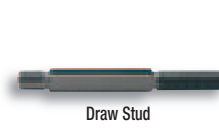
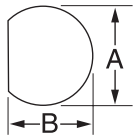


"D" Punches

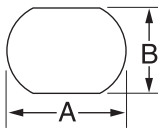


HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)	CAT./UPC NO.					MINIMUM PILOT HOLE Ø		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
								PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT					
INCH	mm	INCH	mm	GA	mm								INCH	mm	LBS.	kg.	
0.500 Ø	0.469	12.7 Ø	11.9	16	2.0	Hand/Hydr.	60077	60078	60079	60115	60120	05244	.375	9.5	.9	.41	60114
0.625 Ø	0.594	15.9 Ø	15.1	14	2.0	Hand/Hydr.	61080	60081	60082	34421	34733	04638	.500	12.7	1.1	.50	33967
0.750 Ø	0.703	19.1 Ø	17.9	14	2.0	Hand/Hydr.	61083	60084	60085	34421	34733	04638	.500	12.7	1.2	.50	33967

For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

Double "D" Punches

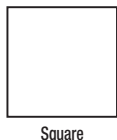


HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)	CAT./UPC NO.					MINIMUM PILOT HOLE Ø		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
								PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT					
INCH	mm	INCH	mm	GA	mm								INCH	mm	LBS.	kg.	
0.769 Ø	0.642	19.5 Ø	16.3	14	2.0	Hand/Hydr.	61086	60087	60088	34421	34733	04638	.500	12.7	1.1	.50	33967
0.795 Ø	0.697	20.2 Ø	17.6	14	2.0	Hand/Hydr.	61089	60090	60091	34421	34733	04638	.500	12.7	1.1	.50	33967
0.913 Ø	0.756	23.2 Ø	19.2	14	2.0	Hand/Hydr.	61092	60093	60094	34421	34733	04638	.500	12.7	1.2	.54	33967
0.913 Ø	0.795	23.2 Ø	20.2	14	2.0	Hand/Hydr.	61095	60096	60097	34421	34733	04638	.500	12.7	2	.9	33967
1.375 Ø	1.125	34.9 Ø	28.6	14	2.0	Hand/Hydr.	61098	60099	60100	60166	60165	60258	.875	23.8	2.5	1.1	60167

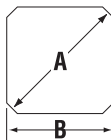
For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

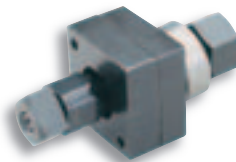
Square and Special Square Punches



Square



Special Square



HOLE SIZE			MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	CAT./UPC NO.						MINIMUM PILOT HOLE Ø		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
						PUNCH UNIT (INCLUDES PUNCH, DIE, DRAW STUD AND NUTS)			DRAW STUD	BB DRIVE NUT	COUNTER NUT					
INCH		mm	GA	mm			PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	INCH	mm	LBS.	kg	
1/2"	0.500 x 0.500	12.7 x 12.7	16	1.5	ØHand/Hydr.	60001	60002	60003	60115	60120	05244	.375	9.5	1.1	.50	60114Ø
5/8"	0.625 x 0.625	15.9 x 15.9	14	2.0	ØHand/Hydr.	61004	60005	60006	34421	34733	04638	.500	12.7	1.5	.68	33967Ø
3/4"	0.750 x 0.750	19.1 x 19.1	14	2.0	ØHand/Hydr.	61007	60008	60009	34421	34733	04638	.500	12.7	1.5	.68	33967Ø
7/8"	0.882 x 0.882	22.4 x 22.4	14	2.0	ØHand/Hydr.	61010	60011	60012	34421	34733	04638	.500	12.7	1.8	.82	33967Ø
	0.945 x 0.945	24.0 x 24.0	14	2.0	ØHand/Hydr.	61013	60014	60015	34421	34733	04638	.500	12.7	2.3	1.0	33967Ø
1"	1.000 x 1.000	25.4 x 25.4	14	2.0	ØHand/Hydr.	60016	60017	60018	60117	60165	60258	.625	15.9	2.4	1.1	60167Ø
	1.772 x 1.772	45.0 x 45.0	10	3.5	ØHydr. Only	60287	60288	60289	60118	—	60235	1.188	30.2	6.0	2.7	Ø
1-13/16"	1.811 x 1.811	46.0 x 46.0	10	3.5	ØHydr. Only	60019	60020	60021	60118	—	60235	1.188	30.2	6.2	2.8	Ø
2"	2.000 x 2.000	50.8 x 50.8	10	3.5	ØHydr. Only	60168	60169	60170	60118	—	60235	1.188	30.2	6.9	3.1	Ø
2-11/16"	2.677 x 2.677	68.0 x 68.0	10	3.5	ØHydr. Only	60171	60172	60173	60118	—	60235	1.188	30.2	10.1	4.6	Ø
3-5/8"	3.622 x 3.622	92.0 x 92.0	10	3.5	*Hydr. Only	60174	60175	60176	60118	—	60235	1.188	30.2	14.8	6.7	*
4-1/8"	4.125 x 4.125	104.8 x 104.8	10	3.5	*Hydr. Only	60177	60178	60179	60118	—	60235	1.188	30.2	18.8	8.5	*
	5.433 x 5.433	138.0 x 138.0	14	2.0	*Hydr. Only	60234	60023	60024	60118	—	60235	1.188	30.2	20	9.1	*

SPECIAL SQUARE

0.886(A)	0.791(B)	22.5 Ø(A) 20.1(B)	14	2.0	Hand/Hydr.	61125	60126	60127	34421	34733	04638	.500	12.7	.7	.3	33967
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For use with with Hand and Foot Pump Hydraulic Drivers with Ram

For use with any Greenlee Hydraulic Driver, or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers