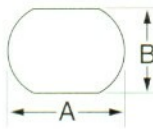




Double "D" Punches



Counter
Nut



Punch



Die



Draw Stud



Ball Bearing
Drive Nut

Hole Size				Maximum Capacity Mild Steel		Operation Type	Cat./UPC No.						Minimum Pilot Hole Ø		Weight		Optional Adapter for Hydraulic Drivers
							Punch Unit			Draw Stud	BB Drive	Counter					
Inch		mm		GA	mm		(Includes Punch, Die and Draw Stud)	Punch	Die			Nut	Nut	Inch	mm	lbs.	
0.769 Ø	0.642	19.5 Ø	16.3	14	2.0	Hand/Hydr.	60086	60087	60088	60113	34733	04638	.500	12.7	1.1	.50	339670
0.795 Ø	0.697	20.2 Ø	17.6	14	2.0	Hand/Hydr.	60089	60090	60091	60113	34733	04638	.500	12.7	1.1	.50	339670
0.913 Ø	0.756	23.2 Ø	19.2	14	2.0	Hand/Hydr.	60092	60093	60094	60113	34733	04638	.500	12.7	1.2	.54	339670
0.913 Ø	0.795	23.2 Ø	20.2	14	2.0	Hand/Hydr.	60095	60096	60097	60113	34733	04638	.500	12.7	2	.9	339670
1.375 Ø	1.125	34.9 Ø	28.6	14	2.0	Hand/Hydr.	60098	60099	60100	60166	60165	60258	.875	23.8	2.5	1.1	601670

◊ 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

Rectangular Punches



Counter
Nut



Punch



Die



Draw Stud



Ball Bearing
Drive Nut

Hole Size		Maximum Capacity Mild Steel		Operation	Cat./UPC No.						Minimum Pilot Hole Ø		Weight		Optional Adapter for Hydraulic
					Punch Unit (Includes Punch, Die and Draw Stud)			BB							
Inch	mm	GA	mm		Type		Punch	Die	Draw Stud	Drive Nut	Counter Nut	Inch	mm	lbs.	
0.437 x 0.875	11.1 x 22.2	16	1.5	◊Hand/Hydr.	60025	60026	60027	60115	60120	05244	.375	9.5	1.2	.5	60114◊
0.670 x 0.749	17.0 x 19.0	14	2.0	◊Hand/Hydr.	60028	60029	60030	60116	34733	04638	.500	12.7	1.5	.68	33967◊
0.750 x 1.140	19.1 x 29.0	14	2.0	◊Hand/Hydr.	60031	60032	60033	60117	60165	60258	.625	15.9	2.3	1.0	60167◊
0.750 x 1.310	19.1 x 33.3	14	2.0	◊Hand/Hydr.	60034	60035	60036	60117	60165	60258	.625	15.9	2.3	1.0	60167◊
0.861 x 1.018	21.9 x 25.9	14	2.0	◊Hand/Hydr.	60037	60038	60039	60117	60165	60258	.625	15.9	2.3	1.0	60167◊
0.866 x 1.181	22.0 x 30.0	14	2.0	◊Hand/Hydr.	60040	60041	60042	60117	60165	60258	.625	15.9	2.4	1.1	60167◊
0.866 x 1.654	22.0 x 42.0	14	2.0	◊Hand/Hydr.	60043	60045	60046	60117	60165	60258	.625	15.9	2.9	1.3	60167◊
0.990 x 1.140	25.1 x 29.0	14	2.0	◊Hand/Hydr.	60047	60048	60049	60117	60165	60258	.625	15.9	2.6	1.2	60167◊
1.250 x 1.380	31.8 x 35.1	14	2.0	◊Hand/Hydr.	60050	60051	60052	60117	60165	60258	.625	15.9	3.1	1.4	60167◊
1.312 x 2.625	33.3 x 66.7	10	3.5	◊Hydr. Only	60053	60054	60055	60118	-	60235	1.188	30.2	5.1	2.3	◊
1.378 x 2.047	35.0 x 52.0	10	3.5	◊Hydr. Only	60056	60057	60058	60118	-	60235	1.188	30.2	6.1	2.8	◊
1.378 x 2.559	35.0 x 65.0	10	3.5	◊Hydr. Only	60059	60060	60061	60118	-	60235	1.188	30.2	6.8	3.1	◊
1.378 x 3.228	35.0 x 82.0	14	2.0	*Hydr. Only	60062	60063	60064	60118	-	60235	1.188	30.2	7.7	3.5	*
1.378 x 4.409	35.0 x 112.0	14	2.0	*Hydr. Only	60065	60066	60067	60118	-	60235	1.188	30.2	9.2	4.2	*
1.811 x 3.622	46.0 x 92.0	10	3.5	*Hydr. Only	60068	60069	60070	60118	-	60235	1.188	30.2	8.9	4.0	*
2.250 x 3.500	57.2 x 88.9	10	3.5	*Hydr. Only	60071	60072	60073	60118	-	60235	1.188	30.2	10.1	4.6	*
2.677 x 5.433	68.0 x 138.0	14	2.0	*Hydr. Only	60074	60075	60076	60118	-	60235	1.188	30.2	16.1	7.3	*

*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

Ordering Special Size Knockout Punch Units

Greenlee will manufacture special punch sizes upon request. Please complete the information below and contact your Greenlee distributor. Allow 6 - 8 weeks for delivery. NOTE: A drawing will be helpful for accuracy of information.

- Specify Hole Size** _____ **Hole Size Tolerance + or -** _____
- Specify Shape** ☐ Square ☐ Rectangular ☐ Round ☐ Special Square ☐ Key ☐ "D" ☐ Double "D" ☐ Oiltight with Notches ☐ Other _____
- Specify Material Being Punched - Type** _____ **Thickness** _____
- Specify Drive Method - Hydraulic** _____ **Manual (BB Nut)** _____