



Amerigear Gear Couplings

Fully-crowned gear teeth provide operational benefits including maximum load-carrying capacity with minimum size, maximum reliability and long life



Ameridrives Amerigear O-Ring Seal Gear Couplings

- Fully-Crowned Gear Teeth Strong, rigid floating sleeve
 - Allow greater misalignment
 - Higher torque capacity
 - Lower contact stresses
 - Less backlash
- Precision-machined identical hubs
 - Can be reverse mounted w/std equipment for larger DBSE
- Larger bore capacity
- Positive dust-tight seals
- Conforms to AGMA standards for sizes 201.5 -207
- $3/4^\circ$ to $1-1/2^\circ$ operating angle

Advantages of Amerigear O-ring style coupling over metal seal style coupling

- 23% savings in labor cost per coupling installation
- 35% initial purchase cost savings
- 66% less grease used in O-ring style coupling
- 82% greater life expectancy

AMERIGEAR 200 SERIES O-RING GEAR COUPLING INTERCHANGE AND COMPARISON CHART

BRAND	SIZE	Flange Diameter	Bolt Pattern QTY @ EB Bolt	Bolt Pattern QTY @ SB Bolt	Max Bore	MAX Torque Rating (in-lbs)
Ameridrives	F201 1/2	6.00"	8 @ 4.81"	8 @ 4.81"	2.250	22,900
Falk	1015 G20				2.375	20,790
Kopflex	1 1/2H				2.250	17,000
Lovejoy	F1 1/2				2.125	18,900
Ameridrives	F202	7.00"	6 @ 5.88"	10 @ 5.88"	2.750	41,500
Falk	1020 G20				2.875	37,800
Kopflex	2H				2.750	31,500
Lovejoy	F2				2.750	31,500
Ameridrives	F202 1/2	8.38"	6 @ 7.12"	10 @ 7.00"	3.500	77,600
Falk	1025 G20				3.625	66,150
Kopflex	2 1/2H				3.500	56,700
Lovejoy	F2 1/2				3.250	56,700
Ameridrives	F203	9.44"	8 @ 8.12"	12 @ 8.00"	4.000	122,700
Falk	1030 G20				4.125	107,100
Kopflex	3H				4.000	101,000
Lovejoy	F3				4.000	94,500
Ameridrives	F203 1/2	11.00"	8 @ 9.50"	12 @ 9.25"	4.500	181,400
Falk	1035 G20				4.875	163,800
Kopflex	3 1/2H				4.500	148,000
Lovejoy	F3 1/2				4.625	151,200
Ameridrives	F204	12.50"	8 @ 11.00"	14 @ 10.62"	5.500	283,600
Falk	1040 G20				5.750	270,900
Kopflex	4H				5.500	236,000
Lovejoy	F4				5.375	220,500
Ameridrives	F204 1/2	13.62"	10 @ 12.00"	14 @ 11.75"	6.250	424,600
Falk	1045 G20				6.500	371,700
Kopflex	4 1/2H				6.000	318,000
Lovejoy	F4				6.000	302,400
Ameridrives	F205	15.31"	8 @ 13.50"	14 @ 13.19"	6.620	545,400
Falk	1050 G20				7.000	500,900
Kopflex	5H				6.875	441,000
Lovejoy	F5				6.500	434,700
Ameridrives	F205 1/2	16.75"	14 @ 14.50"	16 @ 14.44"	7.500	721,200
Falk	1055 G20				7.750	655,200
Kopflex	5 1/2H				7.750	580,000
Lovejoy	F5 1/2				7.375	573,300
Ameridrives	F206	18.00"	14 @ 15.75"	Not Available	8.250	934,200
Falk	1060 G20				8.750	800,100
Kopflex	6H				8.625	759,000
Lovejoy	F6				8.000	749,700
Ameridrives	F207	20.75"	16 @ 18.25"	Not Available	9.620	1,144,800
Falk	1070 G20				10.000	1,197,000
Kopflex	7H				10.375	1,160,000
Lovejoy	F7				9.000	1,008,400