

## Hex Rotary/Punch Broaches — M42 Cobalt



- Provides edge toughness for standard operations, and resists heat to better effect tool life in machining most metals
- For broaching materials such as ductile iron, tool steel, stainless steels, titanium alloys. This superior grade of HSS provides significantly longer tool life with these more difficult to machine alloys.



### With 0.315" Shank — Inch

Square Size	Depth of Cut	Overall Length	Hassay EDP No.	Code No.	Price \$
1/16	3/32	1-1/4	66004-M	182213	168.78
5/64	7/64	1-1/4	66005-M	182215	168.78
3/32	9/64	1-1/4	66006-M	182217	168.78
7/64	5/32	1-1/4	66007-M	182219	168.78
1/8	3/16	1-1/4	66008-M	182221	168.78
9/64	7/32	1-1/4	66009-M	182223	168.78
5/32	1/4	1-1/4	66010-M	182225	168.78
3/16	9/32	1-1/4	66012-M	182227	168.78
7/32	11/32	1-1/4	66014-M	182229	168.78
1/4	3/8	1-1/4	66016-M	182231	168.78
9/32	3/8	1-1/4	66018-M	182233	209.77
5/16	3/8	1-1/4	66020-M	182235	209.77
11/32	7/16	1-1/4	66022-M	182237	209.77
3/8	1/2	1-1/4	66024-M	182239	209.77

### With 0.315" Shank — Metric

Square Size	Depth of Cut	Overall Length	Hassay EDP No.	Code No.	Price \$
2mm	7/64	1-1/4	66202-M	182241	168.78
2.5mm	5/32	1-1/4	662025-M	182243	168.78
3mm	3/16	1-1/4	66203-M	182245	168.78
3.5mm	3/16	1-1/4	662035-M	182247	168.78
4mm	1/4	1-1/4	66204-M	182249	168.78
4.5mm	1/4	1-1/4	662045-M	182251	168.78

### With 0.500" Shank — Inch

Hex Size	Depth of Cut	Overall Length	Hassay EDP No.	Code No.	Price \$
3/32	9/64	1-3/4	66106-M	182253	209.77
7/64	5/32	1-3/4	66107-M	182255	209.77
1/8	3/16	1-3/4	66108-M	182257	209.77
9/64	7/32	1-3/4	66109-M	182259	209.77
5/32	1/4	1-3/4	66110-M	182261	209.77
3/16	9/32	1-3/4	66112-M	182263	209.77
7/32	9/32	1-3/4	66114-M	182265	209.77
1/4	3/8	1-3/4	66116-M	182267	209.77
9/32	7/16	1-3/4	66118-M	182269	209.77
5/16	1/2	1-3/4	66120-M	182271	209.77
11/32	9/16	1-3/4	66122-M	182273	209.77
3/8	9/16	1-3/4	66124-M	182275	209.77

## Square Rotary/Punch Broaches



- For cutting mild steel applications



### With 0.315" Shank — Inch

Square Size	Depth of Cut	Overall Length	Hassay EDP No.	Code No.	Price \$
1/16	1/8	1-1/4	68004	182930	132.77
3/32	9/64	1-1/4	68006	182932	132.77
1/8	3/16	1-1/4	68008	182934	132.77
5/32	1/4	1-1/4	68010	182936	132.77
3/16	9/32	1-1/4	68012	182938	132.77
7/32	11/32	1-1/4	68014	182940	132.77
1/4	3/8	1-1/2	68016	182942	180.35
9/32	3/8	1-1/2	68018	182944	180.35
5/16	3/8	1-1/2	68020	182946	180.35
11/32	3/8	1-1/2	68022	182948	183.14
3/8	3/8	1-1/2	68024	182950	183.14

### With 0.315" Shank — Metric

Square Size	Depth of Cut	Overall Length	Hassay EDP No.	Code No.	Price \$
1.5mm	3/32	1-1/4	682015	182277	132.77
2mm	7/64	1-1/4	68202	182279	132.77
2.5mm	5/32	1-1/4	682025	182281	132.77
3mm	3/16	1-1/4	68203	182283	132.77
3.5mm	3/16	1-1/4	682035	182285	132.77
4mm	1/4	1-1/4	68204	182287	132.77
4.5mm	1/4	1-1/4	662045	182289	132.77
5mm	5/16	1-1/4	68205	182291	132.77
6mm	3/8	1-1/4	68206	182293	132.77
7mm	3/8	1-1/4	68207	182295	180.55
8mm	3/8	1-1/4	68208	182297	180.55
9mm	3/8	1-1/4	68209	182299	180.55
10mm	1/2	1-1/4	68210	182301	180.55

### With 0.500" Shank — Inch

Square Size	Depth of Cut	Overall Length	Hassay EDP No.	Code No.	Price \$
3/32	9/64	1-1/2	68106	182960	156.11
1/8	3/16	1-1/2	68108	182962	156.11
5/32	1/4	1-1/2	68110	182964	156.11
3/16	9/32	1-1/2	68112	182966	156.11
7/32	11/32	1-1/2	68114	182968	156.11
1/4	3/8	1-1/2	68116	182970	156.11
9/32	7/16	1-1/2	68118	182972	156.11
5/16	1/2	1-1/2	68120	182974	156.11
11/32	9/16	1-1/2	68122	182976	219.05
3/8	5/8	2	68124	182978	219.05
7/16	5/8	2	68128	182980	219.05
1/2	5/8	2	68132	182982	219.05
9/16	3/4	2	68136	182984	229.92
5/8	7/8	2	68140	182986	229.92

### With 0.500" Shank — Metric

Square Size	Depth of Cut	Overall Length	Hassay EDP No.	Code No.	Price \$
1.5mm	3/32	1-3/4	683015	182303	156.11
2mm	7/64	1-3/4	68302	182305	156.11
2.5mm	5/32	1-3/4	683025	182307	156.11
3mm	3/16	1-3/4	68303	182309	156.11
3.5mm	3/16	1-3/4	683035	182311	156.11
4mm	1/4	1-3/4	68304	182313	156.11
4.5mm	1/4	1-3/4	683045	182315	156.11
5mm	5/16	1-3/4	68305	182317	156.11
6mm	3/8	1-3/4	68306	182319	156.11
7mm	3/8	1-3/4	68307	182321	156.11
8mm	3/8	1-3/4	68308	182323	156.11
9mm	3/8	1-3/4	68309	182325	156.11
10mm	1/2	1-3/4	68310	182327	156.11
11mm	9/16	1-3/4	68311	182329	207.58
12mm	5/8	1-3/4	68312	182331	207.58