

MAX Out Your Rotary Broaching

2X Tool Life Compared to a T-15

37% Decrease in Overall CPP (Cost Per Part)

Hassay **MAX**



Proprietary Alloy



Manufactured from custom hardened alloys, these hex, square and punch rotary broaches are a **specially formulated material** that combines high hardness with exceptional abrasion resistance and toughness.

They're ideal for sockets where long tool life is required and are intended for use on materials with hardness up to 50 Hrc, such as:

- Cobalt-Chrome
- Titanium
- Custom 455
- Inconel 718
- Biodur 108 & 22-13-15
- Monel
- 17-4 Stainless Steel
- Hardened A286/304
- Strain Hardened 316
- 303 Stainless Steel

Our rotary broaches offer many **advantages** over conventional coated & uncoated broaching tools, including:

- Edge Toughness for High Production Applications
- Better Heat Resistance
- 2x-10x Longer Tool Life

To learn more, see p.64 of our Catalog at ecat.pilotprecision.com

Ideal for Applications in These Industries



Fasteners



Automotive



Electronics



Medical/Dental



Aerospace



Defense

Limited Time Offer

15% OFF*

HassayMAX & Standard M2

See your Distributor for Pricing

Hexagonal Rotary/Punch Broaches 1/2" - 0.500 Shank					
Hex Size (inch)	Across Flats +0.001 / -0.000	Max. Depth of Cut	Overall Length*	EDP No. Hassay Savage	EDP No. Hassay Savage MAX
3/32	0.095	7/32	1-3/4	66106	66106-M
7/64	0.111	1/4		66107	66107-M
1/8	0.127	1/4		66108	66108-M
9/64	0.143	5/16		66109	66109-M
5/32	0.158	5/16		66110	66110-M
3/16	0.190	3/8		66112	66112-M
7/32	0.221			66114	66114-M
1/4	0.252	7/16		66116	66116-M
9/32	0.284	7/16		66118	66118-M
5/16	0.315	7/16		66120	66120-M
11/32	0.346	11/16		66122	66122-M
3/8	0.378			66124	66124-M
13/32	0.410	11/16		66126	66126-M
7/16	0.441			66128	66128-M
15/32	0.472	5/8		66130	66130-M
1/2	0.504			66132	66132-M
9/16	0.567		66136	66136-M	
5/8	0.630		66140	66140-M	
11/16	0.693		66144	66144-M	
3/4	0.755		66148	66148-M	

Square Rotary/Punch Broaches 8mm-.315 Shank					
Square Size (inch)	Across Flats +0.001 / -0.000	Max. Depth of Cut	Overall Length*	EDP No. Hassay Savage	EDP No. Hassay Savage MAX*
1/16	0.063	3/16	1-1/4	68004	68004-M
3/32	0.095	3/16		68006	68006-M
1/8	0.127	7/32		68008	68008-M
5/32	0.158	9/32		68010	68010-M
3/16	0.190	11/32		68012	68012-M
7/32	0.221	3/8		68014	68014-M
1/4	0.252			68016	68016-M
9/32	0.284	68018		68018-M	
5/16	0.315	68020		68020-M	
11/32	0.346	68022		68022-M	
3/8	0.379	68024		68024-M	

Swiss Style Rotary

Metric Hexagonal Rotary/Punch Broaches 0.315 Shank					
Hex Size (mm)	Across Flats +/- 0.0002	Max. Depth of Cut	OAL Overall Length	EDP No. M-2* Hassay Savage	EDP No. Hassay MAX Hassay Savage
1.5	0.0610	5/32	28mm	762015	772015-M
2.0	0.0807	7/32		76202	77202-M
2.5	0.1004			762025	772025-M
3.0	0.1201	1/4		76203	77203-M
3.5	0.1398			762035	772035-M
4.0	0.1595	5/16		76204	77204-M
4.5	0.1792			762045	772045-M
5.0	0.1989			76205	77205-M
6.0	0.2382			7/16	76206

Swiss Style Rotary

Standard Hexagonal Rotary/Punch Broaches 0.315 Shank					
Hex Size (inch)	Across Flats +/- 0.0002	Max. Depth of Cut	OAL Overall Length	EDP No. M-2* Hassay Savage	EDP No. Hassay MAX Hassay Savage
0.051	0.051	1/8	28mm	76002	77002-M
1/16	0.0645	3/16		76004	77004-M
5/64	0.0801	3/16		76005	77005-M
3/32	0.0958	7/32		76006	77006-M
7/64	0.1113	7/32		76007	77007-M
1/8	0.1270	1/4		76008	77008-M
9/64	0.1426	9/32		76009	77009-M
5/32	0.1585	5/16		76010	77010-M
3/16	0.1895	11/32		76012	77012-M
7/32	0.2207	13/32		76014	77014-M
1/4	0.2520	7/16		76016	77016-M

Scan here to see our ecatalog

