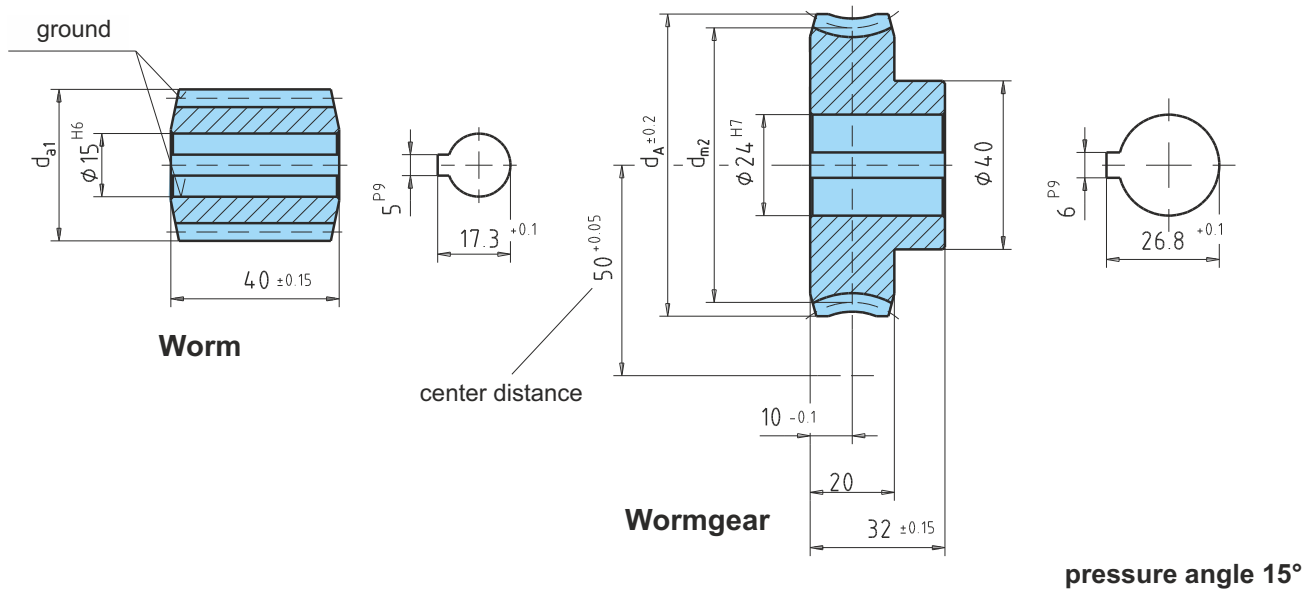


METRIC

A50 (50 mm center distance)



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

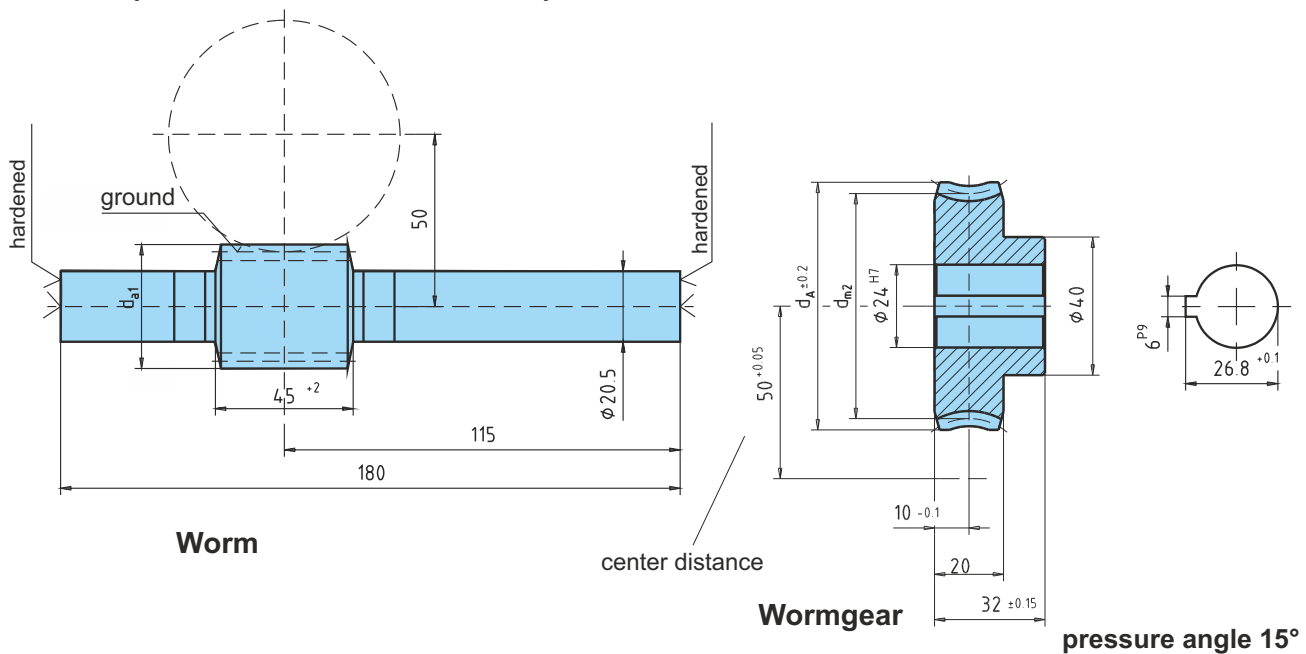
Catalog	i	α_m	m	worm			wormgear			T ₂ [Nm] No. Bronze		
				z ₁	d _{m1}	d _{a1}	z ₂	d _{m2}	d _A	MG	MO	SO
A50U4	4.25:1	25°51'	3.5	4	32.1	39.1	17	67.9	77	34	40.8	51
A50U6	6:1	19°17'	3.5	3	31.8	38.8	18	68.2	77	52	62.4	78
A50U9	8.66:1	13°52'	2.5	3	31.29	36.29	26	68.71	77	64.3	77.1	96.4
A50U12	12:1	10°23'	2.75	2	30.5	36	24	69.5	77	66.4	79.6	99.6
A50U14	13.5:1	9°38'	2.5	2	29.9	34.9	27	70.1	77	62.8	75.4	94.2
A50U19	19:1	6°17'	3.5	1	32	39	19	68	77	78.2	93.8	117.3
A50U23	23:1	5°38'	3	1	30.58	36.58	23	69.42	77	71.1	85.3	106.6
A50U27	27:1	4°40'	2.5	1	30.73	35.73	27	69.27	77	64.5	77.4	96.7
A50U35	35:1	3°51'	2	1	29.78	33.78	35	70.22	77	56.7	68	85
A50U46	46:1	2°47'	1.5	1	30.85	33.85	46	69.15	74	50.6	60.7	75.9
A50U55	55:1	2°19'	1.25	1	30.9	33.4	55	69.1	74	46.2	55.4	69.3
A50U69	69:1	1°51'	1	1	30.9	32.9	69	69.1	74	41.4	49.6	62.8

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/So.

Subject to technical changes



A50 (50 mm center distance)



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			wormgear			T_2 [Nm] No. Bronze		
				z_1	d_{m1}	d_{a1}	z_2	d_{m2}	d_A	MG	MO	SO
A50U4	4.25:1	25°51'	3.5	4	32.1	39.1	17	67.9	77	34	40.8	51
A50U6	6:1	19°17'	3.5	3	31.8	38.8	18	68.2	77	52	62.4	78
A50U9	8.66:1	13°52'	2.5	3	31.29	36.29	26	68.71	77	64.3	77.1	96.4
A50U12	12:1	10°23'	2.75	2	30.5	36	24	69.5	77	66.4	79.6	99.6
A50U14	13.5:1	9°38'	2.5	2	29.9	34.9	27	70.1	77	62.8	75.4	94.2
A50U19	19:1	6°17'	3.5	1	32	39	19	68	77	78.2	93.8	117.3
A50U23	23:1	5°38'	3	1	30.58	36.58	23	69.42	77	71.1	85.3	106.6
A50U27	27:1	4°40'	2.5	1	30.73	35.73	27	69.27	77	64.5	77.4	96.7
A50U35	35:1	3°51'	2	1	29.78	33.78	35	70.22	77	56.7	68	85
A50U46	46:1	2°47'	1.5	1	30.85	33.85	46	69.15	74	50.6	60.7	75.9
A50U55	55:1	2°19'	1.25	1	30.9	33.4	55	69.1	74	46.2	55.4	69.3
A50U69	69:1	1°51'	1	1	30.9	32.9	69	69.1	74	41.4	49.6	62.8

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/So.

Subject to technical changes