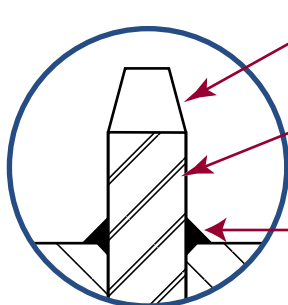




# Stock Bored-to-Size Accu-Torch Sprockets



*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

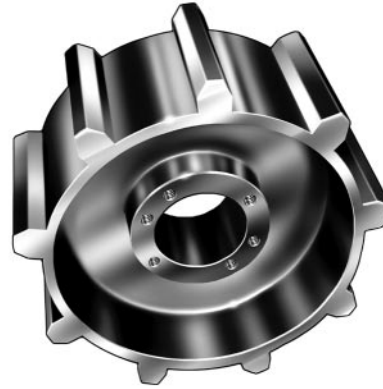
Used with Chain Sizes: H124, W124, WS124, WR124, WH124

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.

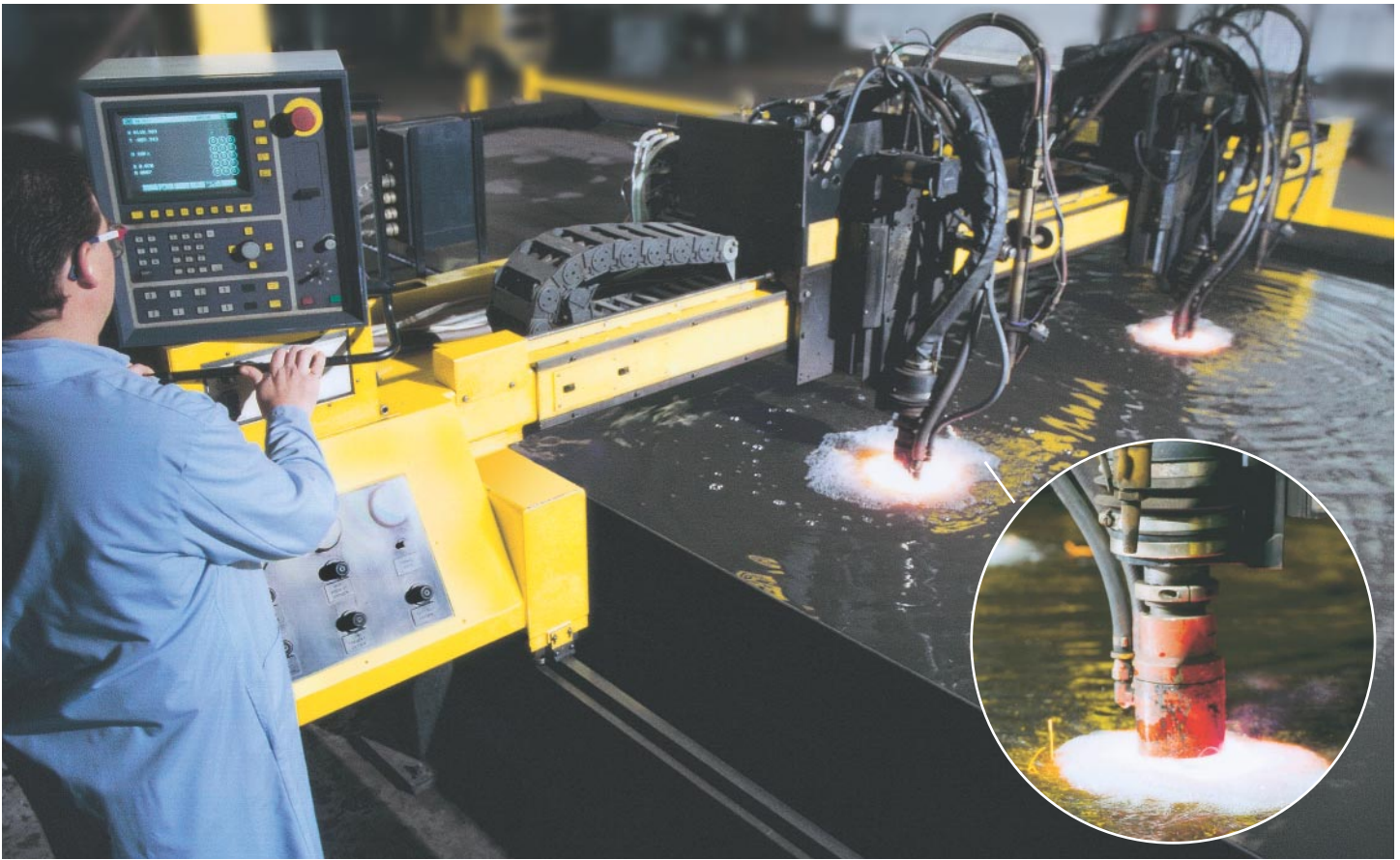
Additional *Martin* Accu-Torch Sprockets stocked for: 62, 78, 81X, 1568, 1030, 82, 238, 124, 1240, 635, 1207, 132.

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

### General Offices Sales and Manufacturing

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

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

**Ft. Worth, TX (Conveyor Division)**  
817-258-3000 (FAX 817-258-3173)

**Mansfield, TX**  
817-473-1520 (FAX 817-473-0465)

**Montpelier, OH**  
419-485-5515 (FAX 419-485-3565)

**Sacramento, CA**  
916-441-7172 (FAX 916-441-4600)

**Scottsdale, GA**  
404-292-8744 (FAX 404-292-7771)

**Ft. Worth, TX (Tool & Forge Division)**  
817-258-3000 (FAX 817-258-3173)

## Mini Manufacturing Centers

**Boston, MA**  
508-634-3990 (FAX 508-634-3998)

**Charlotte, NC**  
704-394-9111 (FAX 704-394-9122)

**Chicago, IL**  
847-298-8844 (FAX 847-298-2967)

**Denver, CO**  
303-371-8466 (FAX 303-371-7116)

**Detroit, MI**  
734-367-0238 (FAX 734-367-0547)

**Houston, TX**  
713-849-4330 (FAX 713-849-4807)

**Kansas City, MO**  
816-231-5575 (FAX 816-231-1959)

**Los Angeles, CA**  
323-728-8117 (FAX 323-722-7526)

**Minneapolis, MN**  
952-829-0623 (FAX 952-944-9385)

**Portland, OR**  
503-223-7261 (FAX 503-221-0203)

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

**Wayne, NJ**  
973-633-5700 (FAX 973-633-7196)

## Manufacturing Only

**Abilene, TX**  
**Clarksville, TX**  
**Dallas, TX**  
**Paragould, AR (Includes the Plastics Div.)**

## CANADA

### Sales and Manufacturing

**Martin Sprocket & Gear Canada Inc.**  
Mississauga, Ontario, Canada L5T 1R9  
905-670-1991 (FAX 905-670-2110)

**Martin Sprocket & Gear Canada Inc.  
(Conveyor Division)**  
Ayr, Ontario 519-621-0546 (FAX 519-621-4413)

## MEXICO

### Sales and Manufacturing

**Martin Sprocket & Gear de Mexico,  
S.A. de C.V.**  
011527222790023 (FAX 011527222790024)



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.