



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	1500	150	105	6284	94
	1000	100	97	8708	94
	750	75	81.6	9663	93
	500	50	65.7	11419	91
12.5	1500	120	92	6846	93.5
	1000	80	82.2	9175	93.5
	750	60	67.5	9884	92
	500	40	51.5	11066	90
16	1500	94	77.9	7301	92
	1000	63	70.6	9925	92
	750	47	57.1	10586	91
	500	31	44.2	11887	88
20	1500	75	65.7	7529	90
	1000	50	56.5	9712	90
	750	38	46.6	10621	89.5
	500	25	36.2	11892	86
25	1500	60	54	7607	88.5
	1000	40	46	9720	88.5
	750	30	39.3	10884	87
	500	20	29.5	11832	84
31.5	1500	48	43.6	7345	84
	1000	32	38	9602	84
	750	24	28.2	9388	83
	500	16	24.5	11498	78
40	1500	38	35.6	7253	80
	1000	25	29.5	9015	80
	750	19	25.8	10381	79
	500	13	19	10887	75
50	1500	30	28.8	7059	77
	1000	20	25.2	9265	77
	750	15	20.9	10113	76
	500	10	16	11002	72
63	1500	24	23.3	6916	74
	1000	16	20.9	9305	74
	750	12	19	11127	73
	500	8	12.9	10711	69

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