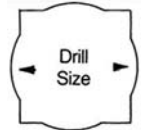
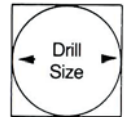


Standard Inch Square



Size Square	EDP No.	Tolerance	Dimension Across Corners	Pilot Diam.	Drill Size	Broach Length	Min. Length of Cut	Max. Length of Cut	Pressure for Max. L/C
1/8	13008	.1250-.1260	.1750-.1770	.1280	#30	4 5/8	3/16	1/2	700 lbs.
5/32	13010	.1565-.1575	.2180-.2200	.1585	#21	5 5/8	1/4	1/2	800 lbs.
3/16	13012	.1880-.1890	.2620-.2640	.1930	#10	5 11/16	1/4	5/8	1,120 lbs.
7/32	13014	.2190-.2200	.3050-.3070	.2275	#1	6 7/8	1/4	3/4	1,580 lbs.
1/4	13016	.2505-.2515	.3500-.3520	.2651	17/64	7	1/4	3/4	1,740 lbs.
9/32	13018	.2815-.2825	.3930-.3950	.2964	19/64	7 1/4	3/8	1	2,300 lbs.
5/16	13020	.3130-.3140	.4370-.4390	.3276	21/64	8 1/8	3/8	1	2,630 lbs.
11/32	13022	.3440-.3450	.4810-.4830	.3589	23/64	9 5/8	3/8	1 1/4	3,050 lbs.
3/8	13024	.3755-.3765	.5230-.5250	.3901	25/64	9 7/8	3/8	1 1/4	3,625 lbs.
13/32	13026	.4065-.4075	.5680-.5700	.4214	27/64	10 7/8	1/2	1 3/8	5,200 lbs.
7/16	13028	.4385-.4395	.6110-.6130	.4526	29/64	11 3/8	1/2	1 3/8	5,700 lbs.
15/32	13030	.4690-.4700	.6560-.6580	.4995	1/2	12 1/2	1/2	1 3/8	5,900 lbs.
1/2	13032	.5005-.5015	.6970-.6990	.5307	17/32	12 5/8	1/2	1 3/8	6,000 lbs.
9/16	13036	.5630-.5640	.7860-.7880	.5932	19/32	14 7/8	1/2	1 1/2	6,200 lbs.
5/8	13040	.6260-.6270	.8710-.8730	.6557	21/32	16 13/16	5/8	1 5/8	7,100 lbs.
11/16	13044	.6885-.6895	.9610-.9630	.7495	3/4	18 1/2	5/8	1 5/8	7,300 lbs.
3/4	13048	.7510-.7520	1.0450-1.0470	.8120	13/16	18 7/8	5/8	1 5/8	8,600 lbs.
7/8	13056	.8765-.8775	1.2280-1.0300	.9370	15/16	22 3/4	1/2	2	12,000 lbs.
1	13064	1.0020-1.0030	1.4030-1.4050	1.0932	1 3/32	24 1/2	1/2	2	12,500 lbs.

Standard Full Square



Size Square	EDP No.	Tolerance	Dimension Across Corners	Pilot Diam.	Drill Size	Broach Length	Min. Length of Cut	Max. Length of Cut	Pressure for Max. L/C
3/16	14012	.1880-.1890	.2628-.2632	.1870	3/16	6 1/4	3/16	1/2	1,200 lbs.
1/4	14016	.2505-.2515	.3513-.3517	.2495	1/4	8 5/8	1/4	5/8	1,600 lbs.
5/16	14020	.3120-.3140	.4375-.4380	.3120	5/16	10 1/4	1/4	3/4	2,300 lbs.
3/8	14024	.3755-.3765	.5243-.5247	.3745	3/8	12 1/4	3/8	1	3,750 lbs.
1/2	14032	.5005-.5015	.6980-.6990	.4995	1/2	14 7/16	3/8	1	5,000 lbs.

NOTES: Hassay Savage standard inch and full square broaches are HSS push type; designed for one-pass finishing when used with arbor or hydraulic press, or vertical broaching machine.

Special Square Broaches: If your application cannot be handled with the standard inch or full square broaches listed, send us a sample or print of the part to be broached.

Include the following data:

Hole: Dimensions before and after broaching, with tolerances, and whether cast, drilled or reamed; length required.

Material: specifications, and whether bar, cast or forged stock, appropriate hardness before broaching.

