Solid Carbide

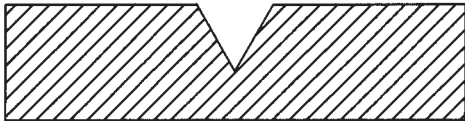
1/2 SHANK BITS

	Part Number	Cutting Diameter	A Cutting Length	Overall Length
	SE1503	1/2"	1/2"	2"
	SE1504	3/4"	5/8"	2 1/8"
	SE1505	1"	3/4"	2 1/4"
	SE1507	1 1/2"	1"	2 1/2"

Carbide-Tipped V-Groove Bits 60 Degree Angle



SE1550



1/4 SHANK BITS

Part Number	Cutting Diameter	Cutting Length	Overall Length	Flutes
SE1550	1/2"	5/8"	2"	2

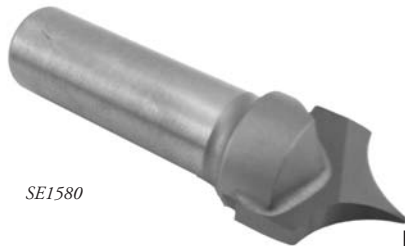
1/2 SHANK BITS

Part Number	Cutting Diameter	Cutting Length	Overall Length	Flutes
SE1560	1/2"	5/8"	2 1/4"	2

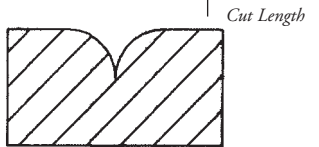
60 DEGREE SOLID CARBIDE

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

Carbide-Tipped Point Cutting Roundover Bits



SE1580



1/4 SHANK BITS

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

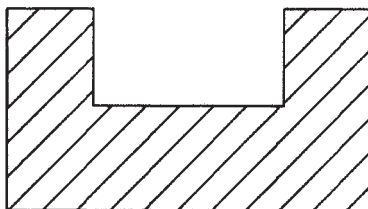
1/2 SHANK BITS

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

Carbide-Tipped Stair Tread & Bottom Cleaning Bits



SE1596



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

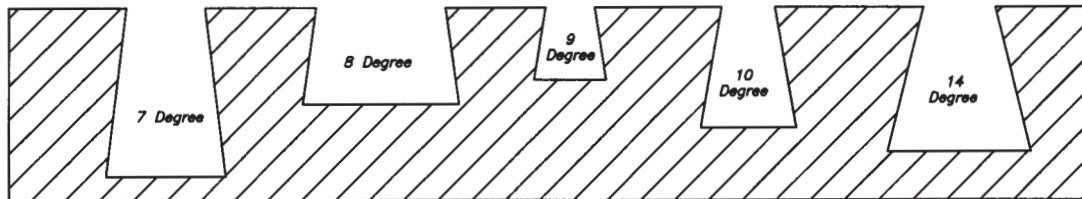
Carbide-Tipped Dovetail Bits

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	Use
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™
SE1645	7/8"	7/8"	1/2"	2 3/4"	Stair Treads
SE1645LH	7/8"	7/8"	1/2"	2 3/4"	Stair Treads
7½ DEGREE ANGLE					
*SCDT7525	1/4"	5/16"	1/4"	2"	Incra™/Omni Jig
8 DEGREE ANGLE					
New SE1661	5/16"	3/8"	1/4"	2 1/4"	Leigh #60
SE1662	3/8"	1/2"	1/4"	2 3/8"	Leigh #70
New 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"	
10 DEGREE ANGLE					
SE1672	1/2"	5/8"	1/4"	2 1/2"	Incra™/Leigh #101
SE1674	1/2"	5/8"	1/2"	2 5/8"	Incra™
14 DEGREE ANGLE					
SE1611	3/8"	3/8"	1/4"	2"	
SE1610	1/2"	1/2"	1/4"	2"	Incra™/Omni Jig
SE1622	1/2"	1/2"	1/4"	2 3/8"	Leigh #120
SE1620	1/2"	1/2"	1/2"	2 1/2"	Incra™/Omni Jig
SE1630	3/4"	3/4"	1/2"	3"	Omni Jig
SE1640	1	7/8"	1/2"	2 1/2"	
18 DEGREE ANGLE					
New SE1680	1/2"	3/8"	1/4"	2 1/4"	Leigh #128

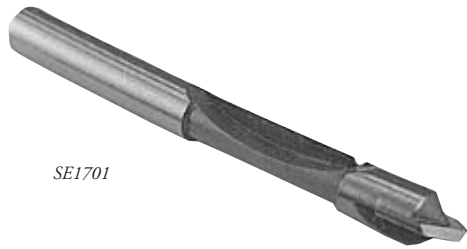


SE1610

*Solid Carbide
LH proceed Part No. - Lefthand



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"
SE1702	1/2"	1 3/16"	1/2"	3 1/2"
SE1703	1/2"	2"	1/2"	4 1/8"



DOUBLE FLUTE

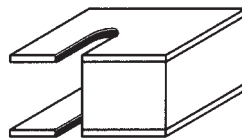
Part Number	Cutting Diameter	Cutting Length	Shank	Overall Length
New SE1704	3/8"	1"	1/4"	3 1/4"
New SE1705	3/8"	1"	3/8"	3"
New SE1706	1/2"	1 3/16"	1/2"	3 1/2"

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"



Carbide-Tipped Cove Bits (2 Flute)

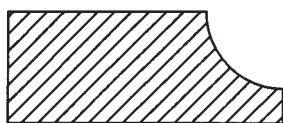


SE1802

1/4 SHANK BITS

Part Number	Radius	Cutting Diameter	Cutting Length
SE1800B	1/8"	3/4"	1/2"
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



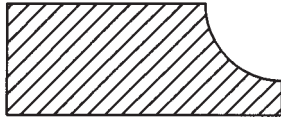
1/2 SHANK COVES – NEXT PAGE

Carbide-Tipped Cove Bits (2 Flute)

1/2 SHANK BITS



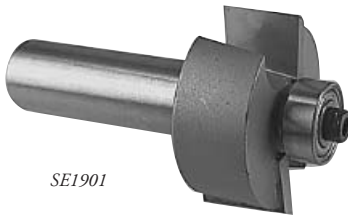
SE1803



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)



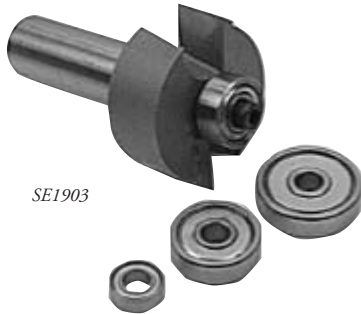
SE1901

Part Number	Cutting Diameter	Cutting Length	Cutting Depth*	Shank Diameter	Overall Length
SE1900	1 1/4"	1/2"	3/8"	1/4"	2 1/8"
SE1901	1 1/4"	1/2"	3/8"	1/2"	2 3/8"
SE1962	2"	1"	3/4"	1/2"	2 7/8"

*For different depths of cut see kits below

RABBETING BIT KITS

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"

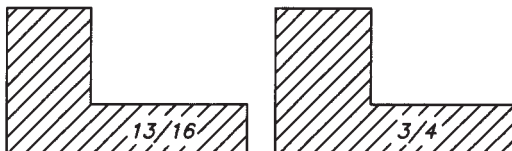


SE1903

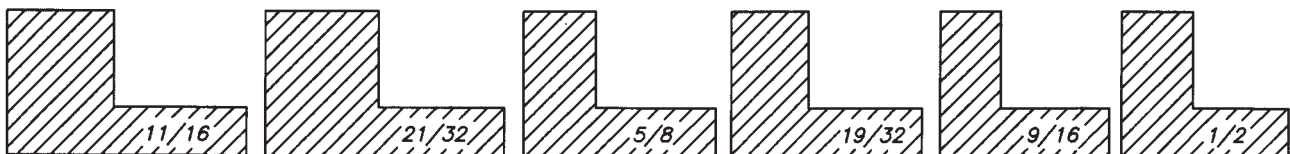
Part Number	Description
SE1902	1/4 Shank Set
SE1903	1/2 Shank Set

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"

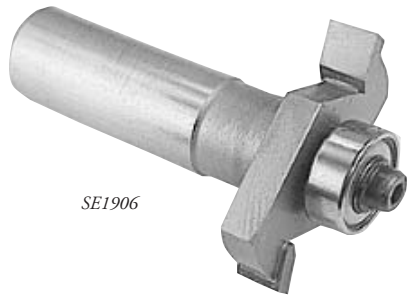
Part Number	Description
SE1965	1/2 Shank Only



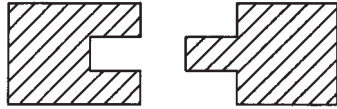
Rabbeting Depths



Carbide-Tipped Slotting Bits



SE1906



2 FLUTE

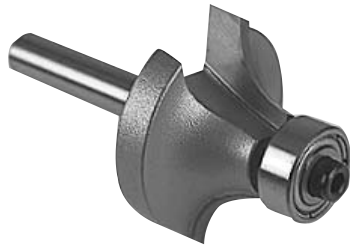
Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Shank Diameter
SE1904	1 1/4"	1/8"	3/8"	1/4"
SE1908	1 1/2"	5/32"	1/2"	1/4"
SE1912	1 1/4"	1/4"	3/8"	1/4"
New SE1916	1 1/4"	3/8"	3/8"	1/4"
New SE1920	1 1/2"	1/2"	1/2"	1/4"
Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Shank Diameter
SE1906	1 1/4"	1/8"	3/8"	1/2"
New SE1910	1 1/2"	5/32"	1/2"	1/2"
SE1914	1 1/4"	1/4"	3/8"	1/2"
New 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"

3 FLUTE – FOR TYLER® MACHINE

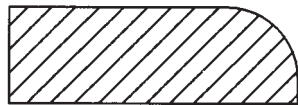
Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Shank Diameter
New SE1980	1 1/8"	3/16"	5/16"	3/8"

*Use SBE115 Bearing

Carbide-Tipped Roundover Bit (2 Flute)



SE2003



1/4 SHANK BITS

Part Number	Radius	Cutting Diameter	Cutting Length
SE2000A	1/16"	5/8"	1/2"
SE2000C	1/8"	3/4"	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 BITS

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"
*SE2016	1 1/2"	3 3/4"	1 7/8"

Roundovers without asterisk use SBE115 Bearing and SDS115 Dust Shield

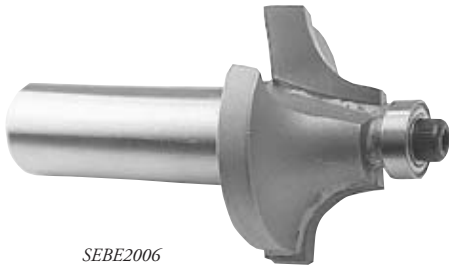
*Roundovers use SBE120 Bearing and SDS120 Dust Shield



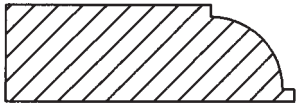
SE2006

Carbide-Tipped Beading Bit (2 Flute)

1/4 SHANK BITS



SEBE2006



Part Number	Radius	Cutting Diameter	Cutting Length
SEBE2000A	1/16"	5/8"	1/2"
SEBE2000C	1/8"	3/4"	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"

1/2 SHANK BITS

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"
*SEBE2016	1 1/2"	3 1/2"	1 7/8"

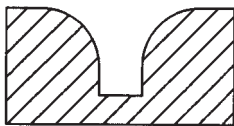
Beading Bits without asterisk use SBE110 Bearing

*Beading Bits use SBE130 Bearing

Carbide-Tipped Plunge Roundover (2 Flute)



SE2060



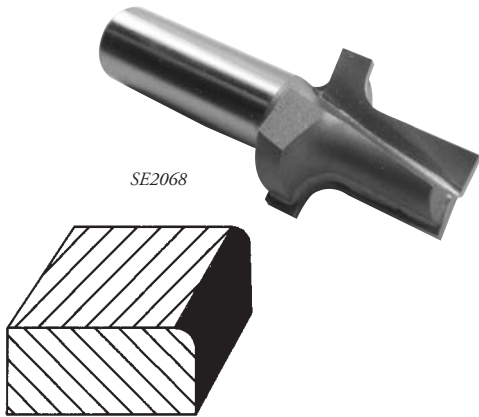
1/4 SHANK BITS

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

1/2 SHANK BITS

	Part Number	Radius	Large Diameter	Small Diameter	Cutting Length
New	SE2055	1/4"	3/4"	1/4"	1/4"
	SE2056	1/4"	3/4"	1/4"	3/8"
New	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 Plunge Roundover Edge Trim



1/2 SHANK BITS

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"

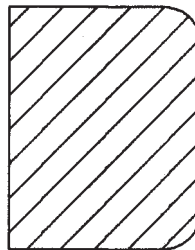
Carbide-Tipped Double Roundover Bit



New
SE2162

1/2 SHANK

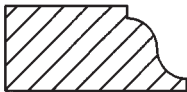
Part Number	Radius	Large Diameter	Overall Length
New SE2162	3/16"	1 3/4"	3 3/4"



Carbide-Tipped Roman Ogee Bit (2 Flute)



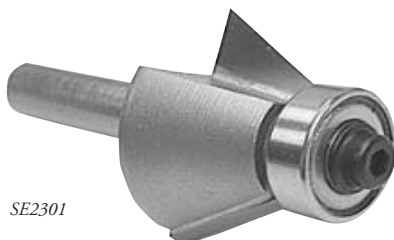
SE2202



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"

Bearing SBE115

Carbide-Tipped Edge Bevel / Laminate Trim



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"
New SE2300B	22	3/8"	3/8"	1/4"
SE2301	25	9/16"	1/2"	1/4"

SBE115 Bearing

Carbide-Tipped 45 Degree Chamfer Bit (2 Flute)



SE2305

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

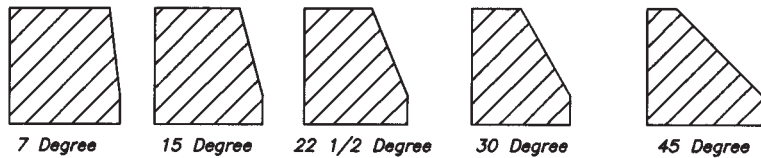
Carbide-Tipped 22½ & 30 Degree Chamfer Bits



SE2307

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

SBE115 Bearing



Carbide-Tipped Flush Trim Bit (2 Flute)



SE2402

1/4 SHANK BITS

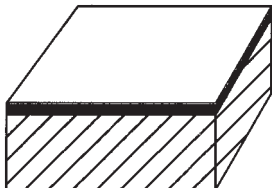
Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing
SE2400A	1/4"	3/4"	2 1/8"	SBE100
SE2400	3/8"	1"	2 3/4"	SBE105
SE2401	3/8"	1/2"	2 1/4"	SBE105
SE2402	1/2"	1"	2 3/4"	SBE115
SE2403	1/2"	1/2"	2 3/8"	SBE115
SE2404	1/2"	1 1/2"	3 1/4"	SBE115



SE2405

1/2 SHANK BITS

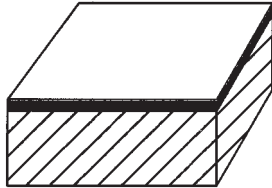
Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing
SE2405	1/2"	1"	3 1/8"	SBE115
SE2406	1/2"	1/2"	2 3/4"	SBE115
SE2407	1/2"	1 1/2"	3 3/4"	SBE115
SE2408	1/2"	2"	4 1/8"	SBE115
SE2409	3/4"	1"	3 3/8"	SBE120



Carbide-Tipped Flush Trim Bit (3 Flute)



SE2502



1/4 SHANK BITS

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

1/2 SHANK BITS

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

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

2 FLUTE - DOUBLE BEARING



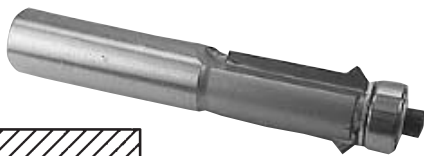
SE2457

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

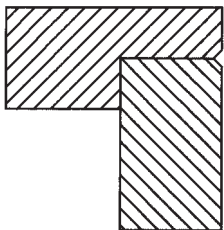
3 FLUTE - DOUBLE BEARING

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



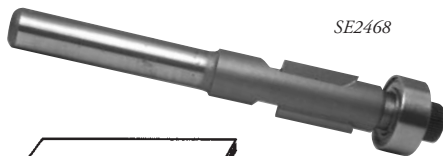
SE2426



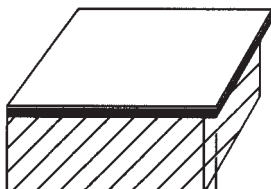
Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE2425	1/2"	1"	1/4"	2 3/4"
SE2426	1/2"	1"	1/2"	3 1/8"

SBE115 Bearing

Carbide-Tipped Overhang Bits



SE2468



1/16"

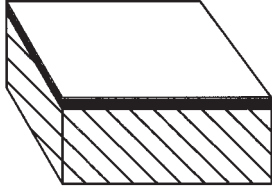
1/4" SHANK BITS

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 Downshear Flush Trim Bits



New
SE2580



1/4 SHANK BITS

	Part Number	Cutting Diameter	Cutting Length	Overall Length
New	SE2560	3/4"	5/8"	2 1/8"

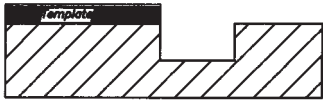
1/2 SHANK BITS

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

Carbide-Tipped Template Bits



SE3021



	Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length	Bearing
	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 1/4"	SBE145
	SE3004	1/2"	1"	1/4"	2 3/4"	SBE145
	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
New	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"	SBE115

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

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

Carbide-Tipped Template Bits

WITH OVERSIZE BEARING

1/4 SHANK BITS

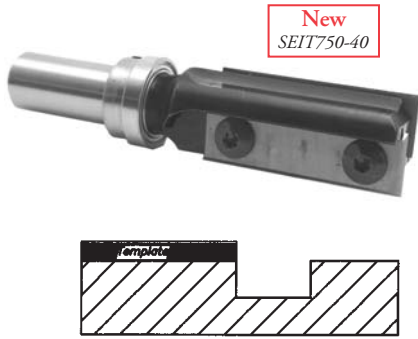
	Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing Diameter	Bearing
New	SE3025	5/16"	3/4"	2 3/4"	1/2"	SBE145
New	SE3028	1/2"	1/4"	2 1/4"	3/4"	SBE120
New	SE3032	9/16"	3/4"	2 1/4"	5/8"	SBE130



New
SE3028



Insert Template Bits



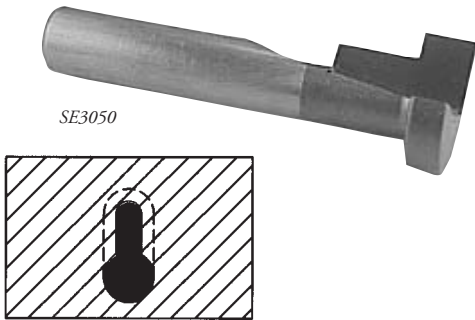
1/2 SHANK BITS

	Part Number	Cutting Diameter	Cutting Length	Overall Length	Bearing Diameter	Insert
New	SEIT750-30	3/4"	30mm	3"	SBE155	SI-2951215
New	SEIT750-40	3/4"	40mm	3 5/16"	SBE155	SI-3951215
New	SEIT750-50	3/4"	50mm	3 11/16"	SBE155	SI-4951215
New	SEIT1125-30	1 1/8"	30mm	3"	SBE150	SI-2951215
New	SEIT1125-40	1 1/8"	40mm	3 5/16"	SBE150	SI-3951215
New	SEIT1125-50	1 1/8"	50mm	3 11/16"	SBE150	SI-4951215

Use SI4-Screw

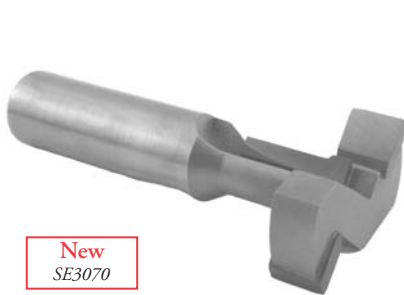
*Use SELC-1/2 Collar

Carbide-Tipped Keyhole Bits



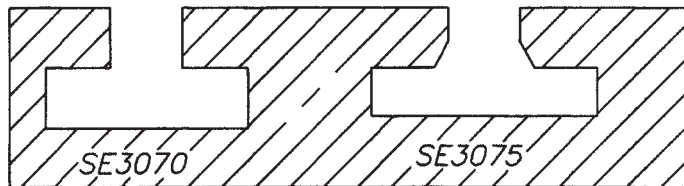
	Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
	SE3050	3/8"	3/8"	1/4"	1 1/2"
	SE3052	1/2"	1/2"	1/4"	1 1/2"

Carbide-Tipped T-Slot Bits

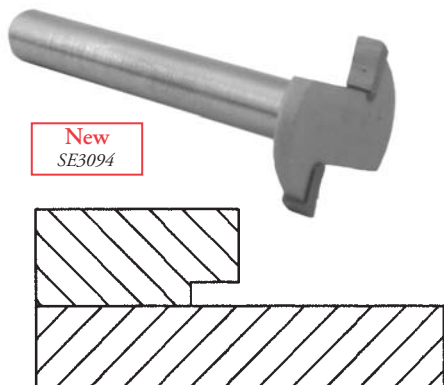


1/2 SHANK

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



Carbide-Tipped Slot & Undercut Bits



1/4 SHANK

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

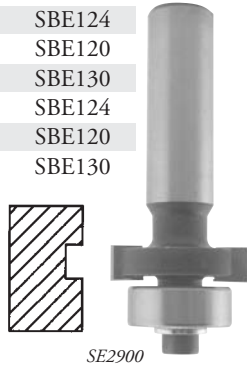
*Add B to Part Number for Bearing on Shank

**For Laminate Flooring

Carbide-Tipped Solid Surface Bits

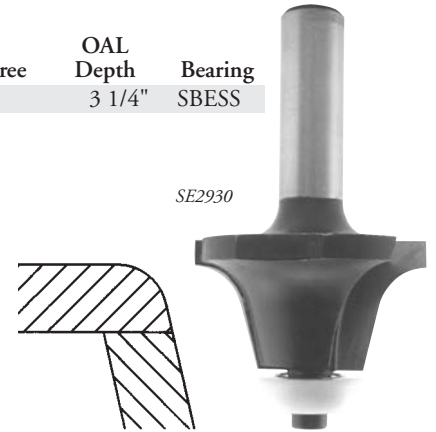
FACE INLAY, 1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Cutting Depth	Bearing
SE2900	1"	1/4"	1/16"	SBE124
SE2901	1"	1/4"	1/8"	SBE120
SE2902	1"	1/4"	3/16"	SBE130
SE2903	1"	1/2"	1/16"	SBE124
SE2904	1"	1/2"	1/8"	SBE120
SE2905	1"	1/2"	3/16"	SBE130

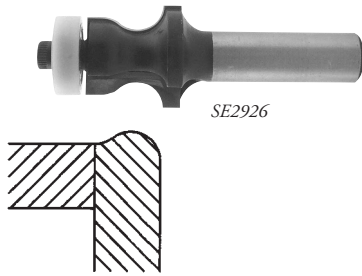


ROUNDING OVER UNDERMOUNT, 1/2" SHANK

Part Number	Material Thickness	Degree	OAL Depth	Bearing
SE2930	3/4"	15	3 1/4"	SBESS



NO-DRIP COUNTER TOP, 1/2" SHANK



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

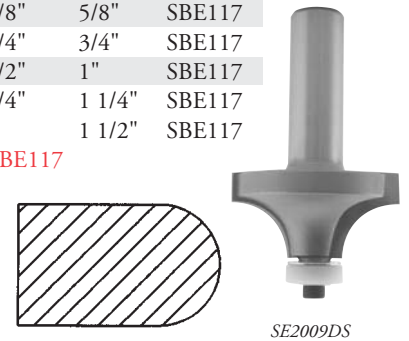
ROUNDING OVER, 1/2" SHANK

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
New SE2008DS	3/8"	1 1/4"	3/4"	SBE117
SE2009DS	1/2"	1 1/2"	1"	SBE117
New SE2009ADS	5/8"	1 3/4"	1 1/4"	SBE117
SE2010DS	3/4"	2"	1 1/2"	SBE117

With Easy Ride Bearing Part #SBE117

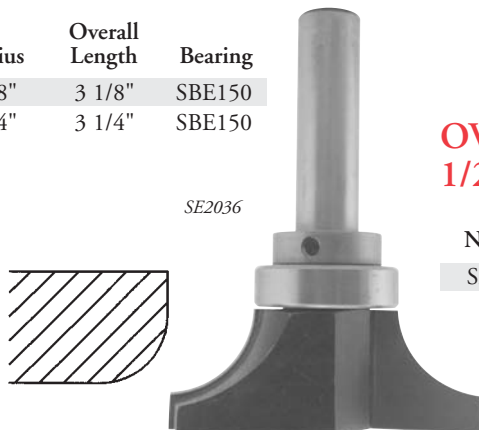
Other sizes available.

Select a bit from our Round Over Section, add "DS" after number.



ROUNDING UNDER, 1/2" SHANK

Part Number	Material Thickness	Radius	Overall Length	Bearing
SE2035	1 1/4"	5/8"	3 1/8"	SBE150
SE2036	1 1/2"	3/4"	3 1/4"	SBE150



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



FLUSH TRIM BIT, 1/2" SHANK

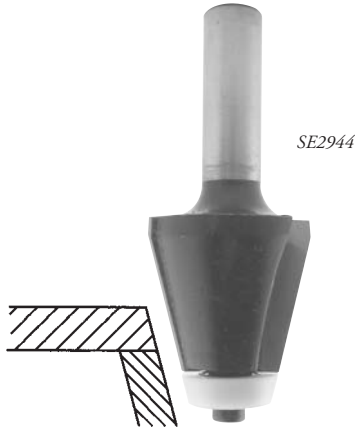


Part Number	Cutting Diameter	Cutting Length	Bearing
SE2410DS	3/4"	1"	SBE121

Carbide-Tipped Solid Surface Bits

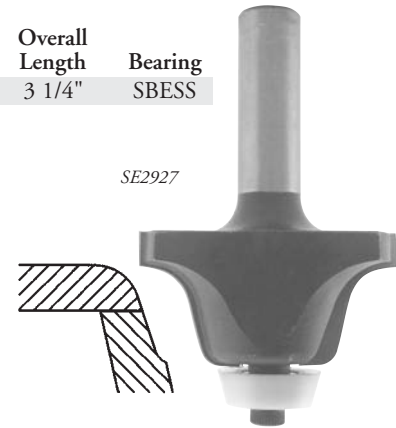
BEVEL UNDERMOUNT, 1/2" SHANK

Part Number	Material Thickness	Degree	Overall Length	Bearing
SE2944	1/2"-3/4"	15	3 3/8"	SBESS



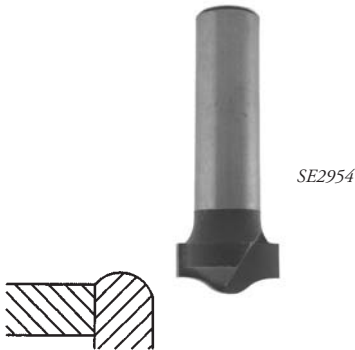
ROMAN OGEE UNDERMOUNT, 1/2" SHANK

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



OGEE NO-DRIP

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 1/8"



COUNTERTOP SURFACE PLANER 1/2" SHANK (ALSO USED AS A TRIM BIT)

Part Number	Cutting Diameter	Cutting Length	Wings
SE2990	2"	3/8"	6



SPIRAL FLUSH TRIM BIT, 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"
New SFTU165	SFTD265	1/2"	2"	1/2"	4 1/2"

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
 1/4" Bits SBE100
 Replacement Ring 1/2" Bits SE-E12
 1/4" Bits SE-E25



CHAMFER BIT 15° 1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length
New SE2950	1 1/8"	1"	3 5/16"

Bearing SBE150
 Collar SELC-1/2



Carbide-Tipped Solid Surface Bits

BEVEL BIT 15° 1/2" SHANK

Part Number	Cutting Diameter	Cutting Length	Overall Length
New SE2956	1	1 1/4"	2 5/8"



New
SE2956

BOWL CUTTER 15° 1/2" SHANK

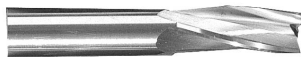
Part Number	Cutting Diameter	Cutting Length	Overall Length
New SE2958	1 1/8"	1	3 5/16"

Bearing SBE150
Collar SELC-1/2



New
SE2958

SOLID SURFACE PROBLEM SOLVING SPIRAL BITS



SRU600SL

SLOW SPIRAL 3 FLUTE RIGHT-HAND ROTATION

Upcut Part #	Downcut Part #	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
New SRU590SL	SRD640SL	1/4"	1"	1/4"	2 1/2"
SRU595SL	SRD645SL	3/8"	1 1/4"	3/8"	3"
SRU600SL	SRD650SL	1/2"	1 1/4"	1/2"	3"
SRU605SL	SRD655SL	1/2"	1 1/2"	1/2"	3 1/2"
SRU610SL	SRD660SL	3/4"	2"	3/4"	4"

OPTICUT SS

Router Bit Lube. For
Solid Surface Cutting.

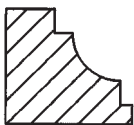
Part
Number
SE56126



Carbide-Tipped Classical Cove Bits



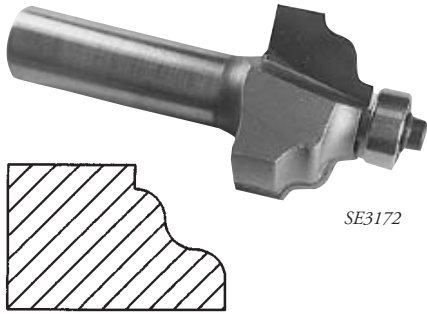
SE3166



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

SBE110 Bearing

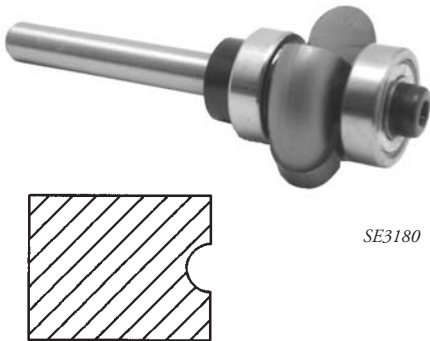
Carbide-Tipped Wavy Edge Bits



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

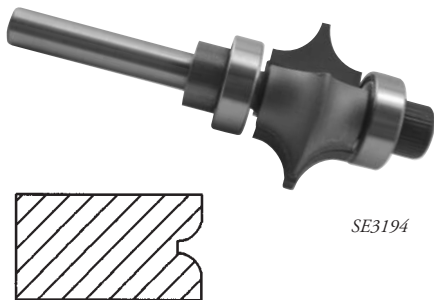
Carbide-Tipped Radius Edge Bits



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

Carbide-Tipped 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

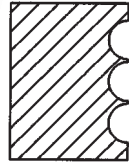
Carbide-Tipped Triple Bead Bits



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

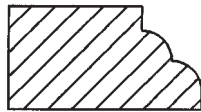
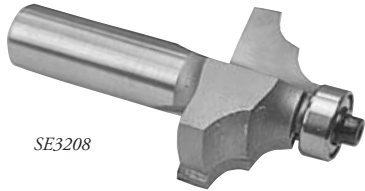
Carbide-Tipped Triple Flute Bits



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

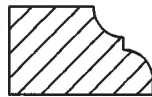
Carbide-Tipped Double Round Bits



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"
SE3208	1/4"	1 1/2"	11/16"	1/2"

SBE115 Bearing

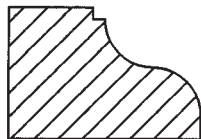
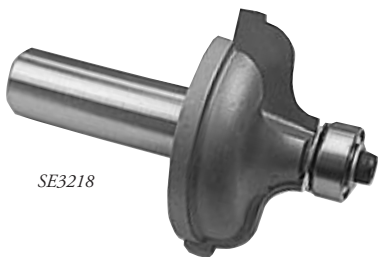
Carbide-Tipped Cove & Bead Bits



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

Carbide-Tipped 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

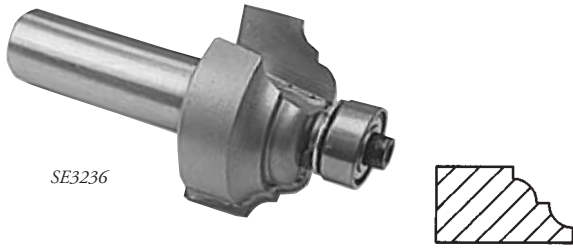
Carbide-Tipped Ogee Bits



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

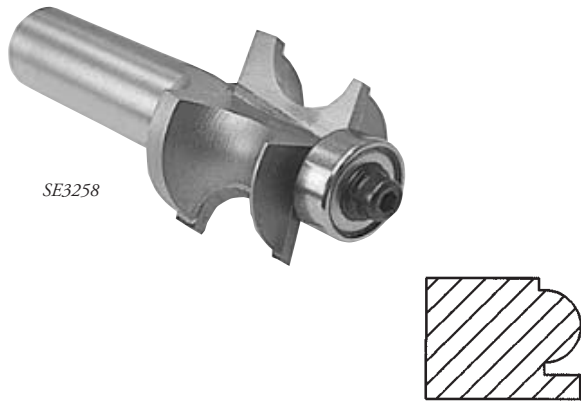
Carbide-Tipped Classical Pattern Bits



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

Carbide-Tipped Edge Beading Bits



1/4 SHANK BITS

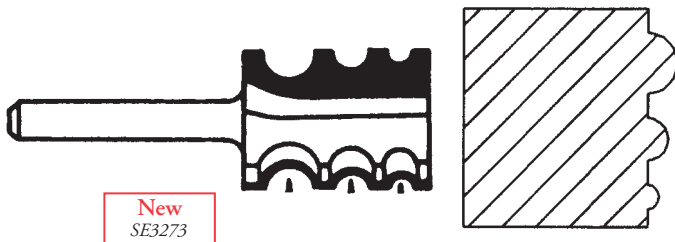
Part Number	Radius	Bead Diameter	Cutting Diameter	Cutting Length
SE3241	3/32"	3/16"	13/16"	1/2"
SE3244	1/8"	1/4"	7/8"	9/16"
SE3248	5/32"	5/16"	15/16"	5/8"
SE3252	3/16"	3/8"	1 1/16"	5/8"
SE3256	1/4"	1/2"	1 1/4"	3/4"

1/2 SHANK BITS

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

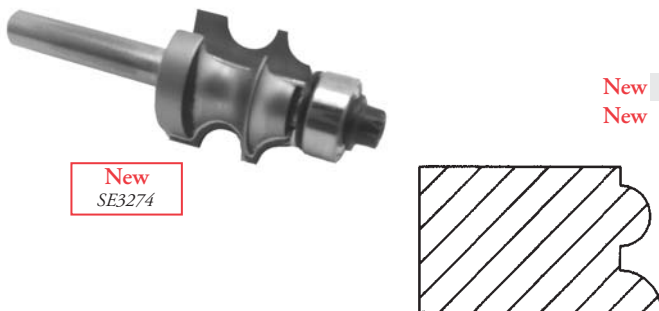
Carbide-Tipped Variable Beading Bits



1/2 SHANK BITS

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

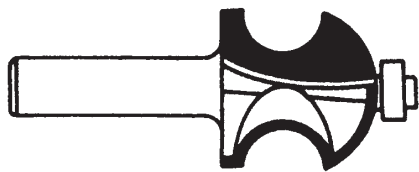
Carbide-Tipped Large Bead Bits



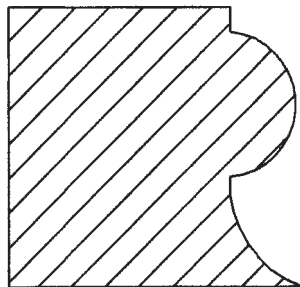
Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
New SE3274	5/32"	15/16"	5/8"	1/2"
New SE3276	3/8"	1 1/4"	1 7/16"	1/2"

SBE115 Bearing

Carbide-Tipped Bead & Cove Bit



New
SE3278



1/2 SHANK

	Part Number	Radius	Cutting Diameter	Cutting Length
New	SE3278	3/8"	1 1/4"	1 7/16"
	SBE115 Bearing			

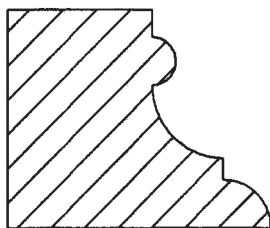
Carbide-Tipped Molding Bits



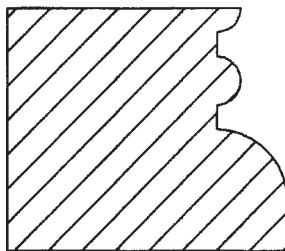
New
SE3280

1/2 SHANK BITS

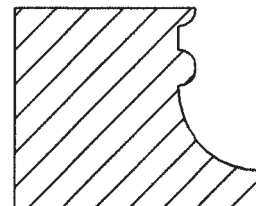
	Part Number	Bead Diameter	Large Diameter	Cutting Length
New	SE3280	1/4"	1 3/4"	1 1/8"
New	SE3282	1/4"	1 1/4"	15/16"
New	SE3284	3/16"	1 1/4"	13/16"
	SBE115 Bearing			



SE3280

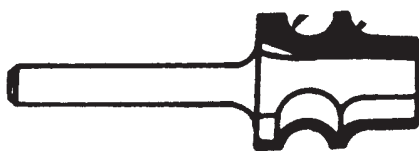


SE3282

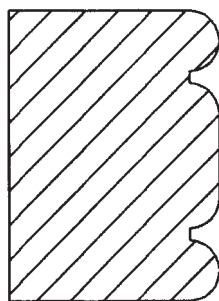


SE3284

Carbide-Tipped Taper Reed Bits



New
SE3286



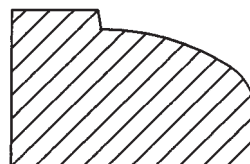
	Part Number	Radius	Cutting Diameter	Cutting Length	Shank Diameter
New	SE3286	5/32"	7/8"	1"	1/4"
New	SE3288	5/32"	7/8"	1"	1/2"

Carbide-Tipped Table Edge Bit

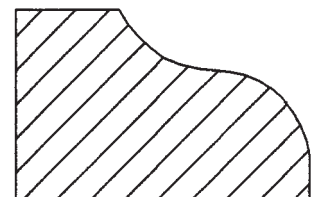


SE3294

	Part Number	Depth	Diameter	Cutting Length	Shank Diameter
	SE3294	1"	2 1/2"	3/4"	1/2"
New	SE3296	1"	2 1/2"	3/4"	1/2"
	SBE115 Bearing				

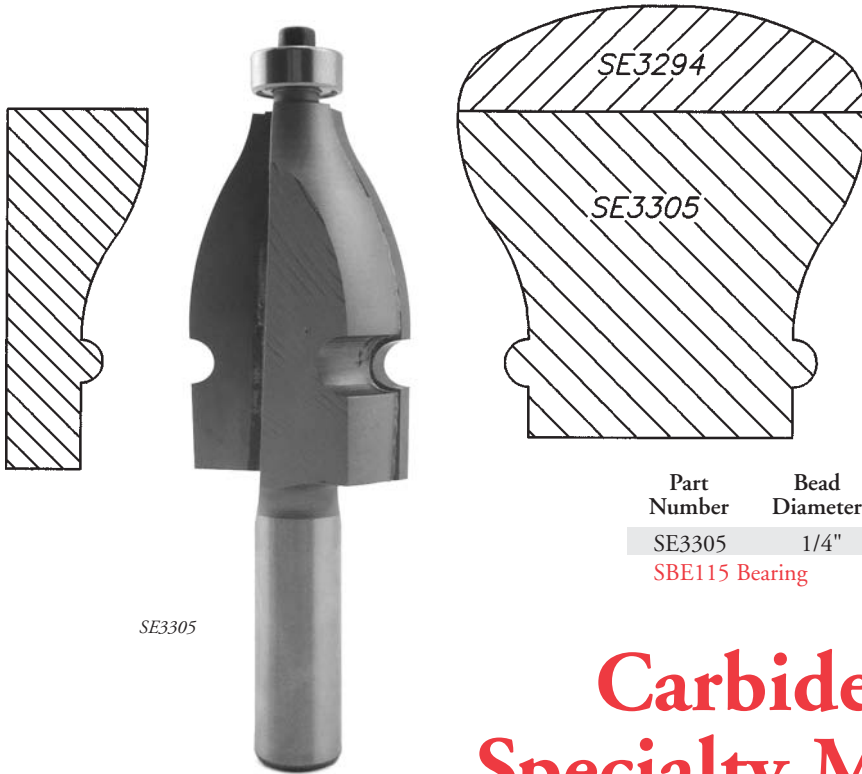


SE3294



New
SE3296

Carbide-Tipped Handrail Bits



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	Large Diameter	Cutting Length	Shank Diameter	Overall Length
SE3305	1/4"	1 1/4"	2"	1/2"	4"

SBE115 Bearing

SE3305

Carbide-Tipped Specialty Molding Bits

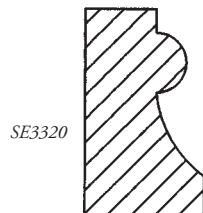
1/2 SHANK BITS

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"

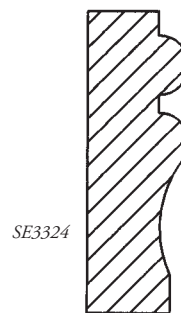
SBE115 Bearing



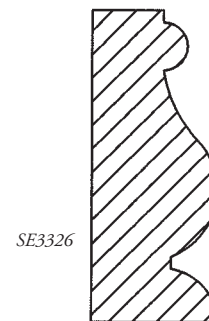
SE3330



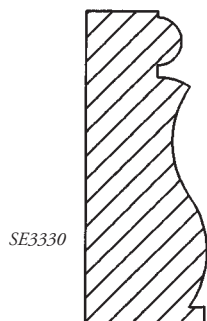
SE3320



SE3324



SE3326

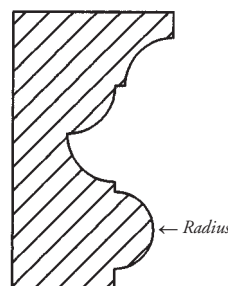


SE3330

Carbide-Tipped Classical Multi-form Bit



SE3342

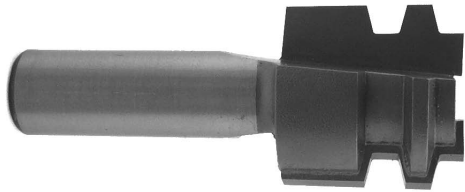


1/2 SHANK BITS

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

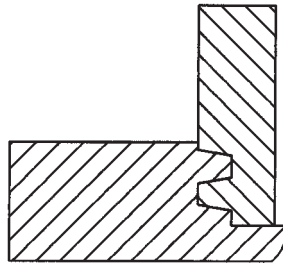
SBE115 Bearing

Carbide-Tipped Drawer Lock Bit



SE3352

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"

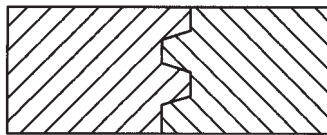


Carbide-Tipped Glue Joint Bit



SE3354

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

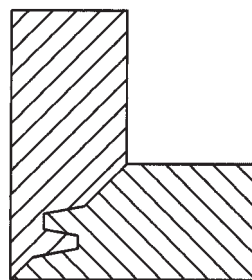


Carbide-Tipped 45° Lock Miter Bits



SE3362

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 Wedge Tongue & Groove



SE3370A

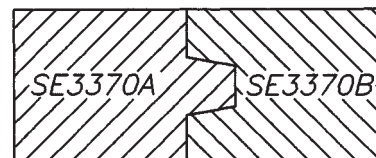
1/2 SHANK BITS, 2 PC. SET

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



SE3370B

To order individually:
SE3370A - Tongue
SE3370B - Groove



Carbide-Tipped Tongue & Groove Assembly

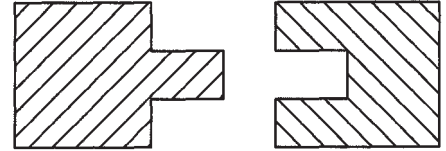


SE3375

1/2 SHANK BIT

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
 SAR500-1 7/16 - Arbor
 SBE125 - Bearing
 SESK-012 - Shim Kit

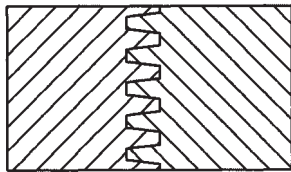


Carbide-Tipped Finger Joint Assembly



SE3385

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



New
SE3604

1/4 SHANK BITS

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

1/2 SHANK BITS

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



Carbide-Tipped Plunge Roundover Bits

1/4 SHANK BITS

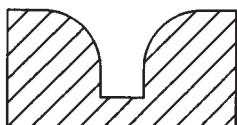
	Part Number	Radius	Large Diameter	Small Diameter	Cutting Length
New	SE2050	1/8"	3/8"	1/4"	1/4"
New	SE2051	3/16"	5/8"	1/4"	1/8"

1/2 SHANK BITS

	Part Number	Radius	Large Diameter	Small Diameter	Cutting Length
New	SE2055	1/4"	3/4"	1/4"	1/4"
	SE2056	1/4"	3/4"	1/4"	3/8"
New	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"



SE2060



Carbide-Tipped Classical Round Bottom Bits

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



New
SE3728



Carbide-Tipped MDF Door Bits

1/2 SHANK – STILE PROFILE

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



New
SE5620

1/2 SHANK – PANEL PROFILE

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



New
SE5720



SE5610

SE5620

SE5710

SE5720

SE5725

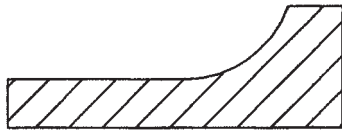
Carbide-Tipped Vertical Panel Bits

1/2 SHANK BITS

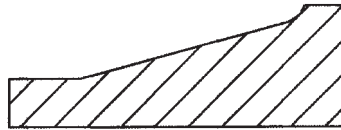


New
SE5802

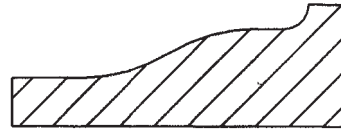
	Part Number	Cutting Diameter	Cutting Length	Style
New	SE5801	1"	1 1/2"	Cove
New	SE5802	1"	1 1/2"	Straight
New	SE5804	1"	1 1/2"	Ogee
New	SE5805	1"	1 1/2"	Ogee Bead



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



SE5900B



SE5900E



SE5900H

Carbide-Tipped Stile & Rail Bits

1/2 SHANK, 2 PC SET



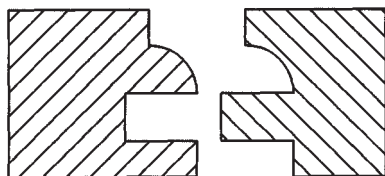
SE6001

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

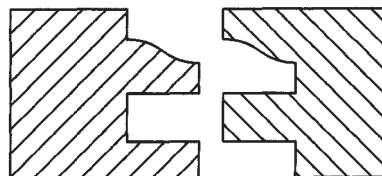
Bearing SBE125

Shim Kit Part #SESK-012

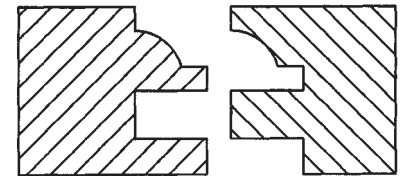
Groover Part #SE6000G



SE6001 Round

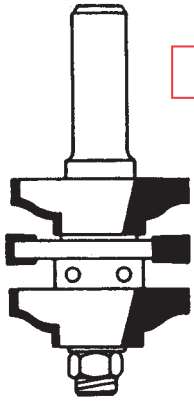


SE6002 Ogee

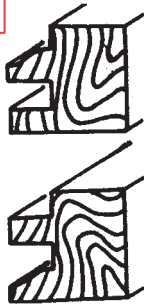


SE6003 Bead

Carbide-Tipped Double Stile & Rail Bits



New
SE6007



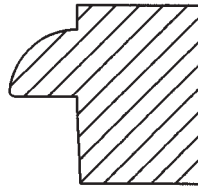
1/2 SHANK

Part Number	Cutting Diameter	Cutting Depth	Pattern
New SE6007	1 5/8"	3/8"	Ogee
Bearing SBE125			
Shim Kit Part #SESK-012			

Carbide-Tipped Recessed Door Edge Bit



SE6010

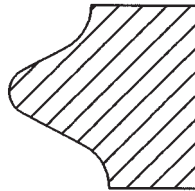


Part Number	Cutting Diameter	Cutting Length	Shank
SE6010	1 1/2"	1 3/16"	1/2"

Carbide-Tipped European Door Edge Bit



SE6016

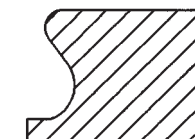


Part Number	Large Diameter	Small Diameter	Shank Diameter	Overall Length
SE6016	1 3/4"	5/8"	1/2"	2 3/8"

Carbide-Tipped Drawer Pull Bits

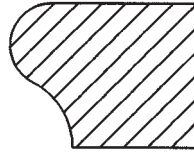


SE6024



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



These bits can be used for drawer pulls.

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

Carbide-Tipped Window Sash Bit



1/2 SHANK

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

New
SE6050



STILE CUT



RAIL CUT

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

Carbide-Tipped Plywood Bit (2 Flute)



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

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

Polished Solid Carbide Knives



SKN7506

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

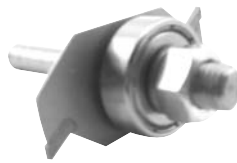
2 WING CUTTERS ONLY

1 7/8" Diameter x 5/16" Bore

Part Number	Kerf	
	Decimal	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"



SL062-2



SL062-2A2

Special sizes available, call for a quote.

SE3375G .281 9/32" 1 5/8" dia.

For Tongue & Groove Assembly

SE6000G .250 1/4" 1 5/8" dia.

For Stile & Rail Assembly

ASSEMBLY (2 Wing Cutters)

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 CUTTERS ONLY

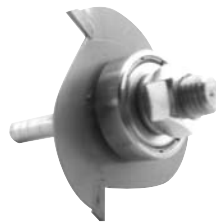
1 7/8" Diameter x 5/16" Bore

Part Number	Kerf	
	Decimal	Fractional
SL050-3	.050"	n/a
SL055-3	.055"	n/a
SL062-3	.062"	1/16"
SL070-3	.070"	n/a
SL080-3	.080"	n/a
SL093-3	.093"	3/32"
SL100-3	.100"	n/a
SL110-3	.110"	7/64"
SL115-3	.115"	n/a
SL125-3	.125"	1/8"
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"

New



SL125-3



SL062-3A2

ASSEMBLY (3 Wing Cutters)

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
SL080-3A2	SL080-3A5
SL093-3A2	SL093-3A5
SL100-3A2	SL100-3A5
SL110-3A2	SL110-3A5
SL115-3A2	SL115-3A5
SL125-3A2	SL125-3A5
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.

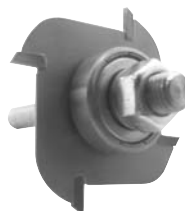
4 WING CUTTERS ONLY

1 7/8" Diameter x 5/16" Bore

Part Number	Kerf	
	Decimal	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"



SL093-4



SL062-4A2

ASSEMBLY (4 Wing Cutters)

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



ASSEMBLY (3 Wing Cutters)

1/4" Shank Part Number	1/2" Shank Part Number
New FBL062-3A2	FBL062-3A5
New FBL093-3A2	FBL093-3A5
New FBL125-3A2	FBL125-3A5
New FBL157-3A2	FBL157-3A5
New FBL187-3A2	FBL187-3A5
New FBL250-3A2	FBL250-3A5

ARBORS FOR SLOTTING CUTTERS



SAR250

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 3/8"
SAR500	1/2"	5/16"	7/8"	2 3/8"
SAR500-1 7/16	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).



SDR187-4

4 WING & 6 WING DRAWER SLOT CUTTERS

1 1/4" Diameter x 5/16" Bore

Part Number	Wings	Kerf	
		Decimal	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"

Special sizes available, call for a quote.

4 WING & 6 WING DRAWER SLOT CUTTERS

1 1/4" Diameter x 3/8"-24^{thd}"

JEMCO MACHINE



SJM250-6

Part Number	Wings	Kerf	
		Decimal	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.

2 WING CUTTERS FOR TOPMASTER MACHINE

2 1/2" Diameter x 3/8" Bore

Part Number	Decimal	Fractional
New STOP060	.060"	n/a
STOP062	.062"	1/16"
New STOP070	.070"	n/a
STOP080	.080"	n/a
STOP090	.090"	n/a
New STOP093	.093"	3/32"
New STOP095	.095"	n/a
STOP100	.100"	n/a
New STOP115	.115"	n/a
STOP125	.125"	1/8"

Special sizes available, call for a quote.
*3 wing sizes available, call for a quote.

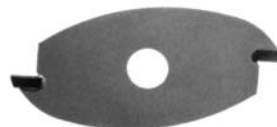
ARBORS FOR JEMCO SLOT CUTTERS

3/8" -24 Thread

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

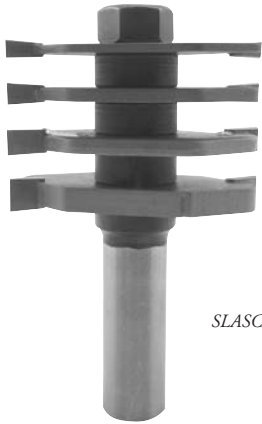


SARJM500



STOP062

Adjustable Slotting Cutter Assembly



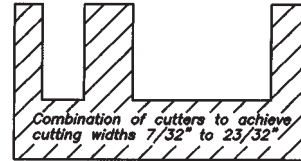
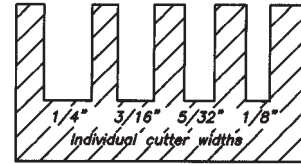
SLASCA

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	SAR500-1	7/16" Arbor
SL157-2	5/32" 2 Wing Slotter	SBE125	Bearing
SL187-2	3/16" 2 Wing Slotter	SESK-012	Shim Kit
SL250-2	1/4" 2 Wing Slotter		



Steel Router Collets



SE6400

Part Number	I.D	OD	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	10 mm	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

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

Template Guide Kit



SE9700

SE9700 Kit Includes:

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

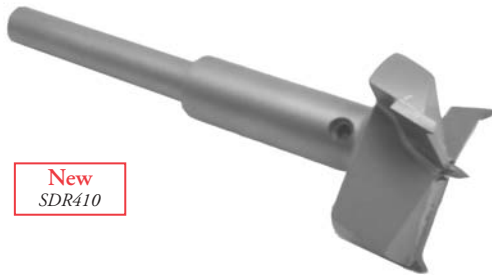
Guides and Nut can be ordered separately

Carbide-Tipped 3 Wing Drills

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



SDR350



New
SDR410

Part Number	Diameter	OAL	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"
SDR310	7/8"	6"	1/2"
New SDR315	15/16"	6"	1/2"
SDR320	1"	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"
SDR415	2 1/2"	6"	1/2"

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

Carbide-Tipped Door Knob 3 Wing Drill

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



SDK500

Part Number	Diameter	Shank	OAL	Description
SDK500	2 1/8"	1/2"	5 3/4"	No Flat
SDK510	2 1/8"	1/2"	5 3/4"	With Flat

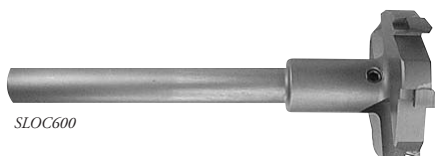
Replacement Part

SDK560 - Center Drill

SDK565 - Set Screw

Carbide-Tipped Door Bit

FOR AUTOMATED PRE-HUNG DOOR EQUIPMENT



SLOC600

Part Number	Description	Diameter	Shank	OAL
SLOC600	With Flat on SHK	2 1/8"	1/2"	5 3/4"
New SLOC605	3 Flats on SHK	2 1/8"	1/2"	5 3/4"
SLOC610	Without Flat	2 1/8"	1/2"	5 3/4"

High Speed Steel & Carbide Tipped Multi Spur Bits

HIGH SPEED STEEL



All 1/2" Shank unless noted
6" OAL
Made in Austria

Part Number	Diameter
SMSHS300	3/4"
SMSHS308	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"
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"
SMSHS440-3/4	3-1/8"
SMSHS440	3-1/8"
SMSHS445-3/4	3-1/4"
SMSHS445	3-1/4"
SMSHS450-3/4	3-1/2"
SMSHS450	3-1/2"
SMSHS455-3/4	3-3/4"
SMSHS455	3-3/4"
SMSHS460-3/4	4"
SMSHS460	4"

CARBIDE
TIPPED



All bits have a 1/2" Shank unless noted
6" OAL
US Made

Part Number	Description
SMS300	C/T Multi Spur 3/4
SMS305	C/T Multi Spur 3/16
SMS310	C/T Multi Spur 7/8
SMS315	C/T Multi Spur 15/16
SMS321	C/T Multi Spur 1
SMS325	C/T Multi Spur 1-1/16
SMS330	C/T Multi Spur 1-1/8
SMS335	C/T Multi Spur 1-3/16
SMS340	C/T Multi Spur 1-1/4
SMS345	C/T Multi Spur 1-5/16
SMS350	C/T Multi Spur 1-3/8
SMS355	C/T Multi Spur 1-7/16
SMS360	C/T Multi Spur 1-1/2
SMS365	C/T Multi Spur 1-9/16
SMS370	C/T Multi Spur 1-5/8
SMS375	C/T Multi Spur 1-11/16
SMS380	C/T Multi Spur 1-3/4
SMS385	C/T Multi Spur 1-13/16
SMS390	C/T Multi Spur 1-7/8
SMS395	C/T Multi Spur 1-15/16
SMS400	C/T Multi Spur 2
SMS411	C/T Multi Spur 2-1/8
SMS413	C/T Multi Spur 2-1/4
SMS414	C/T Multi Spur 2-3/8
SMS415	C/T Multi Spur 2-1/2
SMS420	C/T Multi Spur 2-5/8
SMS425	C/T Multi Spur 2-3/4
SMS430	C/T Multi Spur 2-7/8
SMS435	C/T Multi Spur 3
SMS440-3/4	C/T Multi Spur 3-1/8 3/4
SMS440	C/T Multi Spur 3-1/8
SMS445-3/4	C/T Multi Spur 3-1/4 3/4
SMS445	C/T Multi Spur 3-1/4
SMS450-3/4	C/T Multi Spur 3-1/2 3/4
SMS450	C/T Multi Spur 3-1/2
SMS455-3/4	C/T Multi Spur 3-3/4 3/4
SMS455	C/T Multi Spur 3-3/4
SMS460-3/4	C/T Multi Spur 4-3/4 SH
SMS460	C/T Multi Spur 4

Import

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

Carbide-Tipped Economy Door Bit



New
SE6100

	Part Number	Diameter	OAL	Shank
New	SE6100	2 1/8"	6"	1/2"

Carbide-Tipped Latch Bits

FOR AUTOMATED PRE-HUNG DOOR EQUIPMENT



SLAT780



SLAT790

	Part Number	Description	Diameter	Shank	OAL
New	SLAT670	Without Flat	7/8"	1/2"	6"
New	SLAT680	With Flat	7/8"	1/2"	6"
New	SLAT720	Without Flat	15/16"	1/2"	6"
New	SLAT730	With Flat	15/16"	1/2"	6"
	SLAT770	Without Flat	1"	1/2"	6"
	SLAT780	With Flat	1"	1/2"	6"
	SLAT790	Threaded	1"	7/16" Thrd	5 7/8"

Other sizes available including threaded shank.

Carbide-Tipped Brad Point Twist Drills



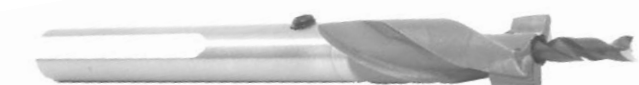
New
SBPT1

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

Carbide-Tipped Face Frame Bits



SFFB700



New
SFFB800

	Part Number	Description	Diameter	Pilot Drill	OAL
	SFFB700	Complete Assembly	3/8"	#29	4"
New	SFFB800	Complete Assembly	3/8"	#29	4"
	SFFB710	#29 Pilot Drill Only			
	SFFB720	Replacement Set Screw			

For: Evans, Ritter, Unique, Marcon and Norfield Face Frame Machines

Carving Rougher Bits



M2 Steel

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

Roundnose Carving Bits



New

M2 Steel

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

Carving Pod Bits



M2 Steel

	Part Number	Diameter	Cut Length	Rotation	Overall Length
New	SEPD187LH	3/16"	1"	LH	3"
New	SEPD187RH	3/16"	1"	RH	3"
New	SEPD250LH	1/4"	1"	LH	3"
New	SEPD250RH	1/4"	1"	RH	3"

Diamond Tipped Router Bits



	Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Description
New	SE280009	1/2"	1"	1/2"	1+1 with Carbide Plunge
New	SE280010	1/2"	1 3/8"	1/2"	1+1 with Carbide Plunge
New	SE280011	3/4"	1 5/8"	3/4"	1+1 with Carbide Plunge

Carbon Steel Router Blanks for Carbide Tipping

New!



All 1/2" Shank and 3" OAL
1/8" Under Size

Part Number	Diameter	Cutting Length
SECSRB-3/4	3/4"	1 1/2"
SECSRB-1	1"	1 1/2"
SECSRB-1 1/4	1-1/4"	1 1/2"
SECSRB-1 1/2	1-1/2"	1 1/2"
SECSRB-1 3/4	1-3/4"	1 1/2"
SECSRB-2	2"	1 1/2"
SECSRB-2 1/4	2-1/4"	1 1/2"
SECSRB-2 1/2	2-1/2"	1 1/2"

High Speed Steel Router Blanks Finished Ground

New!



All 1/2" Shank and 3" OAL

Part Number	Diameter	Cutting Length
SEHSSRB-3/4	3/4"	1 1/2"
SEHSSRB-1	1"	1 1/2"
SEHSSRB-1 1/4	1-1/4"	1 1/2"
SEHSSRB-1 1/2	1-1/2"	1 1/2"
SEHSSRB-1 3/4	1-3/4"	1 1/2"
SEHSSRB-2	2"	1 1/2"
SEHSSRB-2 1/4	2-1/4"	1 1/2"
SEHSSRB-2 1/2	2-1/2"	1 1/2"
SEHSSRB-2 3/4	2-3/4"	1 1/2"
SEHSSRB-3	3"	1 1/2"

Hollow Mortising Chisels - US

New!



Part Number	Diameter	Shank Diameter	Mortising Depth	Overall Length
SEHMC750	3/4"	1 1/8"	3"	5 1/2"
SECB-3/4	3/4"	1/2"	3" Cut Depth	9"
SECB-3/4 HS	3/4"	1/2"	3" Cut Depth	9"
SECB-3/4 CT	3/4"	1/2"	3" Cut Depth	9"

Each item is ordered separately
SEHMC750 is the Hollow Chisel
SECB-3/4 is the Chisel Bit (Carbon Steel)
SECB-3/4 HS (High Speed Steel)
SECB-3/4 CT (Carbide-Tipped)

Hollow Mortising Chisels - Import

New!

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

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

New!

Forstner Bits



New
Forstner Boring Bit
Style 55

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"

Square Corner Chisel

New!



New
SE9600

Part Number	Radius
SE9600	1/4"

Accessories

BALL BEARINGS



SBE125

Part Number	Outside Diameter	Inside Diameter	
SBE100	1/4"	1/8"	
SBE105	3/8"	1/8"	
SBE106	3/8"	1/4"	
SBE188	.365"	1/8"	(For sharpened tools)
SBE107	1/2"	1/8"	
SBE110	3/8"	3/16"	
SBE115	1/2"	3/16"	
SBE117	1/2"	3/16"	(Delrin Sleeve Bearing)
New SBE119	3/4"	6mm	
SBE190	.490"	3/16"	(For sharpened tools)
SBE193	.490"	1/4"	(For sharpened tools)
SBE120	3/4"	1/4"	
SBE195	.740"	3/16"	(For sharpened tools)
SBE197	.740"	1/4"	(For sharpened tools)
New SBE121	3/4"	1/4"	(Delrin Sleeve Bearing)
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"	
SBE130	5/8"	1/4"	
SBE135	5/8"	3/16"	
SBE138	11/16"	3/16"	
SBE140	3/4"	3/16"	
SBE145	1/2"	1/4"	
SBE147	1"	3/16"	
SBE150	1 1/8"	1/2"	
SBE155	3/4"	1/2"	
SBE160	11/16"	1/4"	
*SBESS	3/4"	1/4"	

*Used on Solid Surface Bits requiring angle bearing

DUST SHIELDS

To Reduce the Effect of Dust and Glues on Bearings



SDS115

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

BEARING LOCK COLLARS



SELC-1/4

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

RETAINING RINGS

Part Number	Rod Diameter	Package
New SE-E12	1/8"	10 pc
New SE-E25	1/4"	10 pc

BALL BEARINGS

(For sharpened tools)

Part Number	Outside Diameter	Inside Diameter
SBE188	.365"	1/8"
SBE190	.490"	3/16"
SBE193	.490"	1/4"
SBE195	.740"	3/16"
SBE197	.740"	1/4"

BEARING KITS

Part Number	Description
SBE200	BEARING KIT 5 PC. 3/8", 1/2", 5/8", 3/4" All with 3/16" ID 1 Hex Key Wrench
SBK022	SHARPENER'S BEARING KIT 22 PC. 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-1/4 5 PCS. SE540-1/4 1 PC. SELC-1/2 1 PC. SEHK-3/32

SHIM/SPACER KIT, 12 PC.

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: 6 mm, 1 mm, .5 mm, and .1 mm.

Part Number - SESK-012

SOCKET HEAD CAP SCREWS

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

Packaged 10 pieces per pack

HEX KEY WRENCHES

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

CNC Woodworking Collets

SYOZ 20 FOR WOODWORKING MACHINES (RD020)

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



SE03520-1/2

Part Number	Description	Dia (mm)	Length (mm)	Inside Dia.
SE03520-1/8	SYOZ 20 1/8" Collet	20	34	1/8"
SE03520-3/16	SYOZ 20 3/16" Collet	20	34	3/16"
SE03520-1/4	SYOZ 20 1/4" Collet	20	34	1/4"
SE03520-5/16	SYOZ 20 5/16" Collet	20	34	5/16"
SE03520-3/8	SYOZ 20 3/8" Collet	20	34	3/8"
SE03520-10	SYOZ 20 10mm Collet	20	34	10 mm
SE03520-7/16	SYOZ 20 7/16" Collet	20	34	7/16"
SE03520-1/2	SYOZ 20 1/2" Collet	20	34	1/2"

Other sizes available, call for pricing.

SYOZ 25 FOR WOODWORKING MACHINES (RD035)

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



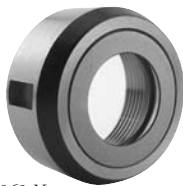
SE03868-1/2

Part Number	Description	Dia (mm)	Length (mm)	Inside Dia.
New SE03868-1/8	SYOZ 25 1/8" Collet	35	52	1/8"
New SE03868-3/16	SYOZ 25 3/16" Collet	35	52	3/16"
SE03868-1/4	SYOZ 25 1/4" Collet	35	52	1/4"
SE03868-5/16	SYOZ 25 5/16" Collet	35	52	5/16"
SE03868-3/8	SYOZ 25 3/8" Collet	35	52	3/8"
New SE03868-7/16	SYOZ 25 7/16" Collet	35	52	7/16"
SE03868-1/2	SYOZ 25 1/2" Collet	35	52	1/2"
New SE03868-9/16	SYOZ 25 9/16" Collet	35	52	9/16"
SE03868-5/8	SYOZ 25 5/8" Collet	35	52	5/8"
SE03868-3/4	SYOZ 25 3/4" Collet	35	52	3/4"
New SE03868-7/8	SYOZ 25 7/8" Collet	35	52	7/8"
SE03868-1	SYOZ 25 1" Collet	35	52	1"
SE03868-10	SYOZ 25 10mm Collet	35	52	10mm
New SE03868-16	SYOZ 25 16mm Collet	35	52	16mm
New SE03868-20	SYOZ 25 20mm Collet	35	52	20mm
New SE03868-25	SYOZ 25 25mm Collet	35	52	25mm

Other sizes available, call for pricing.

ULTRA HIGH SPEED COATED CLAMPING NUTS

Compatible with RDO and Ortlieb Nuts Above



SE03868 Nut

Part Number	Description	Dia (mm)	Length (mm)	
SE03520	SYOZ 20/RDO 20	35	20	
SE03868	SYOZ 25/RDO 35	60	30	
SE03520-L	SYOZ 20/RDO 20	35	20	Lefthand

SPANNER WRENCHES

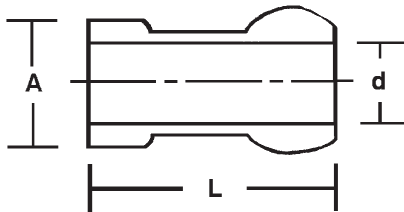
(For SYOZ 20 and SYOZ 25 Above)

Part Number	Type
SE22220	SYOZ 20/RDO 20
SE03691	SYOZ 25/RDO 35

CNC Woodworking Collets



SESD-20mm



SHODA COLLETS (OLD STYLE)

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



SESD-C001

SHODA COLLETS (PIGGY BACK)

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



SESD-C015

SHODA COLLETS (NEW STYLE)

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



Super Shoda

SHODA COLLETS (SUPER SHODA)

Part Number	Description	Dia (mm) (A)	Length (L)	Inside Dia. (d)
SESS-22-1/4	Super Shoda 30,000 RPM	23 mm	40 mm	.250
SESS-22-3/8	Super Shoda 30,000 RPM	23 mm	40 mm	3/8
SESS-22-10mm	Super Shoda 30,000 RPM	23 mm	40 mm	10mm
SESS-22-1/2	Super Shoda 30,000 RPM	23 mm	40 mm	1/2
SESS-22-Nut	Nut for Super Shoda	36 mm	15 mm	

*Other sizes available, call for pricing.



Super Shoda

SHODA NUTS

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

CNC Woodworking Collets

ER PRECISION COLLETS

ER11	ER16	ER20	ER25	ER32	ER40	SHANK
SE04211-1/16	SE04216-1/16					1/16"
SE04211-3/32	SE04216-3/32	SE04220-3/32	SE04225-3/32	SE04232-3/32		3/32"
SE04211-1/8	SE04216-1/8	SE04220-1/8	SE04225-1/8	SE04232-1/8	SE04240-1/8	1/8"
SE04211-5/32	SE04216-5/32	SE04220-5/32	SE04225-5/32	SE04232-5/32	SE04240-5/32	5/32"
SE04211-3/16	SE04216-3/16	SE04220-3/16	SE04225-3/16	SE04232-3/16	SE04240-3/16	3/16"
SE04211-7/32	SE04216-7/32	SE04220-7/32	SE04225-7/32	SE04232-7/32	SE04240-7/32	7/32"
SE04211-1/4	SE04216-1/4	SE04220-1/4	SE04225-1/4	SE04232-1/4	SE04240-1/4	1/4"
	SE04216-9/32	SE04220-9/32	SE04225-9/32	SE04232-9/32	SE04240-9/32	9/32"
	SE04216-5/16	SE04220-5/16	SE04225-5/16	SE04232-5/16	SE04240-5/16	5/16"
	SE04216-8	SE04220-8	SE04225-8	SE04232-8	SE04240-8	8mm
	SE04216-11/32	SE04220-11/32	SE04225-11/32	SE04232-11/32	SE04240-11/32	11/32"
	SE04216-3/8	SE04220-3/8	SE04225-3/8	SE04232-3/8	SE04240-3/8	3/8"
	SE04216-10	SE04220-10	SE04225-10	SE04232-10	SE04240-10	10mm
	SE04216-13/32	SE04220-13/32	SE04225-13/32	SE04232-13/32	SE04240-13/32	13/32"
		SE04220-7/16	SE04225-7/16	SE04232-7/16	SE04240-7/16	7/16"
		SE04220-15/32	SE04225-15/32	SE04232-15/32	SE04240-15/32	15/32"
		SE04220-1/2	SE04225-1/2	SE04232-1/2	SE04240-1/2	1/2"
			SE04225-17/32	SE04232-17/32	SE04240-17/32	17/32"
			SE04225-9/16	SE04232-9/16	SE04240-9/16	9/16"
			SE04225-19/32	SE04232-19/32	SE04240-19/32	19/32"
			SE04225-5/8	SE04232-5/8	SE04240-5/8	5/8"
				SE04232-21/32	SE04240-21/32	21/32"
				SE04232-11/16	SE04240-11/16	11/16"
				SE04232-23/32	SE04240-23/32	23/32"
				SE04232-3/4	SE04240-3/4	3/4"
					SE04240-1	1"



Collet ER32

Please  our new sizes.

See Chart on page for dimensions.

Other sizes available. Call for pricing.

ER PRECISION COLLET SETS

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

Sets come in wooden tray. Plastic box sold separately.

New!



TG PRECISION COLLETS

TG75	TG100	TG150	SHANK
SE04008-1/4	SE04010-1/4		1/4"
SE04008-3/8	SE04010-3/8		3/8"
SE04008-1/2	SE04010-1/2	SE04011-1/2	1/2"
SE04008-5/8	SE04010-5/8	SE04011-5/8	5/8"
SE04008-3/4	SE04010-3/4	SE04011-3/4	3/4"
	SE04010-7/8	SE04011-7/8	7/8"
	SE04010-1	SE04011-1	1"

See Chart on page 54 for dimensions. Other sizes available. Call for pricing.

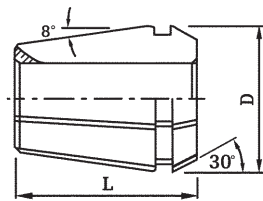
HEIAN COLLETS

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

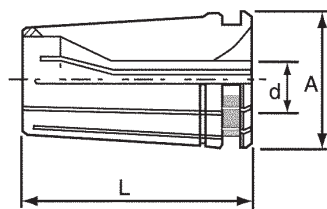
Easy Collet Reference Sheet

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

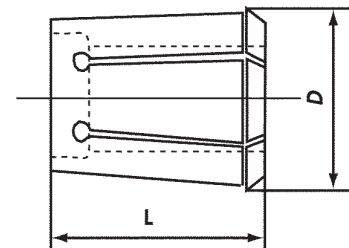
COLLET SERIES	LENGTH	DIAMETER
ER 11	18mm (0.708")	11.5mm (0.45")
ER 16	27.5mm (1.08")	17mm (0.67")
ER 20	31.5mm (1.24")	21mm (0.83")
ER 25	34mm (1.34")	26mm (1.02")
ER 32	40mm (1.57")	33mm (1.31")
ER 40	46mm (1.81")	41mm (1.61")
SYOZ 20-RDO 20-EOC 12	34mm (1.34")	20mm (0.78")
EOC 12 RDO 25	40mm (1.57")	25.5mm (1")
SYOZ 25-RDO 35	52mm (2.06")	35mm (1.38")
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 Collet



TG Collet



SYOZ Collet

ER High Speed Coated Nuts

Part Number	Description	Diameter	Inside Diameter	Length	Spanner	Max 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.

See page 58 for ER Mini Nuts



ER32 Nut

ER Spanner Wrenches

TYPE A, UM, RU, M



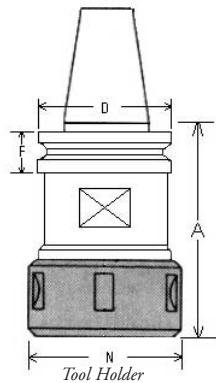
Part Number	Description	Collet Nut	Length	Width
SE04608	ER11 Wrench	SE46111	120	40
SE04609	ER16 Wrench	SE46116	160	55
SE04610	ER20 Wrench	SE46120	180	60
SE04615	ER25 Wrench	SE46125	206	65
SE04616	ER32 Wrench	SE46132	253	75
SE04617	ER40 Wrench	SE46140	289	90
New SE04620	ER 8 Wrench	SE23108	75	13
New SE04621	ER 11 Wrench	SE23111	95	17
New SE04622	ER 16 Wrench	SE23116	117	22.5
New SE04623	ER 20 Wrench	SE23120	129	28.5
New SE04624	ER 25 Wrench	SE23125	142.5	35.5

Tool Holders for CNC Routers

ISO AND SK COLLET HOLDERS

Part Number	Description	D	A	F	N	Collet Nut*	Wrench
SE06000-2016M	ISO 20 x ER 16M-52mm	30	52	15.9	22	33116	04622
SE06000-2516	ISO 20 x ER 16-52mm	30	52	15.9	32	46116	04613
SE06000-2520	ISO 20 x ER 20-52mm	30	52	15.9	35	46210	04614
New SE12407-W	ISO 30 x ER 11M-100mm	50	100	15.9	16	Included	04621
SE12000-CMS	ISO 30 x ER 32-CMS	46	58	15.9	50	46132	04616
SE12040	ISO 30 x ER 40-CMS	46	66	15.9	63	46140	04617
SE12213-W-50	ISO 30 x ER 32-50mm	50	50	15.9	50	46132	04616
SE12213-W-50-L	ISO 30 x ER 32-50mm Left	50	50	15.9	50	41932-L	04616
SE12213-W-63	ISO 30 x ER 32-63mm	50	63	15.9	50	46132	04616
SE12213-W-63-L	ISO 30 x ER 32-63mm Left	50	63	15.9	50	41932-L	04616
SE12213-W-90	ISO 30 x ER 32-90mm	50	90	15.9	50	46132	04616
SE12215-W-57	ISO 30 x ER 40-57mm	50	57	15.9	63	46140	04617
New SEPE30DF2056	ISO 30 x ER 32					Included	04616
New SEPE30DM20	ISO 30 x ER 32 W/Locking Teeth					Included	04616
SE12261-W	ISO 40 x ER40-70mm	63.55	70	15.9	63	46140	04617
New SENT-54300130	SK-30 x OZ 25 Toolholder	46	70	15.9	60	Included	03691
New SENT-54300130-L	SK-30 x OZ 25 LH Toolholder	46	70	15.9	60	Included	03691

*Order Collet Nut separately unless it is included with holder.
Dimensions in millimeters.



BT30 and BT35 Chucks



Part Number	Description	D	A	F	N	Collet Nut	Wrench
SE06106-W	BT30 x ER 20-70mm w/o Slots	46	70	20	35	46120	04614
SE06112	BT30 x ER 32-60mm w/ Slots	46	60	20	50	46132	04616
SE06113-W-60	BT30 x ER 32-60mm w/o Slots	46	60	20	50	46132	04616
SE06113-W-90	BT30 x ER 32-90mm w/o Slots	46	90	20	50	46132	04616
SE06113-W-60L	BT30 x ER 32-60mm Left Hand	46	60	20	50	41932-L	04616
SE06113	BT30 x ER 32-70 w/ Slots	46	70	20	50	46132	04616
SE06001-W	BT30 x SYOZ 25-70 mm w/o Slots	46	70	20	60	included	03691
SE06001	BT30 x SYOZ 25-70 mm	46	70	20	60	included	03691
SE06010	BT35 x SYOZ 25-76 mm	53	76	22	60	included	03691
SE061BT353276	BT35 x ER 32-76 mm	53	76	22	50	46132	04616

*Order Collet Nut separately unless it is included with holder.
Dimensions in millimeters.

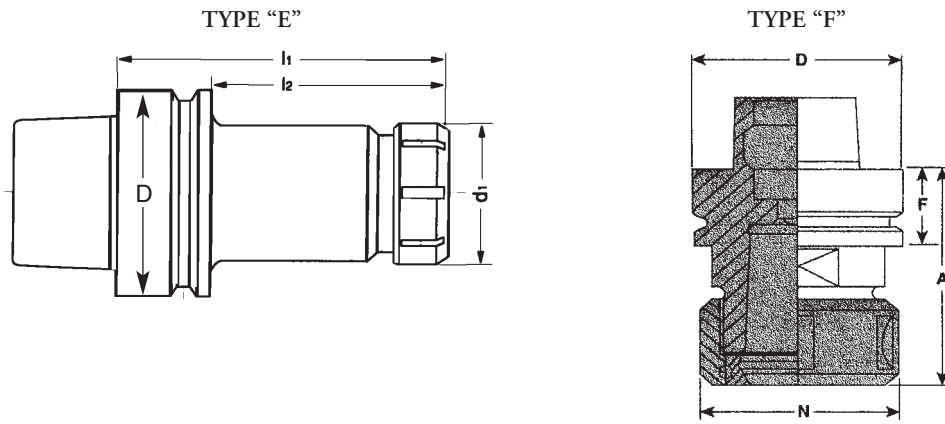
HSK Collet Holders for CNC Routers

New!

HSK "E" COLLET TOOLHOLDERS

HSK E Holders

Part Number	Description	D	d1	L1	L2	Collet Nut	Wrench
SE8905001	HSK 40E x ER16 - 65	40mm	28mm	65mm	45mm	SE46116	SE04613
SE8905002	HSK 40E x ER25 - 75	40mm	42mm	75mm	55mm	SE46125	SE04615
SE8905003	HSK 40E x ER32 - 100	40mm	50mm	100mm	80mm	SE46132	SE04616
SE8505002	HSK 50E x ER32 - 85	50mm	50mm	85mm	59mm	SE46132	SE04616
SE8605002	HSK 63E x ER32 - 90	63mm	50mm	90mm	64mm	SE46132	SE04616
SE8605003	HSK 63E x ER40 - 120	63mm	63mm	120mm	94mm	SE46140	SE04617
SE50001	HSK 63E x ER40 - 75	63mm	63mm	75mm	49mm	SE46140	SE04617

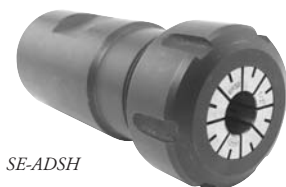


HSK "F" COLLET TOOLHOLDERS

HSK F Holders

Part Number	Description	D	A	F	N	Collet Nut	Wrench
SE40050	HSK 50F x ER32 - 80mm	50mm	80mm	26mm	50mm	46132	04616
SE17105-008001	HSK 63F x ER16 - 60mm	63mm	60mm	26mm	32mm	46116	04613
SE17105-008002	HSK 63F x ER16 - 100mm	63mm	100mm	26mm	32mm	46116	04613
SE30000	HSK 63F x ER32 - 70mm	63mm	70mm	26mm	50mm	46132	04616
SE30001	HSK 63F x ER40 - 76mm	63mm	76mm	26mm	63mm	46140	04617
New SE30002	HSK 63F x ER40 - 90mm	63mm	90mm	26mm	63mm	46140	04617
New SE30005	HSK 63F x ER40 - 125mm	63mm	125mm	26mm	63mm	46140	04617
SE41025	HSK 63F x SYOZ 25 - 80mm	63mm	80mm	26mm	60mm	03638	03691

Old Style Adapter for Shoda Spindle



*This fixture threads onto the spindle shaft so you can run 3/4 shank tools and use ER collets.

*Supplied with nut and wrench flats.

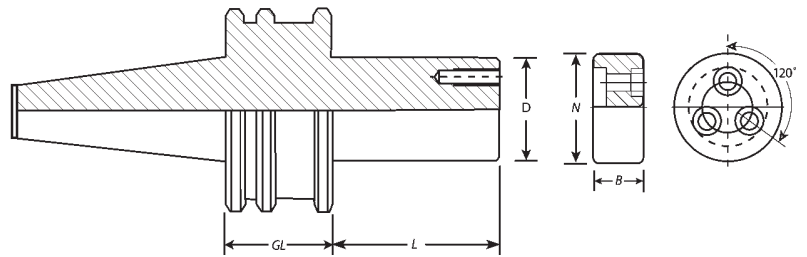
Part Number	Description	Collet ER Series
SE-ADSH	1 3/4" Outside Dia. x 4 1/4" OAL	SE04232

ISO 30 and HSK 63F Arbors

New!



ISO 30



Special 3 screw design for enhanced safety

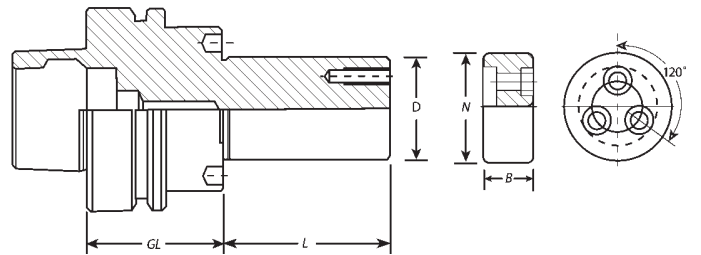
Part Number	Description	L	GL	D	B	N
SE12700-40	ISO 30 x 1 1/4" x 40mm arbor	40mm	42mm	1 1/4"	20mm	42mm
SE12700-55	ISO 30 x 1 1/4" x 55mm arbor	55mm	42mm	1 1/4"	20mm	42mm
SE12700-80	ISO 30 x 1 1/4" x 80mm arbor	80mm	42mm	1 1/4"	20mm	42mm
SE12700-100	ISO 30 x 1 1/4" x 100mm arbor	100mm	42mm	1 1/4"	20mm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

Special sizes made to your specifications. [Contact us](#) for details.

New!



HSK 63F



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

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	OAL	DIA	Collet	Wrench	Nut
New SE04889	3/8"	124mm	12mm	ER8	04620	SE23108
SE04891	1/2"	166.5mm	16mm	ER11	04621	SE23111
SE04893	5/8"	158.5mm	16mm	ER11	04621	SE23111
SE04895	1/2"	177mm	22mm	ER16	04622	SE23116
SE04896	3/4"	165mm	22mm	ER16	04622	SE23116
New SE04897	1"	168mm	28mm	ER20	04623	SE23120
New SE04898	3/4"	140mm	35mm	ER25	04624	SE23125



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

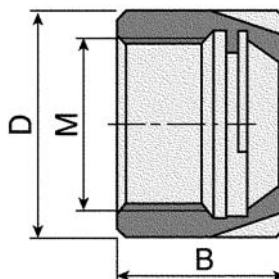
ER Mini Nuts

New!

Part Number	Description	D	B	M	Wrench	Max. Torque
SE23108	ER 8 Mini Nut	12mm	11mm	M10 x 0.75	04620	7 ft/lbs
SE23111	ER 11 Mini Nut	16mm	12mm	M13 x 0.75	04621	14 ft/lbs
SE23116	ER 16 Mini Nut	22mm	18mm	M19 x 1.0	04622	22 ft/lbs
SE23120	ER 20 Mini Nut	28mm	19.5mm	M24 x 1.0	04623	25 ft/lbs
SE23125	ER 25 Mini Nut	35mm	21mm	M30 x 1.0	04624	29 ft/lbs



ER High Speed Nut



HIGH SPEED

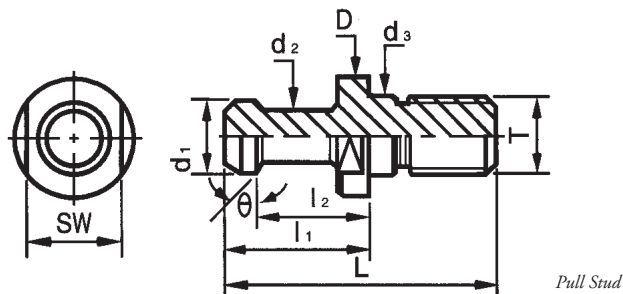
Use ER High Speed mini nuts for applications where speed exceeds 10,000 RPM's. They are balanced to G2.5 for 20,000 RPM's. These nuts are used on collet holders and multi-spindle heads where center or shoulder distances are important.

New!

Part Number	Description	D	B	M	Wrench	Max. Torque
SE33108	ER 8 HS Mini Nut	12mm	11mm	M10 x 0.75	04620	7 ft/lbs
SE33111	ER 11 HS Mini Nut	16mm	12mm	M13 x 0.75	04621	14 ft/lbs
SE33116	ER 16 HS Mini Nut	22mm	18mm	M19 x 1.0	04622	22 ft/lbs
SE33120	ER 20 HS Mini Nut	28mm	19.5mm	M24 x 1.0	04623	25 ft/lbs
SE33125	ER 25 HS Mini Nut	35mm	21mm	M30 x 1.0	04624	29 ft/lbs
SE33125-L	ER 25 HS L-Hand Nut	35mm	21mm	M30 x 1.0	04624	29 ft/lbs

Pull Studs for CNC Routers

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	M12
SE13001	DAT 30-A	17	13	9	13	44	24	19	M12
SE13001-45	Colombo 30 Ball	17	12.8	9	13	44	24	19	M12
SE13019	HSD ISO 30	17	12	8	13	44	23.9	—	M12
SE07801	BT 30-45°	16.5	11	7	12.5	43	23	—	M12
New SE07803	BT 40-45°	23	15	10	17	60	35	28	M16
New 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
New SE07808	BT 40-60°	23	15	10	17	60	35	28	M16
New SE07810	BT 50-60°	38	23	17	25	85	45	35	M24
New SE07812	BT 30-90°	16.5	11	7	12.5	43	23	8	M12
New SE07814	BT 40-90°	23	15	10	17	60	35	28	M16
SE4403502	BT 35-Heian	20	13	8.5	12.5	43	28	22.5	M12
SE13003	DAT 40-A	23	19	14	17	54	26	20	M16



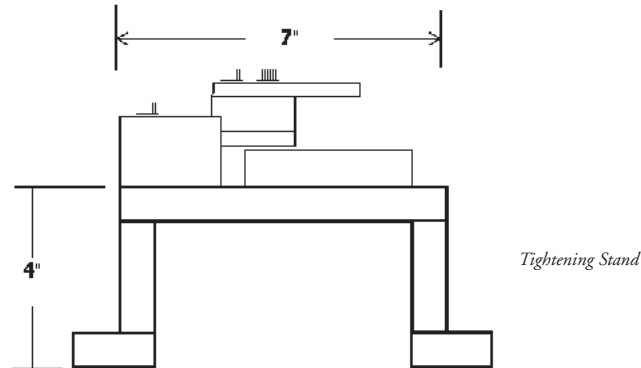
Pull Stud

- SE13001 Colombo Spindles
- SE13001-45 Columbo 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.

Tool Holder Tightening Stands

Part Number	Description	Used For
SETS-30-36	30 Taper w/ 36mm Wrench Flats	SE12213-W-63, SE12213-W90
SETS-30-38	30 Taper w/ 38mm Wrench Flats	SENT-5400130
SETS-30-41	30 Taper w/ 41mm Wrench Flats	SE06113-W-60
SETS-30-47	30 Taper w/ 47mm Wrench Flats	SE12213-W-50
SETS-63F-36	HSK63F w/ 36mm Wrench Flats	SE30000
SETS-63F-38	HSK63F w/ 38mm Wrench Flats	SE41025
SETS-63F-46	HSK63F w/ 46mm Wrench Flats	SE30001



Tightening Stand

Tightening Stand for ISO, HSK63, and BT30

New!



Item 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-BT30-41	BT 30 - taper 41mm flats	06113-W-60
SENTS-HSK63F-36	HSK 63F - 36mm flats	30000
SENTS-HSK63F-38	HSK 63F - 38mm flats	41025
SENTS-HSK63F-46	HSK 63F - 46mm flats	30001, 30005, 50001

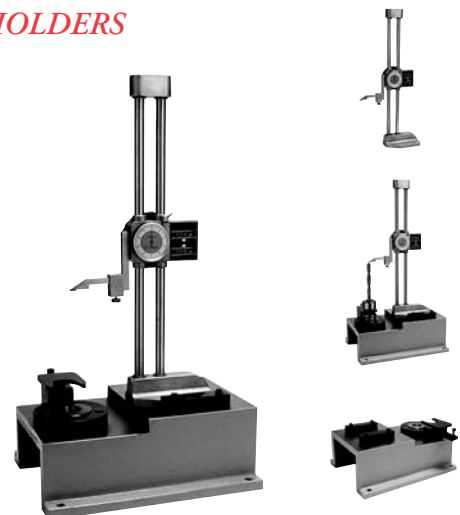
- New design for easy access to pull studs from bottom
- Constructed of precision machined anodized alloy
- Outstanding strength, speed, and durability
- Securely bolts right on CNC Machine or workbench

Height Gauge & Tightening Stand

FOR BT, CAT, ISO AND HSK TOOL HOLDERS

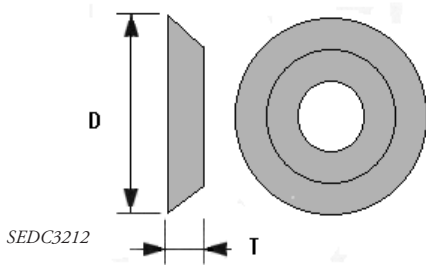
Part Number	Length	Height	Width	Weight	For
SE70000128-TK	12.6	4.75	7.5	43 lbs.	30 Taper
SE70000140-TK	12.6	4.75	7.5	43 lbs.	40 Taper
SE70000163-TK	12.6	4.75	7.5	43 lbs.	HSK63F
SE303-4401	Height Gauge Only				

Height Gauge & Tightening Stand



CNC Accessories

DUST COVERS FOR COLLET NUTS, 1 1/2 DIA. X 1/4 THICK



Part Number	Description
New SEDC32-3/16	Dust Cover 3/16 Shank
SEDC32-1/4	Dust Cover 1/4 Shank
New SEDC32-5/16	Dust Cover 5/16 Shank
SEDC32-3/8	Dust Cover 3/8 or 10 mm Shank
SEDC32-1/2	Dust Cover 1/2 Shank
SEDC32-5/8	Dust Cover 5/8 Shank
SEDC32-3/4	Dust Cover 3/4 Shank

*Sold in Packs of 5

Spindle Taper Wipers



Part Number	Taper	Length	Taper Length	Handle Diameter	Taper Max Dia.
SE07703	30	170	60	24	32
SE07704	40	188	78	24	45
SE07705	50	240	120	30	70
New SE07711	HSK63F	165	31	22	N/A

Collet Brushes



Collet Brushes

Part Number	Diameter
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

CMS Router Turret Collet Chuck



CMS Router Turret Collet

Part Number
SECMS-RR32
Includes Turret Nut but not Collet Nut

Torque Wrench



Torque Wrench

Part Number	Description	Range of Torque	Length	Spigot
SE200TH	Torque Wrench	30-150 ft. lbs	16.5	16 mm round
SE300TH	Torque Wrench	45-228 ft. lbs	21.5	16 mm round

Torque Wrench Accessories

New!

FOR BT, CAT, ISO AND HSK TOOL HOLDERS

New!



Part Number	Collet Nut Size	Wrench Type	Max. Torque*
SESDTWA	Fits all SD Collet Nuts	Hook	50 ft/lbs
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 Spanner	Slotted	95 ft/lbs
SE04587	ER 25 M	Castle	45 ft/lbs
SE04604-32	ER 32 Spanner	Slotted	125 ft/lbs
SE04605-40	ER 40 Spanner	Slotted	140 ft/lbs
SE03690-25	SYOZ 25/TG 100	Hook	100 ft/lbs



RETENTION KNOB SOCKETS

Part Number	Taper or Holder	Wrench Flats	Square Drive	Max. 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"	4.0 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 Orders

Use this guide to measuring your tools to determine what you need to re-order, or for special order toolholders built to your specifications.

Make and model of CNC router _____

Pull Stud Dimensions

P = _____

A = _____

L = _____

R = _____

Toolholder Dimensions

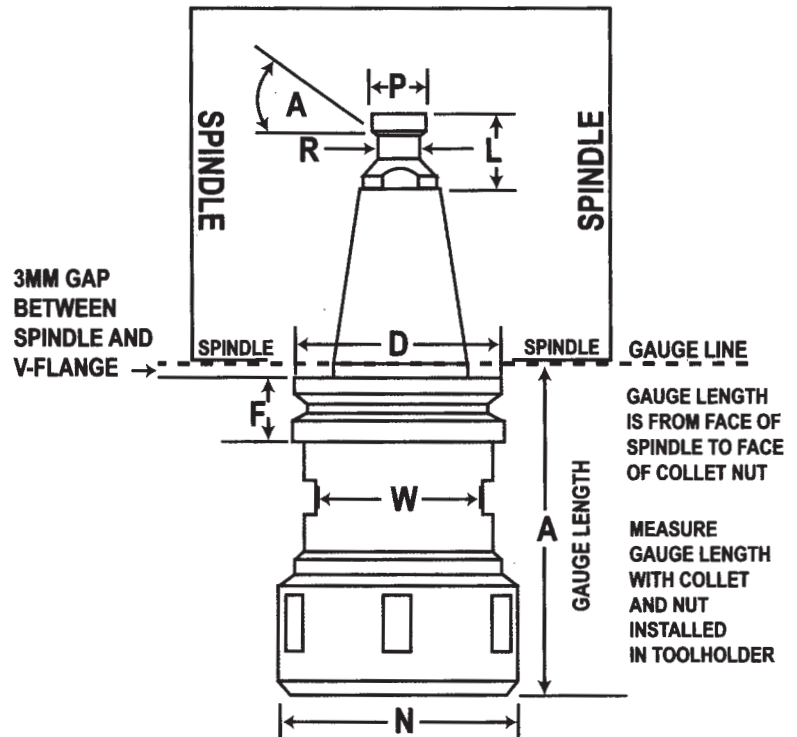
D = _____

F = _____

W = _____

A = _____

N = _____



Make and model of HSK spindle CNC Router _____

Toolholder Dimensions

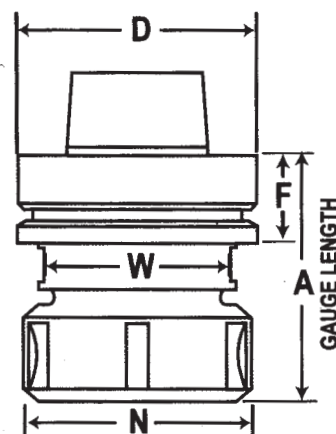
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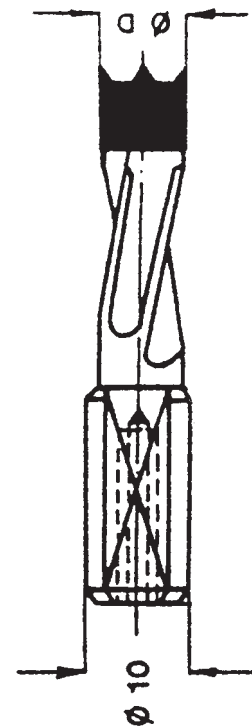
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Carbide-Tipped Metric Boring Bits

	Part Number		Diameter Brad Point 57 OAL	OAL	Shank
	RH	LH			
	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
New	SE57067RH	SE57067LH	6.7mm	57mm	10mm
	SE5707RH	SE5707LH	7mm	57mm	10mm
New	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
New	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

	Part Number		Diameter Brad Point 70 OAL	OAL	Shank
	RH	LH			
	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
New	SE70067RH	SE70067LH	6.7mm	70mm	10mm
	SE7007RH	SE7007LH	7mm	70mm	10mm
New	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



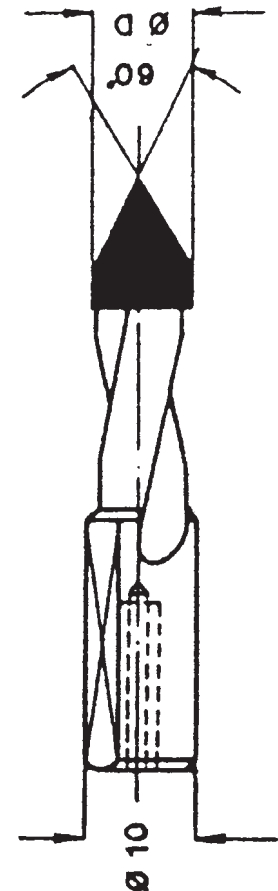
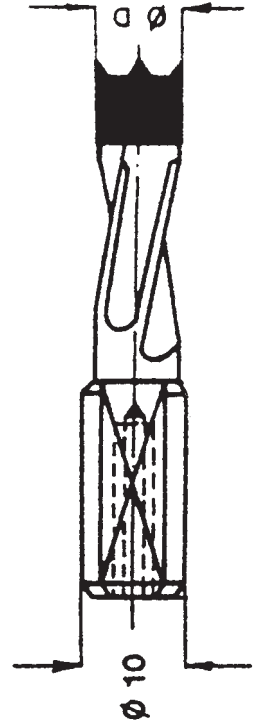
Carbide-Tipped Metric Boring Bits

	Part Number		Diameter		Shank
	RH	LH	Brad Point 70 OAL	OAL	
	SE7010RH	SE7010LH	10mm	70mm	10mm
	SE7011RH	SE7011LH	11mm	70mm	10mm
New	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
New	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
	SE7017RH	SE7017LH	17mm	70mm	10mm
	SE7018RH	SE7018LH	18mm	70mm	10mm
	SE7019RH	SE7019LH	19mm	70mm	10mm
	SE7020RH	SE7020LH	20mm	70mm	10mm

	Part Number		Diameter		Shank
	RH	LH	Brad Point 77 OAL	OAL	
	SE7705RH	SE7705LH	5mm	77mm	10mm
	SE7706RH	SE7706LH	6mm	77mm	10mm
	SE7707RH	SE7707LH	7mm	77mm	10mm
	SE7708RH	SE7708LH	8mm	77mm	10mm
	SE7710RH	SE7710LH	10mm	77mm	10mm
	SE7712RH	SE7712LH	12mm	77mm	10mm

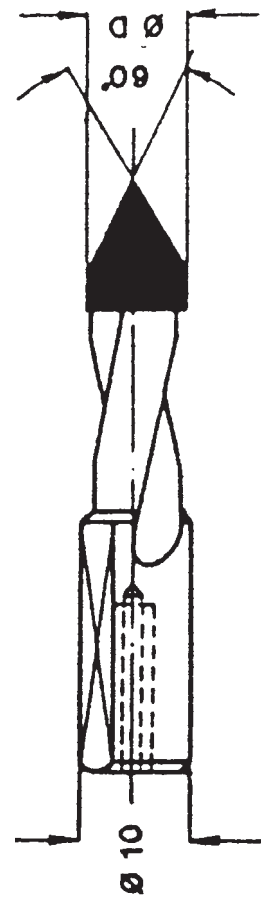
	Part Number		Diameter		Shank
	RH	LH	Brad Point 63.5 OAL	OAL	
New	SE63505RH	SE63505LH	5mm	63.5mm (2 1/2)	1/4"
New	SE635250RH	SE635250LH	6.35mm (1/4")	63.5mm (2 1/2)	1/4"

	Part Number		Diameter		Shank
	RH	LH	Thru V Point 58 OAL	OAL	
	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
	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
New	SEV58111RH	SEV58111LH	11.1mm (7/16")	58mm	10mm
	SEV5812RH	SEV5812LH	12mm	58mm	10mm
	SEV58500RH	SEV58500LH	12.7mm (1/2)	58mm	10mm
	SEV5813RH	SEV5813LH	13mm	58mm	10mm
	SEV5814RH	SEV5814LH	14mm	58mm	10mm
	SEV5815RH	SEV5815LH	15mm	58mm	10mm
	SEV5816RH	SEV5816LH	16mm	58mm	10mm
New	SEV5818RH	SEV5818LH	18mm	58mm	10mm



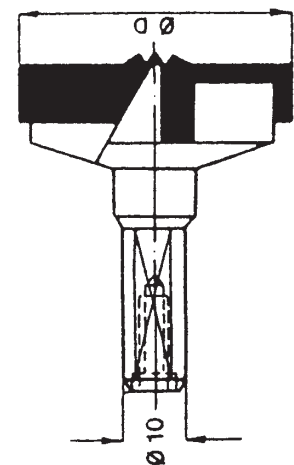
Carbide-Tipped Metric Boring Bits

	Part Number		Diameter		Shank
	RH	LH	Thru V Point 70 OAL	OAL	
	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
	SEV7008RH	SEV7008LH	8mm	70mm	10mm
New	SEV70082RH	SEV70082LH	8.2mm	70mm	10mm
	SEV7009RH	SEV7009LH	9mm	70mm	10mm
	SEV70375RH	SEV70375LH	9.52mm (3/8)	70mm	10mm
	SEV7010RH	SEV7010LH	10mm	70mm	10mm
New	SEV70104RH	SEV70104LH	10.4mm	70mm	10mm
	SEV7011RH	SEV7011LH	11mm	70mm	10mm
New	SEV70111RH	SEV70111LH	11.1mm (9/16")	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
New	SEV70142RH	SEV70142LH	14.2mm (9/16")	70mm	10mm
	SEV7015RH	SEV7015LH	15mm	70mm	10mm
	SEV7016RH	SEV7016LH	16mm	70mm	10mm
New	SEV7018RH	SEV7018LH	18mm	70mm	10mm
New	SEV7019RH	SEV7019LH	19mm	70mm	10mm



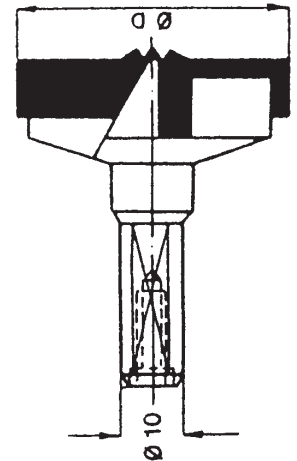
	Part Number		Diameter		Shank
	RH	LH	Thru V Point 77 OAL	OAL	
New	SEV7704RH	SEV7704LH	4mm	77mm	10mm
	SEV7705RH	SEV7705LH	5mm	77mm	10mm
	SEV7706RH	SEV7706LH	6mm	77mm	10mm
	SEV7707RH	SEV7707LH	7mm	77mm	10mm
	SEV7708RH	SEV7708LH	8mm	77mm	10mm
	SEV7710RH	SEV7710LH	10mm	77mm	10mm
	SEV7712RH	SEV7712LH	12mm	77mm	10mm

	Part Number		Diameter		Shank
	RH	LH	Hinge Bits x 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
	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



Carbide-Tipped Metric Boring Bits

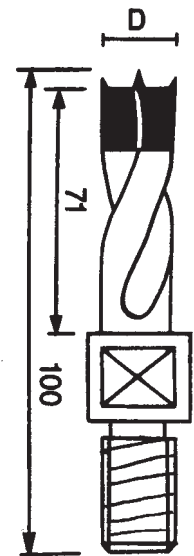
Part Number		Diameter		Shank
RH	LH	Hinge Bits x 70 OAL	OAL	
SEHB7015RH	SEHB7015LH	15mm	70mm	10mm
SEHB7016RH	SEHB7016LH	16mm	70mm	10mm
SEHB7017RH	SEHB7017LH	17mm	70mm	10mm
SEHB7018RH	SEHB7018LH	18mm	70mm	10mm
SEHB7019RH	SEHB7019LH	19mm	70mm	10mm
SEHB7020RH	SEHB7020LH	20mm	70mm	10mm
SEHB7022RH	SEHB7022LH	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



Carbide-Tipped Threaded Shank Dowel Drills

New!

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



Solid Carbide Drills

Part Number		Diameter	OAL	Shank
RH	LH			
Center Drills				
CD4502RH	CD4502LH	2mm	45mm	2mm
CD53025RH	CD53025LH	2.5mm	53mm	2.5mm
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

Solid Carbide Boring Bits with Steel Shank

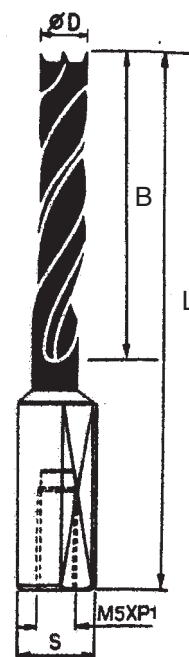
New!

BRAD POINT

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

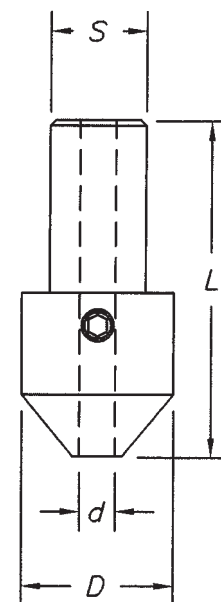
V-POINT

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



Drill Adapters

Part Number	d Drill Hole Size	D Diameter	L Length	S Shank
DA3502	2mm	15mm	35mm	10mm
DA35025	2.5mm	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

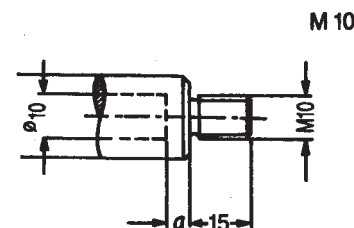


Drill Adapter

Chuck Adapters with Threaded Shank

New!

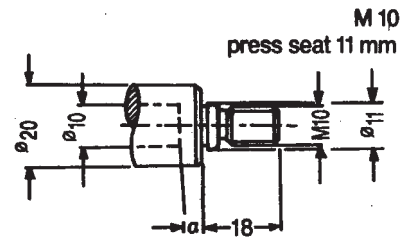
Part Number		Shank Threads	Machine(s)
RH	LH		
QCDA1001RH	QCDA1002LH	M10	Ayen, Mayer, Torwegge



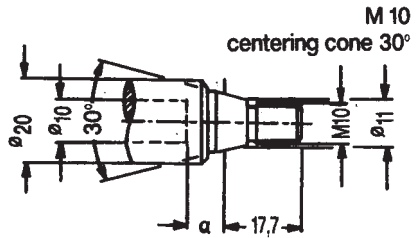
Chuck Adapters with Threaded Shank

New!

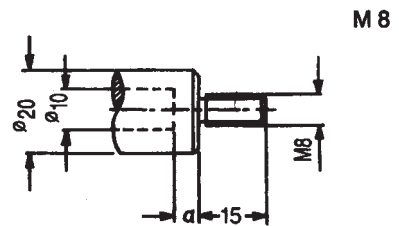
Part Number		Shank Threads	Machine(s)
RH	LH		
QCDA1003RH	QCDA1004LH	M10	Morbidelli, Weeke, Holtzer SCMI, Reimall, Vitap



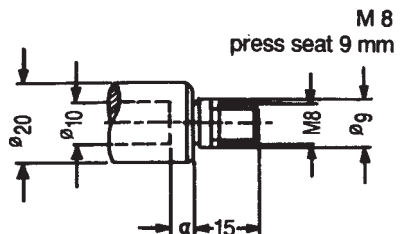
Part Number		Shank Threads	Machine(s)
RH	LH		
QCDA1005RH	QCDA1006LH	M10	Bussetatto, Ompec Bilek, Weeke



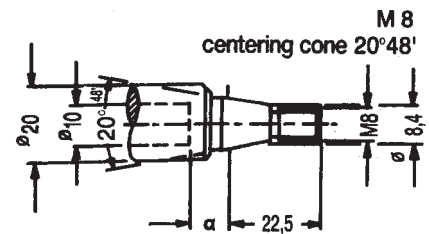
Part Number		Shank Threads	Machine(s)
RH	LH		
QCDA8001RH	QCDA8002LH	M8	Nottmeyer



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



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



Carbide-Tipped Counterbores

DRILL NOT INCLUDED — MUST ORDER BELOW

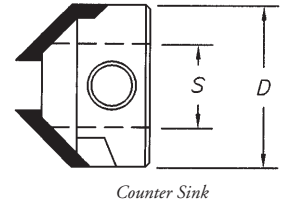
Part Number		Description	Shank	Overall Length
LH	RH			
SE940	SE942	3/8 CD Bit	10mm	1 3/4"
SE944	SE946	3/16 Drill	3/16	2 1/4"



SE942

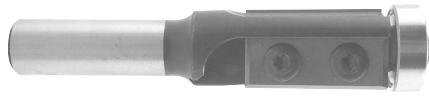
Carbide-Tipped Countersink Bits

Carbide-Tipped Countersinks			
For Clamping on the Spiral of the Brad Point or V Point Drill			
Part #		D	S
RH	LH	Diameter	Size
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
Carbide-Tipped Countersinks			
For Clamping on the Shank of the Brad Point or V Point Drill			
Part #		For sizes	Size
RH	LH		
CSH20510RH	CSH20510LH	5mm to 10mm	5mm to 10mm
CSH201112RH	CSH201112LH	11mm to 12mm	11mm to 12mm
Carbide-Tipped Countersink			
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	



SE918

Insert Router Bits



Insert Bit Bearing

FLUSH TRIM INSERT BITS

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

Use SI4-Screw

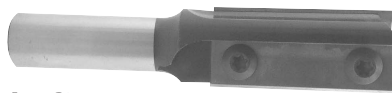


Insert Bit 1 Flute

1 FLUTE INSERT STRAIGHT BITS

Part Number	Diameter	Cut Length	Shank	OAL	Insert
SEIS1-53012	1/2	30 mm	1/2	3"	SI-2959015
SEIS1-73012	3/4	30 mm	1/2	3 3/8"	SI-2951215
SEIS1-74012	3/4	40 mm	1/2	3 3/8"	SI-3951215

Use SI35-Screw



Insert Bit

2 FLUTE INSERT STRAIGHT BITS

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

Use SICS-Screw

*Use SI4-Screw



SEINS-3/4



SEIT750-40

2 FLUTE INSERT TEMPLATE BITS

	Part Number	Cutting Diameter	Cutting Length	OAL	Bearing	Inserts
New	SEIT750-30	3/4	30 mm	3"	SBE155	SI-2951215
New	SEIT750-40	3/4	40 mm	3 5/16"	SBE155	SI-3951215
New	SEIT750-50	3/4	50 mm	3 11/16"	SBE155	SI-4951215
New	SEIT1125-30	1 1/8"	30 mm	3"	SBE150	SI-2951215
New	SEIT1125-40	1 1/8"	40 mm	3 5/16"	SBE150	SI-3951215
New	SEIT1125-50	1 1/8"	50 mm	3 11/16"	SBE150	SI-4951215

Use SI4-Screw

*Use SELC-1/2 Collar



SEIV91-1/2

1 FLUTE V-GROOVE BIT, 1/2 SHANK

	Part Number	Cutting Diameter	Cutting Length	Angle	Shank	OAL	Insert
New	SEIV90-1/2	25 mm	15.5 mm	90°	1/2"	2 5/8"	SI-151215
	SEIV91-1/2	18 mm	12 mm	91°	1/2"	2 5/16"	SI-121215

Use SI4-Screw

Insert Router Bits



22 DEGREE BEVEL BITS, 2 FLUTE

	Part Number	Small Diameter	Cut Length	Angle	Shank	OAL	Insert
New	SEIBT22-1/4	3/4"	12 mm	22°	1/4"	2 1/8"	SI-121215
New	SEIBT22-1/2	3/4"	12 mm	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
New	SEIBT45-1/4	3/4"	12 mm	45°	1/4"	2 1/8"	SI-121215
New	SEIBT45-1/2	3/4"	12 mm	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"	40 mm	3/4"	3 3/4"	SI-401215, SI-121215
SEINS22-50	1 1/4"	50 mm	3/4"	4 1/2"	SI-501215, SI-121215
Use SICS-Screw					

COMPONENT PARTS



SI-Wrench



SI-1580 Wrench

Inserts Part Number	Description	Pack	Sides
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 Plunging			
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			
SI-Wrench	T15 Flag Style	1	
SI-1580Wrench	T15 Torx Wrench	1	
Screws			
SICS-Screw	Torx Screw	4	
SI4-Screw	Torx Screw	4	
SI35-Screw	Torx Screw	4	

Insert Spoilboard Surfacing Cutters



SPOIL4-2

STRAIGHT (for MDF and Particleboard)

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	# of Wings
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)
SPOIL-Screw	(Replacement screw for spoilboard cutter)
SPOIL-Wrench	(Wrench for spoilboard cutter insert)

Insert Tooling



MTP Insert Router

MULTI-PROFILE ROUTER CUTTERS (SINGLE FLANGE)

Part Number	Description	Wings	Shank
SEMPR40MRS	111 Max. Dia. x 71 Min. x 40 width	2	3/4
SEMPR60MRS	111 Max. Dia. x 71 Min. x 60 width	2	3/4

MULTI-PROFILE ROUTER CUTTERS (DOUBLE FLANGE)

Part Number	Description	Wings	Shank
SEMPR40MRD	111 Max. Dia. x 71 Min. x 40 width	2	3/4
SEMPR60MRS	111 Max. Dia. x 71 Min. x 60 width	2	3/4

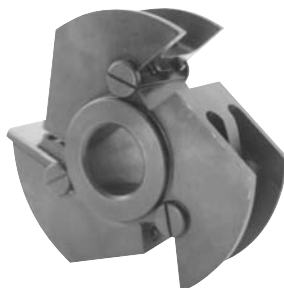
MULTI-PROFILE CUTTER HEADS

Shaper/Small Moulder

Part Number	Description	Wings	Shank
SEMPC10140	142 Max. Dia. x 4" Min. x 40 width	3	1 1/4
SEMPC10160	142 Max. Dia. x 4" Min. x 60 width	3	1 1/4

Tenoner/Large Moulder

Part Number	Description	Wings	Shank
SEMPC14040	180 Max. Dia. x 140 Min. x 40 width	4	1 1/4 x 1 13/16
SEMPC14060	180 Max. Dia. x 140 Min. x 60 width	4	1 1/4 x 1 13/16



MTP Insert Cutter

COMPONENT PARTS

Part Number	Description	For:
SE40/40BP	For all 40 mm wide tools	Backing Plates
SE40/60BP	For all 60 mm wide tools	Backing Plates
SE40DG	For all 40 mm wide tools	Double Edge Gibs
SE60DG	For all 60 mm wide tools	Double Edge Gibs

Insert 3-Wing Cope and Stick Cutters

4" LG DIAMETER X 1 1/4 BORE X RH ROTATION

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



Cope & Stick Cutters

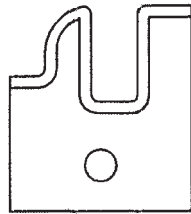
STICK (RAIL)

Each body comes with one set of knives

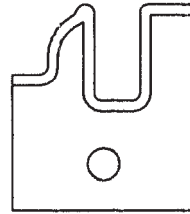
Part Number	Description
SE-BRS	Insert Rail (Stick) Body
SE-IRSR	Round Rail (Stick) Insert
SE-IRSB	Bead Rail (Stick) Insert
SE-IRSO	Ogee Rail (Stick) Insert



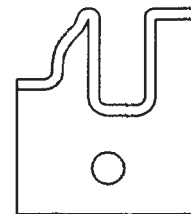
Cope & Stick Cutters



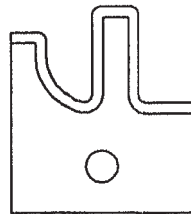
SE-ICSR



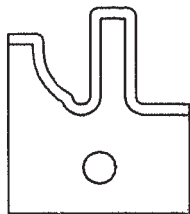
SE-ICSB



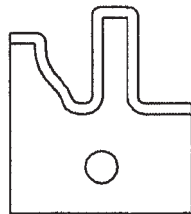
SE-ICSO



SE-IRSR



SE-IRSB



SE-IRSO

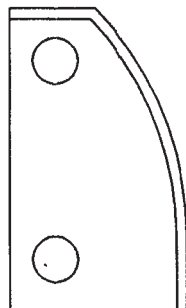
Insert 3-Wing Raised Panel Cutter

7 1/2 LG DIAMETER X 1 1/4 BORE (WITH ONE SET OF KNIVES)

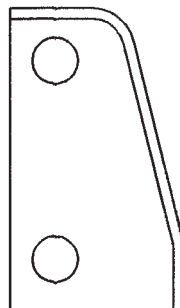
Part Number	Description
SE-BRP	Insert Raised Panel Body
SE-IRPC	Round Raised Panel Insert
SE-IRPS	Straight Raised Panel Insert
SE-IRPO	Ogee Raised Panel Insert



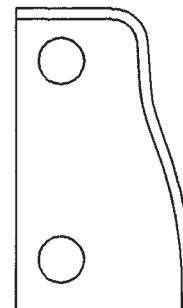
Raised Panel



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

Insert 3-Wing Raised Panel Trim Cutter

4" LG DIAMETER X 1 1/4" BORE X 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 Insert Cutters

Part Number	Description
SE750TBU	3/4" T Type Bushing
SE1000TBU	1" T Type Bushing

Rub Bearing (optional), call for pricing.



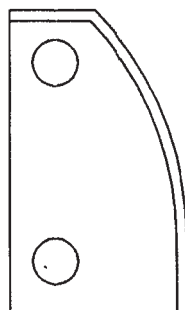
Raised Panel



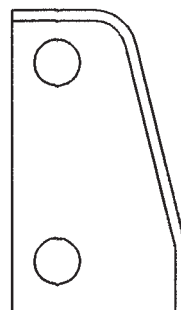
Cope & Stick Cutters



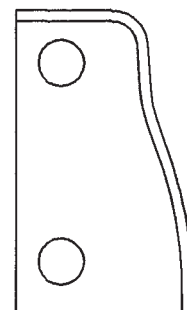
Cope & Stick Cutters



SE-IRPC



SE-IRPS



SE-IRPSO

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

Spiral Plus Moulder Heads

(AIRCRAFT GRADE ALUMINUM BODY)

Part Number	Cut Diameter	Cut 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 most common bore



Spiral Plus Head

SPIRAL PLUS - PROFILE SHAPER HEAD

Part Number	Cut Diameter	Cut 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

COMPONENT PARTS

Part Number

SI-151525 Replacement Insert 15 x 15 x 2.5 (pack of 10)

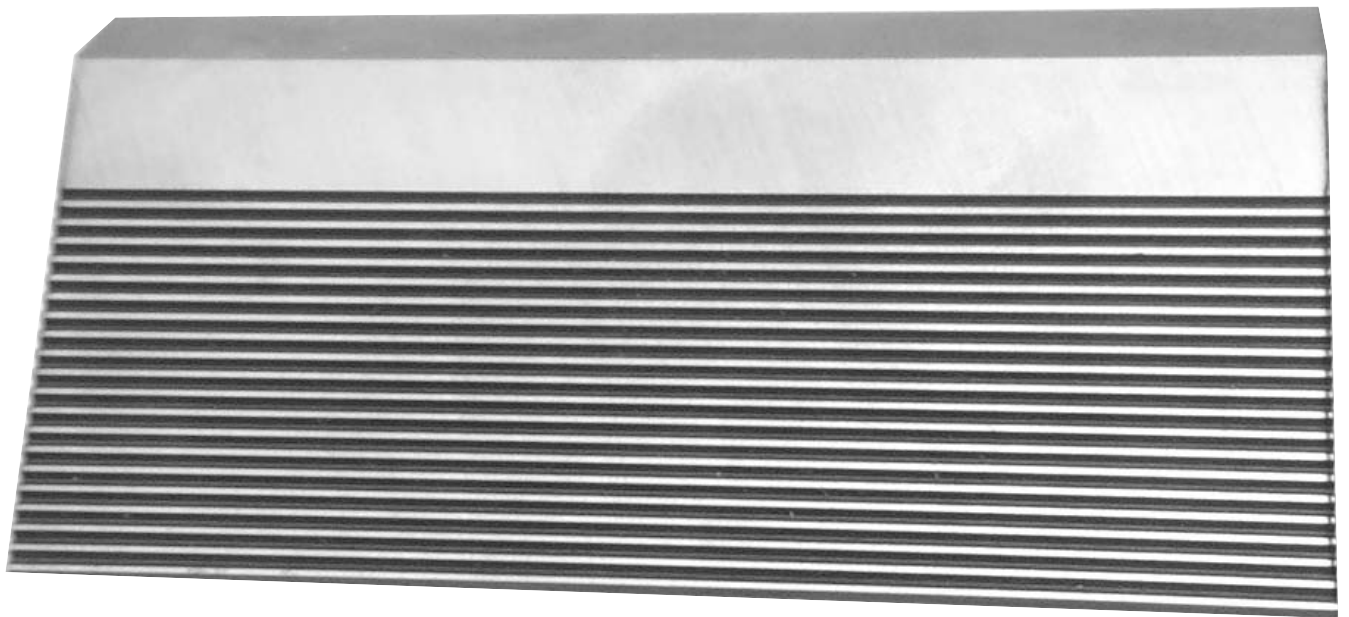
SIS-Screw Replacement Screw

High Speed Steel (HSS) M2 Molder Steel

CORRUGATED BACK 25" BARS 60-16

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

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



Molder Steel

Corrugated Back Moulder Heads

4" DIA. X 1-1/4" BORE X 2 KNIFE (SPECIFY HOOK)

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



Straight Bore

4" DIA. X 1-1/4" BORE X 4 KNIFE (SPECIFY HOOK)

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

5" DIA. OR 122MM X 1-1/2" BORE OR 44MM BORE X 4 KNIFE (SPECIFY HOOK)

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

6" DIA. OR 150MM X 1-13/16" BORE, 50MM BORE, X 4 KNIFE (SPECIFY HOOK)

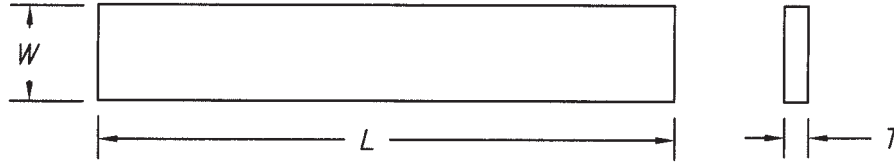
Part Number	Description
SEMH642ST	2" CL
SEMH644ST	4" CL
SEMH646ST	6" CL
SEMH649ST	9" CL

6" DIA. OR 150MM X 1-13/16" BORE, 2-1/8" OR 50MM, X 6 KNIFE (SPECIFY HOOK)

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

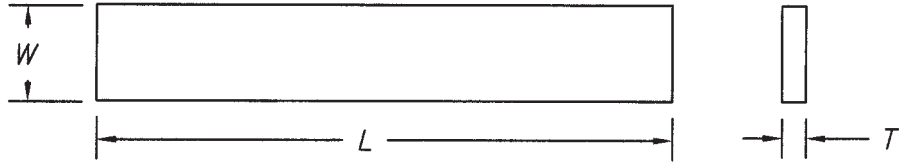
Many sizes also available with Hydro-Bore

STB Carbide Strips



Tolerances			
Length +/- .080			
Width +/- .020			
Thickness +/- .004			
Grade #			
Please specify grade	C2M	C2 Micrograin	
	CRC	Crack Resistant Carbide	
STB Strips #	Thickness	Width	Length
STB310	3/32 .093	5/16 .312	6"
STB312	3/32 .093	3/8 .375	6"
STB316	3/32 .093	1/2 .500	6"
STB320	3/32 .093	5/8 .625	6"
STB324	3/32 .093	3/4 .750	6"
STB328	3/32 .093	7/8 .875	6"
STB332	3/32 .093	1 1.000	6"
STB336	3/32 .093	1 1/8 1.125	6"
STB340	3/32 .093	1 1/4 1.250	6"
STB344	3/32 .093	1 3/8 1.375	6"
STB348	3/32 .093	1 1/2 1.500	6"
STB Strips #	Thickness	Width	Length
STB410	1/8 .125	5/16 .312	6"
STB412	1/8 .125	3/8 .375	6"
STB416	1/8 .125	1/2 .500	6"
STB420	1/8 .125	5/8 .625	6"
STB424	1/8 .125	3/4 .750	6"
STB428	1/8 .125	7/8 .875	6"
STB432	1/8 .125	1 1.000	6"
STB436	1/8 .125	1 1/8 1.125	6"
STB440	1/8 .125	1 1/4 1.250	6"
STB444	1/8 .125	1 3/8 1.375	6"
STB448	1/8 .125	1 1/2 1.500	6"
STB Strips #	Thickness	Width	Length
STB510	5/32 .156	5/16 .312	6"
STB512	5/32 .156	3/8 .375	6"
STB516	5/32 .156	1/2 .500	6"
STB520	5/32 .156	5/8 .625	6"
STB524	5/32 .156	3/4 .750	6"
STB528	5/32 .156	7/8 .875	6"
STB532	5/32 .156	1 1.000	6"
STB536	5/32 .156	1 1/8 1.125	6"
STB540	5/32 .156	1 1/4 1.250	6"
STB544	5/32 .156	1 3/8 1.375	6"
STB548	5/32 .156	1 1/2 1.500	6"

STB Carbide Strips



STB Strips #	Thickness	Width	Length
STB610	3/16 .187	5/16 .312	6"
STB612	3/16 .187	3/8 .375	6"
STB616	3/16 .187	1/2 .500	6"
STB620	3/16 .187	5/8 .625	6"
STB624	3/16 .187	3/4 .750	6"
STB628	3/16 .187	7/8 .875	6"
STB632	3/16 .187	1 1.000	6"
STB636	3/16 .187	1 1/8 1.125	6"
STB640	3/16 .187	1 1/4 1.250	6"
STB644	3/16 .187	1 3/8 1.375	6"
STB648	3/16 .187	1 1/2 1.500	6"

CNC Router Table Pods

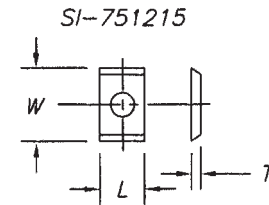


New!

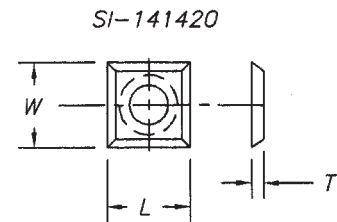
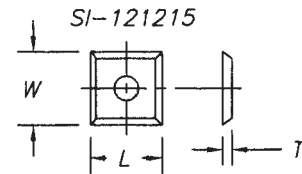
Part Number	Description
SERTP110	1 3/4"D X 1"H
SERTP120	1 3/4"D X 1 1/2"H
SERTP130	1 3/4"D X 2"H
SERTP140	1 3/4"D X 2 1/2"H
SERTP150	1 3/4"D X 3"H
SERTP310	3"D X 1"H
SERTP320	3"D X 1 1/2"H
SERTP330	3"D X 2"H
SERTP340	3"D X 2 1/2"H
SERTP350	3"D X 3"H

Standard Reversible Insert Knives

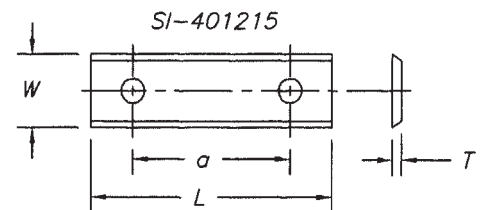
Part Number	Description (L x W x T)
	2 Sided 1 Hole
SI-751215	7.5 x 12 x 1.5
New SI-861215	8.6 x 12 x 1.5
New SI-901215	9.0 x 12 x 1.5
SI-961215	9.6 x 12 x 1.5
New SI-131215	13 x 12 x 1.5
SI-151215	15 x 12 x 1.5
SI-201215	20 x 12 x 1.5
SI-251215	25 x 12 x 1.5



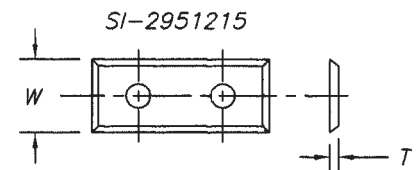
	4 Sided 1 Hole
SI-121215	12 x 12 x 1.5
New SI-131325	13 x 13 x 2.5
New SI-1361362	13.6 x 13.6 x 2.0
SI-141412	14 x 14 x 1.2
SI-141420	14 x 14 x 2.0
SI-141420CR	14 x 14 x 2.0 W/Corner Radius
SI-14314325	14.3 x 14.3 x 2.5
SI-14614625	14.6 x 14.6 x 2.5
SI-151525	15 x 15 x 2.5
New SI-1717203	17 x 17 x 2.0 W/3mm Hole
New 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
New SI-191920	19 x 19 x 2.0 W/4mm Hole



	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-301215-16	30 x 12 x 1.5 16 CTC
SI-401215	40 x 12 x 1.5 26 CTC
SI-501215	50 x 12 x 1.5 26 CTC
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

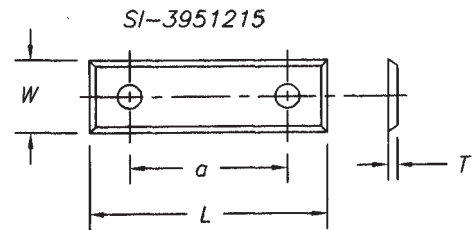


	4 Sided 2 Holes (14 CTC) Plunge
SI-2957015	29.5 x 7 x 1.5
SI-2957515	29.5 x 7.5 x 1.5
SI-2958015	29.5 x 8.0 x 1.5
SI-2959015	29.5 x 9.0 x 1.5
SI-2951015	29.5 x 10 x 1.5
SI-2951115	29.5 x 11 x 1.5
SI-2951215	29.5 x 12 x 1.5
SI-301215P	30 x 12 x 1.5

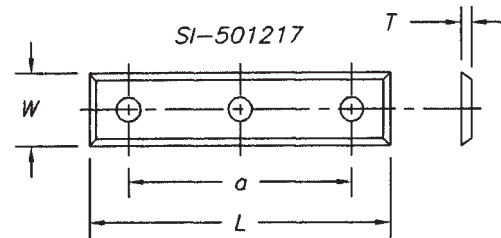


Standard Reversible Insert Knives

Part Number	Description (L x W x T)
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-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
SI-5951215	59.5 x 12 x 1.5

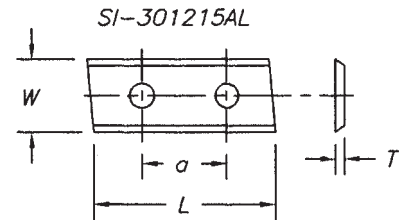


4 Sided 3 Holes (37 CTC)	
SI-501017	50 x 10 x 1.7
SI-501217	50 x 12 x 1.7

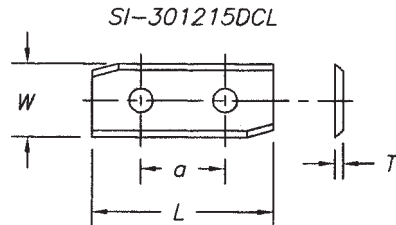


End Angle 1 Hole	
SI-201215AL	20 x 12 x 1.5 Angle Left
SI-201215AR	20 x 12 x 1.5 Angle Right

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

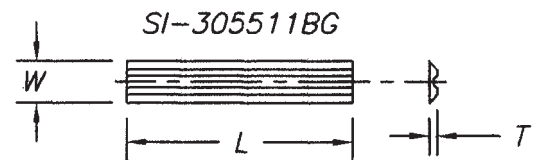


End Angle 2 Holes (26 CTC)	
SI-401215AL	40 x 12 x 1.5 Angle Left
SI-401215AR	40 x 12 x 1.5 Angle Right
SI-501215AL	50 x 12 x 1.5 Angle Left
SI-501215AR	50 x 12 x 1.5 Angle Right

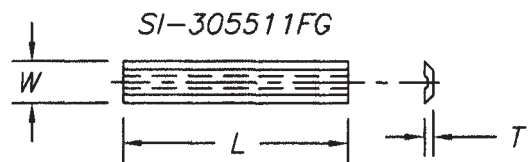


Double Angle 2 Holes (14 CTC)	
SI-301215DCL	30 x 12 x 1.5 LB-TR
SI-301215DCR	30 x 12 x 1.5 RB-TL
SI-501215DCL	50 x 12 x 1.5 LB-TR
SI-501215DCR	50 x 12 x 1.5 RB-TL

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-405511BG	40 x 5.5 x 1.1 Back Groove
SI-505511BG	50 x 5.5 x 1.1 Back Groove



2 Sided Face Groove	
SI-1478152	14.7 x 8 x 1.52 Face Groove
SI-125511FG	12 x 5.5 x 1.1 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

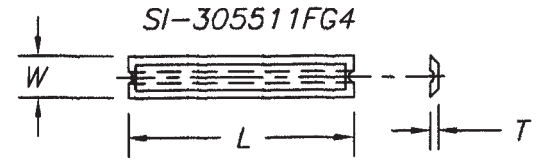


Standard Reversible Insert Knives

Part Number Description (L x W x T)

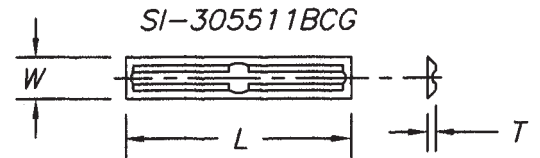
4 Sided Face Groove

SI-205511FC4	20 x 5.5 x 1.1 Face Groove
SI-255511FC4	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



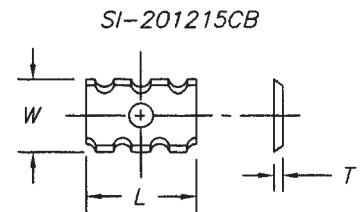
4 Sided Back & Cross Groove

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



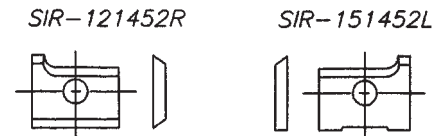
Chipbreaker Knives

New SI-151520CB	15 x 15 x 2.0 4 Sided
New SI-201215CB	20 x 12 x 1.5 2 Sided
New SI-301215CB	30 x 12 x 1.5 2 Sided
New SI-401215CB	40 x 12 x 1.5 2 Sided



Radius Knives

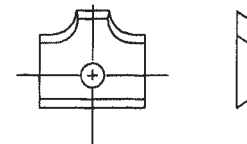
New SIR-121452L	12 x 14.5 x 2 LH 2mm Radius
New SIR-121452R	12 x 14.5 x 2 RH 2mm Radius
New SIR-151452L	15 x 14.5 x 2 LH 3mm Radius
New SIR-151452R	15 x 14.5 x 2 RH 3mm Radius
New SIR-1961522L	19.6 x 15.2 x 2 LH 2mm Radius
New SIR-1961522R	19.6 x 15.2 x 2 RH 2mm Radius
New SIR-19615223L	19.6 x 15.2 x 2 LH 3mm Radius
New SIR-19615223R	19.6 x 15.2 x 2 RH 3mm Radius



Double Radius Knives

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

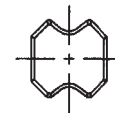
SIDR-161752-4



Radius Profile Knives

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

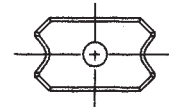
SIRP-12712732-2



Scraper Knives 6 degree

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

SIS-2012202



Triangle Spur Knives

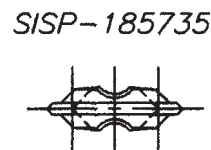
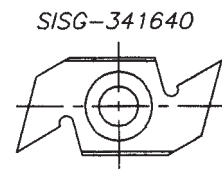
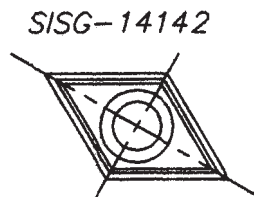
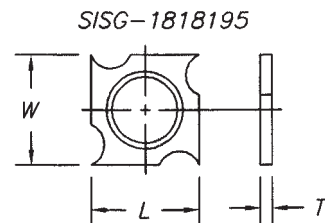
New SITS-221920	22 x 19 x 2.0
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SITS-221920



Standard Reversible Insert Knives

Part Number	Description (L x W x T)
Spur/Grooving Knives	
New SISG-141420-2	14 x 14 x 20 2mm Radius
New SISG-1818195	18 x 18 x 1.95
New SISG-1818245	18 x 18 x 2.45
New SISG-1818295	18 x 18 x 2.95
New SISG-1818370	18 x 18 x 3.70
New SISG-141420	14 x 14 x 2.0 30 Degree
New SISG-161630	16 x 16 x 3.0 32 Degree
New SISG-341640	34 x 16 x 4.0
New SISG-341650	34 x 16 x 5.0
New SISG-341660	34 x 16 x 6.0
New SISG-341670	34 x 16 x 7.0
New SISP-185735	18 x 5.7 x 3.5

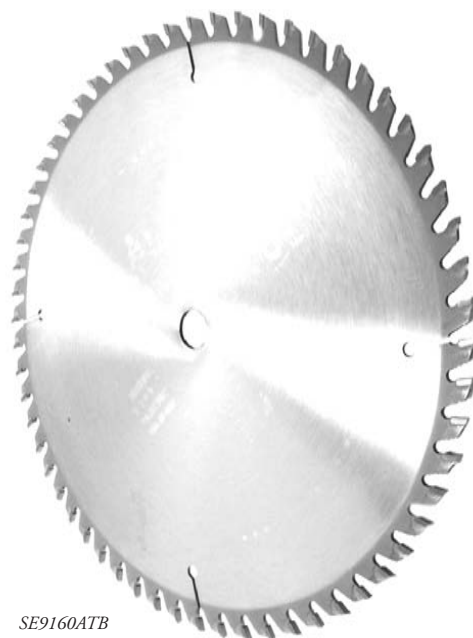


Carbide-Tipped Saw Blades

New!

Part Number	Diameter	Teeth	Kerf	Bore	Grind
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



Diamond Wheels

11V9 CUP WHEELS - 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



Diamond Cup Wheel

12V9 CUP WHEELS *Uses Cincinnati #2 T&C, Deckel, Monosets, K.O. Lee, and Systimatic*

Part Number	Wheel Diameter	Bore	Diamond Width	Degree	Diamond Depth	Grit	Concentration
SE12V9-180-3/8	6"	1 1/4"	3/8"	30	1/8"	180	100
SE12V9-180-1/2	6"	1 1/4"	1/2"	30	1/8"	180	100
SE12V9-400-3/8	6"	1 1/4"	3/8"	30	1/8"	400	100
SE12V9-400-1/2	6"	1 1/4"	1/2"	30	1/8"	400	100



4A2P FACING WHEELS OR TOPPING WHEEL

W-100, W-200 and W-400 Wright Machine. Akemat and Widma

Part Number	Wheel Diameter	Bore	Diamond Width	Diamond Depth	Grit	Concentration
SE4A2P-120	6"	1 1/4"	3/16"	1/8"	120	75
SE4A2P-180	6"	1 1/4"	3/16"	1/8"	180	100

1A1R PROFILE, END GRIND, AND CUTOFF WHEELS

Schneeberger, Weinig, United, Foley, or Utma

Part Number	Wheel Diameter	Bore	Diamond Width	Diamond Depth	Grit	Concentration
SE1A16-1250-1/16	6"	1 1/4"	1/16"	1/4"	100	100
SE1A16-20-1/16	6"	20 mm	1/16"	1/4"	100	100
SE1A16-60-1/16	6"	60 mm	1/16"	1/4"	100	100
SE1A18-1250-1/8"	8"	1 1/4"	1/8"	1/4"	180	100
SE1A18-20-1/8"	8"	20 mm	1/8"	1/4"	180	100
SE1A18-60-1/8"	8"	60 mm	1/8"	1/4"	180	100

Also available in .035 and .045 wide Diamond

1F1R PROFILE & CONTOUR WHEELS

Schneeberger, Weinig, United, Foley, or Utma

Part Number	Wheel Diameter	Bore	Diamond Width	Diamond Depth	Grit	Concentration
SE1F16-1250-1/16	6"	1 1/4"	1/16"	1/16"	120	100
SE1F16-20-1/16	6"	20 mm	1/16"	1/16"	120	100
SE1F16-60-1/16	6"	60 mm	1/16"	1/16"	120	100
SE1F18-1250-1/8"	8"	1 1/4"	1/8"	1/4"	180	100
SE1F18-20-1/8"	8"	20 mm	1/8"	1/4"	180	100
SE1F18-60-1/8"	8"	60 mm	1/8"	1/4"	180	100

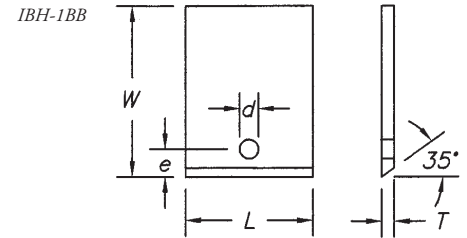
Also available in 1/4" wide Diamond



Super Finish Insert Profile Blanks

1BH-1BB 1 Bottom Hole - 1 Bottom Bevel

Part Number	Description
IA20202	20 x 20 x 2
IA202502	20 x 25 x 2
IA20302	20 x 30 x 2
IA25252	25 x 25 x 2
IA25302	25 x 30 x 2
IA30302	30 x 30 x 2
IA30352	30 x 35 x 2
IA30402	30 x 40 x 2
IA35302	35 x 30 x 2
IA35352	35 x 35 x 2

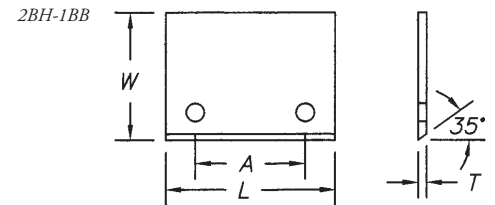


2BH-NBB 2 Bottom Holes - No Bottom Bevel

IB30252	30 x 25 x 2
IB50252	50 x 25 x 2
IB60352	60 x 35 x 2

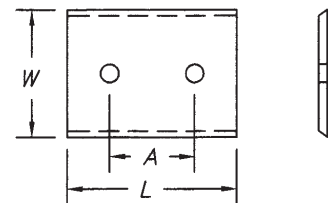
2BH-1BB 2 Bottom Holes - 1 Bottom Bevel

IC30252	30 x 25 x 2-14
IC30302	30 x 30 x 2-14
IC30352	30 x 35 x 2-14
IC35252	35 x 25 x 2-14
IC40202	40 x 20 x 2-26
IC40252	40 x 25 x 2-26
IC40302-20	40 x 30 x 2-20
IC40302-26	40 x 30 x 2-26
IC40352	40 x 35 x 2-26
IC40402	40 x 40 x 2-26
IC50252	50 x 25 x 2-26
IC60252	60 x 25 x 2-44
IC60352	60 x 35 x 2-44
IC60402	60 x 40 x 2-44



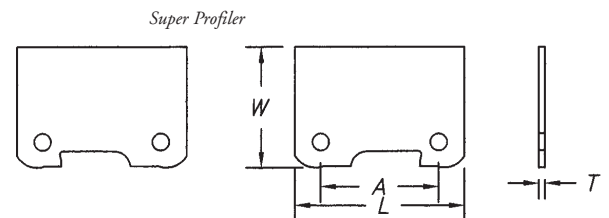
2CH-2B Center Holes - Top and Bottom Bevel

ID40302	40 x 30 x 2-26
ID40352	40 x 35 x 2-26
ID40402	40 x 40 x 2-26
ID60352-26	60 x 35 x 2-26
ID60352-44	60 x 35 x 2-44



Super Profiler-Leuco Blank

IE412815	41 x 28 x 1.5
IE412820	41 x 28 x 2.0
IE60830615	60.8 x 30.6 x 1.5
IE614520	61 x 45 x 2.0
IE814520	81 x 45 x 2.0



Other sizes available, call for pricing.
We can also provide special sizes.

Custom Tooling

CUSTOM TOOLING REQUEST FORM

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 No. _____ Fax No. _____

Specifications:

- | | |
|--|--|
| 1. Quantity _____ | 2. Cutting Length/Kerf _____ |
| 3. Diameter _____ | 4. Shank Size _____ |
| 5. Radius/Angle _____ | 6. Ball Bearing Required? <i>circle one</i> YES NO |
| 7. Rotation _____ Right-hand _____ Left Hand | 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.

Southeast Tool, Inc.
PO Box 1597 • 301 10th St. NW #E-106 • Conover NC 28613
(828) 465-7012 • Fax (828) 465-7013
Toll Free 877-465-7012 (order line)

Drills

CARBIDE-TIPPED ADJUSTABLE COUNTERSINK, STYLE 4CT

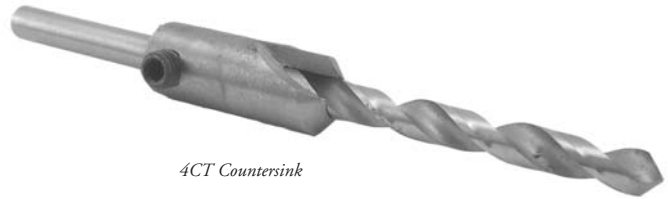
Designed for countersinking holes for flat-head screws.

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"



4CT Countersink

TAPER SHELL COUNTERSINK, STYLE 4

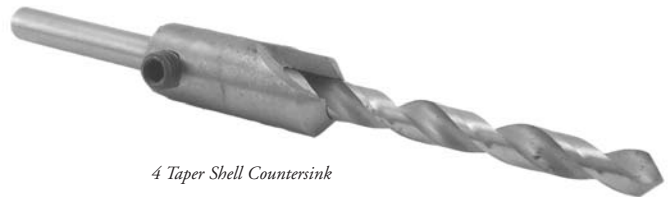
Designed for countersinking holes for flat-head screws.

Center drill is held in place with set screws.

Carbon 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"



4 Taper Shell Countersink

Drills

ADJUSTABLE COUNTERBORE, STYLE NO. 5

Designed for counterboring flat-bottom holes.
Overall length is 4-1/2". Shank diameter is 1/2".

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

Part Number	Counterbore Diameter	Center Drill Hole Diameter	Cutting Length	Shank Length
SE10501	3/8"	1/8"	3"	1 1/2"
SE10502	3/8"	5/32"	3"	1 1/2"
SE10503	3/8"	3/16"	3"	1 1/2"
SE105032	3/8"	3/16"	2 1/2"	2"
SE10504	7/16"	5/32"	3"	1 1/2"
SE10505	7/16"	3/16"	3"	1 1/2"
SE10506	7/16"	7/32"	3"	1 1/2"
SE10507	7/16"	1/4"	3"	1 1/2"
SE10508	1/2"	1/8"	3"	1 1/2"
SE10509	1/2"	5/32"	3"	1 1/2"
SE10510	1/2"	11/64"	3"	1 1/2"
SE10511	1/2"	3/16"	3"	1 1/2"
SE10512	1/2"	13/64"	3"	1 1/2"
SE10513	1/2"	7/32"	3"	1 1/2"
SE10514	1/2"	1/4"	3"	1 1/2"
SE10516	9/16"	3/16"	3"	1 1/2"
SE10518	9/16"	1/4"	3"	1 1/2"
SE10519	9/16"	9/32"	3"	1 1/2"
SE10520	5/8"	5/32"	3"	1 1/2"
SE10521	5/8"	3/16"	3"	1 1/2"
SE10522	5/8"	7/32"	3"	1 1/2"
SE10523	5/8"	1/4"	3"	1 1/2"
SE10524	5/8"	9/32"	3"	1 1/2"
SE10525	5/8"	5/16"	3"	1 1/2"
SE10526	11/16"	1/4"	3"	1 1/2"
SE10528	11/16"	5/16"	3"	1 1/2"
SE10529	3/4"	3/16"	3"	1 1/2"
SE10530	3/4"	7/32"	3"	1 1/2"
SE10531	3/4"	1/4"	3"	1 1/2"
SE10532	3/4"	9/32"	3"	1 1/2"
SE10533	3/4"	5/16"	3"	1 1/2"
SE10534	3/4"	3/8"	3"	1 1/2"
SE10536	13/16"	1/4"	3"	1 1/2"
SE10538	13/16"	5/16"	3"	1 1/2"
SE10539	7/8"	3/16"	3"	1 1/2"
SE10541	7/8"	1/4"	3"	1 1/2"
SE10542	7/8"	5/16"	3"	1 1/2"
SE10543	7/8"	3/8"	3"	1 1/2"
SE10544	1"	1/4"	3"	1 1/2"
SE10545	1"	5/16"	3"	1 1/2"
SE10546	1"	3/8"	3"	1 1/2"
SE10547	1 1/8"	1/4"	3"	1 1/2"
SE10549	1 1/8"	3/8"	3"	1 1/2"
SE10550	1 1/4"	1/4"	3"	1 1/2"
SE10552	1 1/4"	3/8"	3"	1 1/2"



5 Adjustable Counterbore

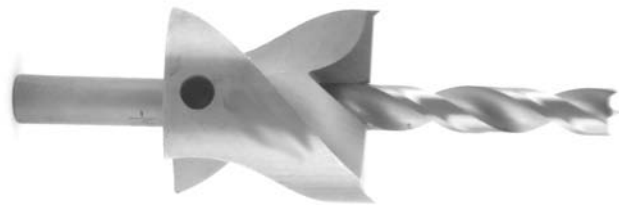
Drills

ADJUSTABLE COUNTERBORE, STYLE NO. 5A

Designed for counterboring flat-bottom holes.
Drill is held in place with two opposing set screws.
Carbon Steel.

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

Part Number	Counterbore Diameter	Center Drill Hole Diameter	Overall Length
SE15301	3/8"	3/16"	
SE153001	7/16"	3/16"	1 1/2"
SE153002	7/16"	7/32"	1 1/2"
SE15302	1/2"	3/16"	1 1/2"
SE15303	1/2"	7/32"	1 1/2"
SE15304	1/2"	1/4"	1 1/2"
SE15305	5/8"	1/4"	1 1/2"
SE15306	5/8"	5/16"	1 1/2"
SE15307	3/4"	1/4"	2"
SE15308	3/4"	5/16"	2"
SE15309	7/8"	1/4"	2"
SE15310	7/8"	5/16"	2"
SE15311	7/8"	3/8"	2"
SE15312	7/8"	7/16"	2"
SE15313	1"	1/4"	2"
SE15314	1"	5/16"	2"
SE15315	1"	3/8"	2"
SE15316	1"	7/16"	2"
SE15317	1"	1/2"	2"
SE15318	1 1/8"	*5/16 x 1/2"	2"
SE15319	1 1/8"	*3/8 x 1/2"	2"
SE15320	1 1/8"	7/16"	2"
SE15321	1 1/8"	1/2"	2"
SE15322	1 1/4"	*5/16 x 1/2"	2"
SE15323	1 1/4"	*3/8 x 1/2"	2"
SE15324	1 1/4"	7/16"	2"
SE15325	1 1/4"	1/2"	2"
SE15326	1 3/8"	*3/8 x 1/2"	2"
SE15328	1 3/8"	7/16"	2"
SE15329	1 1/2"	*3/8 x 1/2"	2"
SE15330	1 1/2"	*7/16 x 1/2"	2"
SE15331	1 1/2"	1/2"	2"
SE15332	1 1/2"	9/16"	2"
SE15333	1 1/2"	5/8"	2"
SE15334	1 5/8"	1/2"	2"
SE15335	1 3/4"	1/2"	2"



5A Adjustable Counterbore

*Indicates a stepped hole diameter allowing the tool to be clamped to a 1/2" shank drill.

Drills

COUNTERSINK DRILLS, STYLE 5B

For use with adjustable style counterbores, and countersinks.
Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Shank Length
SE50300BP	3/16"	2"	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.
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

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 Brad-point

Drills

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

CARBIDE-TIPPED COUNTERBORE, STYLE NO. 5CT

Designed for counterboring flat-bottom holes.
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 length is 1-1/2" x 1/2" diameter.

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

Part Number	Counterbore Diameter	Center Drill Hole Diameter	Cutting Length	Overall Length
SE15701	3/8"	3/16"	3"	4 1/2"
SE157012	7/16"	3/16"	3"	4 1/2"
SE157013	7/16"	7/32"	3"	4 1/2"
SE15702	1/2"	3/16"	3"	4 1/2"
SE15703	1/2"	7/32"	3"	4 1/2"
SE15704	1/2"	1/4"	3"	4 1/2"



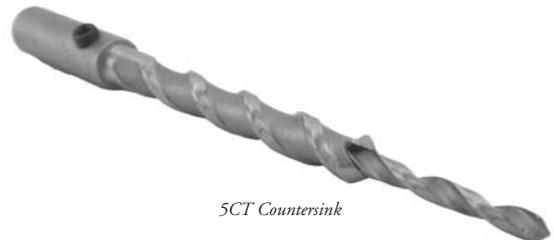
5CT Counterbore

CARBIDE-TIPPED COUNTERSINK, STYLE NO. 5CT

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

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

Part Number	Counterbore Diameter	Center Drill Hole Diameter	Cutting Length	Overall Length
SE15801	3/8"	3/16"	3"	4 1/2"
SE158011	7/16"	3/16"	3"	4 1/2"
SE158012	7/16"	7/32"	3"	4 1/2"
SE15802	1/2"	3/16"	3"	4 1/2"
SE15803	1/2"	7/32"	3"	4 1/2"
SE15804	1/2"	1/4"	3"	4 1/2"



5CT Countersink

Drills

SHORT-LENGTH COUNTERSINKS, STYLE NO. 5C

Designed for countersinking holes for flat-head screws.
Shank diameter is 1/2" x 1-1/2" long.

Please note drill not included.

Part Number	Countersink Diameter	Center Drill Diameter	Cutting Length	Overall Length
SE152011	3/8"	3/16"	1 1/2"	3"
SE15201	1/2"	3/16"	1 1/2"	3"
SE15202	1/2"	7/32"	1 1/2"	3"
SE15203	1/2"	1/4"	1 1/2"	3"



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".

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

Part Number	Countersink Diameter	Center Drill Diameter	Cutting Length	Shank Length
SE15101	3/8"	1/8"	3"	1 1/2"
SE15102	3/8"	5/32"	3"	1 1/2"
SE15103	3/8"	3/16"	3"	1 1/2"
SE151032	3/8"	3/16"	2 1/2"	2"
SE15105	7/16"	3/16"	3"	1 1/2"
SE15106	7/16"	7/32"	3"	1 1/2"
SE15108	1/2"	1/8"	3"	1 1/2"
SE15109	1/2"	5/32"	3"	1 1/2"
SE15110	1/2"	11/64"	3"	1 1/2"
SE15111	1/2"	3/16"	3"	1 1/2"
SE15112	1/2"	13/64"	3"	1 1/2"
SE15113	1/2"	7/32"	3"	1 1/2"
SE15114	1/2"	1/4"	3"	1 1/2"
SE151142	1/2"	1/4"	2 1/2"	2"



5C Adjustable Countersink

SOLID COUNTERSINK, STYLE NO. 5DHS (STEP DRILL 1 PIECE)

Overall length is 5-1/2". Shank is 1/2" in diameter x 2" long.
Point Style: Small diameter brad-point, large diameter counterbore.
Made in high speed steel.

Part Number	Large Diameter	Large Diameter Cutting Length	Small Diameter	Small Diameter Cutting Length
SE155004HS	3/8"	2"	3/16"	1 1/2"
SE155005HS	7/16"	2"	3/16"	1 1/2"
SE155006HS	7/16"	2"	7/32"	1 1/2"
SE15501HS	1/2"	2"	3/16"	1 1/2"
SE15503HS	1/2"	2"	1/4"	1 1/2"



5DHS Solid Counterbore

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.
Tapered cut. Made in High Speed Steel.

Part Number	Large Diameter	Large Diameter Flute Length	Small Diameter	Small Diameter Flute Length
SE15600HS	3/8"	2"	3/16"	1 1/2"
SE15697HS	7/16"	2"	3/16"	1 1/2"
SE15601HS	1/2"	2"	3/16"	1 1/2"
SE15603HS	1/2"	2"	1/4"	1 1/2"



5EHS Solid Countersink

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"

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"



5HSLH

V-POINT COUNTERSINK DRILL, STYLE NO. 5VHS

Fish-tail point.

Made from high-speed steel.

Designed for angle drilling.

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"



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

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.

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

Part Number	Counterbore Diameter	Center Drill Hole Diameter	Cutting Length	Rotational Direction
SE15401	3/8"	1/8"	3"	right
SE15402	3/8"	5/32"	3"	right
SE15403	3/8"	3/16"	3"	right
SE15405	7/16"	3/16"	3"	right
SE15406	7/16"	7/32"	3"	right
SE15407	7/16"	1/4"	3"	right
SE15408	1/2"	5/32"	3"	right
SE15409	1/2"	3/16"	3"	right
SE15410	1/2"	7/32"	3"	right
SE15411	1/2"	1/4"	3"	right
SE15412	5/8"	3/16"	3"	right
SE15413	3/4"	3/16"	3"	right
SE15414	3/4"	7/32"	3"	right
SE15415	3/4"	1/4"	3"	right
SE15417	3/8"	3/16"	3"	left
SE15418	7/16"	3/16"	3"	left
SE15420	1/2"	3/16"	3"	left
SE15421	1/2"	7/32"	3"	left
SE15422	1/2"	1/4"	3"	left
SE15426	3/4"	1/4"	3"	left



514 Threaded Adjustable 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.

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

Part Number	Counterbore Diameter	Center Drill Hole Diameter	Cutting Length	Rotational Direction
SE15427	3/8"	3/16"	3"	right
SE154273	7/16"	3/16"	3"	right
SE15428	1/2"	3/16"	3"	right
SE15429	1/2"	7/32"	3"	right
SE15430	1/2"	1/4"	3"	right
SE15431	3/8"	3/16"	3"	left
SE154274	7/16"	3/16"	3"	left
SE15432	1/2"	3/16"	3"	left
SE15433	1/2"	7/32"	3"	left
SE15434	1/2"	1/4"	3"	left



514C

CARBIDE-TIPPED ADJUSTABLE COUNTERBORE, STYLE NO. 514CT

Designed for boring flat-bottom holes.
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 4-1/2". Shank length is 1-1/2", shank thread is 7/16"-14.

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

Part Number	Counterbore Diameter	Center Drill Hole Diameter	Cutting Length	Rotational Direction
SE15901	3/8"	3/16"	3"	right
SE159012	7/16"	3/16"	3"	right
SE15902	1/2"	3/16"	3"	right
SE15903	1/2"	7/32"	3"	right
SE15904	1/2"	1/4"	3"	right
*SE15905	3/8"	3/16"	3"	left

*LH Rotation



514CT Adjustable Counterbore

Drills

MORTISING BIT, STYLE NO. 6HS

Designed for use on vibrating mortising machines.
Made from high speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE600012HS	1/4"	1"	1/2"	3"
SE60001HS	1/4"	2"	1/2"	4 1/2"
SE600014HS	1/4"	1 1/4"	1/2"	3 1/4"
SE60002HS	5/16"	2"	1/2"	4 1/2"
SE60003HS	3/8"	2"	1/2"	4 1/2"
SE60004HS	1/2"	2 1/4"	1/2"	4 1/2"



Style 6HS

VIBRATING MORTISE BIT, STYLE NO. 46HS

Designed for use on vibrating mortising machines.
Made from high speed steel.

Part Number	Flute Diameter	Flute Length	Shank Diameter	Overall Length
SE46001HS	1/4"	2"	1/4"	4"
SE46002HS	5/16"	2"	5/16"	4"
SE46003HS	3/8"	2 1/2"	3/8"	4 1/2"
SE46004HS	7/16"	2 1/2"	7/16"	4 1/2"



Style 46HS

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"	2 1/2"	4 1/2"
SE80211	5/32"	2"	2 1/2"	4 1/2"
SE80212	3/16"	2"	2 1/2"	4 1/2"
SE80213	7/32"	2"	2 1/2"	4 1/2"
SE80214	1/4"	2"	2 1/2"	4 1/2"

Other sizes available.



8BPHS Countersink Drill

TAPER COUNTERSINK, STYLE NO. 8

Designed for countersinking holes for flat-head screws.

Overall length 3". Carbon Steel.

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
SE10801	3/8"	3/16"	1 1/2"	1/2"
SE108010	7/16"	3/16"	1 1/2"	1/2"
SE108000	7/16"	7/32"	1 1/2"	1/2"
SE10802	1/2"	3/32"	1 1/2"	1/2"
SE10803	1/2"	1/8"	1 1/2"	1/2"
SE10805	1/2"	5/32"	1 1/2"	1/2"
SE10807	1/2"	3/16"	1 1/2"	1/2"
SE10809	1/2"	7/32"	1 1/2"	1/2"
SE10810	1/2"	1/4"	1 1/2"	1/2"
SE108104	1/2"	5/16"	1 1/2"	1/2"
SE10817	5/8"	5/16"	1 1/2"	1/2"
SE10820	3/4"	5/16"	1 1/2"	1/2"



Style 8

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"



8BPHSLH Brad-point

Drills

CARBIDE-TIPPED COUNTERSINK, STYLE NO. 8CT

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"



Style 8CT Countersink

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"	2 1/2"	4 1/2"
SE80201	1/8"	2"	2 1/2"	4 1/2"
SE80202	5/32"	2"	2 1/2"	4 1/2"
SE80204	3/16"	2"	2 1/2"	4 1/2"
SE80205	7/32"	2"	2 1/2"	4 1/2"
SE80206	1/4"	2"	2 1/2"	4 1/2"
SE80207	9/32"	2"	2 1/2"	4 1/2"
SE80208	5/16"	2"	2 1/2"	4 1/2"
SE80209	3/8"	2"	2 1/2"	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

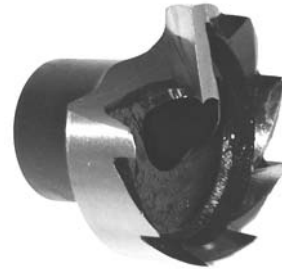
CARBON TOOL STEEL. AUSTRIA.

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 1/2"
SE18405	1 1/2"	1/2"	1 1/2"
SE18407	1 3/4"	1/2"	1 1/2"
SE18408	1 7/8"	1/2"	1 1/2"
SE18409	2"	1/2"	1 1/2"
SE18412	2 1/2"	1/2"	1 1/2"

Other sizes are also available, by request.



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



Style 9B Spiral Plug Cutter

Drills

THREADED-SHANK DRILL-POINT DRILL, STYLE NO. 12HS

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE121002L	3/16"	3"	4 1/2"	left
SE121003R	3/16"	3"	4 1/2"	right
SE12101L	1/4"	3"	4 1/2"	left
SE12101R	1/4"	3"	4 1/2"	right
SE12103R	5/16"	3"	4 1/2"	right
SE12105L	3/8"	3"	4 1/2"	left
SE12105R	3/8"	3"	4 1/2"	right
SE12107L	7/16"	3"	4 1/2"	left
SE12107R	7/16"	3"	4 1/2"	right
SE12108R	1/2"	3"	4 1/2"	right

Other sizes available, call for pricing.



Style 12HS

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

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE13001	1/8"	1 5/8"	1 1/8"	2 3/4"
SE13002	5/32"	2"	1 1/8"	3 1/8"
SE13003	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.



13 Straight Shank Brad-point Drill

BRAD-POINT DRILL, STYLE NO. 13B

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	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.



13B Brad-point Drill

Drills

BRADPOINT DRILL, STYLE 13L

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
SE13501	1/8"	6"	2"	8"
SE13502	5/32"	6"	2"	8"
SE13503	3/16"	6"	2"	8"
SE13504	7/32"	6"	2"	8"
SE13505	1/4"	6"	2"	8"
SE13506	9/32"	6"	2"	8"
SE13507	5/16"	6"	2"	8"
SE13509	3/8"	6"	2"	8"
SE13511	7/16"	6"	2"	8"
SE13513	1/2"	6"	2"	8"
SE13601	1/8"	7 1/2"	2 1/2"	10"
SE13602	5/32"	7 1/2"	2 1/2"	10"
SE13603	3/16"	7 1/2"	2 1/2"	10"
SE13604	7/32"	7 1/2"	2 1/2"	10"
SE13605	1/4"	7 1/2"	2 1/2"	10"
SE13606	9/32"	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"	11"	7"	18"
SE13807	5/16"	11"	7"	18"
SE13809	3/8"	11"	7"	18"
SE13811	7/16"	11"	7"	18"
SE13813	1/2"	11"	7"	18"

Other sizes available.



13L Long Length
Brad Point Drill

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

THREADED-SHANK BRAD-POINT DRILL, STYLE 14

Threaded shank is 7/16"-14.
Made from carbon tool steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE14003R	3/16"	3"	4 1/2"	right
SE14004R	7/32"	3"	4 1/2"	right
SE14005R	1/4"	3"	4 1/2"	right
SE14006R	17/64"	3"	4 1/2"	right
SE14007R	9/32"	3"	4 1/2"	right
SE14008R	5/16"	3"	4 1/2"	right
SE14010R	3/8"	3"	4 1/2"	right
SE14012R	13/32"	3"	4 1/2"	right
SE14013R	7/16"	3"	4 1/2"	right
SE14016R	1/2"	3"	4 1/2"	right
SE14017R	33/64"	3"	4 1/2"	right
SE14019R	5/8"	3"	4 1/2"	right

LH available. Call for quote.



14 Screw Shank
Brad-point Drill

THREADED-SHANK BRAD-POINT DRILL, STYLE 14A

Threaded shank is 7/16"-14.
Made from carbon tool steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE14024R	1/4"	2 1/4"	3 1/2"	right
SE14026R	5/16"	2 1/4"	3 1/2"	right
SE14027R	3/8"	2 1/4"	3 1/2"	right
SE14029R	7/16"	2 1/4"	3 1/2"	right
SE14031R	1/2"	2 1/4"	3 1/2"	right



14 Screw Shank
Carbon Steel

CARBIDE-TIPPED THREADED-SHANK BRAD-POINT DRILL, STYLE 14ACT

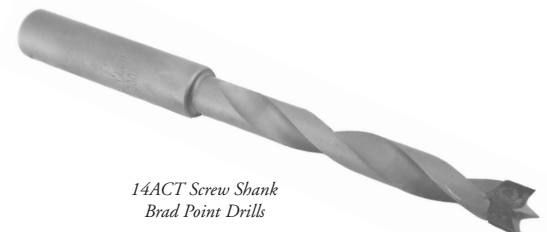
Recommended for use in any wood product containing glue, or long production runs in hardwood.

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

Threaded shank is 7/16"-14.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE14211L	1/4"	2 1/4"	3 1/2"	left
SE14211R	1/4"	2 1/4"	3 1/2"	right
SE14212L	5/16"	2 1/4"	3 1/2"	left
SE14212R	5/16"	2 1/4"	3 1/2"	right
SE14213L	3/8"	2 1/4"	3 1/2"	left
SE14213R	3/8"	2 1/4"	3 1/2"	right
SE14215L	7/16"	2 1/4"	3 1/2"	left
SE14215R	7/16"	2 1/4"	3 1/2"	right
SE14216L	1/2"	2 1/4"	3 1/2"	left
SE14216R	1/2"	2 1/4"	3 1/2"	right

Other sizes available.



14ACT Screw Shank
Brad Point Drills

Drills

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

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE14117L	1/4"	2 1/4"	3 1/2"	left
SE14117R	1/4"	2 1/4"	3 1/2"	right
SE14119L	5/16"	2 1/4"	3 1/2"	left
SE14119R	5/16"	2 1/4"	3 1/2"	right
SE14120L	3/8"	2 1/4"	3 1/2"	left
SE14120R	3/8"	2 1/4"	3 1/2"	right
SE14122L	7/16"	2 1/4"	3 1/2"	left
SE14122R	7/16"	2 1/4"	3 1/2"	right
SE14123L	1/2"	2 1/4"	3 1/2"	left
SE14123R	1/2"	2 1/4"	3 1/2"	right
SE141231L	9/16"	2 1/4"	3 1/2"	left
SE141231R	9/16"	2 1/4"	3 1/2"	right
SE14124L	5/8"	2 1/4"	3 1/2"	left
SE14124R	5/8"	2 1/4"	3 1/2"	right
SE14125L	3/4"	2 1/4"	3 1/2"	left
SE14125R	3/4"	2 1/4"	3 1/2"	right



14AHS Screw Shank
Brad-point Drill

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

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE141170L	6mm	2 1/4"	3 1/2"	left
SE141170R	6mm	2 1/4"	3 1/2"	right
SE141191L	8mm	2 1/4"	3 1/2"	left
SE141191R	8mm	2 1/4"	3 1/2"	right
SE141212L	10mm	2 1/4"	3 1/2"	left
SE141212R	10mm	2 1/4"	3 1/2"	right
SE1412201L	12mm	2 1/4"	3 1/2"	left
SE1412201R	12mm	2 1/4"	3 1/2"	right



14AHS Screw Shank
Brad Point Drill

Drills

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

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE14126L	1/4"	1 3/4"	3"	left
SE14126R	1/4"	1 3/4"	3"	right
SE14128L	5/16"	1 3/4"	3"	left
SE14128R	5/16"	1 3/4"	3"	right
SE14129L	3/8"	1 3/4"	3"	left
SE14129R	3/8"	1 3/4"	3"	right
SE14131L	7/16"	1 3/4"	3"	left
SE14131R	7/16"	1 3/4"	3"	right
SE14132L	1/2"	1 3/4"	3"	left
SE14132R	1/2"	1 3/4"	3"	right

Other sizes available.



14BHS Screw Shank
Brad-point Drill

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 length is 7/16"-14.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Directional Rotation
SE14201L	1/4"	3"	4 1/2"	left
SE14201R	1/4"	3"	4 1/2"	right
SE14203L	5/16"	3"	4 1/2"	left
SE14203R	5/16"	3"	4 1/2"	right
SE14204L	3/8"	3"	4 1/2"	left
SE14204R	3/8"	3"	4 1/2"	right
SE14206L	7/16"	3"	4 1/2"	left
SE14206R	7/16"	3"	4 1/2"	right
SE14207L	1/2"	3"	4 1/2"	left
SE14207R	1/2"	3"	4 1/2"	right
SE14208L	5/8"	3"	4 1/2"	left
SE14208R	5/8"	3"	4 1/2"	right
SE14209L	3/4"	3"	4 1/2"	left
SE14209R	3/4"	3"	4 1/2"	right
SE142098L	7/8"	3"	4 1/2"	left
SE142098R	7/8"	3"	4 1/2"	right
SE14210L	1"	3"	4 1/2"	left
SE14210R	1"	3"	4 1/2"	right

Other sizes available.



14CT Screw Shank
Brad-point Drill

Drills

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 length is 7/16"-14.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Directional Rotation
SE14200L	6mm	3"	4 1/2"	left
SE14200R	6mm	3"	4 1/2"	right
SE142031L	8mm	3"	4 1/2"	left
SE142031R	8mm	3"	4 1/2"	right
SE142051L	10mm	3"	4 1/2"	left
SE142051R	10mm	3"	4 1/2"	right
SE142064L	12mm	3"	4 1/2"	left
SE142064R	12mm	3"	4 1/2"	right



14CT Screw Shank
Brad-point Drill

CARBIDE-TIPPED THREADED-SHANK (extended) BRAD-POINT DRILL, 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 length is 7/16"-14.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Directional Rotation
SE14217L	1/4"	1 7/8"	4 1/2"	left
SE14217R	1/4"	1 7/8"	4 1/2"	right
SE14218L	5/16"	1 7/8"	4 1/2"	left
SE14218R	5/16"	1 7/8"	4 1/2"	right
SE14219L	3/8"	1 7/8"	4 1/2"	left
SE14219R	3/8"	1 7/8"	4 1/2"	right
SE14221L	7/16"	1 7/8"	4 1/2"	left
SE14221R	7/16"	1 7/8"	4 1/2"	right
SE14222L	1/2"	1 7/8"	4 1/2"	left
SE14222R	1/2"	1 7/8"	4 1/2"	right

Other sizes available.



14ESCT Brad-point Drill

THREADED-SHANK (extended) BRAD-POINT DRILL, STYLE NO. 14ESHS

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Directional Rotation
SE14135L	1/4"	1 1/2"	4 1/8"	left
SE14135R	1/4"	1 1/2"	4 1/8"	right
SE14136L	5/16"	1 1/2"	4 1/8"	left
SE14136R	5/16"	1 1/2"	4 1/8"	right
SE14137L	3/8"	1 1/2"	4 1/8"	left
SE14137R	3/8"	1 1/2"	4 1/8"	right
SE14139L	7/16"	1 1/2"	4 1/8"	left
SE14139R	7/16"	1 1/2"	4 1/8"	right
SE14140L	1/2"	1 1/2"	4 1/8"	left
SE14140R	1/2"	1 1/2"	4 1/8"	right

Other sizes available.



14ESHS Brad-point Drill

Drills

THREADED-SHANK (extended) BRAD-POINT DRILL, STYLE NO. 14ESHS-L

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE1414001L	1/8"	1 7/8"	4 1/2"	left
SE1414001R	1/8"	1 7/8"	4 1/2"	right
SE1414002L	5/32"	1 7/8"	4 1/2"	left
SE1414002R	5/32"	1 7/8"	4 1/2"	right
SE1414003L	3/16"	1 7/8"	4 1/2"	left
SE1414003R	3/16"	1 7/8"	4 1/2"	right
SE14141L	1/4"	1 7/8"	4 1/2"	left
SE14141R	1/4"	1 7/8"	4 1/2"	right
SE14142L	5/16"	1 7/8"	4 1/2"	left
SE14142R	5/16"	1 7/8"	4 1/2"	right
SE14143L	3/8"	1 7/8"	4 1/2"	left
SE14143R	3/8"	1 7/8"	4 1/2"	right
SE14145L	7/16"	1 7/8"	4 1/2"	left
SE14145R	7/16"	1 7/8"	4 1/2"	right
SE14146L	1/2"	1 7/8"	4 1/2"	left
SE14146R	1/2"	1 7/8"	4 1/2"	right

Other sizes available.



14ESHS-L Brad-point Drill

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

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE141000L	1/8"	3"	4 1/2"	left
SE141000R	1/8"	3"	4 1/2"	right
SE141001L	9/64"	3"	4 1/2"	left
SE141001R	9/64"	3"	4 1/2"	right
SE141002L	5/32"	3"	4 1/2"	left
SE141002R	5/32"	3"	4 1/2"	right
SE14101L	3/16"	3"	4 1/2"	left
SE14101R	3/16"	3"	4 1/2"	right
SE14103L	1/4"	3"	4 1/2"	left
SE14103R	1/4"	3"	4 1/2"	right
SE14105L	5/16"	3"	4 1/2"	left
SE14105R	5/16"	3"	4 1/2"	right
SE14106L	11/32"	3"	4 1/2"	left
SE14106R	11/32"	3"	4 1/2"	right
SE14107L	3/8"	3"	4 1/2"	left
SE14107R	3/8"	3"	4 1/2"	right
SE14109L	7/16"	3"	4 1/2"	left
SE14109R	7/16"	3"	4 1/2"	right
SE14111L	1/2"	3"	4 1/2"	left
SE14111R	1/2"	3"	4 1/2"	right



*14HS Screw Shank
Brad-point Drill*

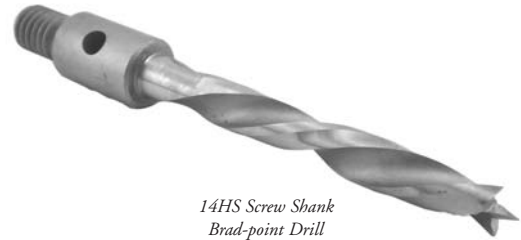
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Drills

THREADED-SHANK BRAD-POINT DRILL, STYLE NO. 14HS - continued

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

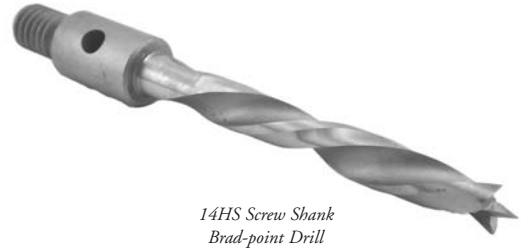
Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE14112L	9/16"	3"	4 1/2"	left
SE14112R	9/16"	3"	4 1/2"	right
SE14113L	5/8"	3"	4 1/2"	left
SE14113R	5/8"	3"	4 1/2"	right
SE141131L	11/16"	3"	4 1/2"	left
SE141131R	11/16"	3"	4 1/2"	right
SE14114L	3/4"	3"	4 1/2"	left
SE14114R	3/4"	3"	4 1/2"	right
SE141141L	13/16"	3"	4 1/2"	left
SE141141R	13/16"	3"	4 1/2"	right
SE14115L	7/8"	3"	4 1/2"	left
SE14115R	7/8"	3"	4 1/2"	right
SE14116L	1"	3"	4 1/2"	left
SE14116R	1"	3"	4 1/2"	right



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

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

Part Number	Cutting Diameter	Cutting Length	Overall Length	Rotational Direction
SE141010L	5mm	3"	4 1/2"	left
SE141010R	5mm	3"	4 1/2"	right
SE141022L	6mm	3"	4 1/2"	left
SE141022R	6mm	3"	4 1/2"	right
SE141053L	8mm	3"	4 1/2"	left
SE141053R	8mm	3"	4 1/2"	right
SE1410800L	10mm	3"	4 1/2"	left
SE1410800R	10mm	3"	4 1/2"	right
SE1411021L	12mm	3"	4 1/2"	left
SE1411021R	12mm	3"	4 1/2"	right



Drills

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

Shank thread is 7/16"-14.
Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length
SE141073R	3/8"	5"	6 1/2"
SE1410931	7/16"	5"	6 1/2"
SE141109R	1/2"	5"	6 1/2"



14HSL Screw Shank
Brad-point Drill

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

Shank thread is 7/16"-14.
Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Directional Rotation
SE14147L	1/4"	1 5/8"	2 1/2"	left
SE14147R	1/4"	1 5/8"	2 1/2"	right
SE14149L	5/16"	1 5/8"	2 1/2"	left
SE14149R	5/16"	1 5/8"	2 1/2"	right
SE14151L	3/8"	1 5/8"	2 1/2"	left
SE14151R	3/8"	1 5/8"	2 1/2"	right
SE14153L	7/16"	1 5/8"	2 1/2"	left
SE14153R	7/16"	1 5/8"	2 1/2"	right
SE14154L	1/2"	1 5/8"	2 1/2"	left
SE14154R	1/2"	1 5/8"	2 1/2"	right
SE14155L	9/16"	1 5/8"	2 1/2"	left
SE14155R	9/16"	1 5/8"	2 1/2"	right
SE14156L	5/8"	1 5/8"	2 1/2"	left
SE14156R	5/8"	1 5/8"	2 1/2"	right



14R Screw Shank
Brad-point Drill

Other sizes available, call for pricing.

Drills

BRAD-POINT DRILL, STYLE NO. 19

Right-hand rotation.
Made from carbon steel.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Overall Length
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"
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"



19 Brad-point Drill

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 Length	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"
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"



19CT Brad-point Drill

Other sizes available, call for pricing.

Drills

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 Length	Overall Length
SE1920301	8mm	3"	1/2"	5"
SE192051	10mm	3"	1/2"	5"
SE192064	12mm	3"	1/2"	5"



19CT Brad-point Drill

BRAD-POINT DRILL, STYLE NO. 19HS

Right-hand rotation.

Made from high-speed steel.

Part Number	Cutting Diameter	Cutting Length	Overall Length	Shank Length
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"
SE19105	5/16"	3"	5"	1/2"
SE19107	3/8"	3"	5"	1/2"
SE19110	7/16"	3"	5"	1/2"
SE19112	1/2"	3"	5"	1/2"
SE19113	9/16"	3"	5"	1/2"
SE19114	5/8"	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"
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.



19HS Brad-point Drill

Drills

BRAD-POINT DRILL, STYLE NO. 19HS METRIC

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

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



19HS Brad-point Drill

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"



19HSL Brad-point Drill

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"



Tapered Brush-Block Drill

Drills

BRAD-POINT DRILL, STYLE NO. 20

Right-hand rotation.
Made from carbon tool steel.

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SE20003	3/16"	4"	1/2"	6"
SE20006	1/4"	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"
SE20022	9/16"	4"	1/2"	6"
SE20024	5/8"	4"	1/2"	6"
SE20028	3/4"	4"	1/2"	6"
SE20032	7/8"	4"	1/2"	6"
SE20036	1"	4"	1/2"	6"
SE20039	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.



20 Brad-point Drill

Drills

BRAD-POINT DRILL, STYLE NO. 20BHS

Made from high-speed steel.

Overall length 5-1/2". Right-hand rotation.

Part Number	Cutting Diameter	Cutting Length	Shank Length	Shank Diameter
SE20305HS	7/32"	4"	1 1/2"	3/8"
SE203050HS	1/4"	4"	1 1/2"	3/8"
SE203051HS	9/32"	4"	1 1/2"	3/8"
SE203052HS	5/16"	4"	1 1/2"	3/8"
SE20307HS	3/8"	4"	1 1/2"	3/8"
SE20310HS	7/16"	4"	1 1/2"	3/8"
SE20312HS	1/2"	4"	1 1/2"	3/8"
SE20314HS	9/16"	4"	1 1/2"	3/8"
SE20315HS	5/8"	4"	1 1/2"	3/8"
SE20316HS	11/16"	4"	1 1/2"	3/8"
SE20317HS	3/4"	4"	1 1/2"	3/8"
SE20318HS	13/16"	4"	1 1/2"	3/8"
SE20319HS	7/8"	4"	1 1/2"	3/8"
SE20320HS	15/16"	4"	1 1/2"	3/8"
SE20321HS	1"	4"	1 1/2"	3/8"

Other sizes available, call for pricing.



20BHS Brad-point Drill

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.

Overall length 5-1/2". Right-hand rotation

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



20BCT Brad-point Drill

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"



20CT Brad-point Drill

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"
SE20102	7/32"	4"	1/2"	6"
SE20103	1/4"	4"	1/2"	6"
SE20104	9/32"	4"	1/2"	6"
SE20105	5/16"	4"	1/2"	6"
SE20106	11/32"	4"	1/2"	6"
SE20107	3/8"	4"	1/2"	6"
SE20109	13/32"	4"	1/2"	6"
SE20110	7/16"	4"	1/2"	6"
SE20111	15/32"	4"	1/2"	6"
SE20112	1/2"	4"	1/2"	6"
SE20113	17/32"	4"	1/2"	6"
SE20114	9/16"	4"	1/2"	6"
SE20115	5/8"	4"	1/2"	6"
SE20116	11/16"	4"	1/2"	6"
SE20117	3/4"	4"	1/2"	6"
SE20118	13/16"	4"	1/2"	6"
SE20119	7/8"	4"	1/2"	6"
SE20120	15/16"	4"	1/2"	6"
SE20121	1"	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"



20HS Brad-point Drill

Drills

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"



20HS Brad-point Drill

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"



20HSLH Brad-point Drill

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.



20-6CT Brad-point Drill

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.



20-6 Brad-point Drill

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.



20-6HS Brad-point Drill

Drills

GENERAL PURPOSE DRILL, JOBBER LENGTH, STYLE NO. 29

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

SE29001 thru SE29018 comes in packs of 12 pcs.
SE29019 thru SE29032 comes in packs of 6 pcs.

GENERAL PURPOSE DRILL, JOBBER LENGTH, STYLE NO. 29LH

Left-hand rotation.
Made from high-speed steel. 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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Drills

GENERAL PURPOSE DRILL, JOBBER LENGTH, STYLE NO. 29LH - continued

Left-hand rotation.

Made from high-speed steel. 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. 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	39mm	24mm	15mm
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
SE295085	8.5mm	117mm	75mm	42mm
SE29509	9mm	125mm	81mm	44mm



Style 29M

Drills

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

- continued

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

Part Number	Cutting Diameter	Overall Length	Flute Length	Shank Length
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. 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

SEJS25MET	25	1 - 13mm	by 0.5mm
SEJS49MET	41	6 - 10mm	by 0.1mm



Straight Shank Drill Set

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. 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. 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.

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 1/8"	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"



Style 29JTP

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

Designed for use with wood screws.

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 3/4"	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"



Style 29TTP

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"



Auger Bit 26A

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. 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
SEA250775	5/8"	7 1/2"	3/8" or larger
SEA250875	11/16"	7 1/2"	3/8" or larger
SEA250975	3/4"	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



26F Auger Bit

Drills

POWER POLE AUGER BIT, STYLE 26PP

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"



Auger Bit 26PP

DRILL-POINT DRILL, STYLE 32HS

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

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"



Self Centering Drill Guides



Hex Shank

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"

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. 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"	1/2"	1/4"	#10-32
SESC-14	1/4"	5/8"	3/8"	#10-32
SESC-516	5/16"	5/8"	3/8"	#10-32
SESC-38	3/8"	3/4"	7/16"	1/4"-20
SESC-716	7/16"	7/8"	1/2"	1/4"-20
SESC-12	1/2"	7/8"	1/2"	1/4"-20
SESC-916	9/16"	1 1/8"	1/2"	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



Depth Collar

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

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

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

THREADED SHANK KEYED DRILL CHUCKS, STYLE 74

For use on boring machines requiring a 7/16"-14 threaded shank.
Industrial quality adjustable chucks for accuracy and long life.
Note: Overall length includes 5/8" of 7/16"-14 threads.

Part Number	Fits Sizes Inches	Fits Sizes Metric	Large Diameter	Overall Length
SE74003	1/32"-1/4"	0.5-6.5mm	1.26"	3 1/4"
SE74004	1/32"-3/8"	0.7-10mm	1.50"	3 3/4"
SE74005	5/64"-1/2"	2-13mm	1.68"	4 1/16"

Southeast Tool has a large line of industrial keyed chucks available. These cover most internal mounted Jacobs Taper styles, and a large selection of internal thread mounted chucks. Please check with us on any of your chuck needs as these are exceptional in quality and price.

Important Safety Information

- Never fail to remove the key from the chuck after using, always check before drill is turned on.
- Before mounting chuck to a spindle or arbor thoroughly clean, after firmly press together.
- Never apply extensions of any kind to chuck key handles.
- Never subject chuck key handles to hammer or other impact blows.



Drill Chuck Style 74

New!

Door Manufacturing

New!

CARBIDE-TIPPED STRAIGHT BITS



SE1073

Part Number	Cutting Diameter	Cutting Length	# of Flutes	Shank Diameter	Overall Length
SE1055A	1/2"	2 1/2"	1	1/2"	4 3/8"
SE1055C	1/2"	2 1/2"	1	1/2"	5 1/8"
SE1073	1/2"	2 1/2"	2	1/2"	4 3/8"
SE1073M	1/2"	2 1/2"	2	1/2"	5 1/2"



SE1252

CARBIDE-TIPPED STAGGERTOOTH BITS (OPPOSITE SHEAR)

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



SEDL 1/2-5

CARBIDE-TIPPED STRAIGHT DOOR LITE BITS

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

*With (1) Flat on shank.

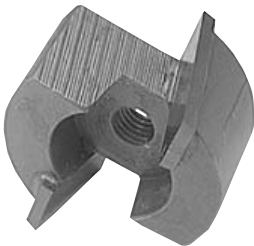


SRDL55 1/2 HS

HIGH-SPEED STEEL SPIRAL DOOR BITS

Part Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
SRDL55 1/2 HS	1/2"	2 1/2"	1/2"	5 1/2"
SRDL55 1/2 HS-TIN	1/2"	2 1/2"	1/2"	5 1/2"

*Tin coated for extended wear.



SE131250

CARBIDE-TIPPED SCREW-ON MORTISE BITS

Part Number	Cutting Diameter	Cutting Length	Overall Length	Threads
SE131250	1 1/4"	1/2"	1/2"	1/4-28
SE131250-5/16	1 1/4"	5/8"	5/8"	5/16-24



SE131250

ARBORS FOR SCREW-ON MORTISE BITS

Part Number	Shank Diameter	Overall Length	Threads
SEHMA-1/4	1/4"	1 3/4"	1/4-28
SEHMA-1/2	1/2"	1 3/4"	1/4-28
SEHMA-1/2-XL	1/2"	2 5/8"	1/4-28
SEHMA-1/4-5/16	1/4"	1 3/4"	5/16-24
SEHMA-1/2-5/16	1/2"	1 3/4"	5/16-24

Door Manufacturing

CARBIDE-TIPPED 3 WING DRILLS

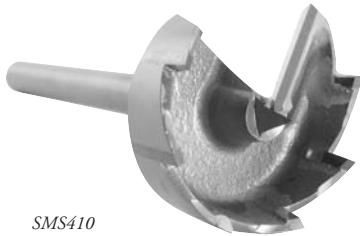


SDR410

Part Number	Diameter	OAL	Shank
SDR300	3/4"	6"	1/2"
SDR320	1"	6"	1/2"
SDR340	1 1/4"	6"	1/2"
SDR360	1 1/2"	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"

**Other drills listed on page 44.*

CARBIDE-TIPPED MULTI-SPUR BITS



SMS410

Part Number	Diameter	OAL	Shank
SMS320	1"	6"	1/2"
SMS410	2 1/8"	6"	1/2"

Add "F" to end of part number for 1 Flat on Shank

Add "F3" to end of part number for 3 Flats on Shank

**Other drills listed on page 45.*



SMSHS411

HIGH-SPEED STEEL (HSS) MULTI-SPUR

Part Number	Diameter	Shank	OAL
SMSHS321	1"	1/2"	6"
SMSHS411	2 1/8"	1/2"	6"

**Other drills listed on page 45.*

CARBIDE-TIPPED DOOR KNOB 3 WING DRILL



SDK500

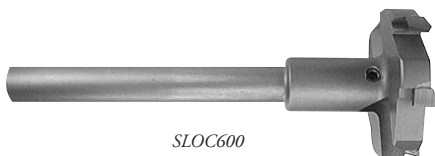
Part Number	Diameter	Shank	OAL	Description
SDK500	2 1/8"	1/2"	5 3/4"	No Flat
SDK510	2 1/8"	1/2"	5 3/4"	With Flat

Replacement Parts:

SDK560 - Center Drill

SDK565 - Set Screw

CARBIDE-TIPPED DOOR BITS



SLOC600

Part Number	Description	Diameter	Shank	OAL
SLOC600	With 1 Flat	2 1/8"	1/2"	5 3/4"
SLOC610	Without Flat	2 1/8"	1/2"	5 3/4"

Door Manufacturing

FORSTNER BITS - HIGH-SPEED STEEL (HSS)



Forstner Bit

Part Number	Cutting Diameter	Shank Diameter	Shank Length	Overall Length
SE55009	3/4"	1/2"	4 11/16"	5"
SE55013	1"	1/2"	4 9/16"	5"
SE55025	2"	1/2"	6 1/8"	6 3/4"
SE55026	2 1/8"	1/2"	6 1/8"	6 3/4"

**Other sizes available on page 49*



SLAT780



SLAT790

CARBIDE-TIPPED LATCH BITS FOR AUTOMATED PRE-HUNG DOOR EQUIPMENT

Part Number	Description	Diameter	Shank	OAL
SLAT770	Without Flat	1"	1/2"	5 7/8"
SLAT780	With Flat	1"	1/2"	5 7/8"
SLAT790	Threaded	1"	7/16 Thread	5 7/8"

**Other sizes available on page 46.*



SBPT1

CARBIDE-TIPPED BRAD-POINT TWIST

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



SE9600

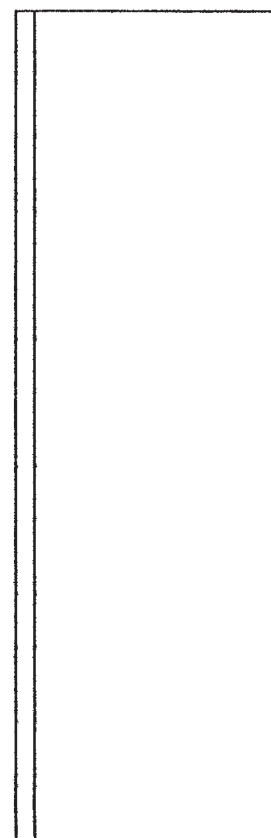
SQUARE CORNER CHISEL FOR SQUARING 1/4 RADIUS CORNERS

Part Number	Cutting Diameter	Twist Length	Shank Diameter	Overall Length	Description
SE9600					

Planer Knives

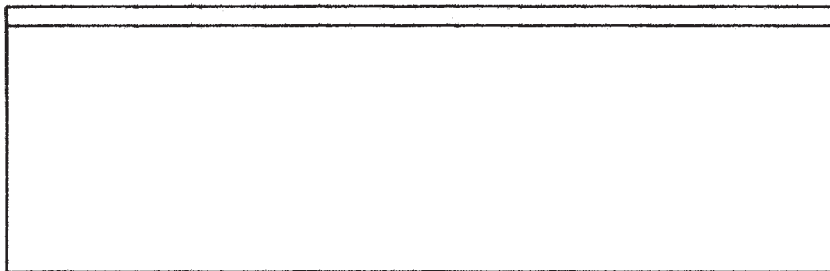
HSS – Available in 30mm & 35mm Width

Part Number	Length	Width	Thickness
SEPH30152	60mm	30mm	3.0mm
SEPH30153	80mm	30mm	3.0mm
SEPH30154	100mm	30mm	3.0mm
SEPH30156	110mm	30mm	3.0mm
SEPH30157	120mm	30mm	3.0mm
SEPH30159	130mm	30mm	3.0mm
SEPH30162	150mm	30mm	3.0mm
SEPH30165	180mm	30mm	3.0mm
SEPH30168	210mm	30mm	3.0mm
SEPH30171	230mm	30mm	3.0mm
SEPH30174	260mm	30mm	3.0mm
SEPH30175	300mm	30mm	3.0mm
SEPH30176	310mm	30mm	3.0mm
SEPH30183	410mm	30mm	3.0mm
SEPH30187	510mm	30mm	3.0mm
SEPH30191	610mm	30mm	3.0mm
SEPH30192	630mm	30mm	3.0mm
SEPH30194	640mm	30mm	3.0mm
SEPH30198	710mm	30mm	3.0mm
SEPH30201	810mm	30mm	3.0mm
SEPH30203	860mm	30mm	3.0mm
SEPH30249	1050mm	30mm	3.0mm
SEPH30205	60mm	35mm	3.0mm
SEPH30206	80mm	35mm	3.0mm
SEPH30207	100mm	35mm	3.0mm
SEPH30208	110mm	35mm	3.0mm
SEPH30209	120mm	35mm	3.0mm
SEPH30210	130mm	35mm	3.0mm
SEPH30211	150mm	35mm	3.0mm
SEPH30214	180mm	35mm	3.0mm
SEPH30217	210mm	35mm	3.0mm
SEPH30218	230mm	35mm	3.0mm
SEPH30220	260mm	35mm	3.0mm
SEPH48006	300mm	35mm	3.0mm
SEPH30222	310mm	35mm	3.0mm
SEPH30226	410mm	35mm	3.0mm
SEPH30231	510mm	35mm	3.0mm
SEPH30235	610mm	35mm	3.0mm
SEPH30236	630mm	35mm	3.0mm
SEPH30237	640mm	35mm	3.0mm
SEPH30240	710mm	35mm	3.0mm
SEPH30243	810mm	35mm	3.0mm
SEPH30244	860mm	35mm	3.0mm
SEPH30252	1050mm	35mm	3.0mm



Planer Knives

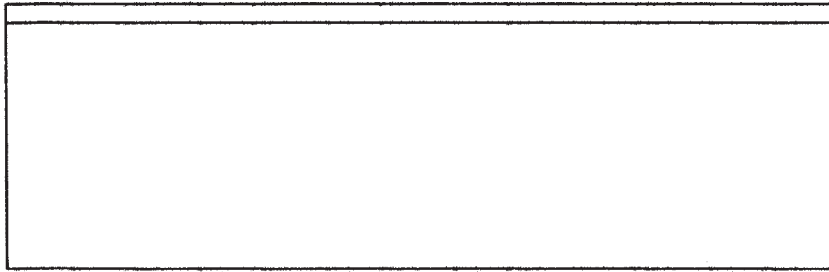
CARBIDE TIPPED – Available in 30mm & 35mm Width



Part Number	Length	Width	Thickness
SEPCT29969	60mm	30mm	3.0mm
SEPCT29970	80mm	30mm	3.0mm
SEPCT29972	100mm	30mm	3.0mm
SEPCT29973	110mm	30mm	3.0mm
SEPCT29974	120mm	30mm	3.0mm
SEPCT29975	130mm	30mm	3.0mm
SEPCT29979	150mm	30mm	3.0mm
SEPCT29982	180mm	30mm	3.0mm
SEPCT29987	210mm	30mm	3.0mm
SEPCT29989	230mm	30mm	3.0mm
SEPCT29994	260mm	30mm	3.0mm
SEPCT29996	300mm	30mm	3.0mm
SEPCT29997	310mm	30mm	3.0mm
SEPCT30001	410mm	30mm	3.0mm
SEPCT30007	510mm	30mm	3.0mm
SEPCT30012	610mm	30mm	3.0mm
SEPCT30016	710mm	30mm	3.0mm
SEPCT30018	810mm	30mm	3.0mm
SEPCT30021	60mm	35mm	3.0mm
SEPCT30022	80mm	35mm	3.0mm
SEPCT30024	100mm	35mm	3.0mm
SEPCT30025	110mm	35mm	3.0mm
SEPCT30026	120mm	35mm	3.0mm
SEPCT30027	130mm	35mm	3.0mm
SEPCT30029	150mm	35mm	3.0mm
SEPCT30032	180mm	35mm	3.0mm
SEPCT30035	210mm	35mm	3.0mm
SEPCT30036	230mm	35mm	3.0mm
SEPCT30040	260mm	35mm	3.0mm
SEPCT30041	300mm	35mm	3.0mm
SEPCT30042	310mm	35mm	3.0mm
SEPCT30047	410mm	35mm	3.0mm
SEPCT30050	510mm	35mm	3.0mm
SEPCT30054	610mm	35mm	3.0mm
SEPCT30058	710mm	35mm	3.0mm
SEPCT30059	810mm	35mm	3.0mm

Planer Knives

SOLID CARBIDE – Available in 30mm & 35mm Width
8% and 10% Binder



Part Number 8% Binder	Part Number 10% Binder	Length	Width	Thickness
SEPS847564	SEPS150050	60mm	30mm	3.0mm
SEPS829674	SEPS150051	80mm	30mm	3.0mm
SEPS829675	SEPS142029	100mm	30mm	3.0mm
SEPS850052	SEPS150053	110mm	30mm	3.0mm
SEPS850054	SEPS150055	120mm	30mm	3.0mm
SEPS850056	SEPS144900	130mm	30mm	3.0mm
SEPS829677	SEPS142030	150mm	30mm	3.0mm
SEPS829679	SEPS150057	180mm	30mm	3.0mm
SEPS850058	SEPS150059	210mm	30mm	3.0mm
SEPS829680	SEPS149223	230mm	30mm	3.0mm
SEPS850060	SEPS149222	260mm	30mm	3.0mm
SEPS829682	SEPS150061	310mm	30mm	3.0mm
SEPS850062	SEPS147867	60mm	35mm	3.0mm
SEPS850063	SEPS147868	80mm	35mm	3.0mm
SEPS850064	SEPS147869	100mm	35mm	3.0mm
SEPS829676	SEPS150065	110mm	35mm	3.0mm
SEPS850066	SEPS150067	120mm	35mm	3.0mm
SEPS850068	SEPS147870	130mm	35mm	3.0mm
SEPS850069	SEPS150070	150mm	35mm	3.0mm
SEPS850071	SEPS150072	180mm	35mm	3.0mm
SEPS850073	SEPS150074	210mm	35mm	3.0mm
SEPS850075	SEPS149669	230mm	35mm	3.0mm
SEPS850076	SEPS150077	260mm	35mm	3.0mm
SEPS850078	SEPS150079	310mm	35mm	3.0mm

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	1.3063
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

$$\frac{\text{Decimal}}{.03937} = \text{mm} \qquad \textit{Example} \qquad \frac{.315}{.03937} = 8\text{mm}$$