



Coupling Sprocket



Coupling Cover
(1/2 Shown)



Coupling Chain



Complete Coupling Assembly

Chain Couplings

PowerDrive



- Operating temp.: -25° to 150°F
- Max. parallel misalignment: 0.005"

Complete unit consists of 2 coupling sprockets, double-strand roller chain, and coupling cover. Split-taper bushings required for 50 and 60 pitch couplings, see page 115. Coupling sprockets are steel construction with fixed-bore versions having standard keyway and set screw. Coupling covers are cast-aluminum with seals, grease fitting, and hardware for installation.

Bore Dia.	HP Rating @ 100 RPM	COUPLING SPROCKETS (2 REQUIRED)*			COUPLING CHAIN (1 REQUIRED)		COUPLING COVER (OPTIONAL)	
		Bushing Req.	Mfr. Model	Item No.	Mfr. Model	Item No.	Mfr. Model	Item No.
Fixed Bore*								
5/8 in	0.9 hp	—	C4016X5/8	6AGR7	C40-16	6AGR2	AL40	6AGP9
3/4 in	0.9 hp	—	C4016X3/4	6AGR6	C40-16	6AGR2	AL40	6AGP9
7/8 in	0.9 hp	—	C4016X7/8	6AGR8	C40-16	6AGR2	AL40	6AGP9
1 in	0.9 hp	—	C4016X1	6AGR4	C40-16	6AGR2	AL40	6AGP9
1 1/8 in	0.9 hp	—	C4016X1 1/8	6AGR5	C40-16	6AGR2	AL40	6AGP9
1 1/4 in	0.9 hp	—	C4016X1 1/4	6AGR3	C40-16	6AGR2	AL40	6AGP9
Bushed Bore								
1/2 - 1 1/2 in	0.9 hp	QT or H	C5016XH	6AGT0	C50-16	6AGR9	AL50	6AGR0
1/2 - 2 1/8 in	3.86 hp	B	C6020XB	6AGT2	C60-20	6AGT1	AL60	6AGR1

* Sprockets work with Delrin coupling chain, this page.

Cut-to-Length
6AGT3



Delrin Coupling Chain

PowerDrive



- Operating temp.: -25° to 150°F
- Angular misalignment tolerance: 1° (10T-19T), 1/2° (20T-24T)
- Max. parallel misalignment: 0.005"
- End float tolerance: 0.060"

Complete coupling consists of 2 sprockets (sold separately) and one coupling chain. Corrosion-resistant. Use with stainless steel sprockets for washdown applications. No lubrication required. Slip-fit coupler pin included with 6AGT4 through 6AGT6.

Chain	For Use With	HP Rating @ 100 RPM*	Chain Coupling Dim. O.D.	W	Mfr. Model	Item No.
(2) 40 Pitch 12-Tooth Sprockets	0.51 hp	2.37 in	1.25 in	N412CPLG	6AGT4	
(2) 40 Pitch 16-Tooth Sprockets	0.9 hp	3 in	1.25 in	N416CPLG	6AGT5	
(2) 40 Pitch 24-Tooth Sprockets	2.02 hp	4.27 in	1.25 in	N424CPLG	6AGT6	
Chain, Cut-to-Length						
40 Pitch Delrin Coupling Chain, 10 Ft.				N4 10FTCPLG CHAIN	6AGT3	

* Based on 1.0 service factor.



Dayton
Stainless Steel



Climax Metal Products
Zinc Plated Steel



Climax Metal Products
Black Oxide Steel

Set Screw Shaft Collars

Dayton

CLIMAX
METAL PRODUCTS COMPANY

For soft or predrilled shafts, and they lock onto the shaft by tightening the cup point socket set screw. Zinc-plated and black oxide-coated steel collars have alloy screws; stainless steel has stainless steel screws.

Bore Dia.	Outside Dia.	W	Screw Size	ZINC PLATED STEEL		STAINLESS STEEL	
				Item No.	Pkg. Qty.	Item No.	Pkg. Qty.
Dayton							
1/8 in	3/8 in	1/4 in	#6-32	1L625	3	1L630	1
3/16 in	7/16 in	1/4 in	#8-32	1L626	3	1L631	1
1/4 in	1/2 in	3/8 in	#10-32	2X735	3	1L632	1
5/16 in	9/16 in	1/2 in	#10-32	2X736	3	1L633	1
3/8 in	3/4 in	3/8 in	1/4"-20	2X737	3	1L634	1
7/16 in	7/8 in	7/8 in	1/4"-20	1L627	3	1L635	1
1/2 in	1 in	7/8 in	1/4"-20	2X568	3	1L636	1
9/16 in	1 in	7/8 in	1/4"-20	3ZN88	3	—	—
5/8 in	1 1/8 in	1 1/2 in	3/8"-18	2X569	3	1L637	1
1 1/16 in	1 1/4 in	9/8 in	3/8"-18	3ZN89	3	—	—
3/4 in	1 1/4 in	9/8 in	3/8"-18	2X570	3	1L638	1
13/16 in	1 1/2 in	9/8 in	3/8"-18	3ZN90	3	—	—
7/8 in	1 1/2 in	9/8 in	3/8"-18	2X738	3	1L639	1
15/16 in	1 5/8 in	9/8 in	3/8"-18	3ZN91	3	—	—
1 in	1 5/8 in	9/8 in	3/8"-18	2X571	3	1L640	1
1 1/16 in	1 3/4 in	5/8 in	3/8"-18	3ZN92	1	—	—
1 1/8 in	1 3/4 in	5/8 in	3/8"-18	2X739	1	1L641	1
1 3/16 in	2 in	1 1/8 in	3/8"-16	5X643	1	1L642	1
1 1/4 in	2 in	1 1/8 in	3/8"-16	2X740	1	1L643	1
1 5/8 in	2 1/8 in	1 1/8 in	3/8"-16	1L628	1	1L644	1
1 3/8 in	2 1/8 in	3/4 in	3/8"-16	5X644	1	1L645	1
1 1/2 in	2 1/4 in	3/4 in	3/8"-16	5X645	1	1L646	1
1 1/2 in	2 1/4 in	3/4 in	3/8"-16	4X228	1	1L647	1
1 9/16 in	2 1/2 in	13/16 in	3/8"-16	3ZN81	1	—	—
1 3/8 in	2 1/2 in	13/16 in	3/8"-16	1L629	1	1L648	1
1 11/16 in	2 1/2 in	13/16 in	3/8"-16	5X646	1	1L649	1
1 3/4 in	2 3/4 in	7/8 in	1/2"-13	4X229	1	1L650	1
1 13/16 in	2 3/4 in	7/8 in	1/2"-13	3ZN82	1	—	—
1 7/8 in	2 3/4 in	7/8 in	1/2"-13	4X230	1	—	—
1 15/16 in	3 in	7/8 in	1/2"-13	4X231	1	1L652	1
2 in	3 in	7/8 in	1/2"-13	4X232	1	1L653	1
2 1/4 in	3 1/4 in	15/16 in	1/2"-13	3ZN83	1	—	—
2 3/8 in	3 1/2 in	1 in	1/2"-13	3ZN84	1	—	—
2 1/2 in	3 1/2 in	1 in	1/2"-13	3ZN85	1	—	—
2 5/8 in	4 1/4 in	1 1/8 in	1/2"-13	3ZN86	1	—	—
3 in	4 1/4 in	1 1/8 in	1/2"-13	3ZN87	1	—	—

Bore Dia.	Outside Dia.	W	Screw Size	BLACK OXIDE STEEL		ZINC PLATED STEEL	
				Item No.	Pkg. Qty.	Item No.	Pkg. Qty.
Climax Metal Products							
1/8 in	3/8 in	1/4 in	6-32 x 1/8 in	36WX91	1	36WX89	1
3/16 in	7/16 in	1/4 in	8-32 x 3/8 in	36WX94	1	36WX92	1
1/4 in	1/2 in	3/8 in	10-32 x 1/2 in	36WX97	1	36WX95	1
5/16 in	9/16 in	1/2 in	10-32 x 3/8 in	36WY01	1	36WX98	1
3/8 in	3/4 in	3/8 in	1/4"-20 x 3/8 in	36WY04	1	36WY02	1
7/16 in	7/8 in	7/8 in	1/4"-20 x 1/4 in	36WY07	1	36WY05	1
1/2 in	1 in	7/8 in	1/4"-20 x 1/4 in	36WY10	1	36WY08	1
9/16 in	1 1/8 in	1 1/2 in	5/16"-18 x 1/4 in	36WY13	1	36WY11	1
3/4 in	1 1/4 in	9/8 in	5/16"-18 x 1/4 in	36WY16	1	36WY14	1
7/8 in	1 1/2 in	9/8 in	5/16"-18 x 9/16 in	36WY19	1	36WY17	1
15/16 in	1 1/2 in	9/8 in	5/16"-24 x 1/4 in	36WY22	1	36WY20	1
1 in	1 1/2 in	9/8 in	5/16"-24 x 1/4 in	36WY25	1	36WY23	1
1 1/16 in	1 3/4 in	5/8 in	3/8"-18	29N87	1	—	—
1 3/16 in	2 in	13/16 in	3/8"-16	29N88	1	—	—
1 1/4 in	2 in	13/16 in	3/8"-16	29N89	1	—	—
1 5/16 in	2 1/8 in	13/16 in	3/8"-16	29N90	1	—	—
1 3/8 in	2 1/8 in	3/4 in	3/8"-16	29N91	1	—	—
1 7/16 in	2 1/4 in	3/4 in	3/8"-16	29N92	1	—	—
1 1/2 in	2 1/4 in	3/4 in	3/8"-16	29N93	1	—	—
1 5/8 in	2 1/4 in	13/16 in	3/8"-16	29N94	1	—	—
1 11/16 in	2 1/4 in	13/16 in	3/8"-16	29N95	1	—	—
1 3/4 in	2 3/8 in	7/8 in	1/2"-13	29N96	1	—	—
1 7/8 in	2 3/4 in	7/8 in	1/2"-13	29N97	1	—	—
1 15/16 in	3 in	7/8 in	1/2"-13	29N98	1	—	—
2 in	3 in	7/8 in	1/2"-13	29N99	1	—	—
2 1/4 in	3 1/4 in	15/16 in	1/2"-13	29NX01	1	—	—
2 3/8 in	3 1/2 in	1 in	1/2"-13	29NX02	1	—	—
2 1/2 in	3 1/2 in	1 in	1/2"-13	29NX03	1	—	—
2 5/8 in	4 in	1 1/8 in	1/2"-13	29NX04	1	—	—
3 in	4 in	1 1/8 in	1/2"-13	29NX05	1	—	—