

Specialized, High-performance Broaching Tools

Standard & Custom Shapes, Sizes



5-Day
Delivery!

Dayton Broaching Tools give manufacturers the ability to produce highly specialized, high-demand products for the medical, dental, and aerospace industries—products such as bone screws, dental implants, and aircraft assembly parts. Three standard shapes (square, hex, and double hex) are available, as well as customized shapes and sizes. Longer-lasting coatings include TiN, TiCN, and TiAlN. Fits commercially available holders.

Quality broaching tools for ultra-precision machining & screw machine turning

Top-quality
materials.
Longer-lasting
coatings.

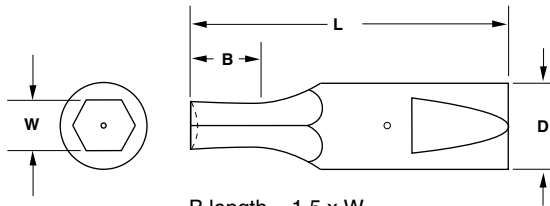
High precision
**Internal
Broaches**



Global leader in
providing fabrication
and stamping solutions



Type
RPN
(Hex)



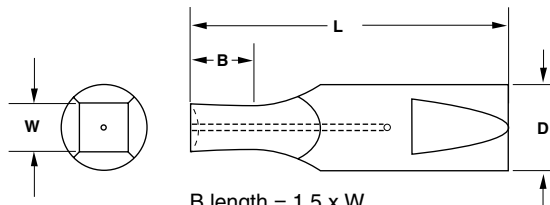
B length = 1.5 x W,
unless otherwise specified.
All broaches have an air hole
except when W is < .120"/3.05mm.

RPN	D	W (inch)		W (metric)		L
		Min.	Max.	Min.	Max.	
31	.315 (8mm)	.047	.272	1.20	6.90	28 mm 1.25 in.
50	.500	.094	.432	2.40	10.98	1.50 in. 1.75 in.

All broaches have angled flats
except 28mm length, which has
a standard flat. (See drawing.)



Type
RPS
(Square)



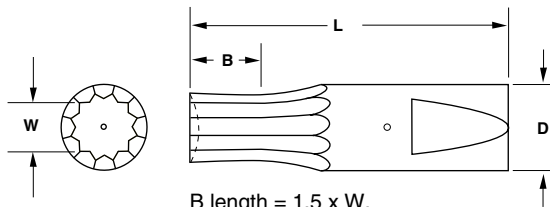
B length = 1.5 x W,
unless otherwise specified.
All broaches have an air hole
except when W is < .120"/3.05mm.

RPS	D	W (inch)		W (metric)		L
		Min.	Max.	Min.	Max.	
31	.315 (8mm)	.063	.222	1.63	5.63	28 mm 1.25 in.
50	.500	.094	.353	2.42	8.96	1.50 in. 1.75 in.

All broaches have angled flats
except 28mm length, which has
a standard flat. (See drawing.)



Type
RPF
(Double Hex)



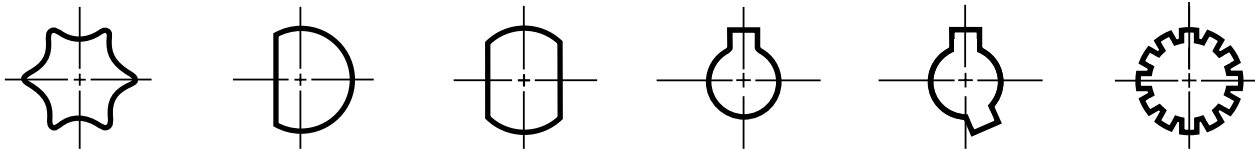
B length = 1.5 x W,
unless otherwise specified.
All broaches have an air hole
except when W is < .120"/3.05mm.

RPF	D	W (inch)		W (metric)		L
		Min.	Max.	Min.	Max.	
31	.315 (8mm)	.252	.272	6.40	6.90	28 mm 1.25 in.
50	.500	.252	.432	6.40	10.98	1.50 in. 1.75 in.

All broaches have angled flats
except 28mm length, which has
a standard flat. (See drawing.)



Additional per print shapes & sizes available, including:



All products packaged individually for protection.

Ordering Information

Material Steel: PM (powder metal HSS),
CO (cobalt HSS)

HOW TO ORDER

Specify:	Qty.	Type	D	*B	L	Steel	**W	Coating
Example:	37	RPN	31	.150	125	PM	.127	XCN
	12	RPS	31		28	CO	.189	XAN

* Not required if standard (1.5 x W).

**Across flats (actual dimension).

Surface Coatings

Name	Code	Description	Add	Material
DayTiN [®]	XNT	Titanium Nitride	3 days	PM, CO
TiCN	XCN	Titanium Carbonitride	3 days	PM, CO
DayTAN [®]	XAN	TiAlN—Titanium Aluminum Nitride	4 days	PM, CO



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