

# Martin

## MPC® SYNCHRONOUS SPROCKETS

Direct drop-in for most popular tooth profile

MPC® Synchronous Sprockets



- Available from stock from over 30 *Martin* locations throughout North America
- MTOs in days not weeks:
  - » QD bushed
  - » MST® bushed
  - » Finished bore
  - » Stainless steel
  - » Aluminum
  - » And more...

*Martin's* MPC® Sprockets are manufactured in various sizes, dimensions and capacities to meet a variety of industrial requirements. These include a wide range of loads, speeds, and demanding applications such as blowers, conveyors, pumps and mixers.

### Synchronous drives are used:

- when an industrial application necessitates carrying more torque or horsepower
- to avoid the risk of expensive downtime and routine maintenance costs
- to reduce the overall size of the drive system
- with wash-down applications for food processing and beverage facilities utilizing stainless steel sprockets and bushings
- as replacement for roller chain drive systems in order to eliminate the need for lubrication
- as OEM replacement and engineered systems



- *Martin* MPC® Sprockets and *Martin* Taper-Bushed bushings offer product consistency for all applications
- Stocked either with reboreable minimum plain bores or taper-bushed
- Available made-to-order with a QD style bushing or other adapters

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# MPC® Synchronous Sprocket



**CONVEYING**

- Over 350 MPC® SKUs on the shelf
- Stocked in TB and Minimum Plain Bore
- Finished bore, QD, Stainless Steel, Aluminum all available in Made-to-Order
- Includes Air-Cooled Heat Exchanger Style Sprockets in Stock
- Compatible with most major belt manufacturers including: OptiBelt Delta Chain®, Carlisle Panther XT®, Jason Platinum®, Gates Poly Chain®, Conti Synchrochain Carbon®



**FOOD AND BEVERAGE**



**AIR-COOLED HEAT EXCHANGER**

## NOMENCLATURE

|  |                   |                                      |                                       |  |
|--|-------------------|--------------------------------------|---------------------------------------|--|
| <b>F</b>   | <b>8MX</b>        | <b>22S</b>                           | <b>12 - SH</b>                        |  |
| <b>Bore Style</b>  | <b>Belt Pitch</b> | <b># of Teeth</b>                    | <b>Belt Width</b>                     | <b>Bushing Options</b>                         |
| PB - Minimum Plain Bore<br>F - Air-Cooled Heat Exchanger<br>No Prefix - Taper Bushed | 8 mm<br>14 mm     | "S" identifies it as a MPC® Sprocket | 12, 21, 36, 62<br>20, 37, 68, 90, 125 | QD JA, SH, SDS... S<br>TB 1008, 1108... 120100 |