


Maximum Belt Rating for Glass Filled Nylon Round Bore Split Sprockets Based on Round Bore Size Range ^a														
No. of Teeth	Nom. Pitch Diameter		1 in - 1-3/16 in		1-1/4 in - 1-3/8 in		1-7/16 in - 1-3/4 in		1-13/16 in - 2 in		25 mm - 35 mm		40 mm - 50 mm	
	in	mm	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m
16	5.1	130	1500	2232	1740	2589	2100	3125	2160	3214	1140	1697	2160	3214
18	5.7	145	1800	2679	2040	3036	2400	3572	3240	4822	1440	2143	2460	3661
21	6.7	170	1350	2009	1650	2455	2100	3125	3000	4464	1050	1563	2400	3572


a. The belt rating based on round bore sprocket size is used to determine sprocket spacing as a function of belt strength utilized. It may also be used for all other calculations. However, if the rating for the belt material and belt style is lower than the belt rating based on the round bore sprocket size, then the lower rating should be used for all calculations other than sprocket spacing.

Nylon FDA Split 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	3.9	99	0.75	19	1.25	1.5		
16 (1.92%)	5.1	130	5.2	132	1.5	38	1.25	1.5	30	40
18 (1.52%)	5.7	145	5.8	148	1.5	38	1.25	1.5	30	




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.

Enduralox Polypropylene Composite Split 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
16 (1.92%)	5.1	130	5.2	132	2.0	51		1.5		40
18 (1.52%)	5.7	145	5.8	148	2.0	51		1.5 2.5		40 60
21 (1.12%)	6.7	170	6.8	172	2.0	51		1.5 2.5		40
31 (0.51%)	9.9	251	10.1	257	2.0	51		3.5		



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.

Polyurethane Composite Split 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
31 (0.51%)	9.9	251	10.1	257	1.50 1.67	38 44		3.5 2.5 ^b		



a. Contact Customer Service for lead times.
 b. The 2.5" square bore is created by using a bore adapter in the 3.5" square bore sprocket.