



# Screw Repair and Refurbishing Services

## A FULL RANGE OF SCREW ENHANCEMENTS

**“Don’t ever trash a screw without first checking with IMS!”**

***We can salvage most worn or damaged screws  
AND save you a lot of money in the process***

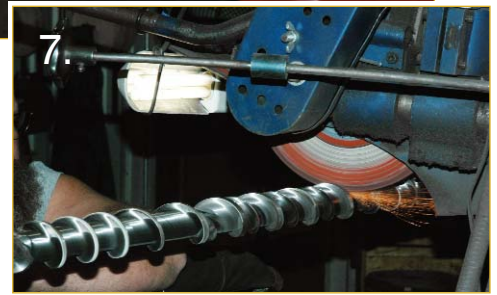
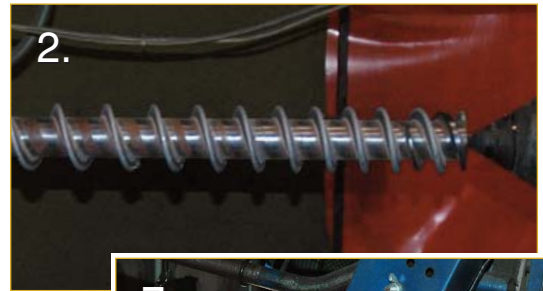
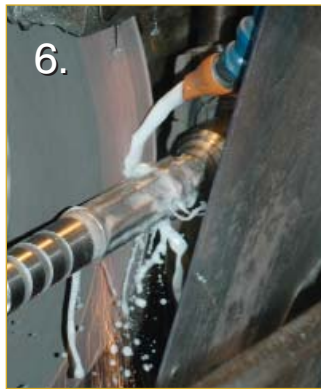
All work is done on state-of-the-art equipment by machinists with over **117** years of combined experience

**BEFORE**



### ★ Screw Rebuilding Steps:

1. Strip off any plating
2. Weld undersized or damaged flights
3. Straighten screw
4. Grind O.D. to size
5. Mill welded flights
6. Grind welded bearing diameter
7. Polish flights
8. Chrome plate
9. Inspect



**AFTER**

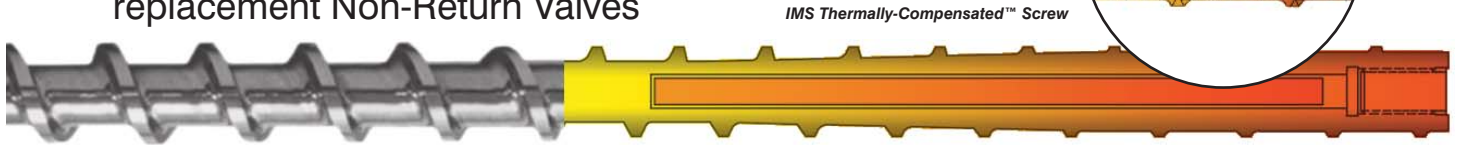


- **Contact an IMS Technical Sales/Service Representative** for a Return Authorization (RA) Number BEFORE shipping screws to IMS Company for repair.
- Ship your worn or damaged screws as Class 85 Machine Parts to: **IMS Company, 10373 Stafford Road, Chagrin Falls, OH 44023.**
- You will receive an inspection report covering repair cost and delivery dates.
- If you authorize a screw repair, there is no charge for the inspection.
- If you decide not to repair or replace the screw, you will be billed for the out-of-pocket costs incurred in handling and inspecting. *NOTE: You will save money if your crate is reusable.*

**See next page for Optional Modifications, New, OEM Replacement and Made-To-Order Screws**

## ★ Optional Screw Modifications

1. Re-cut and sandblast feed zone flights for better feeding
2. Re-cut screw and deepen flights for improved throughput
3. Install thermal insert (illustrated) to transfer excess front-end heat back to the transition zone
4. Replace worn out valves with IMS tool steel replacement Non-Return Valves



## ★ New, OEM Replacement Screws

If your screw is beyond feasible repair, **IMS stocks several popular models of New OEM-design reciprocating screws.** If what you need is not in stock, you will be quoted a price & delivery of a replacement screw. Typical STOCK models include, but are not limited to: Arburg, Cincinnati, JSW, Kawaguchi, Nissei, Toshiba & Van Dorn.



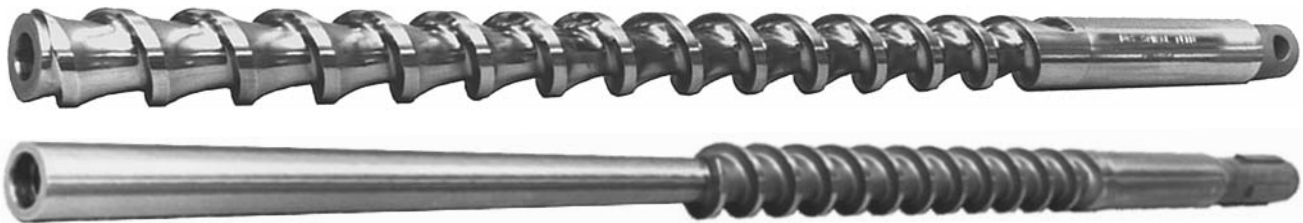
## ★ Custom Designed Screws

IMS can also quickly design, manufacture and ship custom screws. A full range of steels and hard facing treatments on screw flights are available to suit most any application.



## ★ IMS Exclusive SPIRAL™-Flighted and Flite-less® Screws

These unique screws, available only from IMS, are specially designed to help you produce strain-free, dimensionally stable parts – fewer rejects.



For more information go to: [www.imscompany.com/FeedScrews.htm](http://www.imscompany.com/FeedScrews.htm)

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IMS also designs, builds and repairs **BARRELS**, **END CAPS** and **NOW TIE BARS** – **INQUIRE!**