

On the Cutting Edge



The United States Cutting Tool Institute



USCTI
UNITED STATES CUTTING TOOL INSTITUTE



The United States Cutting Tool Institute is the premier trade association for manufacturers of cutting tools for the metalworking industry. The Institute recently expanded its by-laws to include any North American manufacturer and/or remanufacturer of cutting tools, as well as post-fabrication tool surface treatment providers. Members, which number over 80, belong to seven product divisions; Carbide Tooling, Drill & Reamer, Milling Cutter, PCD & PCBN, Tap & Die, Tool Holder and All Other Tooling. A wide range of activities include a comprehensive statistics program, human resources surveys and forums, development of product specifications and standards, and semi-annual meetings to share ideas and receive information on key industry trends.



Membership Advantages:

A Wealth of Information

By joining USCTI, you will benefit from a wealth of useful information on the cutting tool industry.

This information comes to you in the form of timely newsletters, bulletins, product specifications, and market data.

Institute activities, designed to benefit all members, include:

- The exchange of ideas and information between industry peers.
- Collection and dissemination of data on cutting tool production and sales.
- Promotion of advances in engineering and manufacturing techniques.
- Standardization of cutting tool sizes, dimensions and tolerances to assist end-users and manufacturers.
- Representation of the cutting tool industry in matters of business and national concern.

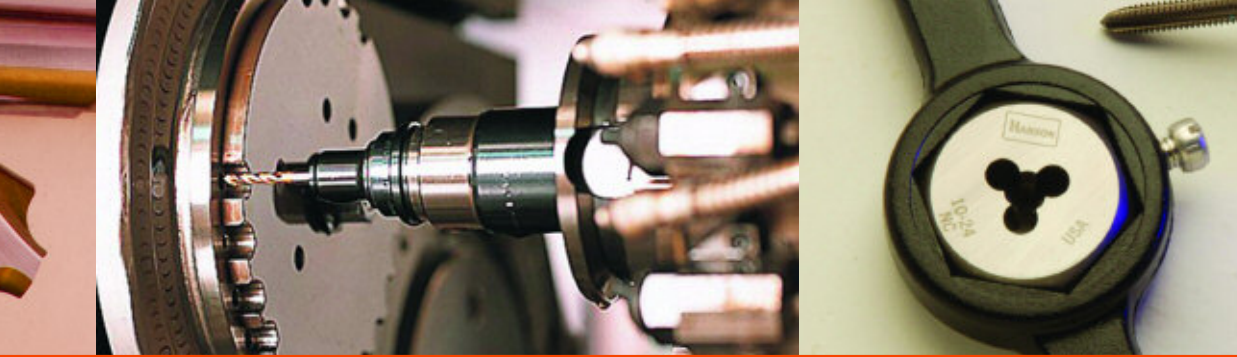
As a member of USCTI, you will have a unique opportunity to learn more about emerging technologies and industry trends, help develop product standards that impact your business, and participate in a variety of workshops and seminars on key business and industry issues.

Networking

As a member of USCTI, you'll share ideas and information with senior executives from the cutting tool industry's leading companies.

Our comprehensive Labor Relations Program allows you and your human resources manager to exchange information on key labor issues.

Other opportunities for interfacing with fellow members include USCTI's two national meetings, as well as several regional meetings held throughout the year. These meetings include panel discussions and presentations covering timely business issues such as machining trends, market forecasting, trademarks and patents, the internet, e-commerce, and environmental regulations.



Beneficial Statistics and Surveys

The Institute's statistics program provides valuable, accurate, and timely information. This information can be very helpful in assessing your company's strengths and weaknesses, as well as in spotting industry and business trends. Statistical information available through USCTI includes:

- **Product Line Statistics Report** – A detailed monthly analysis of cutting tool shipments by specific product types.
- **Current Business Report** – A composite indicator of members' incoming orders and monthly billings. This report also tracks billings per employee, shipments of coated tools, and the ratio of standards to specials.
- **Survey of Operating Ratios** – An annual look at key performance indicators.
- **Early Warning Forecast** – A quarterly economic forecast and a more specific cutting tool industry forecast.
- **Import/Export Report** – A quarterly summary of international cutting tool shipments.

Vital Personnel Information

USCTI's comprehensive Labor Relations Program includes labor relations meetings and updates on timely personnel issues, as well as two very valuable surveys specific to cutting tool companies:

- **Middle Management and Supervisory Salary Survey** – Information on annual salaries and bonuses for more than 40 positions.
- **Wage and Fringe Benefits Survey** – An annual compilation of wage rates and fringe benefits for hourly plant workers.

Promote Your Business to the World

USCTI provides an extremely valuable service to companies wishing to expand their exporting activities by hosting a pavilion during EMO. One of the largest metalworking trade shows in the world, EMO is held every two years in Hannover, Paris or Milan. This virtually turn-key arrangement provides USCTI members with access to the markets of Europe and beyond.

USCTI also hosted a pavilion during Metal Working China 2004. The sixth international metal working exhibition for China is held every two years in Shanghai.

In recent years, USCTI has developed an extremely valuable liaison with the European Cutting Tools Association. The first-ever World Conference for Manufacturers of Metal-

Cutting Tools held in April, 1998 resulted from this relationship. The World Conference is planned as a recurring industry event, bringing together top cutting tool executives from all corners of the globe.

The Institute also works with prominent trade publications to expand awareness of its activities and gain wider recognition for its members. Frequent news releases provide distributors and end-users with updated information on how the Institute's programs benefit them. All of these promotional efforts result in greater stature for the Institute and its members.

The Internet

USCTI's Web site offers another opportunity to promote your business. A comprehensive membership directory and product directory provide information about our members to anyone in the world. Hyperlinks to individual Web sites allow potential customers to obtain more details about each company.

Access to Valuable Technical Resources

Publication of important technical specifications is another vital function of USCTI. The Institute is recognized as a leading source of technical information on cutting tools.

The Institute maintains and distributes a comprehensive "Handbook of Specifications" covering standard sizes, dimensions and tolerances for drills, reamers, end mills, milling cutters, taps, dies and other types of cutting tools.

User-oriented booklets include "Standards and Dimensions for Ground Thread Taps," "Tolerances for Twist Drills and Reamers," "Drilled Holes for Tapping," and "Drilling Today's Materials."

The Institute's various technical committees contribute their extensive knowledge and expertise to the "Metal Cutting Tool Handbook," a comprehensive guide to the nomenclature, classification, and use of cutting tools.



How We Operate

The Institute is headed by a Board of Directors. The Directors elect a President, a Senior Vice-President and a Vice-President. An Executive Committee provides further direction. A Secretary/Treasurer is retained to manage the Institute's operations and finances.

Members have many opportunities to become involved in the Institute's operations through a network of committees. In addition, each product division maintains a technical committee to address standardization and engineering issues.

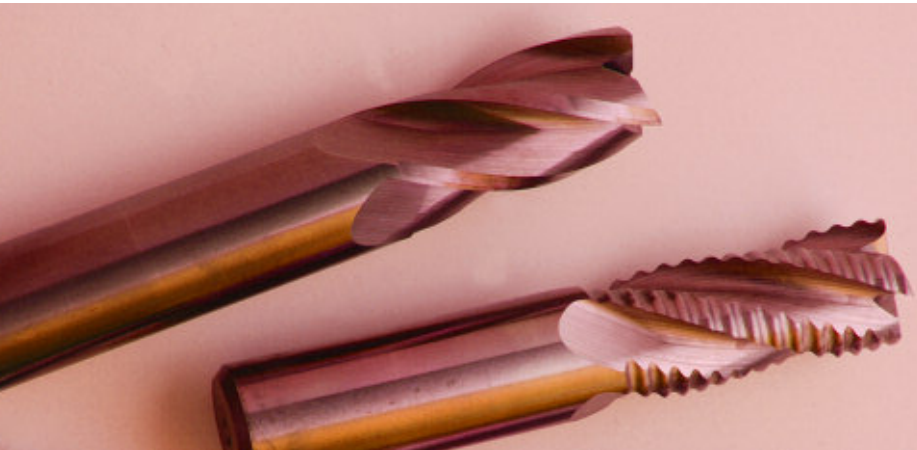
All Institute activities are closely monitored by legal counsel to ensure strict compliance with the antitrust laws.

How to Join

To become a member of USCTI, your company must be a business entity organized or legally qualified to do business in North America, a manufacturer and/or remanufacturer of cutting tools, or a post-fabrication tool surface treatment provider in North America.

Every full member has a vote, regardless of the size of the company; so all member companies have an equal say in elections and Institute elections and policy-making.

As for dues, USCTI follows the traditional principle of basing membership dues on company size. If you're interested in becoming a member, contact the Institute office for dues information.



Publications

The following publications are available from USCTI:

Drilled Holes for Tapping: A 24-page illustrated guide to the selection of drills for tapping. This booklet provides basic data on drilled holes for tapping and useful information on minor diameter, percentage of thread and probable size of drilled holes. *Members \$5.00. Non-members \$10.00.*

Handbook of Specifications: Covers dimensions and tolerances for various types of standard cutting tools including drills, reamers, milling cutters, end mills, taps, dies, and carbide tooling. The loose-leaf sheets allow for convenient updating of individual specifications. *Members \$25.00 (per section). Non-members \$35.00 (per section).*

Metal Cutting Tool Handbook: This 800-page book is a comprehensive reference for drills, reamers, counterbores, taps, dies, end mills, milling cutters, hobs, and gear shaving cutters. Engineering data is also included. The handbook provides tool nomenclature, and classifications, guidance on tool selection, use and maintenance, standard dimensions and tolerances. *Members \$42.95. Non-members \$48.90.*

Tolerances for Twist Drills and for Reamers: A guide on tolerances for specified dimensions and elements of twist drills, combined drills and counter sinks, and reamers. This 14-page booklet includes illustrations that identify the tolerance areas. *Members \$5.00. Non-members \$10.00.*

Drilling Today's Materials: A comprehensive reference to the selection and performance of twist drills. This 64-page illustrated manual discusses chip formation, chip removal, drill types, drilling characteristics of various product materials, speeds and feeds, drill sharpening and maintenance, and other areas relating to drills and drilling. The information is intended to aid the user of twist drills in securing increased benefits from his investment in tools for hole production. *Members \$5.00. Non-members \$10.00.*

Standards and Dimensions for Ground Thread Taps: This booklet is based on some of the most frequently used standards for ground thread taps. Various tap styles, nomenclature, identification, dimensions, and tolerance tables for ground thread taps are included. *Members \$5.00. Non-members \$10.00.*



For a membership application and/or more information about USCTI, please contact us at:

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