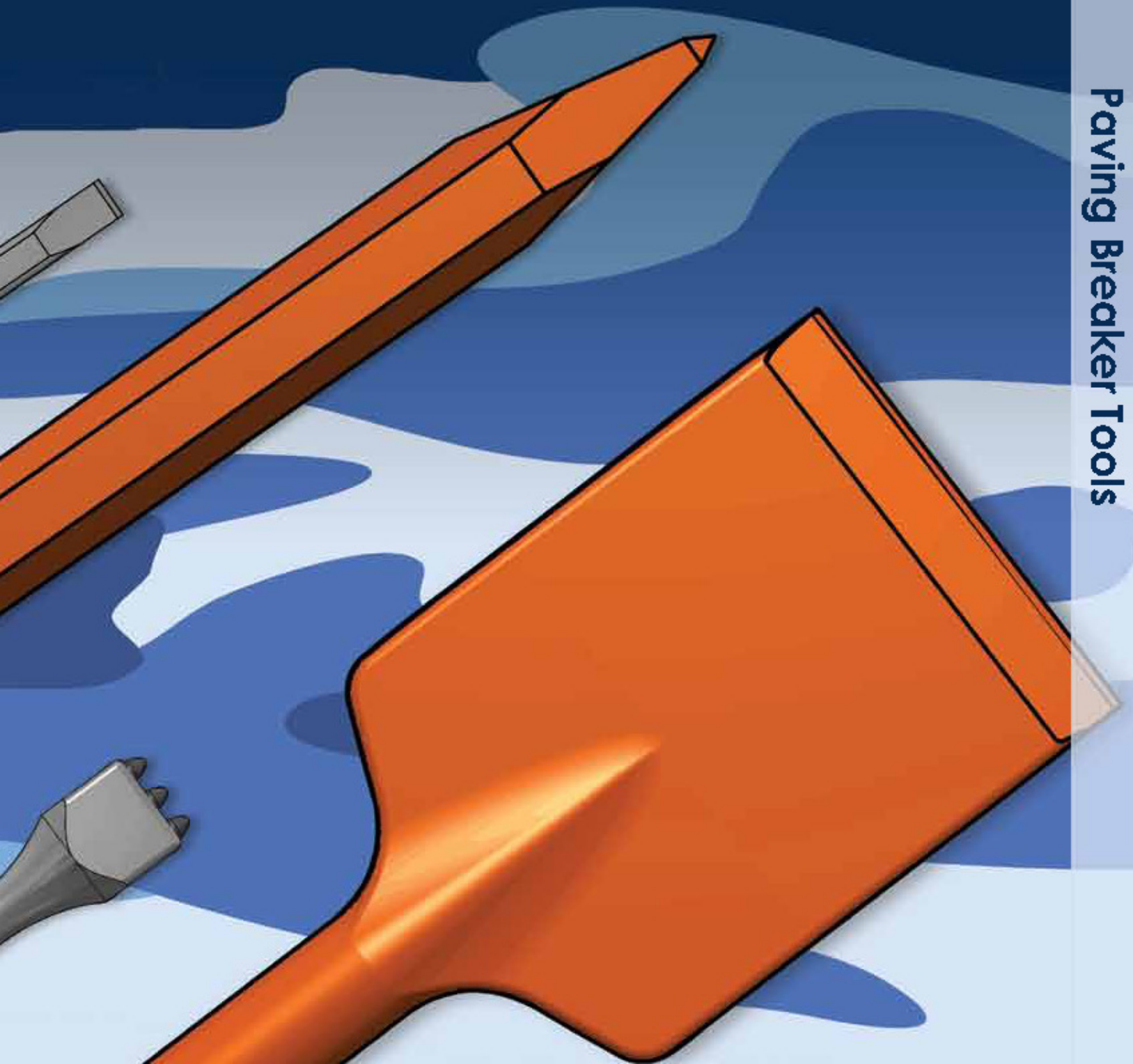


Brunner & Lay

Mining & Construction Tools

American made since 1882



Paving Breaker Tools

Brunner & Lay

Mining & Construction Tools

American made since 1882



In 2017, Brunner & Lay, Inc. celebrated one hundred and thirty-five years of continuous operations under the ownership and control of the founding family. The original products manufactured by this enterprise were those used in the sculpturing of stone, production of monuments, building stones, and "objects d'art".

From a very inauspicious beginning in a small blacksmith shop originally started in 1882 by Edward Brunner and Severin Lay, Brunner & Lay, Inc. and its affiliated companies have become recognized as the quality leaders, as well as the world's largest manufacturer of paving breaker tools. Today, using the latest state of the art equipment in its facilities throughout the world, Brunner & Lay, Inc.'s entire output is devoted to the manufacture of pneumatic and hydraulic tool accessories for the construction, mining, and demolition industries.

The worldwide operations encompass manufacturing plants and warehouses on three different continents. These include seven facilities in the United States, three in Canada, three in Great Britain, one in Germany, and two in Australia. The corporation is currently overseen by F. Michael Brunner, President, the fourth generation of the Brunner Family to oversee operations.

Brunner & Lay products are divided into three major categories: tools used for the demolition or cutting of concrete and stone, drill steels and carbide tipped bits which are used to drill blast holes in quarries, mines, and construction projects, and small chipping and electric hammer tools which are used by the general construction trade.

It is with great pride that the Brunner & Lay organization can point to the many wonderful highways, dams, airfields, mines & quarries, and national monuments it has shaped. These include, but are not limited to Mt. Rushmore, Hoover Dam, the Chunnel connecting England and France, the Eisenhower Tunnel in Colorado, and Olympic venues worldwide.

These accomplishments could not have been achieved without the extended efforts of long time dedicated employees and the many fine distributors who have provided loyal support over these years.

Brunner & Lay extends its very sincere thanks to these employees and distributors.

Brunner & Lay is confident that its products will contribute to worldwide health, growth, and prosperity far into the future.



Look for my tips in the gray boxes throughout the catalog to help with the tasks you are trying to accomplish. I can help with the working end you desire or the application suited for the tool that is being used. If it doesn't provide enough assistance please contact your local customer service representative.

Brunner & Lay



Mining & Construction Tools

American made since 1882

Catalog Number 518PBC

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Warehouses

Flat Rock, NC

Bensenville, IL

Dallas, TX

Houston, TX

Denver, CO

Los Angeles, CA

The products featured in the catalog represent the standards for the demolition industry.

Customers requiring product other than those featured in the catalog, should contact their local Brunner & Lay Distributor for assistance.

All weights in this catalog are measured in pounds or ounces.

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Brunner & Lay reserves the right to amend product specification without prior notice.

Paving Breaker Tools

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& Lay**
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Hex Shank tool labels are color coded for easy identification.



Green			White			Blue			Red			
7/8" X 3-1/4"			1" X 4-1/4"			1-1/8" X 6"			1-1/4" X 6"			
Part#	Length	Weight	Part#	Length	Weight	Part#	Length	Weight	Part#	Length	Weight	Application
A11014	14"	3.4	A21014	14"	4.5	A31014	14"	5.9	A41014	14"	7.2	Standard Moil Point—The most popular all-purpose tool. Contractors, Public Utilities, Municipalities and other users depend upon it for their everyday concrete breaking needs.
A11018	18"	4.3	A21018	18"	5.8	A31018	18"	7.1	A41018	18"	8.8	
A11024	24"	5.2	A21024	24"	6.8	A31024	24"	8.9	A41024	24"	10.9	
A11036	36"	7.5	A21036	36"	9.3	A31036	36"	12.3	A41036	36"	15.5	
			A21048	48"	12.7	A31048	48"	15.9	A41048	48"	19.7	
			A21060	60"	15.1	A31060	60"	19.4	A41060	60"	24.0	
			A21072	72"	18.7	A31072	72"	23.0	A41072	72"	28.4	
			A21096	96"	24.6	A31096	96"	30.0	A41096	96"	37.1	
A12014	14"	3.4	A22014	14"	4.5	A32014	14"	5.9	A42014	14"	7.2	Standard Narrow Chisel—Used for the identical purpose as the Moil Point, but with a blade rather than a point, the Standard Narrow Chisel is preferred by many.
A12018	18"	4.3	A22018	18"	5.8	A32018	18"	7.1	A42018	18"	8.8	
A12024	24"	5.2	A22024	24"	6.8	A32024	24"	8.9	A42024	24"	10.9	
A12036	36"	7.5	A22036	36"	9.3	A32036	36"	12.3	A42036	36"	15.5	
			A22048	48"	12.7	A32048	48"	15.9	A42048	48"	19.7	
			A22060	60"	15.1	A32060	60"	19.4	A42060	60"	24.0	
			A22072	72"	18.7	A32072	72"	23.0	A42072	72"	28.4	
			A22096	96"	24.6	A32096	96"	30.0	A42096	96"	37.1	
A13014	14"	3.5	A23014	14"	5.2	A33014	14"	6.7	A43014	14"	8.1	Standard 3" Chisel—One of the most versatile of all tools. Its many uses include cutting asphalt, line cutting or scoring of concrete, and breaking of softer concretes and other substances too soft for efficient moil point work.
A13018	18"	4.3	A23018	18"	6.2	A33018	18"	7.9	A43018	18"	9.5	
A13024	24"	5.5	A23024	24"	7.7	A33024	24"	9.5	A43024	24"	11.6	
A13036	36"	8.0	A23036	36"	10.6	A33036	36"	12.9	A43036	36"	15.7	
			A23048	48"	13.6	A33048	48"	16.2	A43048	48"	20.4	
			A23060	60"	16.5	A33060	60"	20.1	A43060	60"	25.6	
			A23072	72"	19.5	A33072	72"	23.2	A43072	72"	29.3	
			A23096	96"	25.4	A33096	96"	30.8	A43096	96"	38.0	
A14014	14"	4.1	A24014	14"	4.1	A34014	14"	6.8	A44014	14"	8.0	HI-DUTY Available in Moil Point, Narrow Chisel, and 3" Chisel, the HI-Duty tools are made from a better hard steel and are recommended where a heavier paving breaker hammer is used or resistance to fatigue or prolonged life is desired.
A14018	18"	6.1	A24018	18"	6.1	A34018	18"	8.0	A44018	18"	9.6	
A15014	14"	4.1	A25014	14"	4.1	A35014	14"	6.6	A45014	14"	8.0	
A15018	18"	6.1	A25018	18"	6.1	A35018	18"	8.0	A45018	18"	9.6	
A16014	14"	4.5	A26014	14"	5.5	A36014	14"	7.3	A46014	14"	8.2	
			A26018	18"	6.5	A36018	18"	8.5	A46018	18"	10.0	

Note: Length is under collar.

Call your local warehouse for longer lengths and other shank options.



Hex-Shank tool labels are color coded for easy identification.

	Green			White			Blue			Red			
	7/8" X 3-1/4"			1" X 4-1/4"			1-1/8" X 6"			1-1/4" X 6"			
Working End	Part#	Length	Weight	Part#	Length	Weight	Part#	Length	Weight	Part#	Length	Weight	Application
ASPHALT CUTTER 	B10500	11"	5.6	E20500	11"	6.6	ES0500	11"	8.4	B40500	11"	9.1	The 5" wide blade of the Asphalt Cutter is specifically designed so that the full width of the blade can be used to its full advantage for cutting asphalt.
ASPHALT WEDGE 				E21000	12"	6.8	ES1000	12"	7.2	B41000	12"	7.8	The Asphalt Wedge is suitable for cutting asphalt pavement where a wedging action is needed.
CLAY SPADE 	Blade B10200 B10300	4-1/2" 5-1/2"	6.9 7.3	Blade E20200 E20300	4-1/2" 5-1/2"	7.2 7.6	Blade ES0200 ES0300 ES0400	4-1/2" 5-1/2" 8"	9.8 10.1 13.6	Blade B40200 B40300 B40400	4-1/2" 5-1/2" 8"	10.3 11.0 13.8	Clay Spades are thick and curved for cutting and removal of clay and hardpan. A heavier blade is finished with serrations for breaking, trimming, and general excavation.
BUSHING TOOL 	B11100	12"	6.1	E21100	9"	5.4	ES1100	9"	7.0	B41100	9"	7.5	The Bushing Tool has a flat or angled tip for use on walks prior to resurfacing. Also used to remove excess material such as concrete seepage after the pouring of a form.
FROST WEDGE 				E20700	17-1/2"	6.4	ES0700	17-1/2"	10.5	B40700	17-1/2"	11.9	Frost ground breaks rapidly when the hooked shape of the Frost Wedge is applied. Few accessories tools save as much time and labor when winter paving.
DIGGING CHISEL 	B10600	17-1/4"	6.8	E20600	17-1/4"	7.5	ES0600	16-1/2"	9.3	B40600	16-1/2"	10.6	When deeper penetration is desired, the 3" Digging Chisel will do the job. It is sometimes used to cut asphalt or frozen earth.
TARMAC CUTTER 							ES0035	10-1/2"	7.8	B40035	10-1/2"	8.3	The Tarmac Cutter has a tapered blade which forms a wedging action to improve the efficiency of your tammer. This tool is designed for use on asphalt only.

Note: Length is under collar.

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Bladed Tools

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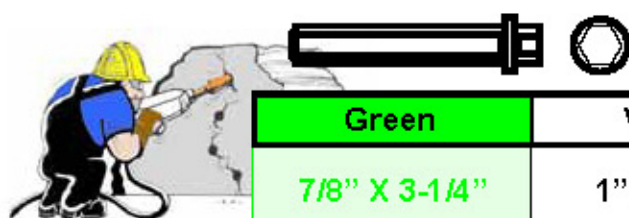
Hex-Shank tool labels are color coded for easy identification.

Green	White	Blue	Red
7/8" X 3-1/4"	1" X 4-1/4"	1-1/8" X 6"	1-1/4" X 6"



Working End	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	Application
CONCRETE BUSTER				ES0800	14-1/2"	10.0	ES0800	14-1/2"	11.0	E40800	14-1/2"	11.5	The Concrete Buster is for splitting rocks and mass shaped concrete. Insert in a 1-5/8" drilled hole and watch the object split directions.
BRICK REMOVING TOOL				ES0900	11-1/2"	6.5	ES0900	11-1/2"	6.9	E40900	11-1/2"	7.5	The Brick Removing Tool is our answer for how to remove granite bricks from the street without breaking the blocks, and also breaking or blowing city streets.
KEEN KUT							AS0003	16"	7.7	AS0003	16"	9.1	A Keen Kut, also known as an arrow point, is a wedge shaped tool that is used successfully for rapid break up of some of the most types of materials.
PLUG & FEATHERS													
				Shank	Hole Size 1-1/2"		ES2000		6.9	E42000		10.5	
				Feather			ES2200		4.0	ES2200		4.0	
				Shank	2"		ES2100		10.0	E42100		10.3	
				Feather			ES2300		5.8	ES2300		5.8	
DETACHABLE SHANK													
SHEATHING DRIVER SHOE													
				Shoe Size	Part #	Weight							
				2"	ES1502	14.6							
				3"	ES1503	16.6							
DIRT TAMPERS													
				Pad Size	Part #	Weight							
				7" Round	ES1607	15.0							
				6" Square	ES1606	12.6							
				8" Square	ES1608	18.2							

Call your local warehouse for longer lengths and other shank options.



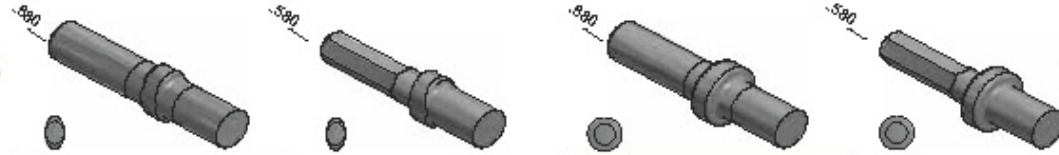
Hex-Shank tool labels are color coded for easy identification.

Green				White			Blue			Red				
7/8" X 3-1/4"				1" X 4-1/4"			1-1/8" X 6"			1-1/4" X 6"				
Working End	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	Application	
PIN DRIVER  Pin size 5/8" 3/4" 7/8" 1" 1-1/4" 1-1/2" 1-3/4" 2" 2-1/2" Two Piece				E21983		4.7	ES1983		5.8	E41983		7.5	The Pin Driver, manufactured in diameters ranging from 5/8" thru 2-1/2" is used to drive iron pins, cutting pins, and various sizes of both steel and wooden stakes.	
				E21985		5.0	ES1985		6.6	E41985		7.4		
				E21987		5.0	ES1987		6.4	E41987		7.1		
				E21989		4.6	ES1989		6.1	E41989		6.8		
				E21991		4.2	ES1991		5.8	E41991		6.7		
				E21993		7.1	ES1993		8.3	E41993		8.8		
				E21995		6.9	ES1995		8.1	E41995		8.5		
				E21997		6.6	ES1997		7.8	E41997		8.2		
				E21999		13.6	ES1999		15.3	E41999		15.8		
GROUND ROD DRIVER  Rod size 5/8" 3/4" 7/8" 1"	E22783		4.2	E22783		4.9	ES2783		6.4	E42783		7.3	The Ground Rod Driver is available in 5/8", 3/4", 7/8" and 1" rod sizes. A 3" deep hole is incorporated in the driving end to guide and support the ground rod.	
	E22785		4.2	E22785		4.8	ES2785		6.4	E42785		7.3		
				E22787		4.2	ES2787		6.1	E42787		7.1		
				E22789		4.2	ES2789		6.1	E42789		6.8		
SIGN POST DRIVER Two-piece set  ROUND  SQUARE 1-3/4" 2" 2-1/4" 2-1/2" Two-piece set				E24006	5-1/2"	7.2	ES4006	5-1/2"	8.8	E44006	5-1/2"	10.0	Sign Post Drivers are primarily used by Municipalities for driving the U shaped sign posts. The two piece shank and cap are specifically designed for this application.	
				E22006		11.5	ES2006		13.5	E42006		14.4		
				E25006		12.0	ES5006		14.0	E45006		15.0		
				E26006		12.4	ES6006		14.5	E46006		15.4		
				E27006		13.0	ES7006		15.2	E47006		16.0		
RAILROAD SPIKE DRIVER 	E41850		3.7	E41851		4.3	E41852		5.8	E41853		7.0	The curved concave face of the Railroad Spike Driver seats firmly on the lead of the spike.	
PIPE DRIVER  Pipe size 1" to 2" 1-1/4" to 2" 1-1/2" to 2" Larger Drivers are sold as two piece sets.	CUP 			E21861		15.6	ES1861		16.3	E41863		17.1	The Pipe Driver is used to drive different diameter pipes from 1" up to 2". The larger drivers are sold as a two-piece set.	
								ES1863		16.7	E41865			17.4

Call your local warehouse for longer lengths and other shank options.

Chipping Hammer Tools

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Working End	Round Shank/ Oval Collar			Hex Shank/ Oval Collar			Round Shank/ Round Collar			Hex Shank/ Round Collar			Application
	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	
BLANK	L01J08	8-1/2"	1.3	L01G08	8-1/2"	1.3	L01H08	8-1/2"	1.3	L01F08	8-1/2"	1.3	Chipping Hammer Tools are for use in light weight pneumatically operated hammers and are all designed with a retainer collar to promote safety. The shanks conform to the U.S. Navy specifications for round or hex-round shanks. These tools are available with either a round or oval collar. Points and Flat Chisels are the main tools used for concrete work and constitute the bulk of the total usage of Chipping Hammer tools. Scaling Chisels are used for variety of purposes such as chipping off rust or scale from metal surfaces, general cleanup work on concrete, cleaning up castings, and wherever a wide blade can be used for removal of unwanted or excess materials. Scaling Chisels come in blade widths of 1-1/2", 2", 2-1/2", and 3". Bushing Tools are used to level or roughen uneven floors or walls prior to refinishing.
	L01J11	11-1/2"	1.5	L01G11	11-1/2"	1.5	L01H11	11-1/2"	1.5	L01F11	11-1/2"	1.5	
POINT	L02J09	9"	1.3	L02G09	9"	1.3	L02H09	9"	1.3	L02F09	9"	1.3	
	L02J12	12"	1.7	L02G12	12"	1.7	L02H12	12"	1.7	L02F12	12"	1.7	
	L02J18	18"	2.6	L02G18	18"	2.6	L02H18	18"	2.6	L02F18	18"	2.6	
	L02J24	24"	3.5	L02G24	24"	3.5	L02H24	24"	3.5	L02F24	24"	3.5	
	L02J36	36"	5.3	L02G36	36"	5.3	L02H36	36"	5.3	L02F36	36"	5.3	
	L02J48	48"	6.8	L02G48	48"	6.8	L02H48	48"	6.8	L02F48	48"	6.8	
NARROW CHISEL	L03J09	9"	1.3	L03G09	9"	1.3	L03H09	9"	1.3	L03F09	9"	1.3	
	L03J12	12"	1.7	L03G12	12"	1.7	L03H12	12"	1.7	L03F12	12"	1.7	
	L03J18	18"	2.6	L03G18	18"	2.6	L03H18	18"	2.6	L03F18	18"	2.6	
	L03J24	24"	3.5	L03G24	24"	3.5	L03H24	24"	3.5	L03F24	24"	3.5	
	L03J36	36"	5.3	L03G36	36"	5.3	L03H36	36"	5.3	L03F36	36"	5.3	
	L03J48	48"	6.8	L03G48	48"	6.8	L03H48	48"	6.8	L03F48	48"	6.8	
SCALING CHISEL	L09J09	9"	1.3	L09G09	9"	1.3	L09H09	9"	1.3	L09F09	9"	1.3	
1-1/2" blade	L09J12	12"	1.7	L09G12	12"	1.7	L09H12	12"	1.7	L09F12	12"	1.7	
	L09J18	18"	2.6	L09G18	18"	2.6	L09H18	18"	2.6	L09F18	18"	2.6	
2" blade	L11J09	9"	1.5	L11G09	9"	1.5	L11H09	9"	1.5	L11F09	9"	1.5	
	L11J12	12"	2.0	L11G12	12"	2.0	L11H12	12"	2.0	L11F12	12"	2.0	
	L11J18	18"	2.6	L11G18	18"	2.6	L11H18	18"	2.6	L11F18	18"	2.6	
2-1/2" blade	L12J09	9"	1.5	L12G09	9"	1.5	L12H09	9"	1.5	L12F09	9"	1.5	
	L12J12	12"	2.0	L12G12	12"	2.0	L12H12	12"	2.0	L12F12	12"	2.0	
	L12J18	18"	2.9	L12G18	18"	2.9	L12H18	18"	2.9	L12F18	18"	2.9	
3" blade	L14J09	9"	1.8	L14G09	9"	1.8	L14H09	9"	1.8	L14F09	9"	1.8	
BUSHING TOOL	L07J00	10"	2.5	L07G00	10"	2.5	L07H00	10"	2.5	L07F00	10"	2.5	
Steel	L17J00	10"	2.9	L17G00	10"	2.9	L17H00	10"	2.9	L17F00	10"	2.9	
Carbide													
CLAY SPADE	L42J00	3.5		L42G00	3.5		L42H00	3.5		L42F00	3.5		
4-1/2" blade													
GROUND ROD DRIVER	L47J83	11.25"	2.9	L47G83	11.25"	2.9	L47H83	11.25"	2.9	L47F83	11.25"	2.9	
5/8" Rod size	L47J85	11.25"	2.7	L47G85	11.25"	2.7	L47H85	11.25"	2.7	L47F85	11.25"	2.7	
3/4"													

Call your local warehouse for longer lengths.

Note: Length is overall length.

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Note: Length is overall length.

Paving Breaker Tools • 9

Carbon Hollow Drill Steel

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Thread Type	Length	7/8" X 3-1/4"		7/8" X 4-1/4"		1" X 4-1/4"	
		Part #	Weight	Part #	Weight	Part #	Weight
E-THREAD	12"	E11012 E	2.6				
	18"	E11018 E	3.4				
	24"	E11024 E	4.4				
	30"	E11030 E	5.4				
	36"	E11036 E	6.4				
	48"	E11048 E	8.5				
	60"	E11060 E	10.5				
	72"	E11072 E	12.5				
H-THREAD	12"	E11012 H	3.0	E12012 H	3.1	E23012 H	3.4
	18"	E11018 H	4.0	E12018 H	4.1	E23018 H	5.2
	24"	E11024 H	5.1	E12024 H	5.2	E23024 H	6.4
	30"	E11030 H	6.0	E12030 H	6.2	E23030 H	7.8
	36"	E11036 H	7.0	E12036 H	7.1	E23036 H	9.1
	48"	E11048 H	9.0	E12048 H	9.1	E23048 H	11.7
	60"	E11060 H	10.7	E12060 H	11.2	E23060 H	14.4
	72"	E11072 H	12.7	E12072 H	13.2	E23072 H	16.8
	96"	E11096 H	16.8	E12096 H	17.2	E23096 H	21.9
	120"	E11120 H	21.0	E12120 H	21.0	E23120 H	27.2
	144"	E11144 H	25.2	E12144 H	25.2	E23144 H	32.2
	168"	E11168 H	29.3	E12168 H	29.3	E23168 H	38.4
D-THREAD	12"					E23012 D	4.1
	18"					E23018 D	5.6
	24"					E23024 D	6.7
	30"					E23030 D	8.0
	36"					E23036 D	9.3
	48"					E23048 D	12.0
	60"					E23060 D	15.1
	72"					E23072 D	17.4
Application		This threaded drill steel is used for all types of hand drilling in conjunction with the drill bits shown on the next page. It is designed with the shoulder drive connection for easy extraction from the drilled hole. The mating shoulders of the drill steel and the drill bit carry the brunt of the torque, relieving the stress on the threads.					

	Part #	Weight
H-THREAD COUPLINGS 		
	CCH0000	.75
H to D ADAPTORS 		
	CBH0000	1.0
Call your local warehouse for:		
 EXTENSION STEELS		

Call your local warehouse for longer lengths.

Note: Length is under collar.

Shoulder Drive Bits

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		STEEL BITS (no carbide)		ECON ROK-BITS (1/4" carbide insert)		STANDARD ROK-BITS (3/16" carbide insert)		BUTTON BITS	
Thread Type	Bit Diameter	Part#	Weight	Part#	Weight	Part#	Weight	Part#	Weight
E-THREAD	15/16"	LE25	.14						
	1"	LE26	.14						
	1-1/8"	LE28	.16						
	1-1/4"	LE32	.16						
H-THREAD	1-3/8"	LH355 H	.32	T1207 L0	.5	T1207 M0	.5	S1207 F0	.5
	1-1/2"	LH355 H	.36	T1507 L0	.5	T1507 M0	.5	S1507 F0	.5
	1-5/8"	LH415 H	.42	T1607 L0	.5	T1607 M0	.75	S1607 F0	.75
	1-3/4"	LH445 H	.48	T1707 L0	.75	T1707 M0	.75	S1707 F0	.75
	1-7/8"	LH475 H	.52			T1907 M0	.75	S1907 F0	.75
	2"	LH505 H	.56	T2007 L0	1.0	T2007 M0	1.0	S2007 F0	1.0
	2-1/8"					T2107 M0	1.1		
	2-1/4"	LH575 H	.62			T2207 M0	1.25	S2207 F0	1.25
	2-1/2"	LH635 H	1.0			T2507 M0	1.5		
	2-5/8"	LH665 H	1.14						
	3"					T3007 M0	2.16		
D-THREAD	1-3/4"	LD452A H	.7						
	1-7/8"	LD482A H	.8						
	2"	LD612A H	.97						
	2-1/4"	LD672A H	1.08						
	2-1/2"	LD642A H	1.22						
	2-3/4"	LD702A H	1.32						
	3"	LD762A H	1.46			T3008 M0	2.8		
	3-1/4"	LD832A H	2.5						
	3-1/2"	LD892A H	2.52						
	4"	LD1012A H	2.68						
Application		Steel Bits are used in extremely soft grounds for shallow or casual drilling, and in tapping of steel mill blast furnaces.		If resharpening cannot, or will not be performed, econ bits are often the most economical type of bit to use. They are particularly suited for soft and nonabrasive conditions.		Full size tungsten carbide inserts, which resist gauge wear and abrasion, makes this our most popular item. The design allows multiple sharpenings and continued reuse until the inserts are consumed.		The button type tungsten carbide inserts make this the bit of choice for drilling in very hard rock or concrete.	

Electric Hammer Tools

**Brunner
& Lay**

"Quality First" since 1882



Electric hammers fit into the same general size category as the pneumatic chipping hammers and are used for the same purposes. They have become extremely popular in the construction industry and we produce a full range of tools to meet this demand. These tools will fit into the demolition and rotary type hammers supplied by such companies as Black & Decker, Bosch, Kango, Metabo, Milwaukee, and others.

SDS-MAX

Bosch: 11214EVS, 11216EVS, 11227E, 11230EVS, 11231EVS, 11235EVS, 11245EVS, 11309EVS, 11312E, 11313EVS, 11316EVS
DeWalt: DW540K, DW541K, DW545K
Hilti: TE55, TE76ATC, TE505, TE705



Working End	Length	Part #	Weight
POINT	12"	D61012	1.2
	16"	D61016	1.7
FLAT CHISEL	12"	D62012	1.2
	16"	D62016	1.7
SCALING CHISEL Blade Size - 2"	12"	D62028	1.4
	3"	D62032	1.4
	4-1/2"	D62040	1.6
BUSHING TOOL Head Size - 1-3/4" sq	10"	D61100	2.5
CLAY SPADE Blade Size - 4-1/2"	16"	D60200	5.0
GROUND ROD DRIVER Rod Size - 5/8" Socket - 11/16"		D62783	1.2
	3/4" Socket - 13/16"	D62785	1.2

Note: Length is overall length.

C-9 SHANK

C-9 Tools fit the following Hammers
Chicago Pneumatic: CP8A
Bulair: MRD8 Thor: 6LRD ART: 108



Working End	Length	Part #	Weight
POINT	12"	DC2012	1.5
FLAT CHISEL	12"	DC3012	1.5

ELECTRIC ROTARY TOOLS

Chicago Pneumatic: PHD26, PH38, PHD38D
DeWalt: DW531K, DW530K, DW532K, DW533K
Bosch: 11202, 11203, 11205, 11209, 11214VS, 11219EVS, 11220EVS, 11232EVS, 11233EVS, 11306, 11307, 11310EVS, 11314EVS, 11248EVS
Makita: HR3851, HR5000
Metabo: 1129, RH99, RH99X
Milwaukee: 5343, 5347
Wacker: EBH-7F, 11

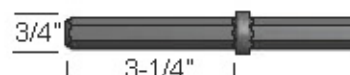


Working End	Length	Part #	Weight
POINT	12"	D21012	1.6
	18"	D21018	2.3
FLAT CHISEL	12"	D22012	1.6
	18"	D22018	2.3
SCALING CHISEL Blade Size - 1-1/2"	12"	D22026	1.6
	2"	D22028	1.8
	2-1/2"	D22030	2.0
	3"	D22032	2.1
BUSHING TOOL Head Size - 1-3/4" sq	10"	D21100	2.3
GROUND ROD DRIVER Rod Size - 5/8"	11/16"	D22783	2.5
	3/4"	D22785	2.4

Note: Length is overall length.

WACKER BREAKER TOOLS

EH8/110 AND EHB10/110



Working End	Length	Part #	Weight
POINT	12"	D81012	1.5
	15"	D81015	2.0
FLAT CHISEL	12"	D82012	1.5
	15"	D82015	2.0
WIDE CHISEL Blade Size - 2"	13"	D83013	1.9
	3"	D83012	2.0

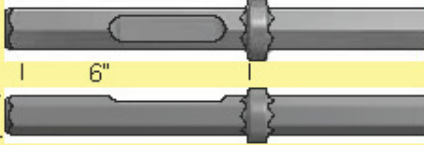
Note: Length is under collar.

Call your local warehouse for longer lengths.

ELECTRIC DEMOLITION TOOLS			
Bosch: 11301, 11305	 3/4"HE X		
Dewalt: DW558K			
Hitachi: H55SC			
Kango: 900S			
Makita: HM1211B			
Working End	Length	Part#	Weight
POINT	12"	D11012	1.5
	20"	D11020	2.7
FLAT CHISEL	12"	D12012	1.5
	20"	D12020	2.7
SCALING CHISEL Blade Size - 1-1/2"	12"	D12026	1.8
	2"	D12028	1.8
	2-1/2"	D12030	2.0
	3"	D12032	2.1
BUSHING TOOL Head Size - 1-3/4" sq	10"	D11100	2.4
ASPHALT CUTTER Blade Size - 5"	16"	D10500	5.4
CLAY SPADE Blade Size - 4-1/2"	16"	D10200	3.8
GROUND ROD DRIVER Rod Size - 5/8"	11/16"	D12783	2.5
	3/4"	D12785	2.4

Hex-Shank tool labels are color coded for easy identification.

Yellow

ELECTRIC BREAKER TOOLS			
Bosch: 11304	 6" 1-1/8"		
Wacker: EH27			
Working End	Length	Part#	Weight
POINT	20"	C81020	5.9
FLAT CHISEL	20"	C82020	5.9
3" CHISEL Blade Size - 3"	20"	C83020	6.5
ASPHALT CUTTER Blade Size - 5"	16"	C80500	8.1
CLAY SPADE Blade Size - 5-1/2"	16"	C80300	10.1

Note: Length is overall length.



Shank Size

7/8" X 3-1/4"

7/8" X 4-1/4"

1" X 4-1/4"

C-9

C-9 Tools fit the following Hammers
Chicago Pneumatic: CP-8A
Sullair: MRD-9 Thor: 5LHD APT: 109

Hole Size	Hole Depth	Part #	Part #	Weight	Part #	Weight	Hole Depth	Part #	Weight	Application
1/2"							8"	X90212	.9	The Whirlibit is a carbide inserted chisel tip accessory tool designed by Brunner & Lay specifically for dowel hole drilling. Drilling hole size range from 1/2" to 1-1/2", with drilling depths made to your requirements. Whirlibits are available in both the Shanked Steel Whirlibit and the C-9 Whirlibit.
1/2"							10-1/2"	X90312	1.0	
5/8"	6"	X30216	X31216	2.1			8"	X90116	1.1	
5/8"	9"	X30316	X31316	2.5			12"	X90316	1.3	
5/8"	15"	X30416	X31416	3.6			18"	X90416	1.7	
5/8"	21"	X30616	X31616	4.6						
3/4"	6"	X30219	X31219	2.1	X32219	2.2	8"	X90119	1.3	
3/4"	9"	X30319	X31319	2.6	X32319	2.8	12"	X90319	1.6	
3/4"	15"	X30419	X31419	3.6	X32419	3.7	18"	X90419	2.1	
3/4"	21"	X30619	X31619	4.2	X32619	4.7				
3/4"	27"	X30819	X31819	5.6	X32819	5.7				The Whirlibit is your most economical solution for dowel hole drilling.
3/4"	33"	X30919	X31919	6.4	X32919	6.8				
7/8"	6"	X30222	X31222	2.1	X32222	2.2	8"	X90122	1.6	
7/8"	9"	X30322	X31322	2.6	X32322	2.5	12"	X90322	2.0	
7/8"	15"	X30422	X31422	3.6	X32422	3.7	18"	X90422	2.8	
7/8"	21"	X30622	X31622	4.6	X32622	4.7				
7/8"	27"	X30822	X31822	5.6	X32822	5.7				
7/8"	33"	X30922	X31922	6.4	X32922	6.8				
1"	9"	X30325	X31325	2.6	X32325	2.5	8"	X90125	2.0	
1"	15"	X30425	X31425	3.6	X32425	3.7	12"	X90325	2.5	
1"	21"	X30625	X31625	4.6	X32625	4.8	18"	X90425	3.5	The Whirlibit is your most economical solution for dowel hole drilling.
1"	27"	X30825	X31825	5.6	X32825	5.7	24"	X90625	4.5	
1"	33"	X30925	X31925	7.1	X32925	6.8				
1-1/8"	9"	X30328	X31328	2.8	X32328	3.0	8"	X90128	2.5	
1-1/8"	15"	X30428	X31428	3.8	X32428	4.0	12"	X90328	3.2	
1-1/8"	21"	X30628	X31628	4.7	X32628	5.0	18"	X90428	4.5	
1-1/8"	27"	X30828	X31828	5.8	X32828	6.0				
1-1/8"	33"	X30928	X31928	6.3	X32928	6.8				
1-1/4"	9"	X30332	X31332	2.8	X32332	3.0	8"	X90132	2.7	
1-1/4"	15"	X30432	X31432	3.8	X32432	4.0	12"	X90332	3.2	
1-1/4"	21"	X30632	X31632	5.0	X32632	5.2	18"	X90432	4.6	The Whirlibit is your most economical solution for dowel hole drilling.
1-1/4"	27"	X30832	X31832	5.8	X32832	6.0				
1-1/4"	33"	X30932	X31932	6.3	X32932	6.8				
1-3/8"	9"	X30335	X31335	3.1	X32335	3.2	8"	X90135	2.8	
1-3/8"	15"	X30435	X31435	4.1	X32435	4.2	12"	X90335	3.2	
1-3/8"	21"	X30635	X31635	5.2	X32635	5.3	18"	X90435	4.5	
1-3/8"	27"	X30835	X31835	6.3	X32835	6.2				
1-3/8"	33"	X30935	X31935	7.1	X32935	7.3				
1-1/2"	9"	X30338	X31338	2.8	X32338	3.1	8"	X90138	2.8	
1-1/2"	15"	X30438	X31438	3.8	X32438	4.1	12"	X90338	3.8	
1-1/2"	21"	X30638	X31638	4.8	X32638	5.1	18"	X90438	4.8	
1-1/2"	27"	X30838	X31838	5.8	X32838	6.3				
1-1/2"	33"	X30938	X31938	7.1	X32938	7.3				

Call your local warehouse for longer lengths.

Why Choose B&L?

American made since 1882

Accurately forged shanks are held to close tolerances in both diameter and length, ensuring longer tool and chuck bushing wear.



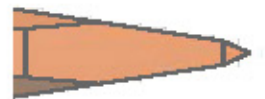
Striking ends are machined and squared to uniformly direct the transmittal of force thru the tool to the working end.



A tough, resilient, shock absorbing core guarantees a tool that will stand up to the excessive demands placed upon it.

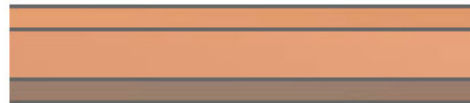


The design of the point end prevents sticking, facilitates easy penetration, and limits overheating. The deep hard case will hold its shape, eliminating the need to sharpen prematurely.



Chamfered to prevent chipping or spalling and to prolong the life of the anvil block or piston.

Collars are forged to international specifications.



The tool is enveloped by a hard, uniform, depth controlled case to resist wear and abrasion. This effect has been accomplished by adhering to extremely stringent heat-treating tolerances and a specialty steel manufactured to our own exacting specifications.

Smooth round filets blend into the tool, adding strength where it is needed.



Warranty

Brunner & Lay tools are guaranteed against defects in raw materials and manufacturing. No other warranty is implied or expressed. The Company's liability in respect to any warranty claims is limited to replacement and does not extend to any other expenditure incurred or to any consequential damage. Warranty claims are subject to immediate notification of any problems and return of the goods to Brunner & Lay under the If Returned Goods System. Reworking tools voids all warranties.

Safety First

Follow the air hammer manufacturer's operating instructions when using tools. ALL Safety features of the hammers should be used. DO NOT operate a hammer if safety equipment is missing or not operating. Tools must be used in accordance with all OSHA and MSHA regulations. Approved eye, face, head and foot protective equipment are to be used at all times when using these tools. Tools are to be used for its intended purposes only. Do not attempt to use any tool or material for which it is not designed for. NEVER strike a tool designed for an air hammer with a hand held hammer. Start your work with reduced air pressure to keep hammer and tool in proper alignment with your striking surface. Do not allow the tool to run idle. Allowing the tool to run idle will build up stress causing thin ball cracks to form in the steel. This will lead to tool breakage and possible injury to operator. DO NOT use the pneumatic hammer as a lever. Using tool as a lever can cause breakage which would result in severe injury. Drill tools are to be removed from service and discarded. Drill tools create fatigue which can result in breakage resulting in severe injury to the operator. Constant examination of the tool is required when it is used for ramming as opposed to cutting. Tools such as tampers, pile or pipe drivers, sheathing drivers, etc should be checked often for signs of fatigue or cracking.



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