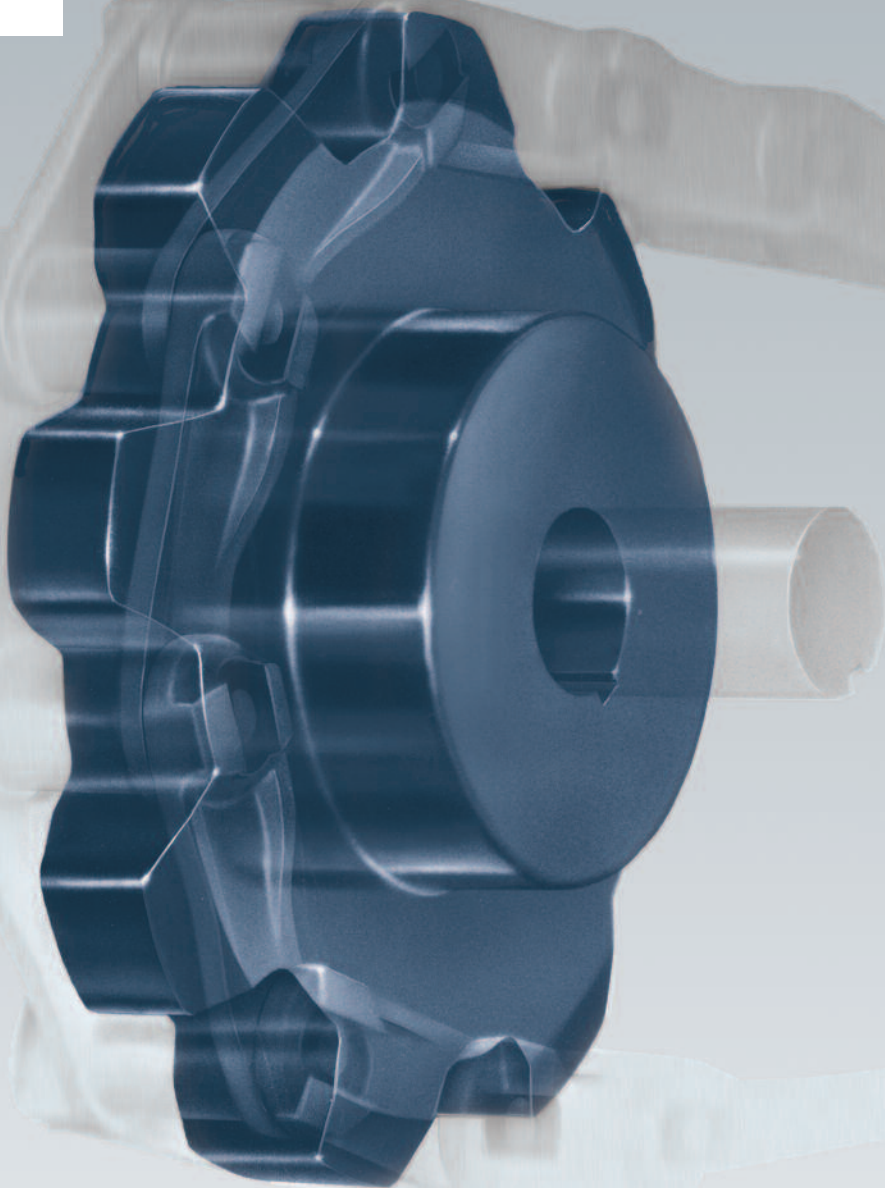




**INDUSTRIAL
BELTING &
TRANSMISSION, INC.**

4061 McCollum Court
Louisville, KY 40218
(800)-264-2358

Martin



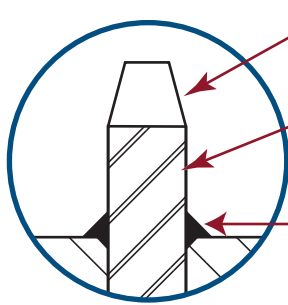
bored-to-size

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

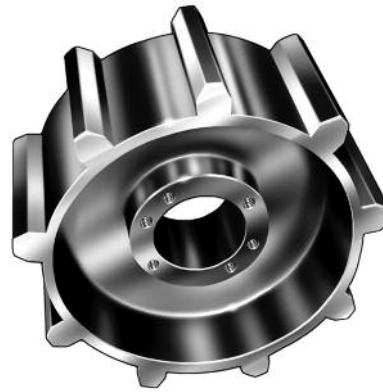
Used with Chain Sizes: H124, W124, WS124, WR124, WH124

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



MANUFACTURING

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.

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.

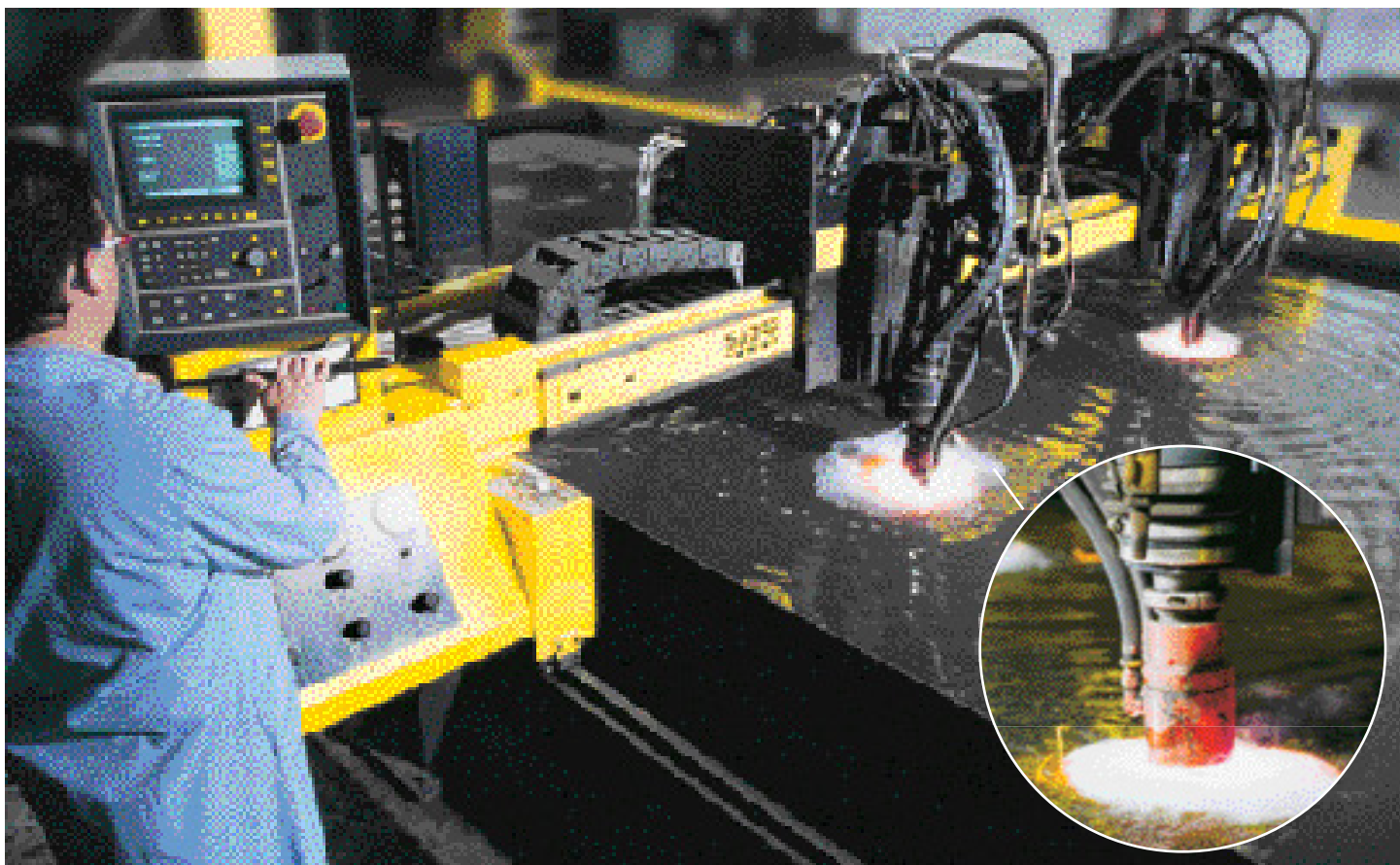
Additional *Martin* Accu-Torch Sprockets stocked for: 62, 78, 81X, 1568, 1030, 82, 238, 124, 1240, 635, 1207, 132.

Also readily available from *Martin*: 130, 138, 378, 458, 678, 698, 998, CC5, 720S, 3500, 102B, 102¹/₂, 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!**

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Ft. Worth, TX (Conveyor Div.)

817-258-3000 (FAX 817-258-3173)

Ft. Worth, TX (Tool & Forge Div.)

817-258-3000 (FAX 817-258-3173)

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Mississauga, Ontario

905-670-1991 (FAX 905-670-2110)

MEXICO

Sales and Manufacturing

Martin Sprocket & Gear de Mexico, S.A. de C.V.

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Guadalajara

+52 33-3283-1188

Toluca, Edo. de México

+52 722 276 0800

SOUTH AMERICA

Sales and Manufacturing

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.