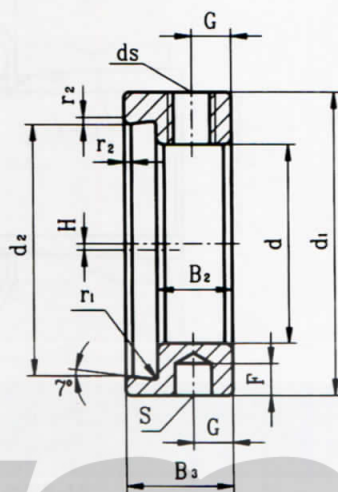


Technical drawing of a shaft-hub assembly showing dimensions for fit and geometry. The drawing includes the following labels and dimensions:

- G : Dimension for the shaft diameter.
- ds : Dimension for the shaft diameter.
- r_2 : Dimension for the fillet radius at the top of the hub.
- r_1 : Dimension for the fillet radius at the bottom of the hub.
- H : Dimension for the hub height.
- d_z : Dimension for the total height of the assembly.
- d : Dimension for the shaft diameter.
- d_1 : Dimension for the total height of the assembly.
- B_2 : Dimension for the hub width.
- B_3 : Dimension for the total width of the assembly.
- S : Dimension for the shaft diameter.
- G : Dimension for the shaft diameter.
- F_k : Dimension for the fillet radius at the bottom of the hub.
- γ° : Angle for the fillet profile.

Collar No.	Bore Dia. Of Collar	Dimensions(mm)/(In.)													Mass (kg)
		d		d ₁	d ₂	B ₂	B ₃	H	r ₁	r ₂	G	F	S	ds	
		(in.)	(mm)												
A 201	1 / 2	12	28.6 1.1260	21.6 0.8504	9.5 0.374	13.5 0.5315	0.8 0.0315	0.4 0.0157	0.8 0.0315	5 0.1969	3.5 0.1378	5 0.1969	1/4-28UNF	M6X1	0.05
A 201-8															
A 202															
A 202-10	5/8	15	28.6 1.1260	21.6 0.8504	9.5 0.374	13.5 0.5315	0.8 0.0315	0.4 0.0157	0.8 0.0315	5 0.1969	3.5 0.1378	5 0.1969	1/4-28UNF	M6X1	0.05
A 203															
A 203-11															
A 204-12	3 / 4	20	33.3 1.3110	26.6 1.0472	9.5 0.374	13.5 0.5315	0.8 0.0315	0.4 0.0157	0.8 0.0315	5 0.1969	4 0.1575	5 0.1969	1/4-28UNF	M6X1	0.06
A 204															
A 205-14															
A 205-15	7/8	25	38.1 1.5000	31.6 1.2441	9.5 0.374	13.5 0.5315	0.8 0.0315	0.4 0.0157	0.8 0.0315	5 0.1969	4 0.1575	5 0.1969	1/4-28UNF	M6X1	0.07 0.06 0.06 0.06
A 205															
A 205-16															
A 206-18	1-1/8	30	44.5 1.7520	37.9 1.4921	11.9 0.4685	15.9 0.6260	0.8 0.0315	0.4 0.0157	0.8 0.0315	6 0.2362	4 0.1575	5 0.1969	5/16-24UNF	M6X1	0.10 0.10 0.10 0.09
A 206															
A 206-19															
A 206-20	1-1/4	35	55.6 2.1890	44.7 1.7598	13.5 0.5315	17.5 0.6890	0.8 0.0315	0.4 0.0157	0.8 0.0315	6.5 0.2559	5 0.1969	7 0.2756	5/16-24UNF	M8X1	0.20 0.19 0.18 0.18 0.17
A 207-20															
A 207-21															
A 207-22	1-3/8	40	60.3 2.3740	49.4 1.9449	13.5 0.5315	18.3 0.7205	1.6 0.0630	0.4 0.0157	1.2 0.0472	6.5 0.2559	5 0.1969	7 0.2756	5/16-24UNF	M8X1	0.22 0.21 0.21
A 207															
A 207-23															
A 208-24	1-1/2	45	63.5 2.5000	54.4 2.1417	13.5 0.5315	18.3 0.7205	1.6 0.0630	0.4 0.0157	1.2 0.0472	6.5 0.2559	5 0.1969	7 0.2756	5/16-24UNF	M8X1	0.25 0.22 0.22 0.22
A 208-25															
A 208															
A 209-26	1-5/8	50	69.9 2.7520	60 2.3622	13.5 0.5315	18.3 0.7205	1.6 0.0630	0.4 0.0157	1.2 0.0472	6.5 0.2559	5 0.1969	7 0.2756	5/16-24UNF	M8X1	0.26 0.25 0.24
A 209-27															
A 209-28															
A 209	1-3/4	55	76.2 3.0000	66.9 2.6338	15.9 0.6260	20.7 0.8150	1.6 0.0630	0.6 0.0236	1.2 0.0472	8 0.3150	6 0.2362	8.4 0.3307	3/8-24UNF	M10X1.25	0.36 0.33 0.32 0.27
A 211															
A 211-35															
A 212-36	2-1/4	60	84.2 3.3150	73.5 2.8937	15.9 0.6260	22.3 0.8780	1.6 0.0630	0.6 0.0236	1.6 0.0630	8 0.3150	6 0.2362	8.4 0.3307	3/8-24UNF	M10X1.25	0.44 0.41 0.40 0.38
A 212															
A 212-38															
A 212-39	2-7/16	65	86 3.3858	79 3.1102	17.5 0.6890	23.5 0.9252	1.6 0.0630	0.6 0.0236	1.6 0.0630	8.5 0.3346	6 0.2362	8.4 0.3307	3/8-24UNF	M10X1.25	0.41 0.39
A 213															
A 213-40															
A 214-44	2-3/4	70	96.8 3.8110	83.3 3.2795	17.1 0.6732	23.5 0.9252	1.6 0.0630	0.6 0.0236	1.6 0.0630	8.5 0.3346	6				



Collar No.	Bore Dia. Of Collar		Dimensions(mm)/(in.)											Mass (kg)
	d (in.)	d (mm)	d ₁	d ₂	B ₂	B ₃	H	r ₁	r ₂	G	F	S	ds	
A 305-14	7/8													0.11
305-15	15/16		42.8	33.2	11.9	15.9	0.8	0.4	0.8	6	5	7		0.10
305		25	1.6850	1.3071	0.4685	0.6260	0.0315	0.0157	0.0315	0.2362	0.1969	0.2756	M8X1	0.10
305-16	1													0.10
A 306-18	1-1/8													0.14
306		30	50	42.4	13.5	17.5	0.8	0.4	0.8	6.7	5	7		0.13
306-19	1-3/16		1.9685	1.6693	0.5315	0.6890	0.0315	0.0157	0.0315	0.2638	0.1969	0.2756	M8X1	0.13
A 307-20	1-1/4													0.19
307-21	1-5/16		55	46.7	13.5	17.5	0.8	0.4	0.8	6.7	5	5		0.18
307-22	1-3/8		2.1654	1.8386	0.5315	0.6890	0.0315	0.0157	0.0315	0.2638	0.1969	0.2756	M8X1	0.17
307		35												0.17
307-23	1-7/16													0.16
A 308-24	1-1/2													0.27
308-25	1-9/16		63.5	52.7	15.8	20.6	1.6	0.4	1.2	8	6	8.4		0.26
308		40	2.5000	2.0748	0.6220	0.8110	0.0630	0.0157	0.0472	0.3150	0.2362	0.3307	M10X1.25	
A 309-26	1-5/8													0.34
309-27	1-11/16		70	58	15.8	20.6	1.6	0.4	1.2	8	6	8.4		0.33
309-28	1-3/4		2.7559	2.2835	0.6220	0.8110	0.0630	0.0157	0.0472	0.3150	0.2362	0.3307	M10X1.25	0.32
309		45												0.31
A 310-30	1-7/8													0.40
310-31	1-15/16		76.2	64.9	17.4	22.2	1.6	0.4	1.2	8.7	6	8.4		0.39
310		50	3.0000	2.5512	0.6850	0.8740	0.0630	0.0157	0.0472	0.3425	0.2362	0.3307	M10X1.25	0.38
A 311-32	2													0.48
311-34	2-1/8		83	71.7	17.4	22.2	1.6	0.4	1.2	9	6	8.4		0.44
311		55	3.2677	2.8228	0.6850	0.8740	0.0630	0.0157	0.0472	0.3543	0.2362	0.3307	M10X1.25	0.43
311-35	2-3/16													0.43
A 312-36	2-1/4													0.54
312		60	89	76.2	17.5	23.9	1.6	0.4	1.6	9	6	8.4		0.51
312-38	2-3/8		3.5039	3.0000	0.6890	0.9409	0.0630	0.0157	0.0630	0.3543	0.2362	0.3307	M10X1.25	0.51
312-39	2-7/16													0.49
A 313-40	2-1/2													0.69
313		65	97	83.7	20.6	27	1.6	0.4	1.6	11.5	6	10.5		0.67
A 314-44	2-3/4													
314		70	102	90.2	23.8	30.2	1.6	0.4	1.6	12	6	10.5		
A 315		75	4.0157	3.5512	0.9370	1.1890	0.0630	0.0157	0.0630	0.4724	0.2362	0.4134	M12X1.25	
315-48	3		113	96.7	25.4	31.8	1.6	0.4	1.6	13	7	10.5		
A 316		80	4.4488	3.8071	1.0000	1.2520	0.0630	0.0157	0.0630	0.5118	0.2756	0.4134	M16X1.5	
A 317-52	3-1/4													
317		85	127	108.1	25.4	31.8	2.4	0.4	2	13	7	10.5		
A 318-56	3-1/2													
318		90	5.2362	4.5118	1.1260	1.4370	0.0945	0.0157	0.0787	0.5709	0.2756	0.4134	M20X1.5	
A 319		95	140	121.1	28.6	36.5	2.4	0.4	2	14.5	7	10.5		
319-60	3-3/4		5.5118	4.7677	1.1260	1.4370	0.0945	0.0157	0.0787	0.5709	0.2756	0.4134	M20X1.5	
A 320		100	146	129.1	28.6	36.5	2.4	0.4	2.5	14.5	7	10.5		
320-64	4		5.7480	5.0827	1.1260	1.4370	0.0945	0.0157	0.0984	0.5709	0.2756	0.4134	M20X1.5	