



Impact Ireland <Metals> Ltd. has been appointed as the exclusive sales agent and distributor of precision bar products to the medical device market in the Republic of Ireland and the United Kingdom for Boston Centerless.

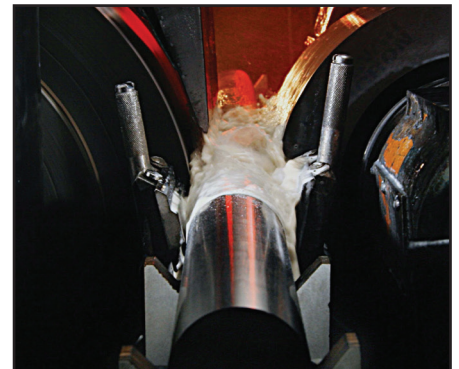
Since 1958, Boston Centerless has been known as the proven and trusted leader in the manufacturing and distribution of precision bar materials. Today, Boston Centerless not only remains the best precision bar supplier in the world, but they have expanded their capabilities and service offering to bring a whole new level of value to their customers.

## AccuRod® Precision Bar

Boston Centerless supplies AccuRod® precision ground bar materials for close tolerance machining applications. With over 30 thru-feed centerless grinders, we have the capacity to provide fast lead times and handle large volume contracts. Boston Centerless provides the most consistent diameter tolerance, roundness and straightness in the industry. They supply stainless steel, medical alloys, titanium, alloy and carbon steels, plastics and more.

### Customer Benefits from AccuRod®

- Manufactured with premium alloys for superior machinability
- Dual chamfered ends – to facilitate bar feeding
- Maximize operator productivity – enables operator to run multiple machines
- Consistently higher quality finished components
- Less scrap / rework
- Improved material yields
- Longer tool life
- Less machine downtime
- Lights-out manufacturing



### Dimensional and Tolerance Capabilities

	12 ft. Bars	Cut-lengths
Diameters:	.040 to 3.00"	.005" to 3.00"
Diameter Tolerances:	to .0001"	to .000040" (40 millionths)
Roundness:	to .000020" (20 millionths)	to .000020" (20 millionths)
Straightness:	to .003" per ft.	to .0005" per ft.
Surface Finish:	to 8 Ra	to 2 Ra



**IMPACT IRELAND <METALS> LTD**  
**Engineering Steel Stockist**

STAINLESS STEELS - NICKEL ALLOYS - ALUMINIUM - ENGINEERING PLASTICS - ENGINEERING STEELS

EXCLUSIVE DISTRIBUTOR IN IRELAND & THE UK FOR BOSTON CENTERLESS

Visit us at [www.impactirl.ie](http://www.impactirl.ie)

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## Implantable and Instrument Grade Materials

Boston Centerless supplies material to just about every segment of the Medical Device industry from Spine and Trauma, to Orthopedic and Dental - they have it all!

Typical applications include:

- Bone Screws
- Intramedullary Nails
- Fixation Pins
- External Fixations
- Dental Implants
- Cutting Tools & Scrapers

The following list of materials are the most commonly sourced from our Medical Device customer base:

### Implantable Grade Materials from .031" through 3.00" O.D.

CoCrMo Alloy	ASTM F1537
Ti 6AL-4V ELI	ASTM F136
L605	AMS 5537,AMS 5796
316LS/LVM Implant Quality F 138	ASTM F138
22Cr-13Ni-5Mn Stainless	AMS 5764C
MP35N	AMS 5844,AMS 5845



### Instrument Grade Materials from .031" through 3.00" O.D.

BioDur® TrimRite® Stainless	ASTM A276
Custom 455® Stainless	AMS 5617,ASTM A693
Custom 465® Stainless	AMS 5936,ASTM A693
Stainless 17-4 PH Type 630	ASTM A693, Grade 630 & A564
Stainless 17-4 PH Cond. H900	ASTM A693, Grade 630 & A564
303 Stainless	ASTM A582,AMS 5640
304 Stainless	ASTM A276
416 Cond. H (Rc 32-38) Stainless	ASTM A582
420 Stainless	ASTM A276
420 Modified	Per customer requirement
440A Stainless	ASTM A276
440C Stainless	ASTM A276

BioDur,TrimRite, Custom 455 and Custom 465 are registered trademarks of CRS Holdings, Inc., a subsidiary of Carpenter Technology Corporation.

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