



Family owned and operated since 1971.

Terog Manufacturing builds quality Black Ace® parts for a wide variety of original equipment, as well as a large selection of replacement parts.

Chain Tensioners & Idlers



Maximize the full potential of your roller chain and sprocket life with chain tensioners and idlers from Black Ace Parts®. Our extremely durable Snugulator® and IdleMaster® decrease the amount of movement required to keep your chain moderately tensioned, eliminating chain run-out and reducing chain flexing to create a smooth, free chain run. Because our chain tensioners and idlers rotate freely with the speed of the roller chain, roller spin and chain whipping are eliminated, which in turn greatly reduces excess noise.

IdleMasters®

- Used in place of idler sprockets
- Increases roller chain life dramatically
- Not sensitive to pitch variances of the roller chain
- High RPM bearings
- Precision-made from long-lasting steel
- Heat-treated versions available
- Belt style is a precision one-piece for high RPM
- Design and production for custom applications



Snugulator®

- Used in place of idler sprockets
- Increases roller chain life dramatically
- Not sensitive to pitch variances of the roller chain
- High RPM bearings
- Steel and rubber construction
- Design and production for custom applications
- Multiple mountings available



Snugulators® and IdleMasters® reduce noise and increase the life of chains and belts. These precision-machined heat-treated steel parts are ideal for high-pressure-point areas, and perform smoothly on both worn and new chain.

To learn more, visit us online at: blackaceparts.com

218.478.3395 | 800.423.3918 | 387 Atlantic Ave | PO Box 587 | Stephen, MN 56757

TEROG
MANUFACTURING

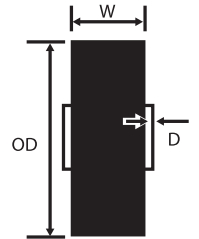




Specialists in improving equipment performance and profitability.

Snugulator®

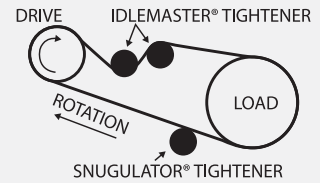
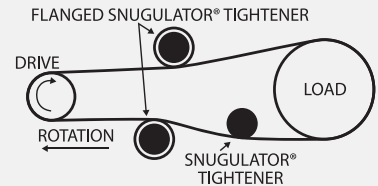
Roller Chain Size	Bolt Hole Mounting Size	Item Number	W	OD	D
100 pitch & smaller	1/2-5/8-3/4"	25008D3	2 1/8"	3 1/2"	1/8" one side
80 pitch & smaller	1/2-5/8-3/4"	2550BE3	1 3/8"	3 1/2"	1/8" one side
60 pitch & smaller	3/8-1 1/2-5/8"	2755CB2	1"	2 3/4"	1/16" both sides
40 pitch & smaller	1/2"	2075CA	3/4"	2"	1/16" both sides



Use the correct size Snugulator®

IdleMasters® & Snugulator® Applications

- Snugulator® tighteners are available with and without flanges. Use a flanged Snugulator® for longer span chains and belts.
- The Snugulator® is usually used on the slack side of the roller chain drive, but can be used on the tensioned side with very little deflection.
- The Snugulator® should be placed a proper distance from the sprocket for minimum pressure.
- Unlike many idler sprockets, the Snugulator® tightener lasts a long time and is not sensitive to chain wear. Both new and worn chain can safely run on the same Snugulator®.



IdleMasters®

Diagram Letter	50 Pitch (2651BE)	60 Pitch (2661BE)	80 Pitch (2681BC3)
A	.550	.550	.667
B	.370	.489	.580
C	1.130	1.130	.937
D	3.150	3.150	3.340
E	.085	.085	.050
F	.407	.407	.080
G	5/8-1/2-3/8"	5/8-1/2-3/8"	1 1/2-5/8-3/4"

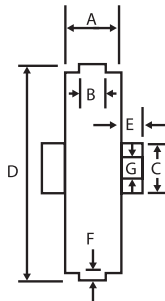
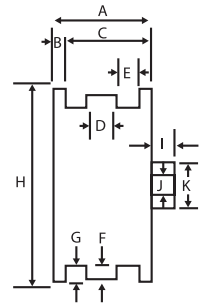


Diagram Letter	50 & 60 Pitch (2856BE3)	60 & 80 Pitch (2868BD3)
A	1.550	1.750
B	.200	.200
C	1.15	1.349
D	.370	.489
E	.390	.430
F	.187	.187
G	.294	.294
H	3.450	3.450
I	1/32	5 1/6
J	1/2-5/8-3/4"	1/2-5/8-3/4"
K	1.130	1.130



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