



Molded Sprocket ^a										
No. of Teeth (Chordal Action)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Available Bore Sizes			
							U.S. Sizes		Metric Sizes	
							Round in ^b	Square in	Round mm ^b	Square mm
6 ^{cd} (13.40%)	2.0	51	2.0	51	.54	14	3/4		20	
9 ^{cd} (6.03%)	2.9	74	2.9	74	1.0	25	1	1	25	25
12 (3.41%)	3.9	99	4.0	102	1.0	25	1 to 1-1/2	1.5 ^d	25 to 40	40 ^d
16 (1.92%)	5.1	130	5.2	132	1.0	25	1 to 1-1/2	1.5	25 to 40	40
20 (1.23%)	6.4	163	6.4	163	1.0	25	1 to 1-1/2	1.5	25 to 40	40



1 - Pitch diameter
2 - Outer diameter
3 - Hub width
4 - Section A - A


- a. Contact Customer Service for lead times. When using Polyurethane sprockets, the Belt Strength for belts rated over 750 lb/ft (1120 kg/m) will be de-rated to 750 lb/ft (1120 kg/m) and all other belts will maintain their published rating. The temperature range for Polyurethane sprockets is 0 °F (-18 °C) to 120 °F (49 °C). Contact Customer Service for availability of Polyurethane sprockets.
- b. Imperial key sizes on round bore sprockets conform to ANSI standard B17.1-1967 (R1989) and metric key sizes conform to DIN standard 6885.
- c. The 2.0 in (51 mm) Pitch Diameter 6 tooth sprocket and the 2.9 in (74 mm) Pitch Diameter 9 tooth sprocket have a recommended belt pull of 60 lb/sprocket (27 kg/sprocket).
- d. Do not use this sprocket with Hold Down Guides.

Split Ultra Abrasion Resistant Polyurethane Sprocket ^a										
No. of Teeth (Chordal Action)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Available Bore Sizes			
							U.S. Sizes		Metric Sizes	
							Round in	Square in	Round mm	Square mm
16 (1.92%)	5.1	130	5.2	132	1.0	25		1.5 ^b		40 ^b
20 (1.23%)	6.4	163	6.4	163	1.0	25		1.5		40



- a. Contact Customer Service for lead times. When using Polyurethane sprockets, the Belt Strength for belts rated over 750 lb/ft (1120 kg/m) will be de-rated to 750 lb/ft (1120 kg/m) and all other belts will maintain their published rating. The temperature range for Polyurethane sprockets is 0 °F (-18 °C) to 120 °F (49 °C). Contact Customer Service for availability of Polyurethane sprockets.
- b. FDA approved sprockets are available.

Nylon (FDA) Sprocket ^a										
No. of Teeth (Chordal Action)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Available Bore Sizes			
							U.S. Sizes		Metric Sizes	
							Round in ^b	Square in	Round mm ^b	Square mm
12 (3.41%)	3.9	99	4	102	1.0	25	1, 1-1/4	1.5 ^c		
16 (1.92%)	5.1	130	5.2	132	1.0	25	1-1/4			40
20 (1.23%)	6.4	163	6.4	163	1.0	25		1.5		



- a. **Contact Customer Service for lead times.**
- b. Imperial key sizes on round bore sprockets conform to ANSI standard B17.1-1967 (R1989) and metric key sizes conform to DIN standard 6885.
- c. Do not use this sprocket with Hold Down Guides.