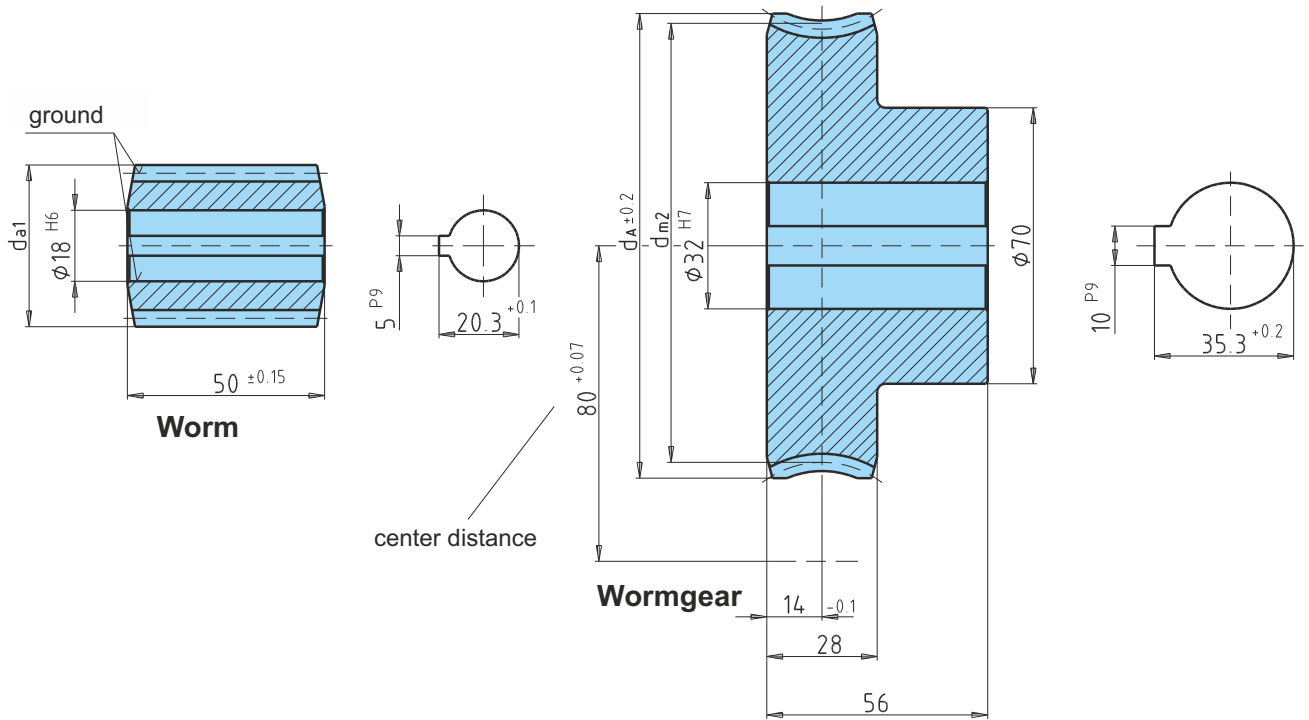


METRIC

A80 (80 mm center distance)



pressure angle 15°

i = gear ratio
 α_m = lead angle
 m = module
 z_1 = number of threads
 d_{m1} = pitch diameter (worm)

d_{a1} = tip diameter (worm)
 z_2 = No. of teeth
 d_{m2} = pitch diameter (worm gear)
 d_A = max. diameter (worm gear)
 T_2 = output torque
 MG = mineral grease

MO = mineral oil / synthetic grease
 SO = synthetic oil

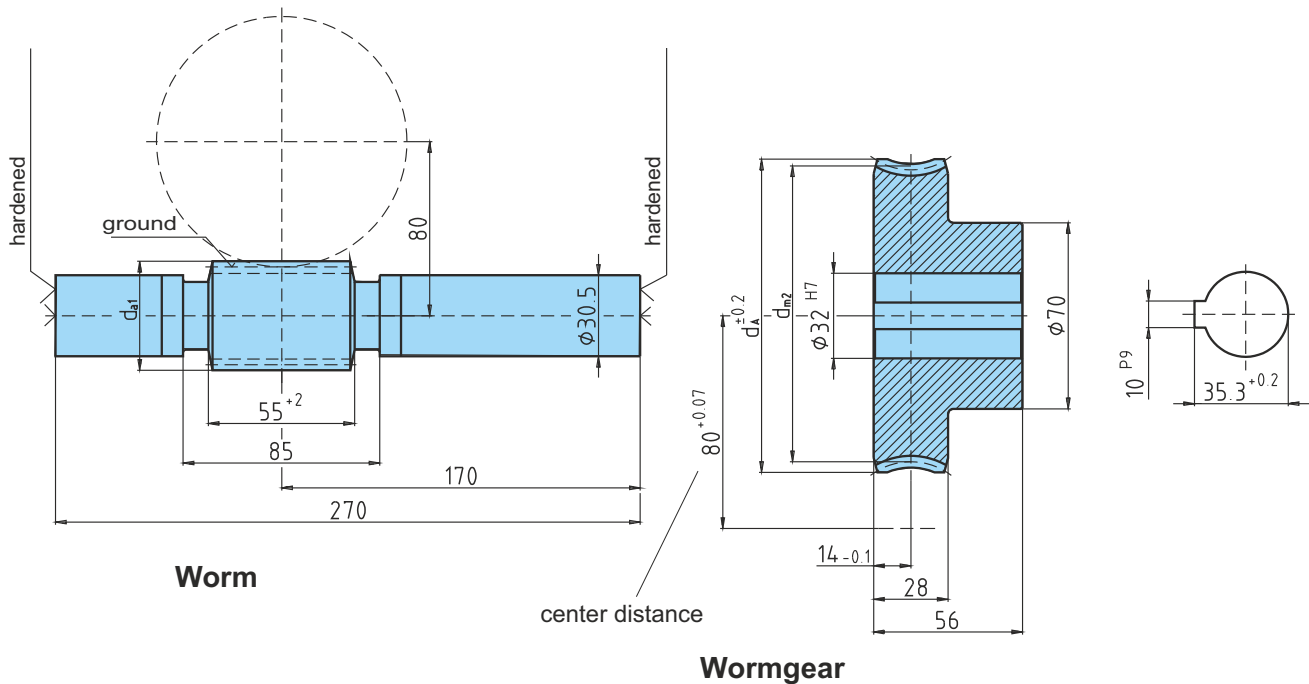
Catalog	i	α_m	m	worm			worm gear			T_2 [Nm] No. Bronze		
				z_1	d_{m1}	d_{a1}	z_2	d_{m2}	d_A	MG	MO	SO
A80U7	6.75:1	23°35'	4	4	40	48	27	120	132	150	180	225
A80U12	12:1	16°36'	2.5	4	35	40	48	125	132,5	243	290	365
A80U20	20:1	8°58'	3	2	38.5	44.5	40	121.5	130,5	290	348	435
A80U30	30:1	5°44'	4	1	40	48	30	120	132,5	348	417	522
A80U50	50:1	4°6'	2.5	1	35	40	50	125	132,5	248	297	372
A80U80	80:1	2°9'	1.5	1	40	43	80	120	124,5	213	255	320

All worms and worm gears stocked right hand only, worm made of case hardened and ground steel (HV 620 - 700).

Worm gear made of CuZn40Al2.



A80 (80 mm center distance)



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Catalog	i	α_m	m	worm			wormgear			T_2 [Nm] No. Bronze		
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A80U80	80:1	2°9'	1.5	1	40	43	80	120	124,5	213	255	320

All worms and worm gears stocked right hand only, worm made of case hardened and ground steel (HV 620 - 700), shafts not hardened.
 Worm gear made of CuZn40Al2.

Subject to technical changes