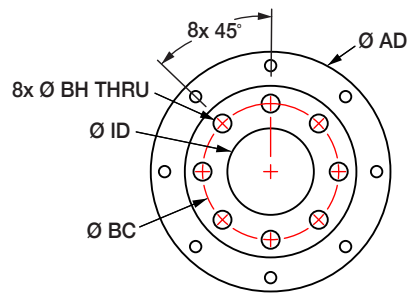
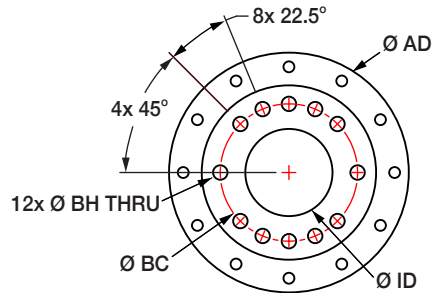


Adaptor Details

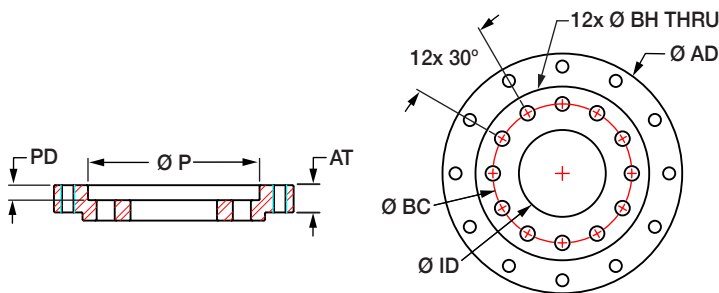
Adaptor Mounts Compatible with ISO 9409-1



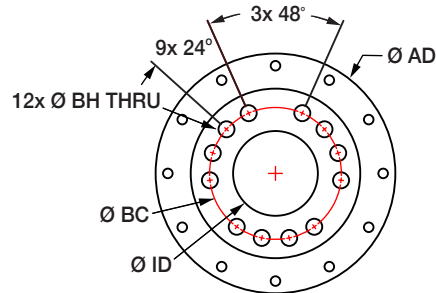
MODEL AM31 AND AM50



MODEL AM63



MODEL AM80 AND AM125



MODEL AM140 AND AM160

Model	Adaptor	AD	ØP	PD	AT	ØBH	ØBC	ID
		Adaptor Plate Diameter	Pilot Diameter	Pilot Depth	Adaptor Plate Thickness	Bolt Hole Diameter	Bolt Circle	Adaptor Plate ID
		mm	mm	mm	mm	mm	mm	mm
8P55	AM31	64.0	40.000/40.025	2.9	7.0	5.3	31.5	20.0
8P67	AM50	87.4	63.000/63.025	5.5	10.0	6.6	50.0	31.8
12P85	AM63	110	80.000/80.025	5.5	23.9	6.6	63.0	40.0
12P105	AM80	138	100.000/100.035	5.5	12.0	8.4	80.0	50.0
12P140	AM125	198	160.000/160.040	7.0	15.2	10.7	125	80.0
12P165	AM140	255	180.000/180.040	10.0	25.2	17.0	140	90.0
12P190	AM160	285	200.000/200.045	8.0	27.2	21.0	160	90.0

- Model numbers correspond to bolt circle (ØBC) dimension
- Contact Zero-Max if location pin is desired

Bore sizes (metric)

Model	Shaft Bore Options			
	One Piece (C1) Integral Clamp		Two Piece (C2) Split Clamp	
	Keyed	Non keyed	Keyed	Non keyed
8P55	12-28 mm	12-28 mm	12-28 mm	12-28 mm
8P67	16-35 mm	16-35 mm	16-35 mm	16-35 mm
12P85	16-27 mm	22-27 mm	16-40 mm	22-50 mm
12P105	19-32 mm	28-32 mm	19-55 mm	28-60 mm
12P140	26-40 mm	32-40 mm	26-75 mm	32-82 mm
12P165	N/A	N/A	35-88 mm	35-95 mm
12P190	N/A	N/A	35-105 mm	42-115 mm

- Keyed hub/shaft connections are recommended
- Keyless connections are available, but may not transmit the full torque rating of the coupling
- Contact Zero-Max for other keyless hub mounting options or to discuss details of your application

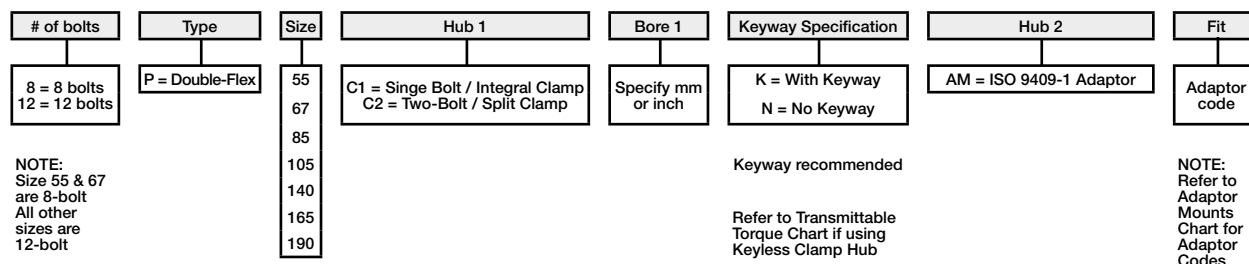
Transmittable Torque for non-keyed Bore Hubs

Model		Bore Size (mm) and Transmittable Torque (Nm)																				Cont. Torque (Nm)	Peak Torque (Nm)	
		12	14	15	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	50	55	60		
8P55	One-Piece Hubs	21	27	29	34	39	41	43	47	52	54	60											42	84
	Two-Piece Hubs	32	42	45	53	60	–	66	73	80	83	•											42	84
8P67	One-Piece Hubs				40	45	48	50	55	60	63	70	75	80	88								88	176
	Two-Piece Hubs				62	69	–	77	85	92	96	108	116	123	135								88	176
12P85	One-Piece Hubs								122	133	138												313	626
	Two-Piece Hubs								187	204	213	239	256	273	298	324	341	358	383	426			313	626
12P105	One-Piece Hubs											248	266	283									655	1310
	Two-Piece Hubs											381	409	436	477	518	545	572	613	681	749	817	655	1310

Model		Bore Size (mm) and Transmittable Torque (Nm)																				Cont. Torque (Nm)	Peak Torque (Nm)		
		28	30	32	35	38	40	42	45	50	55	60	65	70	75	80	85	90	95	100	105			110	115
12P140	One-Piece Hubs			733	802	871	916																	1808	3616
	Two-Piece Hubs			1128	1234	1339	1410	1480	1586	1762	1938	2115	2291	2467	2643	2819								1808	3616
12P165	One-Piece Hubs																								
	Two-Piece Hubs				1491	1619	1704	1789	1917	2130	2343	2556	2769	2981	3194	3407	3620	3833	4046					3107	6214
12P190	One-Piece Hubs																								
	Two-Piece Hubs							1988	2130	2367	2603	2840	3077	3313	3550	3786	4023	4260	4496	4733	4970	5206	5443	4915	9830

- Keyed hub/shaft connections are recommended
- Keyless connections are available, but may not transmit the full torque rating of the coupling
- Contact Zero-Max for other keyless hub mounting options or to discuss details of your application
- Listed number indicates the transmittable torque of the keyless hub connection (Nm)
- The • symbol indicates that the keyless hub connection will transmit the full rated peak torque of the coupling
- Contact Zero-Max for smaller bore options
- Contact Zero-Max if higher transmittable torque keyless hub options are required

How to Order



Example:

12 P 105 C2 40mm K AM 80mm

12P105-C2-40mm-K-AM-80mm

Bore sizes are based on the nominal shaft diameters, as documented by the AGMA Standard 511.02 (Bore and Keyway Sizes for Flexible Couplings). All clearance fits (standard) are according with the ANSI B4.2 (imperial) and with the ISO 286-1 (metric). Contact Factory for special tolerances.

Standard Keyways

Bore Size (mm)		Keyway	Bore Size (mm)		Keyway
Over	To		Over	To	
10	12	4 x 1.8	58	65	18 x 4.4
12	17	5 x 2.3	65	75	20 x 4.9
17	22	6 x 2.8	75	85	22 x 5.4
22	30	8 x 3.3	85	95	25 x 5.4
30	38	10 x 3.3	95	110	28 x 6.4
38	44	12 x 3.3	110	130	32 x 7.4
44	50	14 x 3.8	130	150	36 x 8.4
50	58	16 x 4.3	150	170	40 x 9.4

Bore Size (inch)		Keyway	Bore Size (inch)		Keyway
Over	To		Over	To	
0.437	0.562	0.125 x 0.062	2.250	2.750	0.625 x 0.312
0.562	0.875	0.187 x 0.094	2.750	3.250	0.750 x 0.375
0.875	1.250	0.250 x 0.125	3.250	3.750	0.875 x 0.437
1.250	1.375	0.312 x 0.156	3.750	4.500	1.000 x 0.500
1.375	1.750	0.375 x 0.187	4.500	5.500	1.250 x 0.625
1.750	2.250	0.500 x 0.250	5.500	6.500	1.500 x 0.750