



Specifications			
Item	Worm	Worm Gear	Worm Gear Hub
Hand of Helix	Right	Right	-
Material	42CrMo or 38CrMoAl	ZCuSn10Pb1	C45
Heat Treatment	Quenching and Tempering	-	Quenching and tempering
Tooth Surface Treatment	Nitriding	-	-
Tooth Surface Finish	Ground	Cut	-
Tooth Hardness	HRC55-60	HBW885	HB240-270
Precision Grade	GB 7	GB 7	-

Rated Power and Torques of Worms and Worm Sets

Ratio	n ₁	n ₂	P _{1N}	T _{2N}	η
	rpm	rpm	KW	N.m	%
10.25	1500	146	19.7	1170	91
	1000	98	18.2	1621	91
	750	73	15.3	1797	90
	500	49	12.3	2119	88
13.33	1500	113	17.3	1321	90
	1000	75	15.4	1764	90
	750	56	12.7	1919	89
	500	38	9.67	2142	87
16.5	1500	91	14.6	1365	89
	1000	61	13.2	1851	89
	750	45	10.7	1978	88
	500	30	8.29	2221	85
20	1500	75	12.3	1363	87
	1000	50	10.6	1761	87
	750	37.5	8.75	1916	86
	500	25	6.79	2153	83
25.5	1500	59	10.1	1410	86
	1000	39	8.64	1809	86
	750	29	7.37	2010	84
	500	20	5.53	2155	80
33	1500	45	8.18	1392	81
	1000	30	7.14	1823	81
	750	23	5.3	1782	80
	500	15	4.61	2208	76
40	1500	38	6.68	1310	77
	1000	25	5.53	1627	77
	750	19	4.84	1874	76
	500	13	3.57	1964	72
50	1500	30	5.41	1274	74
	1000	20	4.72	1668	74
	750	15	3.92	1822	73
	500	10	2.99	1970	69
62	1500	24	4.38	1228	71
	1000	16	3.92	1648	71
	750	12	3.57	1973	70
	500	8	2.42	1891	66

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