

AGMA-N, AGMA-R & AGMA-RR COUPLINGS

TECHNICAL DATA

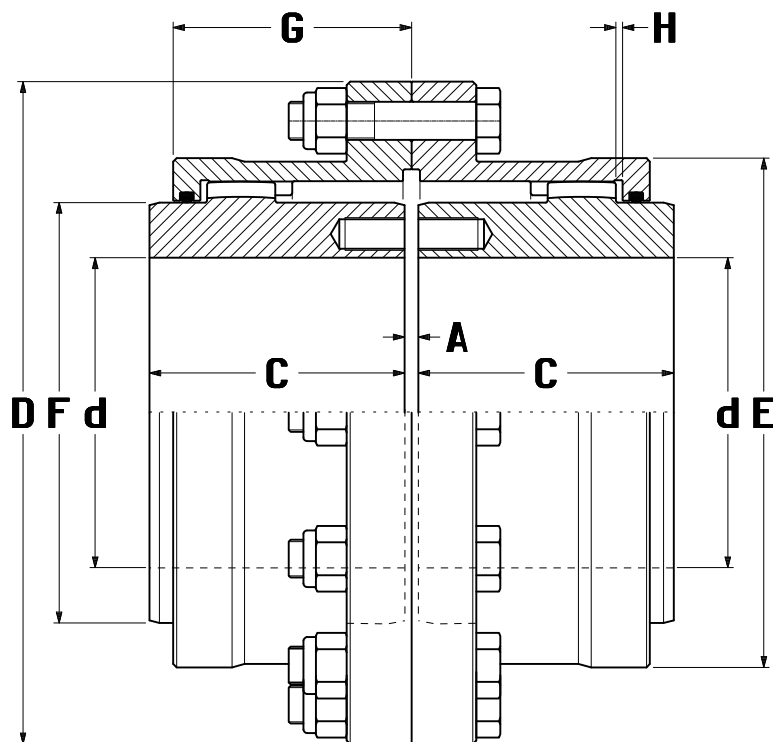


Fig. 37 - AGMA-N Coupling

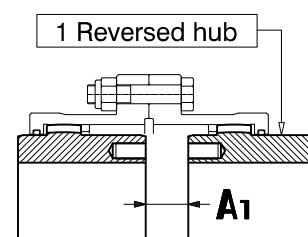


Fig. 38 - AGMA-R Coupling

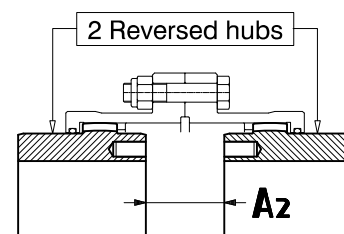


Fig. 39 - AGMA-RR Coupling

DENOMINATION EXAMPLE:
AGMA GEAR COUPLING SIZE 4.5

AGMA-4.5N Coupling

TAB. 34

SIZE	NOMINAL TORQUE [kNm] Tk	MAX TORQUE [kNm] Tf	MAX SPEED [1/min] nk	MIN MAX [mm] d	DIMENSIONS [mm]									MASS ① M [Kg]	MOMENT OF INERTIA ① J [Kg·m²]	GREASE QUANTITY [Kg]	TORSIONAL STIFFNESS ① Kx10⁶ [Nm/rad]
					D	C	A	A₁	A₂	E	F	G	H				
1.0	1.10	2.20	6000	20-44	116	43	3	5	7	84	60	39	1.5	4	0.005	0.08	3.020
1.5	2.45	4.90	4620	25-61	152	50	3	8	13	104	79	48.5	1.5	9.5	0.020	0.09	6.050
2.0	4.60	9.20	4140	35-75	178	62	3	14	25	127	101	60	1.5	15.5	0.044	0.16	9.250
2.5	7.85	15.70	4000	40-95	213	76	5	12	19	156	123.5	69.5	2.5	27	0.112	0.27	17.30
3.0	12.00	24.00	3860	50-110	240	90	5	24	43	179	145.5	85.5	2.5	39	0.203	0.47	20.30
3.5	17.00	34.00	3720	55-127	280	105	6	27	48	206	167	98	3	65	0.460	0.68	33.60
4.0	26.75	53.50	3190	65-150	318	120	6	32	58	240	196	111	3	94	0.844	0.93	53.00
4.5	36.65	73.30	2900	72-171	346	135	8	37	66	269	216	123	4	125	1.325	1.54	78.90
5.0	52.65	105.3	2570	80-182	389	150	8	50	92	299	247	140	4	183	2.531	2.28	93.10
5.5	80.00	160.0	2330	90-200	425	175	8	53	98	329	273	158	4	242	3.725	3.10	103.1
6.0	90.50	181.0	2150	95-225	457	190	8	58	108	358	292	169	4	298	5.291	3.90	148.4
7.0	137.0	274.0	1800	115-270	527	220	10	72	134	416	342	195	5	453	10.48	6.20	184.0
8.0	149.6	299.2	1700	125-290	590	250	10	74	138	460	368	198	5	617	17.72	7.40	345.1
9.0	206.6	413.2	1600	140-330	660	275	12	81	150	512	420	200	6	868	31.35	9.20	469.2

NOTE 1 - Values are calculated for solid hubs