



PRECISION TAPS

 **Swanson**
tool manufacturing, inc.



Taps for Every Purpose



Founded in 1963, Swanson Tool Manufacturing provides three generations of tap manufacturing experience. Swanson's attention to tool geometry and heat treating assure you of longer tap life. Your applications will benefit from our 100% Total Thread Quality Control. Continuous in-process inspection and gaging are standard on all of our products. Properly designed for your application, our taps make the difficult easy and reduce your cost per hole.



Conduit

- Per DIN #40430
- "PG" Series
- 80° included angle



Coolant-Fed

- Ideal for blind holes
- Increases tool life
- Increases production



Spiral Flute

- Ideal for blind holes
- Low/medium or high helix
- Pulls chips from hole



Nib

- Ideal for nut tapping
- Solid/threaded shanks
- All styles available



Pipe

- Tapered or straight
- Interrupted thread
- Special projections
- Straight or spiral flute
- Extensions



Acme

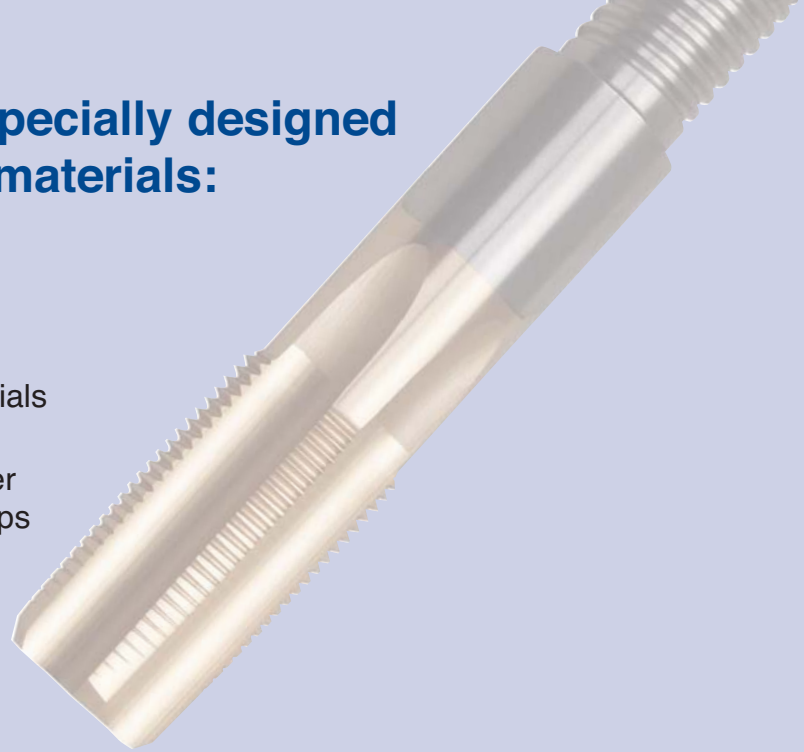
- Regular or tandem style
- Straight or spiral flute
- Special designs for part

All taps are available in inch and metric, left-hand and right-hand

Swanson provides taps specially designed for each of the following materials:

- Medium alloy steels (4140, 5280)
- Titanium
- Stainless steel and high alloy steels
- Aluminum and similar nonferrous materials with long stringy chips
- Aircraft grade aluminum alloys and other nonferrous metals with short stringy chips
- Case hardening steels
- Cast iron

Taps available in high speed steel and premium steel



Design Specials

- Multiple starts
- Piloted taps
- Shell taps
- Extension taps



Thread Forming

- Eliminates chip problems
- Ideal for blind holes
- Taps at higher RPMs



Swanson CNC Special Premium Steel Taps

These CNC designs reduce chip buildup in holes. They feature special reliefs for freer cutting and have a higher hardness and toughness.

Spiral Point

- For thru hole applications
- Pushes chips out of hole



Spiral Flute

- For blind hole applications
- Pulls chips out of hole



Swanson also offers a complete line of quality gages including:

Thread and Plain • Inch and Metric
Standard and Special • Plug • Ring



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