



The Leading
Global Supplier
Of Thread
Rolling Dies

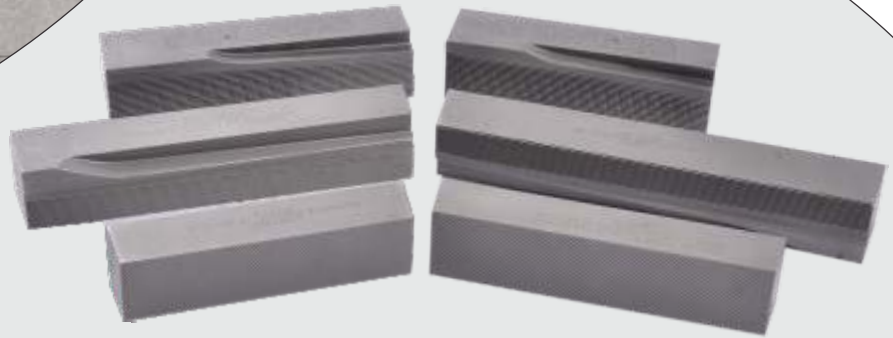


About Kadimi

Leading global supplier of Thread Rolling dies offering a comprehensive range of products and services to the Automotive and Industrial Fastener Manufacturers World Wide.

Committed to maintain our leadership by providing unmatched product quality, technological innovation and superior customer service, resulting in the low cost per piece for our customers.

Our manufacturing facility combines the latest CNC machining technology with the traditional craftsmanship of a skilled and dedicated workforce. Investment in new equipment and Skill-up is part of our ongoing philosophy to exceed customer expectations.



- Established since 1988.
- Integrated In-house manufacturing facility
- Manufacturers of Flat Milled and Flat Ground Dies.
- **Key Markets** : U.S., Europe, Japan, Taiwan, China, Brazil, India, Korea, Turkey etc.
- Special Surface treatment for enhanced tool life
- Production Size Range - #000 (45/39/12 mm) to 1000D (550/495/56 mm) upto 168 mm Face width.



Integrated in - house Manufacturing



Kadimi commitment to customer service includes a fully comprehensive technical support programme. Our in-depth knowledge of threading tools, how they are made and the machines they are used on, is a highly valued resource and freely accessible to customers world-wide. Modern plant is set-up for Manufacturing and supply of Thread Rolling dies.

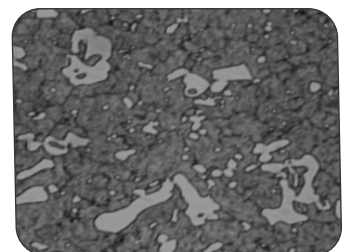
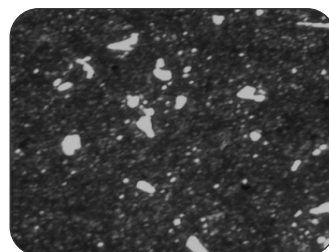
Quality & Customer Service



Kadimi utilizes sophisticated technology in a fully integrated manufacturing operation having CNC machine tools, In-house heat treatment and have developed highly specialised operations for the production of Thread rolling dies.

Kadimi tooling solutions are inspected and validated through our Quality Systems from receipt of customer order to delivery of product, supported by prompt after sale service.

Our team effort exceed customer and industry standards in terms of compliance, performance and reliability.



Standard & Licensed Thread Roll Dies



STRUX®

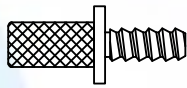


P-Point Mathread®

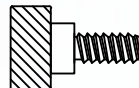
MATPoint®

VS Point MATPoint®

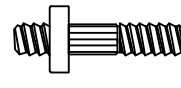
Knurl Applications



Diamond Knurling



Diagonal Knurling



Straight Knurling



Exrude-Tite®



Powerlok®



Plastite®



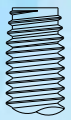
Duo Taptite®



Ejot PT®



Ejot Delta PT®



Taptite II®



Taptite 2000®
CA Cut off



Taptite 2000®
CA Non Cut off



Taptite 2000®

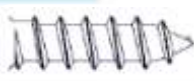


Ejot Duro PT®



Ejot PT® Type DG

Standard Fasteners :



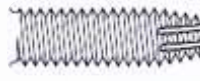
Type A



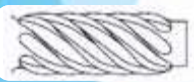
Type B



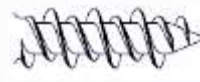
Type AB



Type F



Type U



Hi Lo Screw



VA



Type BF

Special Products:

- Straightening Dies
- Paint Scraper Dies
- AHT Plus for Rolling after Heat Treatment

Special Designs :



Ogival Screw
(Radial Point)

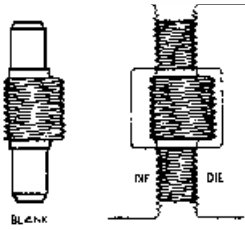


Hose Clamp Screw

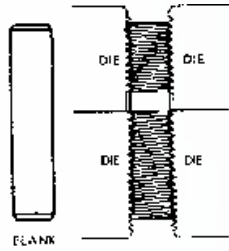


Cone Point

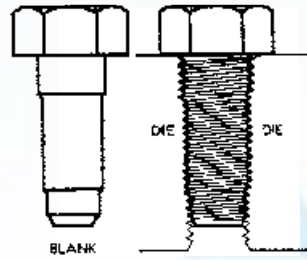
Typical Thread and Form Rolling Applications using Kadimi Dies



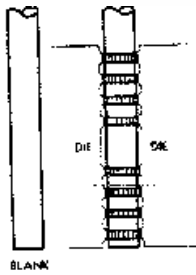
Rolling Threads on Both Ends of Part with Eccentric Body



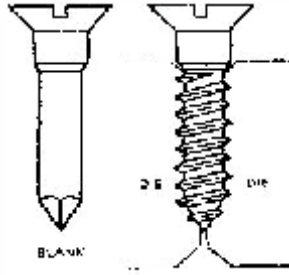
Rolling of Right and Left Hand Thread at Same Time



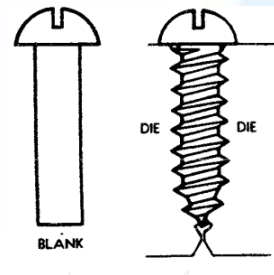
Rolling Multi-Step Threads



Multiple Band Knurling

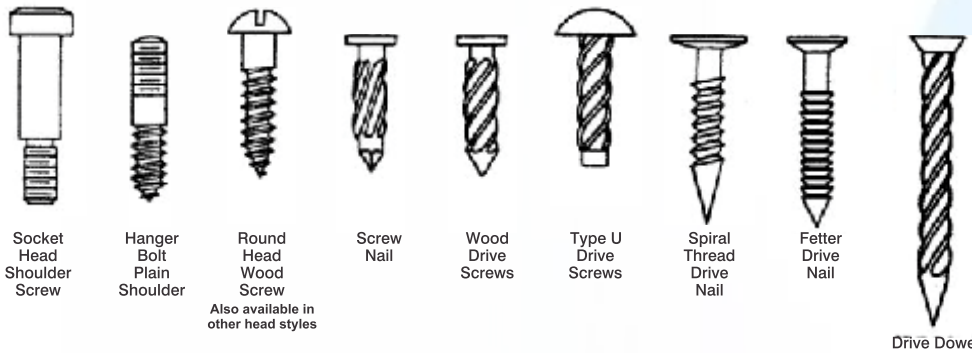


Rolling Threads on Wood Screws



Rolling Threads on Type A Screws

Miscellaneous Screws, Bolts, Nails and Dowels



Socket Head Shoulder Screw

Hanger Bolt Plain Shoulder

Round Head Wood Screw

Also available in other head styles

Screw Nail

Wood Drive Screws

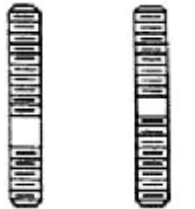
Type U Drive Screws

Spiral Thread Drive Nail

Fetter Drive Nail

Drive Dowel

Studs

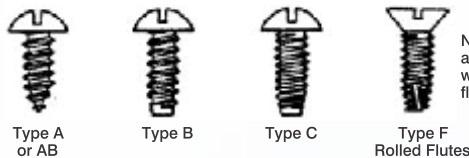


Tap End

Double End

Tapping Screws

Available in other head styles as well as those shown



Type A or AB

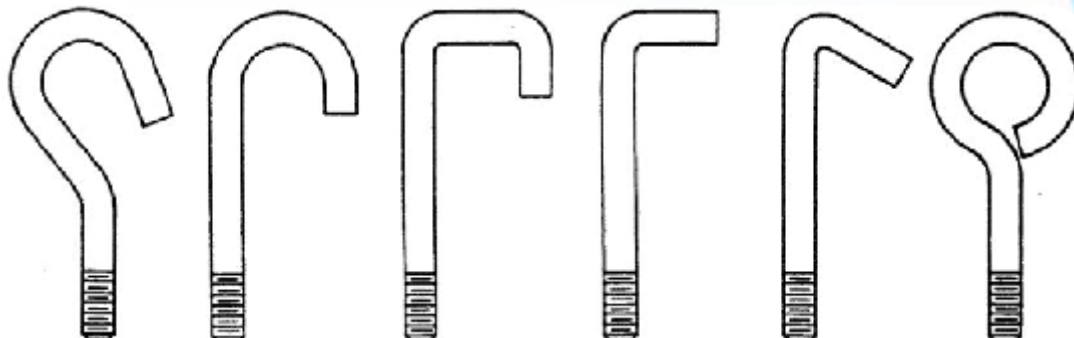
Type B

Type C

Type F Rolled Flutes

Note: Types D and G are same as Type C with the addition of cut flutes on the points.

Bent Bolts



Hook Bolt, Round Bend

J Bolt

Hook Bolt, Square Bend

Hook Bolt, Right Angle Bend

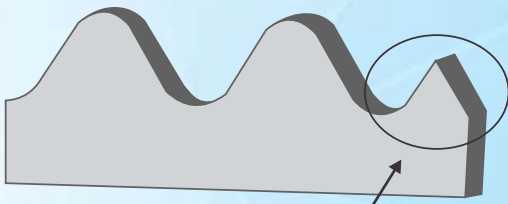
Hook Bolt, Special

Eye Bolt, Closed

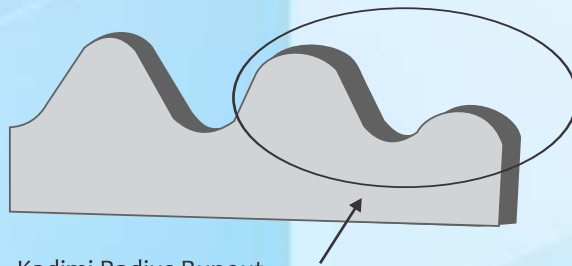
Kadimi Thread Rolling Die Features

- Special LF Dies for lap free rolling
- Kadimi Classic profile Dies for rolling "AHT", SS & exotic materials .
- Controlled Radius Run - out (RRO).
- Highest tolerance specifications for repeatability and ease of set-up.
- Leaders in Special and Licensed Die technology.
- Optimized roll - forming designs using finite element analysis.
- Widest range of materials and surface treatments to suit your application.
- Die with Lift Holes for ease of handling

RRO : Radius Run Out



Conventional Thread Runout Sharp corners generate potential fatigue failure areas



Kadimi Radius Runout
The Radius distributes evenly thus increasing fatigue resistance in an area of the screw where failure is most likely to occur



Flat thread rolling dies with sharp corners on the run out threads generates stress concentration areas which result in fatigue cracks in the thread rolled screw. With the Radius Run-Out (RRO) offered by Kadimi, the smooth radius in the root of the thread continues right up to the point where the thread blends in the shank of the screw. This Radius Run Out was designed for rolling high strength aerospace bolts, however, it is available for all Kadimi Tool dies.

LF Technology

Our LF dies are developed to roll the best quality fasteners without modifying any of the processes (e.g. blank preparation and machine operation) in controlling manufacturing variables to yield lap-free thread fasteners.

LF Technology

- Helps maintain production rates and m/c speeds - Rolling critical/ hard material fasteners.
- Enhances control of Grain flow; No other thread rolling dies in the world has this capability.
- Improves physical characteristics of the fastener, the smoother surface finish and rolled fasteners stronger in fatigue, shear and tensile strength.



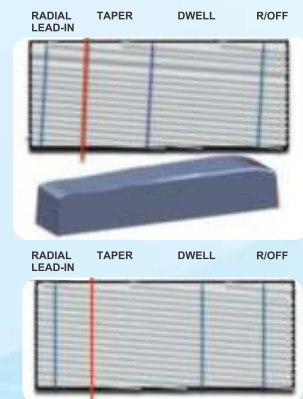
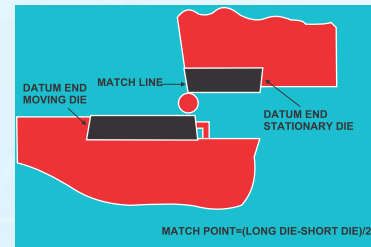
WE ALSO OFFER

Advantages of Kadimi Thread Rolling Dies

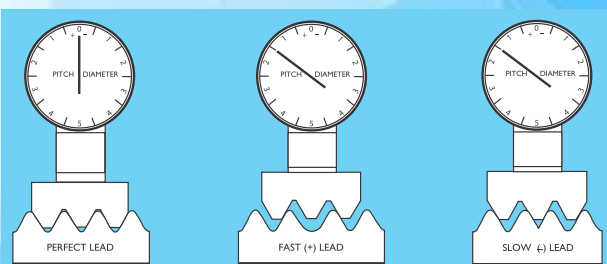
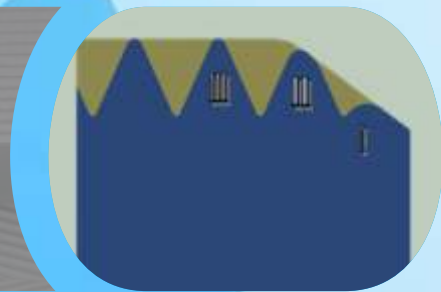
Longer Tool Life & Reduced Threading Costs per piece. Kadimi Thread Rolling Dies give longer tool life which results in lower cost per piece for the customers.

Installation is made easy because of the accuracy of Kadimi dies which are made to closely controlled limits of tolerances to ensure making perfect contact with the screw blank to be rolled.

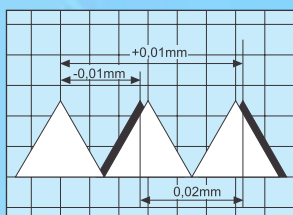
Reduced setup time, minimised shimming, elimination of drunkenness and extended die life



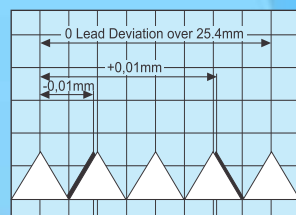
Produce a Better, Smoother Thread: The well blended radii Kadimi dies allow the metal of the part being formed to flow more easily and produce a better, smoother thread.



Lead deviation, fast or slow, increases pitch diameter.



They add.



There may be deviation within this measurement.

Increased Fatigue Resistance due to radius runout (RRO) offered by Kadimi . With this well blended radius, a better and smoother thread is produced.

Consistent Accuracy on threaded parts is guaranteed with Kadimi Thread Rolling Dies which are held to extremely close tolerances.



Global Presence

Key Markets :

U.S., Europe, Japan, Taiwan, China, Brazil,
India, Korea, Turkey



Established & Certified Quality Systems.



KADIMI TOOL MFG. CO. PVT. LTD.

118, Udyog Vihar, Phase-1

Dundahera, Gurugram - 122016, Haryana, India (Near Delhi)

Mob: +91-9810515507/ 9811508749

e-mail: asharma@kadimitool.com, snath@kadimi.net, info@kadimitool.com

www.kadimitool.com

