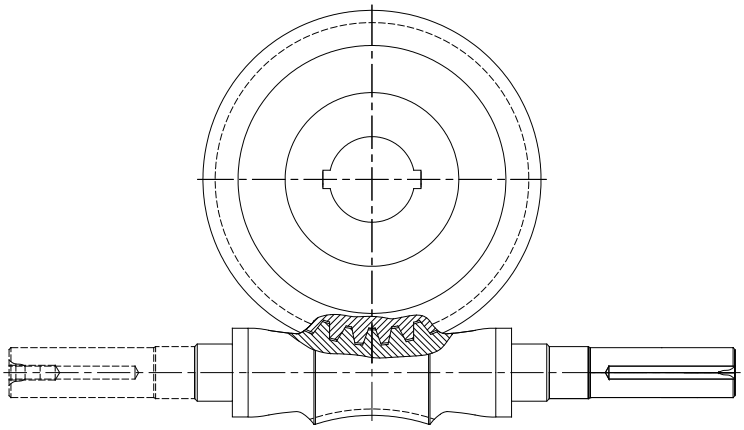
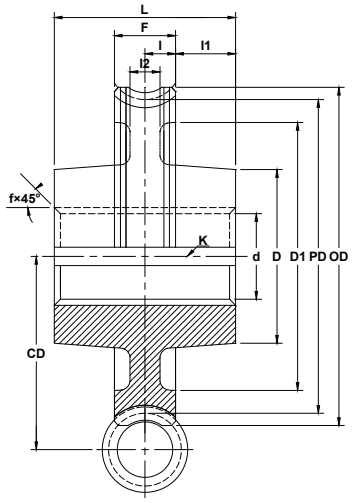
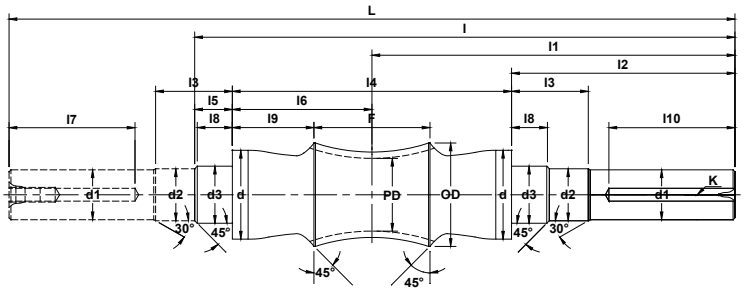
Double Enveloping Worms and Worm Gears
Center Distance: 8.000







8.000

Worm	L	I	F	d	d1 $^{+0.000}_{-0.001}$	d2±0.002	d3 $^{+0.000}_{-0.001}$	I1	I2	I3	I4±0.002	I5	I6	I7	I8	I9	I10	K
	31.00	22.50	5.00	4.125	2.000	2.125	3.0025	15.50	10.375	2.94	10.250	1.875	5.125	4.75	1.82	2.62	4.75	1/2×1/4

Worm Gear	L±0.005	I	F	d $^{+0.000}_{-0.001}$	D	D1	I1	I2	K	f
	5.750	1.125	2.250	4.000	6.12	11.09	1.750	1.25	7/8×7/16	0.06

Worm Gear Set		Worm			Worm Gear		
CD	Ratio	THC Gear #	PD	OD	THC Gear #	PD	OD
8.000	5:1	TPW8-5R	3.450	4.625	TPWG8-5R	12.550	13.210
8.000	10:1	TPW8-10R	2.800	4.125	TPWG8-10R	13.200	13.960
8.000	15:1	TPW8-15R	2.940	4.125	TPWG8-15R	13.060	13.750
8.000	20:1	TPW8-20R	2.800	4.125	TPWG8-20R	13.200	13.960
8.000	25:1	TPW8-25R	2.900	4.125	TPWG8-25R	13.100	13.750
8.000	30:1	TPW8-30R	2.940	4.125	TPWG8-30R	13.060	13.750
8.000	40:1	TPW8-40R	2.800	4.125	TPWG8-40R	13.200	13.960
8.000	50:1	TPW8-50R	2.900	4.125	TPWG8-50R	13.100	13.750
8.000	60:1	TPW8-60R	2.910	4.125	TPWG8-60R	13.090	13.750
8.000	70:1	TPW8-70R	2.960	3.960	TPWG8-70R	13.040	13.750

Note:
1 All dimensions are in inches.
2 Dimensions and other engineering data are subject to change, Certified specifications are available on request.