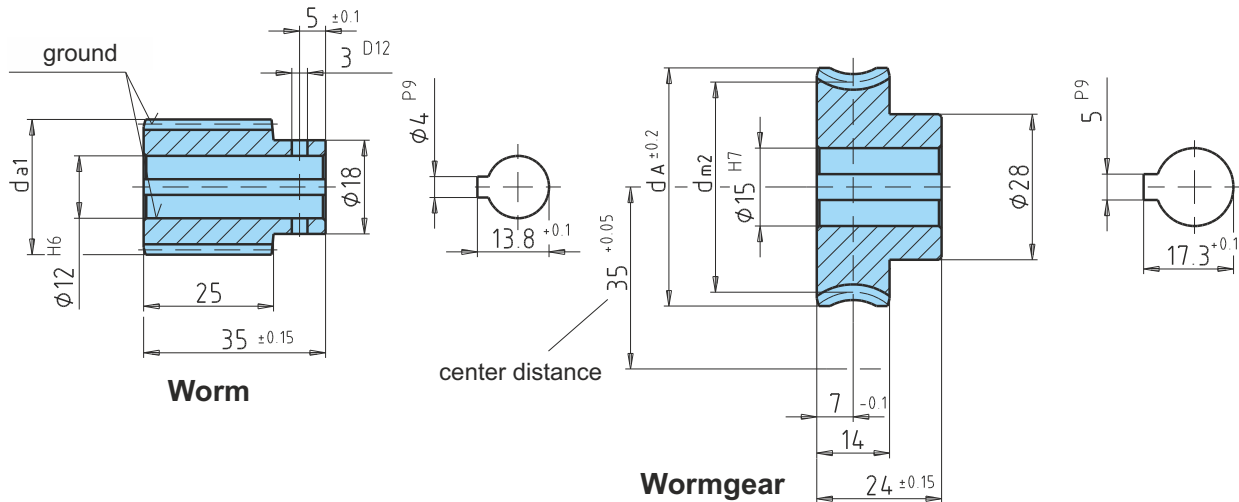




A35 (35 mm center distance)



pressure angle 15°

i = gear ratio
 γ = 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	γ	m	worm			wormgear			T_2 [Nm] No. Bronze		
				z_1	d_{m1}	d_{a1}	z_2	d_{m2}	d_A	MG	MO	SO
A35U3*	2.78:1	31°01'	1.5	9	26.2	29.2	25	43.8	46.76	6.6	8.2	10.2
A35U5	5:1	22°52'	1.75	5	22.52	26.02	25	47.48	53	15.3	18.4	22.9
A35U7	7.25:1	13°47'	1.5	4	25.18	28.18	29	44.82	50	14.7	17.6	22
A35U8	8:1	14°25'	1.9	3	22.89	26.69	24	47.11	53	16.7	20	25
A35U10	10:1	10°43'	1.5	3	24.2	27.2	30	45.8	51	16	19.2	24
A35U11	11:1	10°32'	1.4	3	22.98	25.78	33	47.02	52	16.7	20	25
A35U12	12:1	9°11'	1.9	2	23.8	27.6	24	46.2	52	16.1	19.3	24
A35U15	15:1	7°	1.5	2	24.62	27.62	30	45.38	50	15.3	18.4	22.9
A35U20	20:1	5°33'	1.15	2	23.78	26.08	40	46.22	50.5	14.8	17.8	22.2
A35U25	25:1	4°9'	0.9	2	24.87	26.67	50	45.13	49	12.9	15.5	19.3
A35U30	30:1	3°27'	1.5	1	24.92	27.92	30	45.08	50	15	18	22.5
A35U35	35:1	3°51'	1.4	1	20.85	23.65	35	49.15	53	17.1	20.5	25.6
A35U40	40:1	2°45'	1.15	1	23.91	26.21	40	46.09	50.5	14.7	17.6	22
A35U50	50:1	2°4'	0.9	1	24.93	26.73	50	45.07	49	12.9	15.5	19.3
A35U58	58:1	2°21'	0.85	1	20.65	22.35	58	49.35	53	14.5	17.4	21.7
A35U90	90:1	1°9'	0.5	1	25	26	90	45	49	9.1	10.9	13.6

* The worm gear of the A35U3 gear set can also be delivered as a crossed helical gear, pressure angle 20°.

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