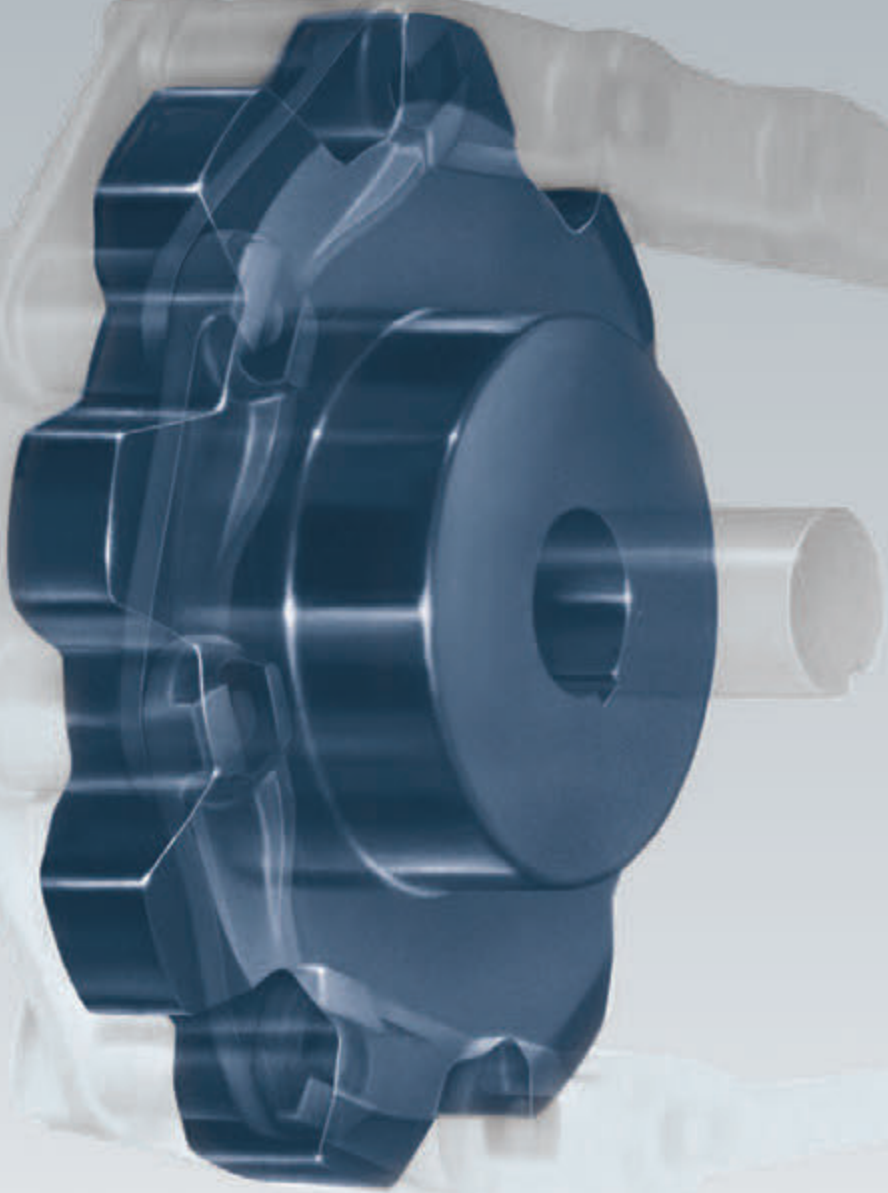


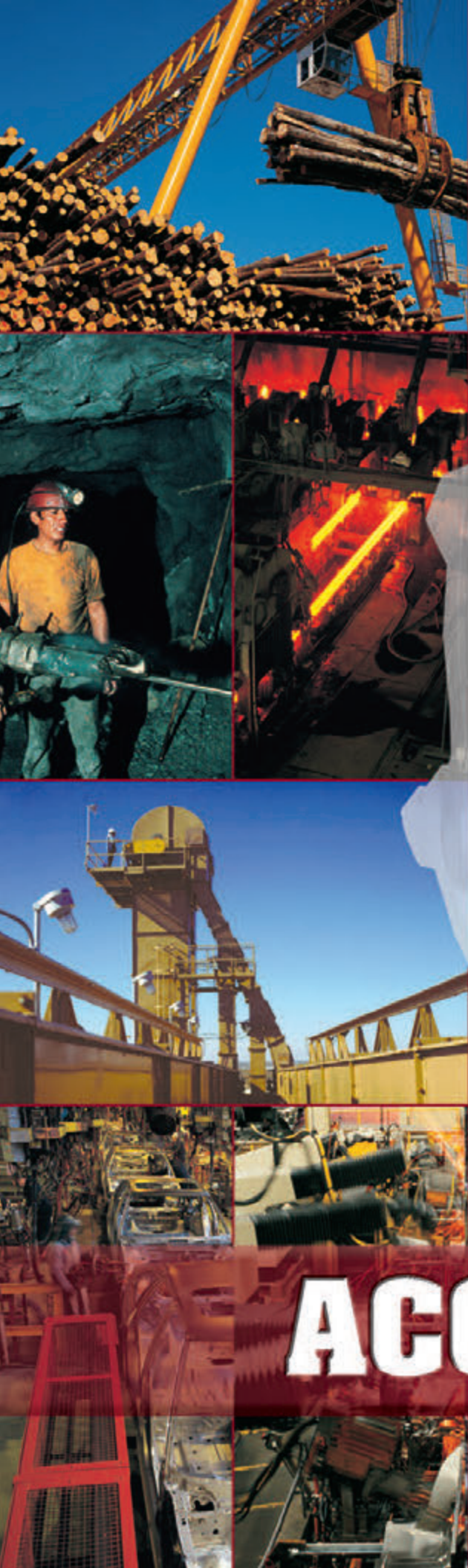
*Martin*



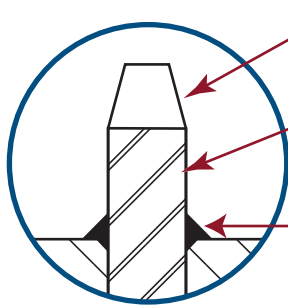
**bored-to-size**

**ACCU-TORCH®**

**sprockets**



# Stock Bored-to-Size Accu-Torch Sprockets



*Martin* Accu-Torch sprockets have machine chamfered teeth for proper chain engagement.

*Martin* uses high carbon steel of North American origin.

- Finer grain structure
- Higher tensile strength
- Long life

*Martin* welds are consistent, penetrate the plate and hub and exceed industry norms.

## 78 Type C - 2.609" Pitch

**Plate Thickness 7/8" • Roller Diameter 7/8" • Conveyor Style Tooth Form**

Used with Chain Sizes: 78, H74, 75, H75, H78, H78RT, H78SR, H79, 88, 188, S188, S78, R588, RR588, R778, RR778, 988, IS880, 87R, IS881, 81X, IS882, 433 1/2, LXS881, LXS886, US881, LXS887, LXS882, 488, XS578, SS188, C188, US278R, US882, 578R, 588R

Part Number	Pitch Diameter	Approximate Wt. Lbs.	Stock Finished Bores - Includes Keyway & 2 Setscrews						List Price	
78CS8	6.82"	21	1-7/16	1-15/16	2	2-3/16	2-7/16	2-15/16	\$ 302.70	
78CS9	7.63"	29	1-7/16	1-15/16	2	2-3/16	2-7/16	2-15/16	376.20	
78CS10	8.44"	31	1-7/16	1-15/16	2	2-3/16	2-7/16	2-15/16	3-7/16*	396.20
78CS11	9.26"	34		1-15/16	2	2-3/16	2-7/16	2-15/16	3-7/16*	418.40
78CS12	10.08"	37		1-15/16	2	2-3/16	2-7/16	2-15/16	3-7/16*	442.20
78CS13	10.90"	46		1-15/16		2-3/16	2-7/16	2-15/16	3-7/16*	511.40
78CS14	11.72"	49		1-15/16		2-3/16	2-7/16	2-15/16	3-7/16*	557.80

## 82 Type C - 3.075" Pitch

**Plate Thickness 1-1/8" • Roller Diameter 1-7/32" • Conveyor Style Tooth Form**

Used with Chain Sizes: H82, WH82, WR82, 103, 131, S131, WS82, WS82H, SS131, 527R, 527RX, C9103, 6131, 4103, C131, 382

Part Number	Pitch Diameter	Approximate Wt. Lbs.	Stock Finished Bores - Includes Keyway & 2 Setscrews				List Price
82CS10	9.95"	43			2-7/16	2-15/16	\$ 567.60
82CS11	10.91"	54			2-7/16	2-15/16	605.40
82CS12	11.88"	60			2-7/16	2-15/16	648.60

## 124 Type C - 4.000" Pitch

**Plate Thickness 1-1/2" • Roller Diameter 1-1/2" • Conveyor Style Tooth Form**

Used with Chain Sizes: H124, W124, WS124, WR124, WH124

Part Number	Pitch Diameter	Approximate Wt. Lbs.	Stock Finished Bores - Includes Keyway & 2 Setscrews				List Price
124CS9	11.70"	70	2-3/16	2-7/16	2-15/16		\$ 764.90
124CS10	12.94"	79		2-7/16	2-15/16	3-7/16	851.30
124CS11	14.20"	95			2-15/16	3-7/16	975.70
124CS12	15.45"	107			2-15/16	3-7/16	1,078.40

Please contact *Martin* if Hub OD and Length Thru Bore dimensions are critical.

\* These parts have setscrews at 90 degrees and 180 degrees instead of over keyway and 90 degrees.

# *Martin* Mill and Engineered Class Sprockets



## FEATURE

- We use approximately 80% of inside width of chain or 85% of chain roller width to determine the plate thickness on our Accu-Torch sprockets.
- Teeth are machined chamfered.
- Sprockets held in lathe by outside diameter during boring.

## MANUFACTURING

### FUNCTION

- Increases surface contact on roller.
- Smoother engaging and disengaging of roller/barrel in tooth pocket.
- Bore is concentric to pitch line.

### BENEFIT

- Longer chain life.
- Longer sprocket life.
- Downtime reduced.
- Revenue increased.

## MATERIAL

### FEATURE

- 1040 steel
- High carbon content
- Fine grain structure
- Balanced chemical composition

### FUNCTION

- Produces high tensile and yield strength.
- Combines strength, ductility, and consistent depth of effective hardness zone.

### BENEFIT

- Longer sprocket life.
- Enhanced chain performance.
- More secure fit on shaft.

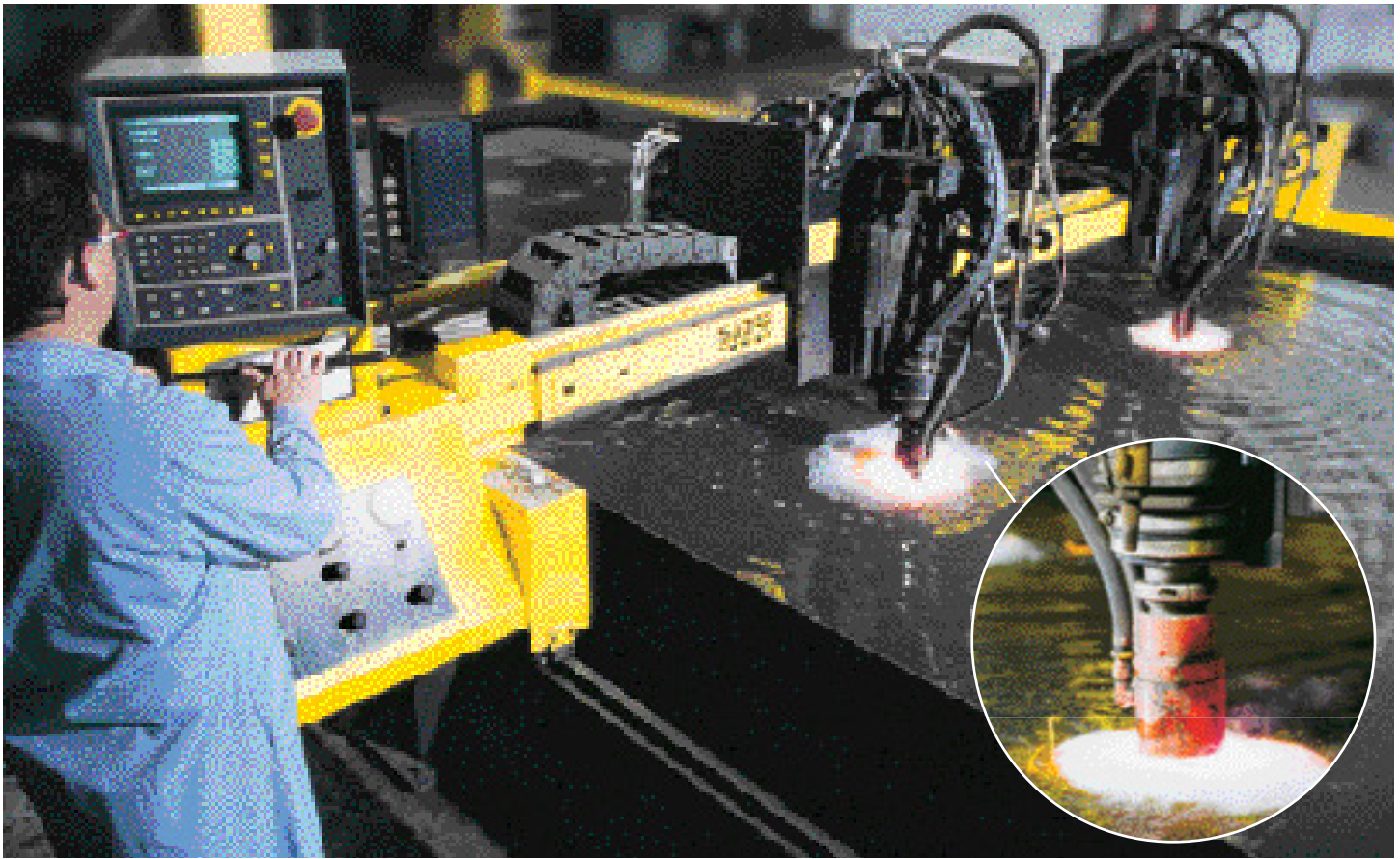
**Additional *Martin* Accu-Torch Sprockets stocked for:** 62, 78, 81X, 1568, 1030, 82, 238, 124, 1240, 635, 1207, 132.

**Also readily available from *Martin*:** 130, 138, 378, 458, 678, 698, 998, CC5, 720S, 3500, 102B, 102<sup>1/2</sup>, C110, 104, 110, 111, 480, and others too numerous to list.

***Martin* offers MTO and Altered Sprockets for Mill and Engineered Class Chains:**

- |                   |                  |  |                       |
|-------------------|------------------|--|-----------------------|
| • Hardened Teeth  | • Split          | • Spline Bore                                | • Traction Wheels     |
| • Shear Pin       | • Bearing Idlers | • Adjustable Split                           | • QD, TB & MST Bushed |
| • Nylatron Bushed | • Mud Relief     | • Segmental Hubs                             |                       |
| • Split & Bushed  | • Detachable Rim | • Chain Saver Rims                           |                       |
| • Bronze Bushed   | • UHMW Bushed    | • Special Tooth Relief for Chain Attachments |                       |

**SAME DAY / NEXT DAY ALTERATIONS! • MTO'S IN DAYS NOT WEEKS!**



*Trained machine operator cuts sprockets with incredible accuracy on one of the many specially designed burn tables **Martin** uses in the manufacture of Accu-Torch sprockets. Anyone can burn a shape, **Martin** makes sprockets!*

## USA

### Corporate Offices Sales & Manufacturing

**Arlington, TX**  
817-258-3000 (FAX 817-258-3333)

**Regional Manufacturing Plants**  
**Albemarle, NC (Conveyor Pulley Div.)**  
704-982-9555 • (FAX 704-982-9599)

**Danielsville, PA**  
610-837-1841 (FAX 610-837-7337)

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**Ft. Worth, TX (Tool & Forge Div.)**  
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**Sacramento, CA**  
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**Scottsdale, GA**  
404-292-8744 (FAX 404-292-7771)

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**Tampa, FL**  
813-623-1705 (FAX 813-626-8953)

**Wayne, NJ**  
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**Edmonton, Alberta**  
780-450-0888 (Fax 780-465-0079)  
**Mississauga, Ontario**  
905-670-1991 (FAX 905-670-2110)

## MEXICO

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**S.A. de C.V.**

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**Guadalajara**  
+52 33-3283-1188

**Toluca, Edo. de México**  
+52 722 276 0800

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**Martin Sprocket & Gear do Brazil**  
**São Paulo, Brazil**  
55 19 3877 9400

**Martin** SPROCKET & GEAR, INC. • 3100 SPROCKET DR. • ARLINGTON, TX 76015 • 817-258-3000 • www.martinsprocket.com

For more information, contact your nearest **Martin** Distributor or Service Center.