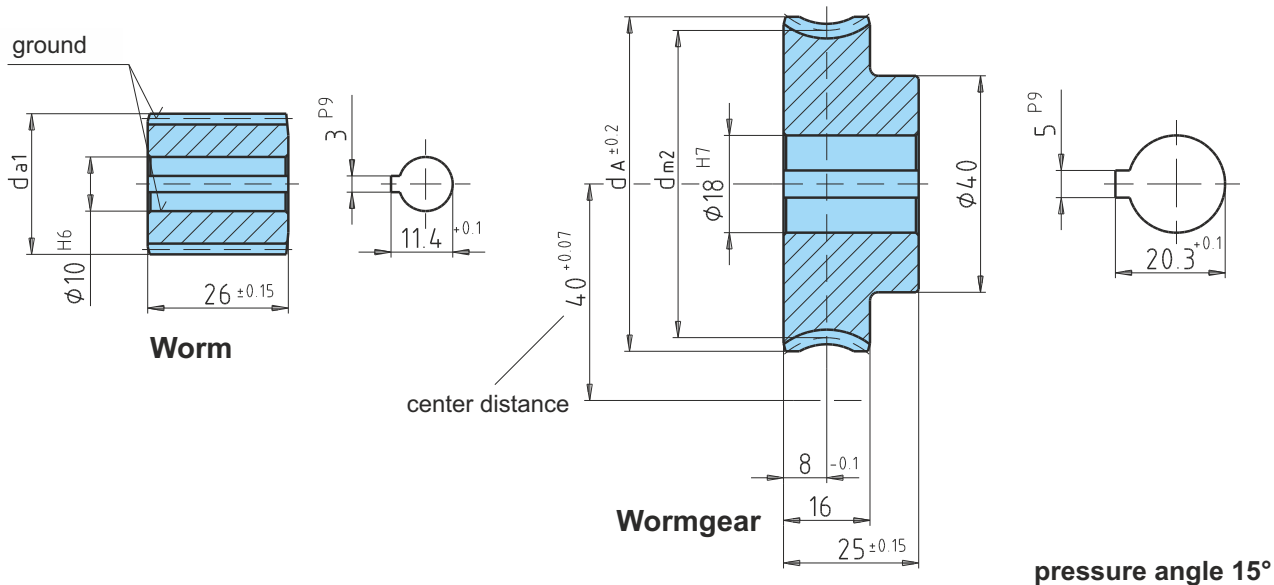


METRIC

A40 (40 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				worm			worm gear			T_2 [Nm] No. Bronze		
	i	α_m	m	z_1	d_{m1}	d_{a1}	z_2	d_{m2}	d_A	MG	MO	SO
A40U7	6.75:1	21°19'	2	4	22	26	27	58	64	29.5	35.4	44.2
A40U8	8:1	16°35'	2.25	3	23.64	28.14	24	56.36	62.5	27.5	33	41.2
A40U10	10:1	16°1'	1.9	3	20.66	24.46	30	59.34	65	29.5	35.4	44.2
A40U12	12:1	10°21'	1.5	3	25.05	28.05	36	54.95	60	25.2	30.2	37.8
A40U15	15:1	9°53'	1.9	2	22.14	25.94	30	57.86	64	28	33.6	42
A40U20	20:1	8°59'	1.5	2	19.2	22.2	40	60.8	66	28.9	34.6	43.3
A40U25	25:1	5°58'	1.15	2	22.15	24.45	50	57.85	62	24.4	29.2	36.6
A40U28	28:1	4°47'	2	1	24	28	28	56	61.5	28.4	34	42.6
A40U30	30:1	5°50'	2	1	19.68	23.68	30	60.32	66	30.1	36.1	45.1
A40U35	35:1	5°26'	1.75	1	18.48	21.98	35	61.52	67	31	37.2	46.5
A40U36	36:1	3°19'	1.5	1	25.91	28.91	36	54.09	59	23.9	28.6	35.8
A40U40	40:1	4°20'	1.5	1	19.83	22.83	40	60.17	65	28.3	33.9	42.4
A40U50	50:1	4°8'	1.25	1	17.3	19.8	50	62.7	68	27	32.4	40.5
A40U56	56:1	2°23'	1	1	24	26	56	56	59	21.9	26.2	32.8
A40U60	60:1	1°59'	0.9	1	25.92	27.72	60	54.08	57.5	19.3	23.1	28.9
A40U70	70:1	3°3'	0.9	1	16.91	18.71	70	63.09	67	24.1	28.9	36.1
A40U75	75:1	1°48'	0.75	1	23.75	25.25	75	56.26	60	18.8	22.5	28.2
A40U80	80:1	2°10'	0.75	1	19.9	21.4	80	60.1	64	20.1	24.1	30.1
A40U90	90:1	2°22'	0.7	1	16.95	18.35	90	63.05	67	19.1	22.9	28.6

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