

M2 Cold Saw Blanks



M2 Cold Saw Blanks

Item Number	Diameter mm	Thickness mm	Bore mm	Pin Holes mm
SB-C2502B32	250	2.0	32	2/8.5/45 & 2/12/64
SB-C2502B40	250	2.0	40	2/9/55 & 4/12/64
SB-C25025B32	250	2.5	32	2/8.5/45 & 2/12/64
SB-C2752B32	275	2.0	32	2/8.5/45 & 2/12/64
SB-C2752B40	275	2.0	40	2/9/55 & 4/12/64
SB-C27525B32	275	2.5	32	2/8.5/45 & 2/12/64
SB-C27525B40	275	2.5	40	2/9/55 & 4/12/64
SB-C30025B32	300	2.5	32	2/8.5/45 & 2/12/64
SB-C30025B38	300	2.5	38	2/9/55 & 4/12/64
SB-C30025B40	300	2.5	40	2/9/55 & 4/12/64
SB-C3003B32	300	3.0	32	2/8.5/45 & 2/12/64
SB-C3003B40	300	3.0	40	2/9/55 & 4/12/64
SB-C31525B32	315	2.5	32	2/8.5/45 & 2/12/64
SB-C31525B32TAL	315	2.5	32	2/8.5/45 & 2/12/64
SB-C31525B40	315	2.5	40	2/9/55 & 4/12/64
SB-C3153B32	315	3.0	32	2/8.5/45 & 2/12/64
SB-C3153B40	315	3.0	40	2/9/55 & 4/12/64
SB-C35025B32	350	2.5	32	2/8.5/45 & 2/12/64
SB-C35025B40	350	2.5	40	2/9/55 & 4/12/64
SB-C3503B32	350	3.0	32	2/8.5/45 & 2/12/64
SB-C3503B40	350	3.0	40	2/9/55 & 4/12/64
SB-C3703B40	370	3.0	40	2/9/55 & 4/12/64
SB-C40035B50	400	3.5	50	4/15/80 & 4/14/85
SB-C4503B40	450	3.0	40	2/9/55 & 4/12/64

M2 Cold Saw Blanks, Tin Coating

SB-C27525B40TN	275	2.5	40	2/9/55 & 4/12/64, tin coating
SB-C31525B40TN	315	2.5	40	2/9/55 & 4/12/64, tin coating
SB-C35025B32TN	350	2.5	32	2/8.5/45 & 2/12/64, tin coating
SB-C35025B40TN	350	2.5	40	2/9/55 & 4/12/64, tin coating
SB-C3503B32TN	350	3.0	32	2/8.5/45 & 2/12/64, tin coating
SB-C4503B50TN	450	3.0	50	4/15/80 & 4/14/85, tin coating

High Speed Steel Metal Saw Blanks



High Speed Steel Metal Saw Blanks

Item Number	Diameter	Thickness	Bore	Description
SB-S10364B10	10"	3/64	1"	Blank
SB-S10116B58	10"	1/16	5/8	Blank
SB-S10116B10	10"	1/16	1"	Blank
SB-S10332B58	10"	3/32	5/8	Blank
SB-S1018B58	10"	1/8	5/8	Blank
SB-S12116B100	12"	1/16	1"	Blank
SB-S12332B58	12"	3/32	5/8	Blank
SB-S12332B100	12"	3/32	1"	Blank
SB-S1218B58	12"	1/8	5/8	Blank
SB-S1218B100	12"	1/8	1"	Blank

Industrial Quality Carbide Tipped Saw Blades

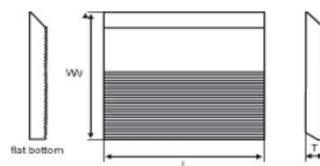


Industrial Quality Carbide Tipped Saw Blades

Item Number	Standard Kerf mm	Diameter	Bore	Teeth	Grind	Keyways	Hook
SB-H71424A		7-1/4"	5/8"	24	ATB		
SB-W1024T	3.2/2.2	10"	5/8"	24	TCG		15°
SB-W1024A	3.2/2.2	10"	5/8"	24	ATB		15°
SB-W1040A	3.2/2.2	10"	5/8"	40	ATB		12°
SB-W1040T	3.2/2.2	10"	5/8"	40	TCG		12°
SB-W1040T2P	3.2/2.2	10"	4-3/16"	40	TCG		12°
SB-W1040T3P	3.2/2.2	10"	3"	40	TCG		12°
SB-W1050COM	3.2/2.2	10"	5/8"	50	4&1		12°
SB-N1060A	3.2/2.2	10"	5/8"	60	ATB		12°
SB-N1060T	3.2/2.2	10"	5/8"	60	TCG		12°
SB-W1060N7	3.2/2.2	10"	5/8"	60	TCG		-7°
SB-W1080A	3.2/2.2	10"	5/8"	80	ATB		12°
SB-W1080T	3.2/2.2	10"	5/8"	80	TCG		12°
SB-W1080AH	3.2/2.2	10"	5/8"	80	HATB		-5°
SB-W1080N7	3.2/2.2	10"	5/8"	80	TCG		-7°
SB-W1080ATB-R	3.2/2.2	10"	5/8"	80	ATB		12°
SB-D10126N10T	2.2	10"	5/8"	126	TCG		-10°
SB-W1230T-C2	4.0/2.8	12"	1"	30	TCG		0°
SB-W1236T	3.2/2.2	12"	1"	36	TCG		20°
SB-W1236T-4318	4.0/2.8	12"	3-1/8"	36	TCG		20°
SB-W1260COM	3.2/2.2	12"	1"	60	4&1		12°
SB-W1272A	3.2/2.2	12"	1"	72	ATB		12°
SB-W1272T	3.2/2.2	12"	1"	72	TCG		12°
SB-W1280ATB-R	3	12"	5/8"	80	ATB		0°
SB-N1296T	3.2/2.2	12"	1"	96	TCG		12°
SB-W1296AH	3.2/2.2	12"	1"	96	HATB		-5°
SB-W1296TNF	3.2/2.2	12"	1"	96	TCG		-7°
SB-W30036T-470	4.0/2.8	300mm	70mm	36	TCG	2-20 x 10	20°
SB-W1436T-43318	4.3/3.0	14"	3-1/8"	36	TCG		20°
SB-W1436T-4370	4.3/3.0	14"	70mm	36	TCG		20°

Corrugated Knife Corrugated Carbide Inlay

M2 High Speed Steel Corrugated Knife



M2 High Speed Steel Corrugated Knife

Item Number	Material	Thickness	Width	Length
HSC-25516114	M2	5/16	1-1/4	25"
HSC-25516112	M2	5/16	1-1/2	25"
HSC-25516134	M2	5/16	1-3/4	25"
HSC-25516200	M2	5/16	2"	25"
HSC-25516214	M2	5/16	2-1/4	25"
HSC-25516212	M2	5/16	2-1/2	25"
HSC-25516234	M2	5/16	2-3/4	25"
HSC-25516300	M2	5/16	3"	25"
HSC-2514114	M2	1/4	1-1/4	25"
HSC-2514112	M2	1/4	1-1/2	25"
HSC-2514134	M2	1/4	1-3/4	25"
HSC-2514200	M2	1/4	2"	25"
HSC-2514214	M2	1/4	2-1/4	25"
HSC-2514212	M2	1/4	2-1/2	25"
HSC-2514234	M2	1/4	2-3/4	25"
HSC-2514300	M2	1/4	3"	25"

*Custom sizes available

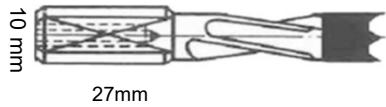


Corrugated Carbide Inlay

Item Number	Thickness	Carbide Width	Overall Width	Length
HSC-T2515328	8mm	15mm	32mm	635mm
HSC-T2515386	6mm	15mm	38mm	635mm
HSC-T2515388	8mm	15mm	38mm	635mm
HSC-T2520458	8mm	20mm	45mm	635mm
HSC-T2525508	8mm	25mm	50mm	635mm

*Custom sizes available

Carbide Tipped Brad Point Metric Boring Bits



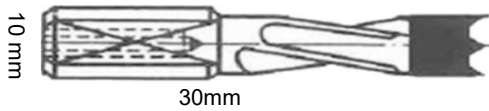
Brad Point Metric Boring Bits

Length 57mm, Shank 10mm x 27mm

Item Number Right Hand	Left Hand	Diameter mm	Diameter inches
C030BBR-S	C030BBL-S	3	
C040BBR	C040BBL	4	
C045BBR	C045BBL	4.5	
C476BBR	C476BBL	4.76	3/16"
C050BBR	C050BBL	5	
C051BBR	C051BBL	5.1	
C052BBR	C052BBL	5.2	13/64"
C555BBR	C555BBL	5.55	7/32"
C060BBR	C060BBL	6	
C635BBR	C635BBL	6.35	1/4"
C645BBR	C645BBL	6.45	
C065BBR	C065BBL	6.5	
C070BBR	C070BBL	7	
C080BBR	C080BBL	8	
C082BBR	C082BBL	8.2	
C090BBR	C090BBL	9	
C952BBR	C952BBL	9.52	3/8"
C100BBR	C100BBL	10	
C110BBR	C110BBL	11	
C111BBR	C111BBL	11.1	7/16"
C120BBR	C120BBL	12	
C127BBR	C127BBL	12.7	1/2"
C130BBR	C130BBL	13	
C140BBR	C140BBL	14	
C150BBR	C150BBL	15	
C160BBR	C160BBL	16	
C168BBR	C168BBL	16.8	
C170BBR	C170BBL	17	
C180BBR	C180BBL	18	
C190BBR	C190BBL	19	3/4"
C200BBR	C200BBL	20	

***CALL FOR VOLUME DISCOUNT**

Carbide Tipped Brad Point Metric Boring Bits

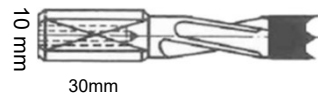


Length 70mm, Shank 10mm x 30mm

Item Number		Diameter	Diameter
Right Hand	Left Hand	mm	inches
H030BBR-S	H030BBL-S	3mm	
H040BBR	H040BBL	4mm	
H045BBR	H045BBL	4.5mm	
H476BBR	H476BBL	4.76mm	3/16"
H050BBR	H050BBL	5mm	
H051BBR	H051BBL	5.1mm	
H052BBR	H052BBL	5.2mm	13/64"
H555BBR	H555BBL	5.55mm	7/32"
H060BBR	H060BBL	6mm	
H635BBR	H635BBL	6.35mm	1/4"
H065BBR	H065BBL	6.5mm	
H067BBR	H067BBL	6.7mm	
H070BBR	H070BBL	7mm	
H075BBR	H075BBL	7.5mm	
H775BBR	H775BBL	7.75mm	
H080BBR	H080BBL	8mm	
H082BBR	H082BBL	8.2mm	
H085BBR	H085BBL	8.5mm	
H090BBR	H090BBL	9mm	
H952BBR	H952BBL	9.52mm	3/8"
H100BBR	H100BBL	10mm	
H110BBR	H110BBL	11mm	
H111BBR	H111BBL	11.1mm	7/16"
H120BBR	H120BBL	12mm	
H123BBR	H123BBL	12.3mm	
H127BBR	H127BBL	12.7mm	1/2"
H130BBR	H130BBL	13mm	
H140BBR	H140BBL	14mm	
H150BBR	H150BBL	15mm	
H1587BBR	H1587BBL	15.87mm	5/8"
H160BBR	H160BBL	16mm	
H170BBR	H170BBL	17mm	
H180BBR	H180BBL	18mm	
H190BBR	H190BBL	19mm	3/4"
H200BBR	H200BBL	20mm	

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Carbide Tipped Brad Point Metric Boring Bits



Length 77mm, Shank 10mm x 30mm

Item Number Right Hand	Left Hand	Diameter mm	Diameter inches
K050BBR	K050BBL	5	
K055BBR	K055BBL	5.5	
K060BBR	K060BBL	6	
K070BBR	K070BBL	7	
K075BBR	K075BBL	7.5	
K080BBR	K080BBL	8	
K090BBR	K090BBL	9	
K952BBR	K952BBL	9.52	3/8"
K100BBR	K100BBL	10	
K110BBR	K110BBL	11	
K120BBR	K120BBL	12	
K127BBR	K127BBL	12.7	1/2"
K130BBR	K130BBL	13	
K150BBR	K150BBL	15	

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Carbide Tipped 60° V-Point Metric Boring Bits



Length 57mm, Shank 10mm x 27mm

Item Number		Diameter	Diameter
Right Hand	Left Hand	mm	inches
C030VBR-S	C030VBL-S	3	
C040VBR	C040VBL	4	
C476VBR	C476VBL	4.76	3/16"
C050VBR	C050VBL	5	
C052VBR	C052VBL	5.2	13/64"
C505VBR	C0505VBL	5.05	
C555VBR	C555VBL	5.55	7/32"
C060VBR	C060VBL	6	
C635VBR	C635VBL	6.35	1/4"
C070VBR	C070VBL	7	
C080VBR	C080VBL	8	
C090VBR	C090VBL	9	
C952VBR	C952VBL	9.52	3/8"
C100VBR	C100VBL	10	
C110VBR	C110VBL	11	
C111VBR	C111VBL	11.1	7/16"
C120VBR	C120VBL	12	
C130VBR	C130VBL	13	
C140VBR	C140VBL	14	
C150VBR	C150VBL	15	
C160VBR	C160VBL	16	

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Carbide Tipped 60° V-Point Metric Boring Bits



30mm



Length 70mm, Shank 10mm x 30mm

Item Number Right Hand	Left Hand	Diameter mm	Diameter inches
H030VBR-S	H030VBL-S	3	
H040VBR	H040VBL	4	
H476VBR	H476VBL	4.76	3/16"
H050VBR	H050VBL	5	
H505VBR	H505VBL	5.05	13/64"
H052VBR	H052VBL	5.2	
H555VBR	H555VBL	5.55	7/32"
H060VBR	H060VBL	6	
H635VBR	H635VBL	6.35	1/4"
H070VBR	H070VBL	7	
H080VBR	H080VBL	8	
H090VBR	H090VBL	9	
H952VBR	H952VBL	9.52	3/8"
H100VBR	H100VBL	10	
H110VBR	H110VBL	11	
H111VBR	H111VBL	11.1	7/16"
H120VBR	H120VBL	12	
H127VBR	H127VBL	12.7	1/2"
H130VBR	H130VBL	13	
H140VBR	H140VBL	14	
H150VBR	H150VBL	15	
H160VBR	H160VBL	16	
H165VBR	H165VBL	16.5	

Length 77mm, Shank 10mm x 30mm

Item Number Right Hand	Left Hand	Diameter mm	Diameter inches
K050VBR	K050VBL	5	
K060VBR	K060VBL	6	
K635VBR	K635VBL	6.35	1/4"
K070VBR	K070VBL	7	
K080VBR	K080VBL	8	
K090VBR	K090VBL	9	
K952VBR	K952VBL	9.52	3/8"
K100VBR	K100VBL	10	
K120VBR	K120VBL	12	
K127VBR	K127VBL	12.7	1/2"

M

Hinge Boring Bits



Length 57mm, Shank 10mm

Item Number Right Hand	Left Hand	Diameter mm	Overall Length
C150HBR	C150HBL	15	57mm
C160HBR	C160HBL	16	57mm
C180HBR	C180HBL	18	57mm
C190HBR	C190HBL	19	57mm
C197HBR	C197HBL	19.7	57mm
C200HBR	C200HBL	20	57mm
C220HBR	C220HBL	22	57mm
C250HBR	C250HBL	25	57mm
C260HBR	C260HBL	26	57mm
C300HBR	C300HBL	30	57mm
C340HBR	C340HBL	34	57mm
C350HBR	C350HBL	35	57mm
C360HBR	C360HBL	36	57mm
C400HBR	C400HBL	40	57mm

Length 70mm, Shank 10mm

Item Number Right Hand	Left Hand	Diameter mm	Overall Length
H150HBR	H150HBL	15	70mm
H165HBR	H165HBL	16.5	70mm
H180HBR	H180HBL	18	70mm
H190HBR	H190HBL	19	70mm
H200HBR	H200HBL	20	70mm
H220HBR	H220HBL	22	70mm
H222HBR	H222HBL	22.2	70mm
H230HBR	H230HBL	23	70mm
H240HBR	H240HBL	24	70mm
H250HBR	H250HBL	25	70mm
H260HBR	H260HBL	26	70mm
H280HBR	H280HBL	28	70mm
H300HBR	H300HBL	30	70mm
H320HBR	H320HBL	32	70mm
H350HBR	H350HBL	35	70mm
H400HBR	H400HBL	40	70mm

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Hinge Boring Bits Solid Carbide Drill Bits



Solid Carbide Brad Point Drill Bits

Item Number Right Hand	Left Hand	Diameter mm	Overall Length
S030ASR	N/A	3.0	45mm
S020DSR	S020DSL	2.0	55mm
S024DSR	S024DSL	2.4	55mm
S025DSR	S025DSL	2.5	55mm
S028DSR	S028DSL	2.8	55mm
S030DSR	S030DSL	3.0	55mm
S032DSR	S032DSL	3.2	55mm
S035DSR	S035DSL	3.5	55mm
S040DSR	S040DSL	4.0	55mm
S050DSR	S050DSL	5.0	55mm
S060DSR	S060DSL	6.0	55mm

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Solid Carbide V-Point Drill Bits

Item Number Right Hand	Left Hand	Diameter mm	Overall Length
S030AVR	N/A	3.0	45mm
S030VSR	S030VSL	3.0	55mm
S030HVR	S030HVL	3.0	70mm
S032VSR	S032VSL	3.2	55mm
S032HVR	S032HVL	3.2	70mm

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Adapter Carbide Tipped Countersinks

Metric Boring Bit Adapter

Converts Metric Boring Bits into Carbide Tipped #200 Bits (1/2" x 2" Shank)



Item Number	Inside Diameter	Shank	Overall Length
HS005-62484	10mm	1/2"	3"

Carbide Tipped Countersinks

Mounts on Spiral for Metric Boring Bits



Item Number		Small ID	Large ID
Right Hand	Left Hand	mm	mm
CS04016R	CS04016L	4	16
CS05016R	CS05016L	5	16
CS06016R	CS06016L	6	16
CS63516R	CS63516L	6.35	16
CS07016R	CS07016L	7	16
CS08018R	CS08018L	8	18
CS09018R	CS09018L	9	18
CS10020R	CS10020L	10	20
CS12020R	CS12020L	12	20
CS16025R	CS16025L	16	25

Carbide Tipped Countersinks

Mounts on Shank for Metric Boring Bits



Item Number		Small ID	Large ID
Right Hand	Left Hand	mm	mm
CS10020RD	CS10020LD	10	20

Adapter

Adapter (Metric Drill Chuck 10mm x 19mm Shank)

Item Number	Diameter mm	Shank mm
TA35020	2.0	10mm x 19mm
TA35024	2.4	10mm x 19mm
TA35025	2.5	10mm x 19mm
TA35028	2.8	10mm x 19mm
TA35030	3.0	10mm x 19mm
TA35032	3.2	10mm x 19mm
TA35035	3.5	10mm x 19mm
TA35040	4.0	10mm x 19mm
TA35050	5.0	10mm x 19mm
TA35060	6.0	10mm x 19mm



Adapter - For Morbidelli, Biesse, Reimall, Weeke, Scmi, Vitap, & Holz-her Boring Machines

Item Number Right Hand	Left Hand	Thread mm
M8001R	M8002L	8mm
M10001R	M10002L	10mm



Adapter - For Alberti, Busselatto, Ompec, Bilek, & Weeke Boring Machines (Coned)

Item Number Right Hand	Left Hand	Thread mm
M80005R	M80006L	8mm
M10005R	M10006L	10mm



Boring Chucks (#005 with 7/16-14" Thread)

Accepts Straight Shank Drills or 10mm Shank Boring Bits

Item Number	Outside Diameter	Inside Diameter	Rotation Direction
HS005-62473	5/8	1/8	Right
HS005-62475	5/8	3/16	Right
HS005-62476	5/8	7/32	Right
HS005-62477	5/8	1/4	Right
HS005-62478	5/8	9/32	Right
HS005-62479	5/8	5/16	Right
HS005-62480	5/8	3/8	Right
HS005-62482	1"	1/2"	Right
HS005-62483	5/8	10mm	Right
HS005-62494	5/8	10mm	Left



7/16-14" Steel Screw Shank Dowel Drill Bits



M2 High Speed Steel 7/16-14" Steel Shank Dowel Drill Bits (#203)

3" Twist, 4-1/2" Overall

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS203-62004	1/8	3"	4-1/2	Right
HS203-62041	3/16	3"	4-1/2	Right
HS203-62006	7/32	3"	4-1/2	Right
HS203-62042	1/4	3"	4-1/2	Right
HS203-62043	9/32	3"	4-1/2	Right
HS203-62044	5/16	3"	4-1/2	Right
HS203-62045	11/32	3"	4-1/2	Right
HS203-62046	3/8	3"	4-1/2	Right
HS203-62046-6	3/8	4-1/2	6	Right
HS203-62047	25/64	3"	4-1/2	Right
HS203-62048-1	13/32	3"	4-1/2	Right
HS203-62048	7/16	3"	4-1/2	Right
HS203-62049	29/64	3"	4-1/2	Right
HS203-62050-6	31/64	3-1/2	5"	Right
HS203-62050	1/2	3"	4-1/2	Right
HS203-3364	33/64	3"	4-1/2	Right
HS203-62013	17/32	3"	4-1/2	Right
HS203-62051	9/16	3"	4-1/2	Right
HS203-62052	5/8	3"	4-1/2	Right
HS203-62053	3/4	3"	4-1/2	Right
HS203-62054	7/8	3"	4-1/2	Right
HS203-62055	1"	3"	4-1/2	Right
HS203-62056	3/16	3"	4-1/2	Left
HS203-62057	1/4	3"	4-1/2	Left
HS203-62058	9/32	3"	4-1/2	Left
HS203-62059	5/16	3"	4-1/2	Left
HS203-62060	11/32	3"	4-1/2	Left
HS203-62061	3/8	3"	4-1/2	Left
HS203-62062	25/64	3"	4-1/2	Left
HS203-62062-1	13/32	3"	4-1/2	Left
HS203-62063	7/16	3"	4-1/2	Left
HS203-62064	29/64	3"	4-1/2	Left
HS203-62065	1/2	3"	4-1/2	Left
HS203-62066	9/16	3"	4-1/2	Left
HS203-62067	5/8	3"	4-1/2	Left
HS203-62068	3/4	3"	4-1/2	Left
HS203-62069	1"	3"	4-1/2	Left

7/16-14" Steel Screw Shank Dowel Drill Bits



M2 High Speed Steel 7/16-14" Steel Shank Dowel Drill Bits (#203)

2" Twist, 3-1/2" Overall

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS203-62031	1/4	2"	3-1/2	Right
HS203-62032	5/16	2"	3-1/2	Right
HS203-62033	3/8	2"	3-1/2	Right
HS203-62034	7/16	2"	3-1/2	Right
HS203-62035	1/2	2"	3-1/2	Right
HS203-62036	1/4	2"	3-1/2	Left
HS203-62037	5/16	2"	3-1/2	Left
HS203-62038	3/8	2"	3-1/2	Left
HS203-62039	7/16	2"	3-1/2	Left
HS203-62040	1/2	2"	3-1/2	Left



M2 High Speed Steel 7/16-14" Steel Shank Dowel Drill Bits (#203B)

1-3/4" Twist, 4-1/2" Overall Length

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS203B-62070	3/16	1-3/4	4-1/2	Right
HS203B-62071	1/4	1-3/4	4-1/2	Right
HS203B-62073	3/8	1-3/4	4-1/2	Right
HS203B-62075	7/16	1-3/4	4-1/2	Right
HS203B-62080	3/8	1-3/4	4-1/2	Left



M2 High Speed Steel 7/16-14" Steel Screw Shank Dowel Drill Bits (#203J)

1-1/2" Twist, 2-3/4" Overall Length

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS203J-62088	5/16	1-1/2	2-3/4	Right
HS203J-62089	3/8	1-1/2	2-3/4	Right
HS203J-62090-L (2 flats)	7/16	1-1/2	2-3/4	Right
HS203J-62092	1/4	1-1/2	2-3/4	Left
HS203J-62093	3/8	1-1/2	2-3/4	Left

7/16-14" Steel Screw Shank Dowel Drill Bits



M2 High Speed Steel 7/16-14" Steel Screw Shank Dowel V-Point Drill Bits (#204)

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS204-316	3/16	3"	4-1/2	Right
HS204-62095	3/8	3"	4-1/2	Right
HS204-62096	7/16	3"	4-1/2	Right
HS204-1732	17/32	3"	4-1/2	Right
HS204-2132	21/32	3"	4-1/2	Right
HS204-316LH	3/16	3"	4-1/2	Left
HS204-62097	3/8	3"	4-1/2	Left



Carbide Tipped 7/16-14" Steel Shank Dowel Drill Bits (#203CT)

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS203CT-62099	1/4	2"	3-1/2	Right
HS203CT-62100	5/16	2"	3-1/2	Right
HS203CT-62101	3/8	2"	3-1/2	Right
HS203CT-62102	7/16	2"	3-1/2	Right
HS203CT-62103	1/4	3"	4-1/2	Right
HS203CT-1764	17/64	3"	4-1/2	Right
HS203CT-62104	5/16	3"	4-1/2	Right
HS203CT-62105	3/8	3"	4-1/2	Right
HS203CT-62106	25/64	3"	4-1/2	Right
HS203CT-62107	7/16	3"	4-1/2	Right
HS203CT-62108	1/2	3"	4-1/2	Right
HS203CT-58	5/8	3"	4-1/2	Right
HS203CT-875	7/8	3"	4-1/2	Right
HS203CT-1516	15/16	3"	4-1/2	Right
HS203CT-1516E	15/16	4-1/2	6"	Right
HS203CT-62119ES	1"	4-1/2	5-15/16	Right
HS203CT-62119E	1"	4-1/2	6"	Right
HS203CT-62120	1"	4-1/5	5-3/4	Right
HS203CT-62121	1"	4"	5-1/2"	Right
HS203CT-62109	1/4	3"	4-1/2	Left
HS203CT-62110	5/16	3"	4-1/2	Left
HS203CT-62111	3/8	3"	4-1/2	Left
HS203CT-62112	25/64	3"	4-1/2	Left
HS203CT-62113	7/16	3"	4-1/2	Left
HS203CT-62114	1/2	3"	4-1/2	Left
HS203CT-58LH	5/8	3"	4-1/2	Left
HS203CT-875LH	7/8	3"	4-1/2	Left

Brad Point Spur Machine Drills



M2 High Speed Steel 1/2" x 2" Shank Brad Point Spur Machine Drill Bits (#200) 4" Twist, 6" Overall

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS200-62164	3/16	3"	5"	Right
HS200-62118	7/32	3"	5"	Right
HS200-62165	1/4	3"	5"	Right
HS200-62166	9/32	3"	5"	Right
HS200-62167	5/16	3"	5"	Right
HS200-62168	11/32	3"	5"	Right
HS200-62169	3/8	3"	5"	Right
HS200-62126	13/32	3"	5"	Right
HS200-62170	7/16	3"	5"	Right
HS200-62128	15/32	3"	5"	Right
HS200-62171	1/2	3"	5"	Right
HS200-62132	1/8	4"	6"	Right
HS200-62134	3/16	4"	6"	Right
HS200-62135	7/32	4"	6"	Right
HS200-62172	1/4	4"	6"	Right
HS200-62137	17/64	4"	6"	Right
HS200-62173	9/32	4"	6"	Right
HS200-62174	5/16	4"	6"	Right
HS200-62175	11/32	4"	6"	Right
HS200-62176	3/8	4"	6"	Right
HS200-62143	25/64	4"	6"	Right
HS200-2564	25/64	4-1/2"	6-1/2"	Right
HS200-62177	13/32	4"	6"	Right
HS200-62178	7/16	4"	6"	Right
HS200-62146	29/64	4"	6"	Right
HS200-62147	15/32	4"	6"	Right
HS200-62179	1/2	4"	6"	Right
HS200-3364	33/64	4"	6"	Right
HS200-62180	17/32	4"	6"	Right
HS200-62181	9/16	4"	6"	Right
HS200-62151	19/32	4"	6"	Right
HS200-62182	5/8	4"	6"	Right
HS200-62153	21/32	4"	6"	Right
HS200-62183	11/16	4"	6"	Right
HS200-62184	3/4	4"	6"	Right
HS200-62185	13/16	4"	6"	Right
HS200-62186	7/8	4"	6"	Right
HS200-62186EH with Hex End	7/8	4"	8	Right
HS200-62187	15/16	4"	6"	Right
HS200-62188	1	4"	6"	Right
HS200-62188EH with Hex End	1	4"	8	Right
HS200-62161	1-1/16	4"	6"	Right

Brad Point Spur Machine Drills Carbide Tipped Machine Drill Bits



M2 High Speed Steel 1/2" x 2" Shank Brad Point Spur Machine Drill Bits (#200)

3" Twist, 5" Overall

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS200-62164	3/16	3"	5"	Right
HS200-62118	7/32	3"	5"	Right
HS200-62165	1/4	3"	5"	Right
HS200-62166	9/32	3"	5"	Right
HS200-62167	5/16	3"	5"	Right
HS200-62168	11/32	3"	5"	Right
HS200-62169	3/8	3"	5"	Right
HS200-62126	13/32	3"	5"	Right
HS200-62170	7/16	3"	5"	Right
HS200-62128	15/32	3"	5"	Right
HS200-62171	1/2	3"	5"	Right



Carbide Tipped 1/2" x 2" Shank Brad Point Spur Machine Drill Bits (#200CT)

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS200CT-62189	1/4	3"	5"	Right
HS200CT-62190	5/16	3"	5"	Right
HS200CT-62191	3/8	3"	5"	Right
HS200CT-62192	7/16	3"	5"	Right
HS200CT-62193	1/2	3"	5"	Right
HS200CT-62194	5/8	3"	5"	Right
HS200CT-62195	3/4	3"	5"	Right
HS200CT-62196	1/4	4"	6"	Right
HS200CT-62197	5/16	4"	6"	Right
HS200CT-62198	3/8	4"	6"	Right
HS200CT-62199	7/16	4"	6"	Right
HS200CT-62146	29/64	4"	6"	Right
HS200CT-62200	1/2	4"	6"	Right
HS200CT-62201	5/8	4"	6"	Right
HS200CT-62202	3/4	4"	6"	Right
HS200CT-875	7/8	4"	6"	Right
HS200CT-1516	15/16	4"	6"	Right
HS200CT-62188	1	4"	6"	Right
HS200CT-62188-L	1	6"	8-1/4"	Right
HS200CT-62188WF (with flat on shank)	1	4"	6"	Right

Adjustable Counterbores Countersinks



M2 High Speed Steel Adjustable Counterbores with 7/16-14" Threaded Shank (#121)

Item Number	Outside Diameter	Inside Diameter	Twist Length	Overall Length	Rotation Direction
HS121-62249	3/8	3/16	2-1/2	4-1/2	Right
HS121-716	7/16	3/16	2-1/2	4-1/2	Right
HS121-62250	1/2	3/16	2-1/2	4-1/2	Right
HS121-62251	1/2	7/32	2-1/2	4-1/2	Right
HS121-62252	1/2	1/4	2-1/2	4-1/2	Right
HS121-62253	3/8	3/16	2-1/2	4-1/2	Left
HS121-62254	1/2	3/16	2-1/2	4-1/2	Left
HS121-62255	1/2	7/32	2-1/2	4-1/2	Left
HS121-62256	1/2	1/4	2-1/2	4-1/2	Left



M2 High Speed Steel V-Point Adjustable Countersinks with 7/16-14" Threaded Shank (#121V)

Item Number	Outside Diameter	Inside Diameter	Twist Length	Overall Length	Rotation Direction
HS121V-62257	3/8	3/16	2-1/2	4-1/2	Right
HS121V-62258	1/2	3/16	2-1/2	4-1/2	Right



M2 High Speed Steel 1/2" x 2" Shank Adjustable Counterbores (#122)

Item Number	Outside Diameter	Inside Diameter	Twist Length	Overall Length	Rotation Direction
HS122-62261	3/8	1/8	2-1/2	4-1/2	Right
HS122-62262	3/8	5/32	2-1/2	4-1/2	Right
HS122-62263	3/8	3/16	2-1/2	4-1/2	Right
HS122-62263LH	3/8	3/16	2-1/2	4-1/2	Left
HS122-62264	7/16	3/16	2-1/2	4-1/2	Right
HS122-62265	7/16	7/32	2-1/2	4-1/2	Right
HS122-62268	1/2	3/16	2-1/2	4-1/2	Right
HS122-62269	1/2	7/32	2-1/2	4-1/2	Right
HS122-62270	1/2	1/4	2-1/2	4-1/2	Right
HS122-62273	5/8	3/16	2-1/2	4-1/2	Right
HS122-62274	5/8	1/4	2-1/2	4-1/2	Right
HS122-62276	5/8	5/16	2-1/2	4-1/2	Right
HS122-62277	3/4	3/16	2-1/2	4-1/2	Right
HS122-62280	3/4	5/16	2-1/2	4-1/2	Right
HS122-62281	3/4	3/8	2-1/2	4-1/2	Right

Adjustable Conunterbores Countersinks



Carbide-Tipped Adjustable Counterbores 1/2" x 2" Shank(#122CT)

Item Number	Outside Diameter	Inside Diameter	Twist Length	Overall Length	Rotation Direction
HS122CT-62292	3/8	3/16	2-1/2	4-1/2	Right
HS122CT-62293	1/2	3/16	2-1/2	4-1/2	Right



M2 High Speed Steel Adjustable Countersinks 1/2" x 2" Shank (#122V)

Item Number	Outside Diameter	Inside Diameter	Twist Length	Overall Length	Rotation Direction
HS122V-62282	3/8	1/8	2-1/2	4-1/2	Right
HS122V-62283	3/8	5/32	2-1/2	4-1/2	Right
HS122V-62284	3/8	3/16	2-1/2	4-1/2	Right
HS122V-62286	7/16	7/32	2-1/2	4-1/2	Right
HS122V-62289	1/2	3/16	2-1/2	4-1/2	Right
HS122V-62290	1/2	7/32	2-1/2	4-1/2	Right
HS122V-62291	1/2	1/4	2-1/2	4-1/2	Right

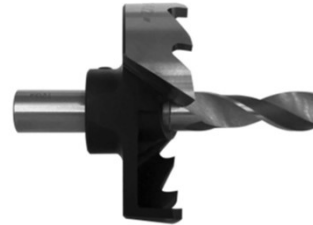


Carbide-Tipped Adjustable Countersinks 1/2" x 2" Shank (#122VCT)

Item Number	Outside Diameter	Inside Diameter	Twist Length	Overall Length	Rotation Direction
HS122VCT-62297	1/2	3/16	2-1/2	4-1/2	Right

M2 High Speed Steel Multi-Spur Counterbores* (#120)

Item Number	Outside Diameter	Bore Size
HS120-62344	1"	1/2
HS120-62345	1-1/8	1/2
HS120-62346	1-1/4	1/2
HS120-62347	1-3/8	1/2
HS120-62348	1-1/2	1/2
HS120-62349	1-5/8	1/2
HS120-62350	1-3/4	1/2
HS120-62351	1-7/8	1/2
HS120-62352	2"	1/2
HS120-62353	2-1/8	1/2
HS120-62354	2-1/4	1/2
HS120-62355	2-1/2	1/2



*Drill Bit Not Included

Brad Point V-Point Center Drill Bits



M2 High Speed Steel Straight Shank Brad Point Center Drill Bits (#122B)

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS122B-62385	1/8	2-1/4	6"	Right
HS122B-62386	5/32	2-1/4	6"	Right
HS122B-62387	3/16	2-1/4	6"	Right
HS122B-62388	7/32	2-1/4	6"	Right
HS122B-62389	1/4	2-1/4	6"	Right
HS122B-62392	5/16	2-1/4	6"	Right
HS122B-62393	3/8	2-1/4	6"	Right
HS122B8-62382	3/16	3-1/2	8"	Right
HS122B8-62383	7/32	3-1/2	8"	Right
HS122B8-62384	1/4	3-1/2	8"	Right
HS122B-62393LH	3/8	2-1/4	6"	Left
HS122B-62394	3/16	2-1/4	6"	Left
HS122B-62395	7/32	2-1/4	6"	Left
HS122B-62396	1/4	2-1/4	6"	Left



M2 High Speed Steel Brad Point Center Drill Bits, 1/4" x 4-1/2" Shank (#122C)

Item Number	Diameter inch	Twist inch	Overall Length	Shank
HS122C-62469	5/16	1-1/2	6"	1/4
HS122C-62470	3/8	1-1/2	6"	1/4
HS122C-62471	7/16	1-1/2	6"	1/4
HS122C-62472	1/2	1-1/2	6"	1/4



M2 High Speed Steel Straight Shank V-Point Drills Bits (#122D)

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS122D-62426	3/32	2-1/4	6"	Right
HS122D-62427	1/8	2-1/4	6"	Right
HS122D-62428	5/32	2-1/4	6"	Right
HS122D-62429	11/64	2-1/4	6"	Right
HS122D-62430	3/16	2-1/4	6"	Right
HS122D-62431	7/32	2-1/4	6"	Right
HS122D-62432	1/4	2-1/4	6"	Right
HS122D-62433	9/32	2-1/4	6"	Right
HS122D-62434	5/16	2-1/4	6"	Right
HS122D-62416	11/32	2-1/4	6"	Right
HS122D-62435	3/8	2-1/4	6"	Right
HS122D8-62425	1/4	3-1/2	8"	Right

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Center Drill Bits Jobber Drill Bits



M2 High Speed Steel Straight Shank Brad Point Center Drill Bits (#124B)

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS124B-62402	1/8	2-1/4	4-1/2	Right
HS124B-62403	5/32	2-1/4	4-1/2	Right
HS124B-62404	3/16	2-1/4	4-1/2	Right
HS124B-62405	7/32	2-1/4	4-1/2	Right
HS124B-62406	1/4	2-1/4	4-1/2	Right
HS124B-38R	3/8	2-1/4	4-1/2	Right

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M2 High Speed Steel V-Point (118°) Center Drill Bits (#124D)

Item Number	Diameter inch	Twist inch	Overall Length	Rotation Direction
HS124D-62450	3/32	2-1/4	4-1/2	Right
HS124D-62450-RH	1/8	1-5/8	70mm	Right
HS124D-62451	1/8	2-1/4	4-1/2	Right
HS124D-62455	3/16	2-1/4	4-1/2	Right
HS124D-62458	9/32	2-1/4	4-1/2	Right
HS124D-62459	5/16	2-1/4	4-1/2	Right

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M2 High Speed Steel Straight Shank Brad Point Jobber Drill Bits

Item Number	Diameter inch	Overall Length	Rotation Direction
HSJB-764	7/64	2-7/8	Right
HSJB-18	1/8	2-3/4	Right
HSJB-532	5/32	3 -1/8	Right

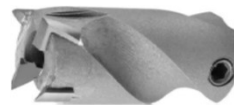
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Counterbores Countersinks



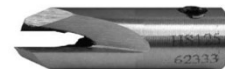
M2 High Speed Steel Adjustable Counterbores (#123)

Item Number	Outside Diameter	Inside Diameter	Overall Length
HS123-62301	3/8	3/16	1-1/2
HS123-62304	1/2	1/4	1-1/2
HS123-62307	3/4	1/4	2"
HS123-62308	3/4	5/16	2"
HS123-62309	7/8	5/16	2"
HS123-62310	7/8	3/8	2"
HS123-62311	7/8	7/16	2"
HS123-62312	1"	5/16	2"
HS123-62313	1"	3/8	2"
HS123-62313-716	1"	7/16	2"
HS123-62314	1"	1/2	2"
HS123-62316	1-1/4	1/2	2"
HS123-62318	1-1/2	1/2	2"



Carbide Tipped Adjustable Counterbores (#123CT)

Item Number	Outside Diameter	Inside Diameter	Overall Length
HS123CT-62312-1	1"	3/16	2"
HS123CT-62312	1"	5/16	2"
HS123CT-62313	1"	3/8	2"
HS123CT-62312-2	1"	7/16	2"



M2 High Speed Steel Adjustable Countersinks (#125)

Item Number	Countersink Size	Drill Size	Overall Length	Rotation Direction
HS125-62326	3/8	3/16	1-1/2	Right
HS125-62331	1/2	3/16	1-1/2	Right
HS125-62332	1/2	7/32	1-1/2	Right
HS125-62333	1/2	1/4	1-1/2	Right

Countersinks Counterbores



M2 Carbide Tipped Adjustable Countersinks (#125CT)

Item Number	Outside Diameter	Inside Diameter	Overall Length	Rotation Direction
HS125CT-62341	1/2	1/8	1-3/8	Right
HS125CT-62338	1/2	3/16	1-3/8	Right
HS125CT-62339	1/2	7/32	1-1/2	Right
HS125CT-62340	1/2	1/4	2"	Right



Carbide Tipped Counterbore/Face Frame Bit with HSS Drill Bit (#135CT)

Item Number	Description
HS135CT-61356	3/8 Spiral CT Counterbore with #29 Drill, RH
HS135CT-61356-6	3/8 Spiral CT Counterbore with #29 Drill, 6" OAL, RH
HS135CT-61356LH	3/8 Spiral CT Counterbore with #29 Drill, LH
HS135CT-613566L	3/8 Spiral CT Counterbore with #29 Drill, 6" OAL, LH
HS135CT-62357	Replacement M2 HSS Drill #29, RH
HS135CT-62357LH	Replacement M2 HSS Drill #29, LH
HS135CT-62357-1	M2 HSS Steel Drill bit for CB 62356, 3-3/8"OAL, 3/4"CEL, Twist



Carbide Tipped Countersinks - For Wood Screws / 2-Wings

Item Number	Outside Diameter	Inside Diameter	Shank inch	Overall Length
CS-55200	11/32	3/32	5/16	2-1/4
CS-55202	3/8	1/8	5/16	2-9/16
CS-55205	1/2	1/8	5/16	2-9/16
CS-55211	1/2	3/16	3/8	3"
CS-55215	1/2	1/4	3/8	3"

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Counterbores, Pocket Drill Bits Rougher



M2 High Speed Steel Counterbore

Item Number	Diameter	Shank	Overall Length	Rotation Direction
CB-18387 (3 Flats on Shank)	3/16	3/8	7"	Right
CB-18387LH (3 Flats on Shank)	3/16	3/8	7"	Left



Pocket Drill Bits, Brad Point, for use in Castle Type Machine

Item Number	Diameter	Twist Length	Overall Length	Shank	Rotation Direction
HS124B-624031TN (Tin Coated)	9/64	1"	2-3/4	1/4	Right



Pocket Drill Bits, V-Point (118°), for use in Castle Type Machine

Item Number	Diameter	Twist Length	Overall Length	Shank	Rotation Direction
HS124D-62452-1	9/64	1"	2-3/4	1/4	Right
HS124D-62452-2	7/64	1"	2-3/4	1/4	Right
HS124D-624521TN (Tin Coated)	9/64	1"	2-3/4	1/4	Right
HS124D-62452-2T (Tin Coated)	7/64	1"	2-3/4	1/4	Right



M2 High Speed Steel 4 Flute Rougher (#124R)

Item Number	Diameter	Cutting Length	Overall Length
HS124R-38212TN (Tin Coated)	3/8	1"	2-1/2

Confirmat Bits Hollow Mortising Chisels



M2 High Speed Steel V-Point Confirmat Bits

Item Number	First Step	Second Step	Countersink	Shank	Length	Direction
CS-5440R71210	5.4 x 40mm	7 x 12.30mm	10 x 3/4"	10mm	4"	Right
CS-54417150	5.4 X 41mm	7 X 18mm	10 X 16mm	10mm	150mm	Right



Carbide Tipped V-Point Confirmat Bits, 6" Overall Length

Item Number	First Step	Second Step	Countersink	Shank	Length	Direction
CS-540R71905CT	5 x 40mm	7 x 19.05mm	10 x 12mm	10mm	6"	Right



Hollow Mortising Chisels with Center Drill Bit (Set)

Item Number	Diameter inch	Mortising Depth	Shank	Overall Length
HS28-62602	1/4	1-7/8	5/8	5-1/2
HS28-62603	5/16	2-1/8	5/8	5-1/2
HS28-62604	3/8	2-3/4	5/8	5-1/2
HS28-62605	1/2	3-1/8	5/8	5-1/2
HS28-62606	5/8	3-7/8	3/4	6-1/4
HS28-62607	3/4	5-1/8	1-1/8	7-1/2
HS28-62608	1"	5-1/8	1-1/8	7-1/2



Replacement Hollow Chisel Center Drills

Item Number	Diameter	Twist Length	Overall Length
HS128-62609	1/4	2-5/8	8-1/2
HS128-62610	5/16	3"	8-5/8
HS128-62611	3/8	3"	8-5/8
HS128-62612	1/2	3-1/4	8-5/8
HS128-62613	5/8	4"	9-9/16
HS128-62614	3/4	5-1/8	11"
HS128-62615	1"	5-1/8	11"

Multi-Spur Machine Bits Carbide Tipped Multi-Spur Machine Bits



High Speed Steel Multi-Spur Machine Bits (#149)

Item Number	Diameter inch	Shank	Overall Length
HS149-62744	1"	1/2	6"
HS149-62752	1-1/2	1/2	6"
HS149-62761	2-1/8	1/2	6"
HS149-62762	2-1/4	1/2	6"
HS149-62763	2-3/8	1/2	6"
HS149-62764	2-1/2	1/2	6"
HS149-62765	2-5/8	1/2	6"
HS149-62766	2-3/4	1/2	6"
HS149-62767	2-7/8	1/2	6"
HS149-62768	3"	1/2	6"
HS149-62774	3-1/8	1/2	6"
HS149-62775	3-1/4	1/2	6"
HS149-62776	3-1/2	1/2	6"
HS149-62777	3-3/4	1/2	6"
HS149-62778	4"	1/2	6"
HS149-62797	4-1/2	1/2	6"



Carbide Tipped Multi-Spur Machine Bits (#149CT)

Item Number	Diameter inch	Shank	Overall Length
HS149CT-62782	1	1/2	6"
HS149CT-62790	1-1/2	1/2	6"
HS149CT-62796	2-1/8	1/2	6"

Multi-Spur Machine Bits Carbide Tipped Multi-Spur Machine Bits



High Speed Steel Multi-Spur Machine Bits with 3/8" Hex End (#738 & #838)

Item Number	Diameter inch	Shank	Overall Length
HS738-112	1-1/2	1/2	7"
HS738-112S*	1-1/2	1/2	7"
HS738-218	2-1/8	1/2	7"
HS738-218S*	2-1/8	1/2	7"
HS7538-218S*	2-1/8	1/2	7-1/2"
HS838-100	1"	1/2	8"

*available in either 1 raker or 2 raker



Carbide Tipped Multi-Spur Machine Bits with 3/8" Hex End (#738CT& #838CT)

Item Number	Diameter inch	Shank	Overall Length
HS738CT-112	1-1/2	1/2	7"
HS738CT-112S*	1-1/2	1/2	7"
HS738CT-218S*	2-1/8	1/2	7"

*available in either 1 raker or 2 raker

Carbide Tipped 2-Wing Wing Bits



Carbide Tipped 2-Wing Drills Bits (#811CT)

Item Number	Diameter inch	Shank	Overall Length	Taper
HS811CT-875	7/8	1/2	6"	
HS811CT-100EH with 3/8 Hex End	1"	1/2	8"	
HS811CT-62811	1.28"	1/2	6"	
HS811CT-62800	1-3/8	1/2	6"	
HS811CT-112	1-1/2	1/2	6"	
HS811CT-218T30	2-1/8	1/2	6"	30°
HS811CT-238	2-3/8	1/2	6"	



Carbide Tipped 3-Wing 6" Overall Length Boring Bits with 3 Spurs (#812CT)

Item Number	Diameter inch	Shank	Overall Length	Taper	Flat on Shank
HS812CT-62827	5/8	1/2	6"		
HS812CT-62829	3/4	1/2	6"		
HS812CT-62831	7/8	1/2	6"		
HS812CT-62832	1"	1/2	6"		
HS812CT-100R*	1"	1/2	6"		
HS812CT-62833	1-1/8	1/2	6"		
HS812CT-62834	1-1/4	1/2	6"		
HS812CT-62835	1-3/8	1/2	6"		
HS812CT-62836	1-1/2	1/2	6"		
HS812CT-150R*	1-1/2	1/2	6"		
HS812CT-62837	1-5/8	1/2	6"		
HS812CT-62838	1-3/4	1/2	6"		
HS812CT-62839	1-7/8	1/2	6"		
HS812CT-62840	2"	1/2	6"		
HS812CT-62841	2-1/8	1/2	6"		
HS812CT-62841WF	2-1/8	1/2	6"		Flat on Shank
HS812CT-62842	2-1/4	1/2	6"		
HS812CT-62843	2-1/2	1/2	6"		
HS812CT-218R*	2-1/8	1/2	6"		
HS812CT-218T30	2-1/8	1/2	6"	30°	
HS812CT-238	2-3/8	1/2	6"		
HS812CT-238D5	2-3/8	1/2	6"	5°	

*removable center drill



Collect for CNC Tool Holder

ER20

ITEM	Diameter Inch
THC20125	1/8
THC20187	3/16
THC20250	1/4
THC20312	5/16
THC20375	3/8
THC20100	10 mm
THC20437	7/16
THC20500	1/2

ER25

ITEM	Diameter Inch
THC25125	1/8
THC25187	3/16
THC25250	1/4
THC25312	5/16
THC25375	3/8
THC25100	10 mm
THC25437	7/16
THC25500	1/2
THC25562	9/16
THC25625	5/8

ER32

ITEM	Diameter Inch
THC32125	1/8
THC32187	3/16
THC32250	1/4
THC32312	5/16
THC32375	3/8
THC32100	10 mm
THC32437	7/16
THC32500	1/2
THC32562	9/16
THC32625	5/8
THC32687	11/16
THC32750	3/4

ER40

ITEM	Diameter Inch
THC40125	1/8
THC40187	3/16
THC40250	1/4
THC40312	5/16
THC40375	3/8
THC40100	10 mm
THC40437	7/16
THC40500	1/2
THC40562	9/16
THC40625	5/8
THC40687	11/16
THC40750	3/4
THC40812	13/16
THC40875	7/8
THC40937	15/16
THC401000	1

OZ20 Collet

ITEM	Diameter Inch
THCOZ20125	1/8

OZ25 Collet

ITEM	Diameter Inch
THCOZ25125	1/8
THCOZ25250	1/4
THCOZ253125	5/16
THCOZ25500	1/2
THCOZ25750	3/4
THCOZ25100	1"
THCOZ2514	14 mm

Carving Bits



M2 High Speed Steel Carving Rougher (#421)
1/4" Shank

Item Number	Diameter inch	Rotation Direction
HS421-63710	1/2	Right
HS421-63711	5/8	Right
HS421-63712	3/4	Right
HS421-63713	1"	Right
HS421-63714	1/2	Left
HS421-63715	5/8	Left
HS421-63716	3/4	Left
HS421-63717	1"	Left



M2 High Speed Steel Roundnose Carving Bits (#450)
1/4" Shank

Item Number	Diameter inch	Rotation Direction
HS450-63676	1/2	Right
HS450-63678	3/4	Right
HS450-63679	1/2	Left
HS450-63681	3/4	Left



M2 High Speed Steel Carving Rougher (#422)
11mm Shank

Item Number	Diameter inch	Rotation Direction
HS422-63718	5/8	Right
HS422-63719	3/4	Right
HS422-63720	5/8	Left
HS422-63721	3/4	Left



M2 High Speed Steel Pod Bits (#425)
1/4" Shank

Item Number	Diameter inch	Rotation Direction
HS425-63682	1/16	Right
HS425-63683	1/8	Right
HS425-63684	3/16	Right
HS425-63685	1/4	Right
HS425-63686	5/16	Right
HS425-63687	3/8	Right
HS425-63688	1/2	Right
HS425-63689	1/16	Left
HS425-63690	1/8	Left
HS425-63691	3/16	Left
HS425-63692	1/4	Left
HS425-63693	5/16	Left
HS425-63694	3/8	Left
HS425-63695	1/2	Left



M2 High Speed Steel Pod Bits (#426)
11mm Shank

Item Number	Diameter inch	Rotation Direction
HS426-63697	1/8	Right
HS426-63698	3/16	Right
HS426-63701	3/8	Right
HS426-63702	1/2	Right
HS426-63704	1/8	Left
HS426-63705	3/16	Left
HS426-63708	3/8	Left
HS426-63709	1/2	Left

Double Spiral Router Bits Router Blanks



M35 High Speed Steel Double Spiral Router Bits

Item Number	Diameter	Cutting Length	Overall Length	Shank
HSJ40-62791-1	1/8-2FUP	1"	2-1/2	1/4
HSJ40-62960	1/4-1FDW	3/4	2"	1/4
SAHNON004689	1/2-2F	1-1/2	4-1/32	1/2

Carbon Steel Router Blanks (#006) for Carbide Tipping (1/8" undersize)

Item Number	Diameter inch	Twist Length	Shank	Overall Length
HS006-01920	3/4	1-1/2	1/2	3"
HS006-01921	1"	1-1/2	1/2	3"
HS006-01922	1-1/4	1-1/2	1/2	3"
HS006-01923	1-1/2	1-1/2	1/2	3"
HS006-01924	1-3/4	1-1/2	1/2	3"
HS006-01925	2"	1-1/2	1/2	3"
HS006-01926	2-1/4	1-1/2	1/2	3"
HS006-01927	2-1/2	1-1/2	1/2	3"



M2 High Speed Steel Finished Ground Router Blanks (#006)

Item Number	Diameter inch	Twist Length	Shank	Overall Length
HS006-01951	3/4	1-1/2	1/2	3"
HS006-01952	1"	1-1/2	1/2	3"
HS006-01953	1-1/4	1-1/2	1/2	3"
HS006-01954	1-1/2	1-1/2	1/2	3"
HS006-01955	1-3/4	1-1/2	1/2	3"
HS006-01956	2"	1-1/2	1/2	3"
HS006-01957	2-1/4	1-1/2	1/2	3"
HS006-01958	2-1/2	1-1/2	1/2	3"
HS006-01959	2-3/4	1-1/2	1/2	3"
HS006-01960	3"	1-1/2	1/2	3"

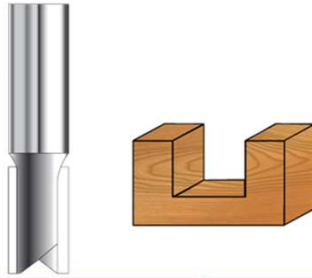


C.T.2W Spiral Planer Cutter

Item Number	Diameter inch	Overall Length
SPC-2W118675	1-1/8	67.5 mm

Carbide Tipped Straight Router Bits

Carbide Tipped Straight Bits, 2 Flute 1/2" & 3/4" Shank

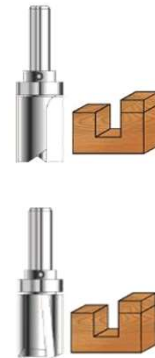


Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
12-452	1/4	3/4	1/2	2-1/2
12-453	1/4	1"	1/2	2-5/8
12-454	5/16	1"	1/2	2-3/4
12-455	3/8	1"	1/2	2-3/4
12-455-1	11/32	1"	1/2	2-3/4
12-455-D	3/8	3/4	1/2	2-1/2
12-455-S	3/8	3/4	1/2	2-1/2
12-456	3/8	1-1/4	1/2	3"
12-456-1	13/32	1-1/4	1/2	3"
12-457	7/16	1-1/4	1/2	3"
12-459	1/2	1"	1/2	2-5/8
12-460	1/2	1-1/4	1/2	2-7/8
12-460W	13mm	1-1/4	1/2	2-3/4
12-461	1/2	1-1/2	1/2	3-1/8
12-462	1/2	2"	1/2	3-3/4
12-462-1	1/2	2"	1/2	4
12-462-1L	1/2LH	2"	1/2	4-1/4
RBC-214500	1/2	2-1/4	1/2	5"
RBC-214512	1/2	2-1/4	1/2	5-1/2
RBC-214512F	1/2	2-1/4	1/2FLAT	5-1/2
12-463-1 (RBC-212512)	1/2	2-1/2	1/2	5-1/2
12-466-1	5/8	1"	1/2	2-5/8
12-466	5/8	1-1/4	1/2	2-7/8
12-466-L	5/8	3"	1/2	5"
12-470	3/4	1-1/4	1/2	2-7/8
12-471	3/4	1-1/2	1/2	3-1/8
12-472	3/4	2"	1/2	3-5/8
12-472-3/4	3/4	2"	3/4	4"
12-470W	13/16	1-1/4	1/2	2-3/4
12-474	1"	1-1/4	1/2	2-7/8
12-474-L	1"	2"	1/2	3-5/8
12-476	1-1/4	1-1/4	1/2	2-7/8

Flush Trim Router Bits

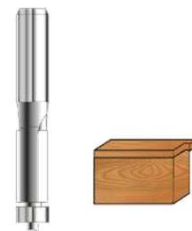
Template Flush Trim, Bearing on Shank, 2 Flute

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
21-121	1/2	1"	1/4	2-5/8
21-121-S	1/2	1/2	1/4	2-1/2
21-122	1/2	1"	1/4	2-5/8
21-122-1	1/2	1-1/4	1/4	2-3/4
21-125	3/4	3/4	1/4	2-3/8
21-126	3/4	1"	1/4	2-1/2
21-427	3/4	1"	1/2	2-13/16
21-428	3/4	1-3/4	1/2	3-1/4
21-428-1	3/4	2"	1/2	



Flush Trim, Bearing on Guide, 2 Flute

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
21-101	1/4	3/4	1/4	2-1/2
21-101L	1/4	32mm	1/4	81.2mm
21-102	3/8	1/2	1/4	2-1/8
21-103	3/8	1"	1/4	2-5/8
21-104	1/2	1/2	1/4	2-1/8
21-105	1/2	1"	1/4	2-5/8
21-402-3/8	3/8	1"	3/8	2-3/4
21-405	1/2	1/2	1/2	2-3/4
21-406	3/8	1"	1/2	3-1/4
21-407	1/2	1"	1/2	3"
21-408	1/2	1-1/4	1/2	3-5/16
21-409	1/2	1-1/2	1/2	3-3/4
21-410	1/2	2"	1/2	4"
21-758	5/8 Shear	5/8	1/4	2"



Solid Carbide Flush Trim

Item Number	Cutting Angle	Cutting Length	Shank Diameter	Overall Length
S19-28B		1/4	1/4	1-1/2
S19-29	7°	1/4	1/4	1-1/2



Panel Pilot Bits/Staggered Bits

High Speed Steel Panel Pilot Bits - Spiral

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
HS-PP14234	1/4	5/8	1/4	2-3/4
HS-PP38318	3/8	3/4	3/8	3-1/8
HS-PP12321	1/2	1	1/2	3-1/2

Call for Special Pricing & Volume discount



High Speed Steel Panel Pilot Bits - Straight

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
HS-23101ST	1/4	3/4	1/4	2-3/4
HS-23302ST	3/8	3/4	3/8	3-1/8
HS23403ST	1/2	1"	1/2	3-1/2

Call for Special Pricing & Volume discount



Carbide Tipped Panel Pilot Bits, 1 Flute

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
23-101	1/4	3/4	1/4	2-1/2
23-302	3/8	1"	3/8	2-7/8
23-403	1/2	1-3/16	1/2	3-5/8
23-404	1/2	2"	1/2	4-3/4



Carbide Tipped Panel Pilot Bits, 2 Flute

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
23-311	3/8	1"	3/8	3"
23-320	3/8	1"	1/4	3"
23-412	1/2	1-1/8	1/2	3-1/2
23-414	1/2	2-3/8	1/2	5-1/2



Center Pilot Staggered Bits

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
23-434	1/2	2-13/16	1/2	4-1/4
23-434-ELK	1/2	2-13/16	1/2	4-1/4

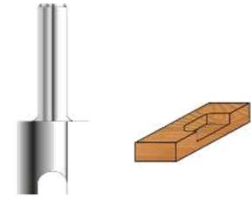
2-3° Up Shear/End FL



Mortising Router Bits

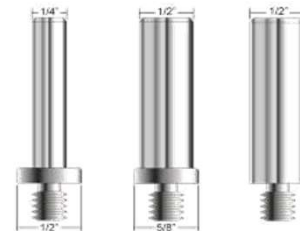
Mortising Bits, 3 Flute

Item Number	Cutting Diameter	Cutting Length	Shank Diameter	Overall Length
24-151-L	1/2	3/4	1/4	2
24-151S	1/2	1/2	1/4	1-3/4
24-152	5/8	1/4	1/2	2



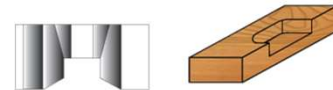
Helix Mortise Arbors

Item Number	1/4 x28 Thread	5/16 x 24 Thread	Shank Diameter	Overall Length
82-129		82-129-5/16	1/4 (1/2 OD)	1-3/4
82-439		82-439-5/16	1/2 (5/8 OD)	3
82-449		82-449-5/16	1/2	2-3/4



Scres Type Helix Mortising Bits, 2 Flute

Item Number	1/4 x28 Thread	5/16 x 24 Thread	Cutting Diameter	Cutting Length
24-480		24-480-5/16	1/2	5/8
24-480R		Round Body Only	1/2	5/8
24-481		24-481-5/16	5/8	5/8
24-466		24-466-5/16	3/4	1/2
24-467		24-467-5/16	7/8	1/2
24-468		24-468-5/16	1	1/2
24-469		24-469-5/16	1-1/8	9/16
24-470		24-470-5/16	1-1/4	5/8
		24-489-5/16	3/8	1-1/4
MT-211428EU		MT-211424EU	1-1/4	5/8
Full Body		Full Body	3/4	1/4



Reverse Helix Cutters

Item Number	Thread	Cutting Diameter	Rotation Direction
24-500H	1/4 x 28	1/2	Right
24-500H-LH	1/4 x 28	1/2	Left
24-505H	1/4 x 28	0.505	Right
24-563H	1/4 x 28	9/16	Right
24-590H	1/4 x 28	19/32	Right
24-750H	1/4 x 28	3/4	Right
24-876H	3/8 x 24	1	Right
24-1500H	1/4 x 28	1-1/2	Right



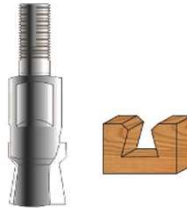
Mortising Dovetail Router Bits, M35 Door Lite Bit Carbide Tipped Latch Bits



High Speed Steel Mortising Router Bits

Item Number	Cutting Diameter	Shank Diameter	Shank Length	Flute Length	Overall Length
HS-2W63006	1/4	1/2	2-1/4	2-1/4	4-1/2
HS-2W63007	5/16	1/2	2-1/4	2-1/4	4-1/2
HS-2W63008	3/8	1/2	2-1/4	2-1/4	4-1/2
HS-2W63009	1/2	1/2	2-1/4	2-1/4	4-1/2

**Also available with 3 wings and 4 wings



Automatic Carbide Tipped Dovetail Bits, No Spur with Chamfer

Item Number	Rotation Direction	DODDS#	Size	Thread	Machine	OD MM	Overall MM
DV-25149LH	Left	J62BV	3/8 L No Spur w/Chamfer	5/16"-24	Dodds	13.8	51
DV-25149RH	Right	J63BV	3/8 R No Spur w/Chamfer	5/16"-24	Dodds	13.8	51

Carbide Tipped Latch Bits

Item Number	Outside Diameter	Overall Length	Shank
LBC-11614	1"	6-1/4	1/2 x 2" Shank with Flat
LBC-11614-RS	1"	6-1/4	1/2 x 2" Shank
LBC-1578-7/16	1"	5-7/8	7/16-14 Threaded Shank

