



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	35.7	2143	92
	1000	98	33	2972	92
	750	73	27.8	3302	91
	500	49	22.4	3903	89
14.33	1500	105	29	2408	91
	1000	70	26.1	3250	91
	750	52	21.3	3478	89.5
	500	35	16.3	3904	87.5
17.5	1500	86	24.4	2433	89.5
	1000	57	20.9	3109	89
	750	43	17.6	3451	88
	500	29	13.4	3807	85
21.5	1500	70	22.4	2698	88
	1000	47	19.2	3469	88
	750	35	15.9	3787	87
	500	23	12.3	4243	84
26.5	1500	57	20.5	3009	87
	1000	38	17.6	3875	87
	750	28	14.6	4212	85.5
	500	19	11.3	4690	82
33	1500	45	14.8	2550	82
	1000	30	13	3359	82
	750	23	9.61	3271	81
	500	15	8.36	4031	76.5
40	1500	38	12.1	2404	78
	1000	25	10	2980	78
	750	19	8.78	3443	77
	500	13	6.48	3614	73
50	1500	30	9.82	2345	75
	1000	20	8.57	3069	75
	750	15	7.1	3345	74
	500	10	5.43	3630	70
65	1500	23	7.94	2366	72
	1000	15	7.1	3173	72
	750	12	6.48	3808	71
	500	8	4.39	3652	67

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