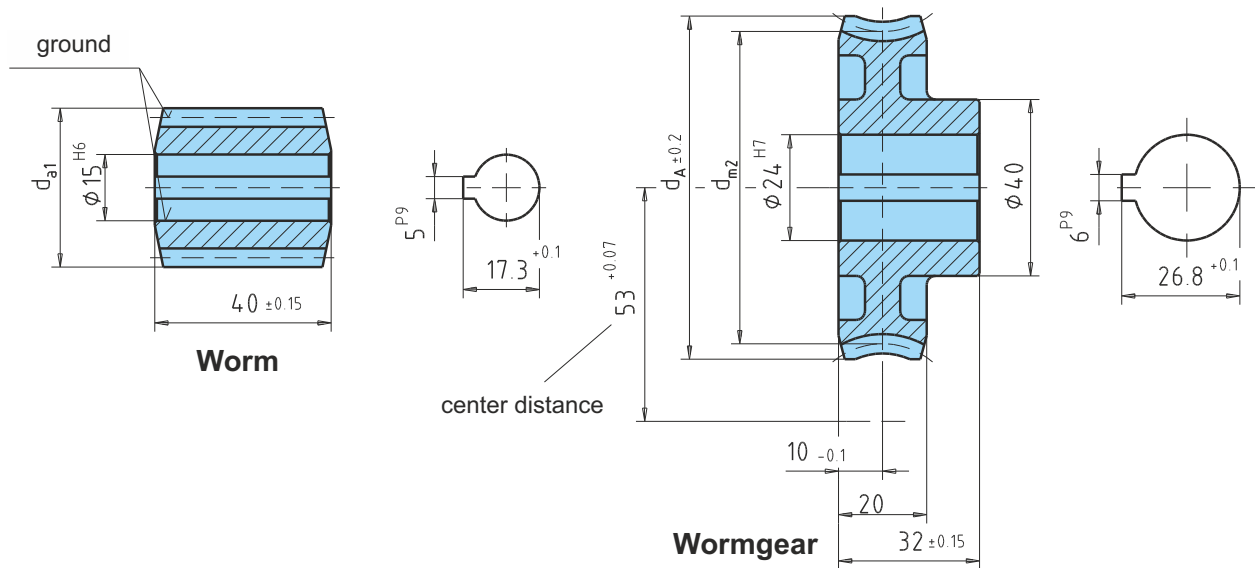


METRIC

A53 (53 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	worm						wormgear			T ₂ [Nm] No. Bronze		
	i	α_m	m	z ₁	d _{m1}	d _{a1}	z ₂	d _{m2}	d _A	MG	MO	SO
A53U5	4.75:1	25°51'	3.5	4	32.1	39.1	19	73.9	83	45	54	67.5
A53U7	6.67:1	19°17'	3.5	3	31.8	38.8	20	74.2	84	67	81	101
A53U10	9.67:1	13°52'	2.5	3	31.29	36.29	29	74.71	82	77	93	116
A53U14	13.5:1	10°23'	2.75	2	30.5	36	27	75.5	84	80	96	120
A53U15	15:1	9°38'	2.5	2	29.9	34.9	30	76.1	83	75	90	113
A53U21	21:1	6°17'	3.5	1	32	39	21	74	83	94	113	141
A53U25	25:1	5°38'	3	1	30.58	36.58	25	75.42	84	84	101	127
A53U28	28:1	3°59'	2.5	1	36	41	28	70	77.5	87	104	130
A53U30	30:1	4°40'	2.5	1	30.73	35.73	30	75.27	83	77	93	116
A53U38	38:1	3°51'	2	1	29.78	33.78	38	76.21	83	68	81	102
A53U50	50:1	2°47'	1.5	1	30.85	33.85	50	75.15	81	60	72	90
A53U60	60:1	2°19'	1.25	1	30.9	33.4	60	75.1	80	55	66	82
A53U75	75:1	1°51'	1	1	30.9	32.9	75	75.1	78	49	59	74

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