Paving Breaker Tools

Brunner & Lay

"Quality First" since 1882.

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In 2011, Brunner & Lay, Inc. celebrated one hundred and twenty nine 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.

Circa 1910 - Polk Street Plant - Chicago, IL

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, including the latest, an opening in 2004 of a warehouse in Kalgoorlie. 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.

Circa 2011 - Old Missouri Road Plant - Springdale, AR

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Look for my tips in the gray boxes thoughout 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.

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Warehouses

150 Sweeten Creek Rd, Asheville NC 28803
ph 828 274-2770 fx 828 274-1534

9300 King St, Franklin Park IL 60131
ph 847 678-3232 fx 847 678-0642

7850 Carr St, Dallas TX 75227
ph 214 275-0013 fx 214 275-0310

4000 Telephone Rd, Unit B-7, Houston TX 77087
ph 713 643-4426 fx 713 643-9206

5338 Tennyson St, Denver CO 80212
ph 303 458-5370 fx 303 458-5325

2425 E 37th St, Los Angeles CA 90058
ph 323 587-1233 fx 323 587-7513

Catalog Number 511PBC

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.

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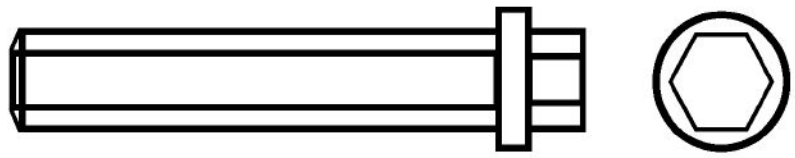
Paving Breaker Tools



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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**
MOIL POINT	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 this 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	
NARROW CHISEL	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	
3" CHISEL	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	
HI-DUTY POINT	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 beefier round 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	
HI-DUTY CHISEL	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	
HI-DUTY 3" CHISEL	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.

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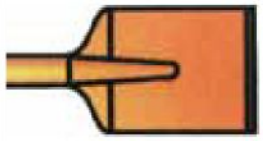
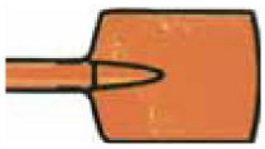
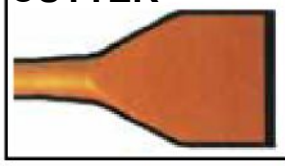
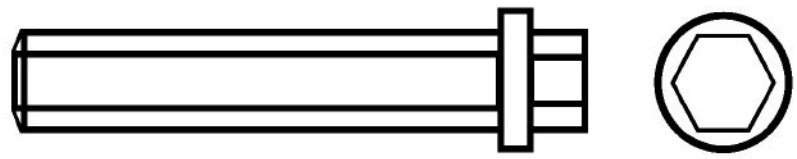
	Green			White			Blue			Red			
	7/8" X 3-1/4"			1" X 4-1/4"			1-1/8" X 6"			1-1/4" X 6"			
Working End	**Part #**	**Length**	**Weight**	**Part #**	**Length**	**Weight**	**Part #**	**Length**	**Weight**	**Part #**	**Length**	**Weight**	**Application**
ASPHALT CUTTER 	B10500	11"	5.6	B20500	11"	6.6	B30500	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				B21000	12"	6.8	B31000	12"	7.2	B41000	12"	7.8	The **Asphalt Wedge** is suitable for cutting asphalt pavement when a wedging action is needed.
CLAY SPADE 		Blade			Blade			Blade			Blade		**Clay Spades** are thin and curved for cutting and removal of clay and hardpan. A heavier blade is furnished where usages are trenching, trimming, and general excavation.
	B10200	4-1/2"	6.9	B20200	4-1/2"	7.2	B30200	4-1/2"	9.8	B40200	4-1/2"	10.3	
	B10300	5-1/2"	7.3	B20300	5-1/2"	7.6	B30300	5-1/2"	10.1	B40300	5-1/2"	11.0	
							B30400	8"	13.6	B40400	8"	13.8	
BUSHING TOOL	B11000	12"	6.1	B21100	9"	5.4	B31100	9"	7.0	B41100	9"	7.5	The **Bushing Tool** levels or roughens uneven floors or walls prior to resurfacing. Also used to remove excess material such as concrete seepage after the pouring of a form.
FROST WEDGE				B20700	17-1/2"	6.4	B30700	17-1/2"	10.5	B40700	17-1/2"	11.9	Frozen ground breaks rapidly when the inclined shape of the **Frost Wedge** is applied. Few accessory tools save as much time and labor when winter persists.
DIGGING CHISEL	B10600	17-1/4"	6.8	B20600	17-1/4"	7.5	B30600	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 							B30035	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 hammer. This tool is designed for use on asphalt only.

Note: Length is under collar.

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

Bladed Tools



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Working End	Green 7/8" X 3-1/4" Part #	Length	Weight	White 1" X 4-1/4" Part #	Length	Weight	Blue 1-1/8" X 6" Part #	Length	Weight	Red 1-1/4" X 6" Part #	Length	Weight	Application
CONCRETE BUSTER				B20800	14-1/2"	10.0	B30800	14-1/2"	11.0	B40800	14-1/2"	11.6	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				B20900	11-1/2"	6.5	B30900	11-1/2"	6.9	B40900	11-1/2"	7.5	The **Brick Removing Tool** is our answer on how to remove granite bricks from the streets without breaking the blocks, and also breaking curbing on city streets.
KEEN KUT							A90008	16"	7.7	A90009	16"	9.1	A **Keen Kut**, also known as an arrow point, is a wedge shaped tool that is used successfully for rapid breaking of softer or friable types of materials.
PLUG & FEATHERS				Hole Size: Shank 1-1/2' / Feather / Shank 2" / Feather			B32000 / B92200 / B32100 / B92300		6.9 / 4.0 / 10.0 / 5.8	B42000 / B92200 / B42100 / B92300		10.5 / 4.0 / 10.3 / 5.8	**Pneumatic Plug and Feathers** will perform in either a 1-1/2" or 2" diameter hole. Specify the hole size needed. This tool is mostly used in line splitting of concrete, but will also do a good job on boulders.
DETACHABLE SHANK	B11200	9"	4.6	B21200	9"	5.3	B31200	9"	6.8	B41200	9"	7.3	**Detachable Shanks** are available in all paving breaker shank sizes and fit all Tamper Pads and Sheathing Driver Shoes. **Sheathing Driver Shoes** are available for driving either 2" or 3" wood sheathing. Attach a 6" square, 8" square, or 7" round **Tamper Pad** to the detachable shank and you have a compact and easily handled tamper tool for tamping backfill, packing loosened materials or compacting dirt. The round-style pads are generally used as all-purpose tools while the square style is adapted for tamping asphalt pavement.
SHEATHING DRIVER SHOE	***Use with Detachable Shank***												
DIRT TAMPERS													

Shoe size	Part #	Weight
2"	B91502	14.6
3"	B91503	16.6

Pad Size	Part #	Weight
7" Round	B91607	15.0
6" Square	B91606	12.6
8" Square	B91608	18.2

Note: Length is under collar.

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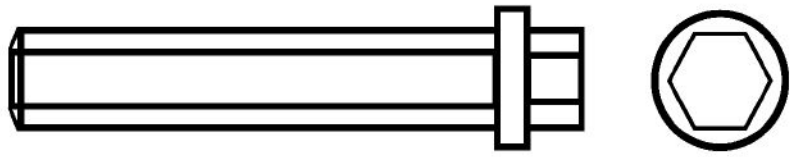

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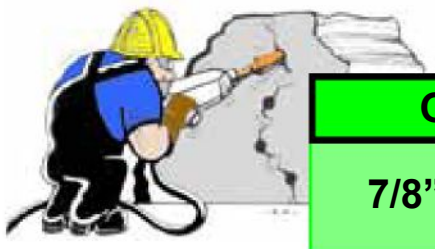

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Working End	Green			White			Blue			Red			Application
	7/8" X 3-1/4"			1" X 4-1/4"			1-1/8" X 6"			1-1/4" X 6"			
	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	Part #	Length	Weight	
PIN DRIVER Two Piece													The **Pin Driver**, furnished in diameters ranging from 5/8" thru 2-1/2" is used to drive form pins, curbing pins, and varied sizes of both steel and wooden stakes.
5/8"				B21983		4.7	B31983		5.8	B41983		7.5	
3/4"				B21985		5.0	B31985		6.6	B41985		7.4	
7/8"				B21987		5.0	B31987		6.4	B41987		7.1	
1"				B21989		4.6	B31989		6.1	B41989		6.8	
1-1/4"				B21991		4.2	B31991		5.8	B41991		6.7	
1-1/2"				B21993		7.1	B31993		8.3	B41993		8.8	
1-3/4"				B21995		6.9	B31995		8.1	B41995		8.5	
2"				B21997		6.6	B31997		7.8	B41997		8.2	
2-1/2"				B21999		13.6	B31999		15.3	B41999		15.8	
GROUND ROD DRIVER													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.
5/8"	B12783		4.2	B22783		4.9	B32783		6.4	B42783		7.3	
3/4"	B12785		4.2	B22785		4.8	B32785		6.4	B42785		7.3	
7/8"				B22787		4.2	B32787		6.1	B42787		7.1	
1"				B22789		4.2	B32789		6.1	B42789		6.8	
SIGN POST DRIVER Two-piece set ROUND	B24006	5-1/2"	7.2	B34006	5-1/2"	8.8	B44006	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 cup are specifically designed for this application.
1-3/4"	B22006		11.5	B32006		13.5	B42006		14.4				
2"	B25006		12.0	B35006		14.0	B45006		15.0				
2-1/4"	B26006		12.4	B36006		14.5	B46006		15.4				
Two-piece set 2-1/2" SQUARE	B27006		13.0	B37006		15.2	B47006		16.0				
RAILROAD SPIKE DRIVER	B41850		3.7	B41851		4.3	B41852		5.8	B41853		7.0	The curved concave face of the **Railroad Spike Driver** seats firmly on the head 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**			B21861		15.6	B31861		16.3				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.
							B31863		16.7	B41863		17.1	
										B41865		17.4	

Note: Length is under collar.

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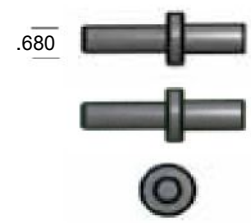
Chipping Hammer Tools



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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 1-1/2" blade	L09J09	9"	1.3	L09G09	9"	1.3	L09H09	9"	1.3	L09F09	9"	1.3	
	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 Steel	L07J00	10"	2.5	L07G00	10"	2.5	L07H00	10"	2.5	L07F00	10"	2.5	
Carbide	L17J00	10"	2.9	L17G00	10"	2.9	L17H00	10"	2.9	L17F00	10"	2.9	
CLAY SPADE 4-1/2" blade	L42J00		3.5	L42G00		3.5	L42H00		3.5	L42F00		3.5	
GROUND ROD DRIVER *Rod size* 5/8"	L47J83	11.25"	2.9	L47G83	11.25"	2.9	L47H83	11.25"	2.9	L47F83	11.25"	2.9	
3/4"	L47J85	11.25"	2.7	L47G85	11.25"	2.7	L47H85	11.25"	2.7	L47F85	11.25"	2.7	

Call your local warehouse for longer lengths.

Note: Length is overall length.

Brunner & Lay
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Working End		Standard 80X Part #	Length	Weight	Jumbo 11X Part #	Length	Weight		Application
BLANK		L20A12	12"	2.0	L20B12	12"	2.5		**Rivet Buster Tools** originally designed for structural steel work, are now seeing wide acceptance as demolition tools in the construction industry. Their unique long piston stroke delivers a very powerful blow and is a favorite tool for bridge demolition and concrete removal.
POINT		L21A09 L21A12 L21A18	9" 12" 18"	1.5 2.0 3.3	L21B10 L21B12 L21B18	10" 12" 18"	2.0 2.5 3.8		
NARROW CHISEL		L22A09 L22A12 L22A18	9" 12" 18"	1.5 2.0 3.3	L22B10 L22B12 L22B18	10" 12" 18"	2.0 2.5 3.8		
SIDE CUT CHISEL		L23A09 L23A12 L23A18	9" 12" 18"	1.5 2.0 3.3	L23B10 L23B12 L23B18	10" 12" 18"	2.0 2.5 3.8		
BACK OUT PUNCHES ***Standard clearance is 1-1/2".***	Rivet Size 3/8" 1/2" 3/4" 7/8"	L24A09 L25A09 L27A09 L28A09	9" 9" 9" 9"	1.5 1.5 1.5 1.5	L24B10 L25B10 L27B10 L28B10	10" 10" 10" 10"	2.0 2.0 2.0 2.0		
HEAT EXCHANGER PUNCHES					LF046F LF048H LF066F LF066H LF068F LF086F LF086H	1.75 1.75 2.0 2.0 2.25 2.25 2.25	Clearance 4 4 6 6 6 8 8	Tube Size 3/4" 1" 3/4" 3/4" 1" 3/4" 3/4"	Tube Gauge 12ga 14ga 12ga 14ga 12ga 12ga 14ga
					Other lengths and tube sizes available. 25 piece minimum.				

Note: Length is overall length.

Call your local warehouse for longer lengths.

Carbon Hollow Drill Steel

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Thread Type	Length	7/8" X 3-1/4" Part #	7/8" X 3-1/4" Weight	7/8" X 4-1/4" Part #	7/8" X 4-1/4" Weight	1" X 4-1/4" Part #	1" X 4-1/4" Weight
E-THREAD	12"	E11012E	2.6				
	18"	E11018E	3.4				
	24"	E11024E	4.4				
	30"	E11030E	5.4				
	36"	E11036E	6.4				
	48"	E11048E	8.5				
	60"	E11060E	10.5				
	72"	E11072E	12.5				
H-THREAD	12"	E11012H	3.0	E12012H	3.1	E23012H	3.4
	18"	E11018H	4.0	E12018H	4.1	E23018H	5.2
	24"	E11024H	5.1	E12024H	5.2	E23024H	6.4
	30"	E11030H	6.0	E12030H	6.2	E23030H	7.8
	36"	E11036H	7.0	E12036H	7.1	E23036H	9.1
	48"	E11048H	9.0	E12048H	9.1	E23048H	11.7
	60"	E11060H	10.7	E12060H	11.2	E23060H	14.4
	72"	E11072H	12.7	E12072H	13.2	E23072H	16.8
	96"	E11096H	16.8	E12096H	17.2	E23096H	21.9
	120"	E11120H	21.0	E12120H	21.0	E23120H	27.2
	144"	E11144H	25.2	E12144H	25.2	E23144H	32.2
	168"	E11168H	29.3	E12168H	29.3	E23168H	38.4
D-THREAD	12"					E23012D	4.1
	18"					E23018D	5.6
	24"					E23024D	6.7
	30"					E23030D	8.0
	36"					E23036D	9.3
	48"					E23048D	12.0
	60"					E23060D	15.1
	72"					E23072D	17.4

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

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.

Call your local warehouse for longer lengths.

Note: Length is under collar.

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		STEEL BITS (no carbide)		ECON ROK-BITS (1/4" carbide insert)		STANDARD ROK-BITS (9/16" carbide insert)		BUTTON BITS	
Thread Type	**Bit Diameter**	**Part #**	**Weight**	**Part #**	**Weight**	**Part #**	**Weight**	**Part #**	**Weight**
E-THREAD									
	15/16"	LE23	.14						
	1"	LE26	.14						
	1-1/8"	LE28	.16						
	1-1/4"	LE32	.16						
H-THREAD									
	1-3/8"	LH35SH	.32	T1207L0	.5	T1207M0	.5	S1207F0	.5
	1-1/2"	LH38SH	.36	T1507L0	.5	T1507M0	.5	S1507F0	.5
	1-5/8"	LH41SH	.42	T1607L0	.5	T1607M0	.75	S1607F0	.75
	1-3/4"	LH44SH	.48	T1707L0	.75	T1707M0	.75	S1707F0	.75
	1-7/8"	LH47SH	.52			T1907M0	.75	S1907F0	.75
	2"	LH50SH	.56	T2007L0	1.0	T2007M0	1.0	S2007F0	1.0
	2-1/8"					T2107M0	1.1		
	2-1/4"	LH57SH	.62			T2207M0	1.25	S2207F0	1.25
	2-1/2"	LH63SH	1.0			T2507M0	1.5		
	2-5/8"	LH66SH	1.14						
	3"					T3007M0	2.16		
D-THREAD									
	1-3/4"	LD452AH	.7						
	1-7/8"	LD482AH	.8						
	2"	LD512AH	.97						
	2-1/4"	LD572AH	1.08						
	2-1/2"	LD642AH	1.22						
	2-3/4"	LD702AH	1.32						
	3"	LD762AH	1.46			T3008M0	2.8		
	3-1/4"	LD832AH	2.5						
	3-1/2"	LD892AH	2.52						
	4"	LD1012AH	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.	

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”	12”	D62032	1.4
4-1/2”	13-3/4”	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.

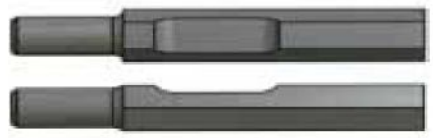
C-9 SHANK

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

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
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”	12”	D22028	1.8
2-1/2”	12”	D22030	2.0
3”	12”	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”	13/16”	D22785	2.4

Note: Length is overall length.

WACKER BREAKER TOOLS

EH8/110 AND EHB10/110

Working End	Length	Part #	Weight
POINT			
	12”	D91012	1.5
	15”	D91015	2.0
FLAT CHISEL			
	12”	D92012	1.5
	15”	D92015	2.0
WIDE CHISEL			
Blade Size - 2”	13”	D9B013	1.9
3”	12”	D93012	2.0

Note: Length is under collar.

Call your local warehouse for longer lengths.

Brunner & Lay
"Quality First" since 1882

ELECTRIC DEMOLITION TOOLS

Bosch: 11301, 11305
Dewalt: DW558K
Hitachi: H55SC
Kango: 900S
Makita: HM1211B

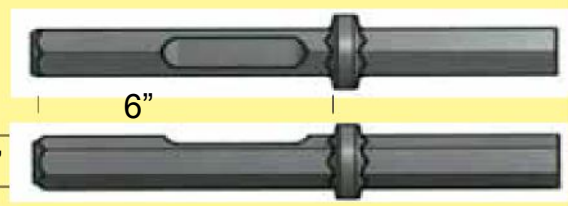
Working End	Length	Part #	Weight
POINT			
	12"	D11012	1.5
	20"	D11020	2.7
FLAT CHISEL			
	12"	D12012	1.5
	20"	D12020	2.7
SCALING CHISEL			
Blade Size - 1-1/2"	12"	D12026	1.6
2"	12"	D12028	1.8
2-1/2"	12"	D12030	2.0
3"	12"	D12032	2.1
BUSHING TOOL			
Head Size - 1-3/4" sq	10"	D11100	2.4
ASPHALT CUTTER			
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"	13/16"	D12785	2.4

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

Yellow

ELECTRIC BREAKER TOOLS

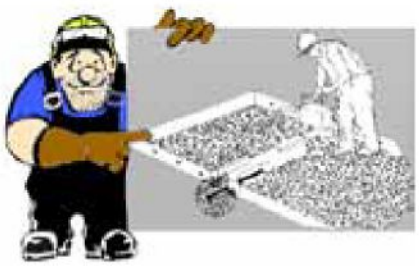
Bosch: 11304
Wacker: EH27



Working End	Length	Part #	Weight
POINT			
	20"	D31020	5.9
FLAT CHISEL			
	20"	D32020	5.9
3" CHISEL			
Blade Size - 3"	20"	D33020	6.5
ASPHALT CUTTER			
Blade Size - 5"	16"	D30500	8.1
CLAY SPADE			
Blade Size - 5-1/2"	16"	D30300	10.1

Note: Length is overall length.

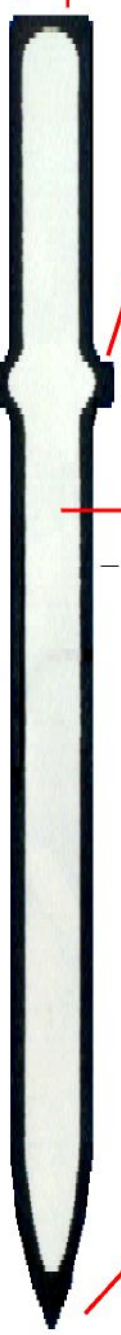
Brunner & Lay
"Quality First" since 1882



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-9A 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	
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"	14"	X30416	X31416	3.6			18"	X90416	1.7	
5/8"	20"	X30616	X31616	4.6						
3/4"	6"	X30219	X31219	2.1	X32219	2.2	8"	X90119	1.3	The **Whirlibit** is a carbide inserted chisel tip accessory tool designed by Brunner & Lay specifi-cally for dowel hole drilling. Drilling hole size range from 1/2" to 1-1/2", with drilling depths made to your requirements. Whirlbits are available in both the **Shanked Steel Whirli-bit** and the **C-9 Whirlibit**. The **Whirlibit** is your most economical solution for dowel hole drilling.
3/4"	9"	X30319	X31319	2.6	X32319	2.8	12"	X90319	1.6	
3/4"	14"	X30419	X31419	3.6	X32419	3.7	18"	X90419	2.1	
3/4"	20"	X30619	X31619	4.2	X32619	4.7				
3/4"	26"	X30819	X31819	5.6	X32819	5.7				
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"	14"	X30422	X31422	3.6	X32422	3.7	18"	X90422	2.8	
7/8"	20"	X30622	X31622	4.6	X32622	4.7				
7/8"	26"	X30822	X31822	5.6	X32822	5.7				
1"	9"	X30325	X31325	2.6	X32325	2.5	8"	X90125	2.0	
1"	14"	X30425	X31425	3.6	X32425	3.7	12"	X90325	2.5	
1"	20"	X30625	X31625	4.6	X32625	4.8	18"	X90425	3.5	
1"	26"	X30825	X31825	5.6	X32825	5.7	24"	X90625	4.5	
1-1/8"	9"	X30328	X31328	2.8	X32328	3.0	8"	X90128	2.5	
1-1/8"	14"	X30428	X31428	3.8	X32428	4.0	12"	X90328	3.2	
1-1/8"	20"	X30628	X31628	4.7	X32628	5.0	18"	X90428	4.5	
1-1/8"	26"	X30828	X31828	5.8	X32828	6.0				
1-1/4"	9"	X30332	X31332	2.8	X32332	3.0	8"	X90132	2.7	
1-1/4"	14"	X30432	X31432	3.8	X32432	4.0	12"	X90332	3.2	
1-1/4"	20"	X30632	X31632	5.0	X32632	5.2	18"	X90432	4.6	
1-1/4"	26"	X30832	X31832	5.8	X32832	6.0				
1-3/8"	9"	X30335	X31335	3.1	X32335	3.2	8"	X90135	2.8	
1-3/8"	14"	X30435	X31435	4.1	X32435	4.2	12"	X90335	3.2	
1-3/8"	20"	X30635	X31635	5.2	X32635	5.3	18"	X90435	4.5	
1-3/8"	26"	X30835	X31835	6.3	X32835	6.2			2.8	
1-1/2"	9"	X30338	X31338	2.8	X32338	3.1	8"	X90138	2.8	
1-1/2"	14"	X30438	X31438	3.8	X32438	4.1	12"	X90338	3.8	
1-1/2"	20"	X30638	X31638	4.8	X32638	5.1	18"	X90438	4.8	
1-1/2"	26"	X30838	X31838	5.8	X32838	6.3				

Call your local warehouse for longer lengths.

What makes Brunner & Lay Products BETTER?



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

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

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

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

Collars are forged to international specifications.

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

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.

The design of the point end prevents sticking, facilitates easy penetration, and will not overheat prematurely. The deep hard case will hold its shape, eliminating the need to resharpen prematurely.

Made in U.S.A.

Warranty:

Brunner & Lay tools are guaranteed against defects in raw material and manufacturing. No other warranty is implied or expressed.

The Company's liability in respect of 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 their 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 hammer 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 on material or with equipment that 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 idly. Allowing the tools to run idly will build up stress causing thumbnail 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 tools as a lever can cause breakage which would result in severe injury.

Dull tools are to be removed from service and discarded. Dull 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, pin or pipe drivers, sheathing drivers, etc. should be checked often for signs of fatigue or cracking.

Brunner & Lay

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Springdale AR 72765
ph 479 756-0880 fx 479 756-5366

Call (800) 872-6899 or visit BrunnerLay.com

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