

## EXECUTE YOUR PROJECTS WITH HIGH PRECISION

At DGI Supply, we offer a wide range of premium taps and threading tools, meticulously designed to help you cut precise internal threads and enhance your versatility. Whether you're working with blind hole, through hole, or form tapped threads, or need material specific taps, having the right tools is essential for achieving precision and quality. DGI Supply provides all the necessary tools to meet your threading needs and ensure accurate tapped holes every time.

SANDVIK  
COROMANT

DGI  
SUPPLY  
USA Cutting Tools



OSG

GÜHRING

DORMER PRAMET

### SPIRAL POINT TAPS

SPECIFICALLY DESIGNED FOR CREATING THREADS IN THROUGH-HOLES, CHARACTERIZED BY STRAIGHT FLUTES WITH A POINTED LEADING EDGE.

### SPIRAL FLUTE TAPS

DESIGNED TO EFFECTIVELY DRAW CHIPS UP AND OUT OF THE HOLE AND TOWARD THE SHANK WHEN TAPPING BLIND HOLES, DEEP HOLES AND KEYWAY HOLES. IDEALLY SUITED FOR SOFT METALS WITH STRINGY SWarf SUCH AS ALUMINUM, BRASS AND COPPER.

### THREAD FORMING TAPS

USED TO FORM INTERNAL THREADS BY DISPLACING THE METAL WITHOUT PRODUCING CHIPS IN PIPES AND PIPE FITTINGS. THEY ARE IDEAL FOR ALUMINUM, BRASS, COPPER, STEEL AND SOFT METALS.

### STRAIGHT FLUTE TAPS

A TYPE OF CUTTING TOOL DESIGNED FOR CREATING THREADS IN A HOLE, FEATURING STRAIGHT FLUTES RUNNING PARALLEL TO ITS AXIS. IT IS SUITABLE FOR GENERAL-PURPOSE THREADING, ESPECIALLY IN MATERIALS LIKE CAST IRON THAT PRODUCE SHORT CHIPS. OFTEN REFERRED TO AS A "HAND TAP" DUE TO ITS COMMON MANUAL USE.

### STI (SCREW THREAD INSERT) TAPS

A SPECIALIZED TYPE OF TAP USED TO CREATE AN OVERSIZED THREAD IN A HOLE, SPECIFICALLY DESIGNED TO ACCOMMODATE A HELICAL-COIL SCREW THREAD INSERT. USED WHEN DEALING WITH MATERIALS THAT MIGHT HAVE WEAK THREADS OR WHERE HIGH STRESS IS ANTICIPATED ON THE FASTENER.

### PIPE TAPS

USED TO CUT INTERNAL THREADS IN PARTS OR FITTINGS THAT WILL BE MATED WITH THREADED PIPE OR FITTINGS TO MAKE A PRESSURE TIGHT JOINT. PIPE TAPS CAN BE USED WITH A VARIETY OF MATERIALS, INCLUDING ALUMINUM, BRASS, COPPER, AND STEEL.





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### COMBINATION DRILL & TAPS

· CREATES HOLES AND CUTS  
THREADS IN A SINGLE PASS AT HIGH  
SPEEDS. THEY ARE A TIME-SAVING  
TOOL THAT CAN BE USED ON A  
VARIETY OF MATERIALS, INCLUDING  
PLASTIC, ALUMINUM, AND MILD  
STEEL.

### EXTENSION, PULLEY & NUT TAPS

USED FOR DEEP HOLE DRILLING  
AND WHERE A LONGER REACH IS  
REQUIRED. EXTENSION TAPS HAVE  
LONG SHANKS AND ARE USED FOR  
GENERAL PURPOSE TAPPING  
APPLICATIONS.

### CUSTOMIZED TOOLS FOR YOU

LET DGI SUPPLY IDENTIFY THE RIGHT TAP FOR YOUR APPLICATION!

SCAN OR CLICK THE QR CODE AND CONTACT THE DGI SUPPLY TECHNICAL  
SOLUTIONS TEAM TODAY TO LEARN MORE ABOUT SPECIAL TOOLS!



## TAP TIP

### WHEN SELECTING A METAL CUTTING TAP, CONSIDER THESE FACTORS:

**Material Type:** Match the tap design to the material's hardness.

**Thread Type:** Ensure compatibility with required thread types (UNC, UNF, metric).

**Tap Design:** Choose between spiral point, spiral flute, or straight flute based on application.

**Tap Material:** Opt for durable materials like high-speed steel or cobalt.

**Coatings:** Look for coatings (TiN, TiCN, TiAlN) that enhance performance and longevity.

**Hole Type:** Identify if you are working with through holes or blind holes.

**Cutting Speed and Feed:** Ensure the tap suits your desired cutting speed and feed rate.

**Machine Capability:** Confirm your machinery can handle the tap size and conditions.