Gears, Gear Racks & Worm Gears

CAPT supplies all series of spur gears, bevel gears, gear racks, worm wheels, worms and other similar transmission parts. All the products are designed according to international standards, in accordance with ANSI and ISO standards. Our products are finely manufactured with high quality. They have a ready market overseas and adopted by many users.

Our products scope is from DP3 to DP24 with pressure angle 14 1/2° and 20°





The gears, worm wheels and worms can be made of S45C, GG25, GGG40 or nylon, alloy copper. The surface can be treated according to different requests such as black oxide, phosphating, painting or plating.

The racks are made of high-grade C45 steel. The racks have high transmitting precision and are available in all series.

CAPT can offer the gears, racks and other products based on special requests from customers.

Shijiazhuang CAPT Power Transmission Co., Ltd.

Gears, Gear Racks & Worm Gears

P354



Stock Bore

Steel Stock Spur Gears
Cast Iron Stock Spur Gears
Machined Gear Racks

Pressure Angle:14 1/2° 20°
Pitch:3DP-24DP

P371



Finished Bore

Steel Stock Spur Gears

Pressure Angle:14 1/2°
Pitch:8DP 10DP 12DP 16DP

P373



Taper Bore

STL Spur Gears

Pressure Angle:14 1/2° 20°
Pitch:3DP-16DP

P383



Stock Bore

Steel Miter Gears

Pressure Angle:14 1/2° 20°
Pitch:4DP-16DP

P388



Stock Bore

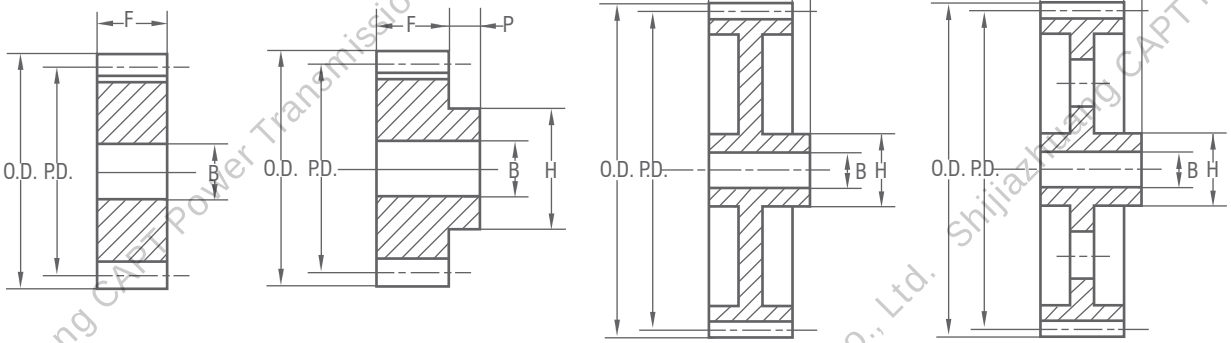
Worm & Worm Gears

Pressure Angle:14 1/2°
Pitch:3DP-16DP

Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears

Pressure Angle **14 1/2°**



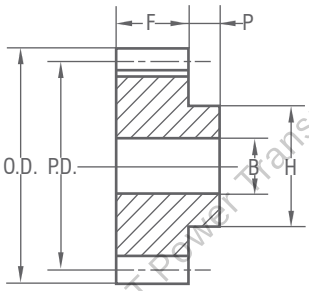
Type A Type B Type B1 Type B2

Z	3DP 3"Face						4DP 2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
11	4.666	4.000	A	—	3	12.0	3.50	3.00	B	2 1/4	2 7/8	4.0
12	4.666	4.000	A	—	3	11.0	3.50	3.00	B	2 1/4	2 7/8	3.9
13	5.000	4.333	A	—	3	10.7	3.75	3.25	B	2 1/4	2 7/8	4.6
14	5.333	4.667	A	—	3	12.8	4.00	3.50	B	2 3/4	2 7/8	5.7
15	5.666	5.000	A	—	3	14.8	4.25	3.75	B	3	2 7/8	6.8
16	6.000	5.333	A	—	3	17.0	4.50	4.00	B	3 1/4	2 7/8	8.0
17	6.333	5.666	A	—	3	19.5	4.75	4.25	B	3 1/2	2 7/8	9.2
18	6.666	6.000	A	—	3	22.0	5.00	4.50	B	3 3/4	2 7/8	10.4
19	7.000	6.333	A	—	3	27.4	5.25	4.75	B	4	2 7/8	10.5
20	7.333	6.667	A	—	3	30.7	5.50	5.00	B	4 1/4	2 7/8	13.4
21	7.666	7.000	A	—	3	48.2	5.75	5.25	B	4 1/2	2 7/8	14.9
22	8.000	7.333	A	—	3	55.0	6.00	5.50	B	4 3/4	2 7/8	16.5
24	8.666	8.000	B	5 1/2	4 1/4	74.5	6.50	6.00	B	4 3/4	3 1/2	22.8
26	9.333	8.666	B	5 1/2	4 1/4	83.6	7.00	6.50	B	4 3/4	3 1/2	24.8
28	10.000	9.333	B	6 1/4	4 1/4	98.0	7.50	7.00	B	4 3/4	3 1/2	27.8
30	10.666	10.000	B	6 1/4	4 1/4	114	8.00	7.50	B	4 3/4	3 1/2	31.0
32	11.333	10.666	B	6 1/4	4 3/4	119	8.50	8.00	B	4 3/4	3 1/2	34.4
36	12.666	12.000	B	6 1/2	4 3/4	106	9.50	9.00	B	4 3/4	3 1/2	41.7
40	14.000	13.333	B_1	6 1/2	4 3/4	115	10.50	10.00	B	5 1/8	3 1/2	51.8
42	14.666	14.000	B_1	6 1/2	4 3/4	120	11.00	10.50	B	5 1/8	3 1/2	56.0
44	15.333	14.666	B_1	6 1/2	4 3/4	129	11.50	11.00	B	5 1/8	3 1/2	60.8
48	16.666	16.000	B_1	6 1/2	4 3/4	134	12.50	12.00	B	5 1/8	3 1/2	70.8
54	18.666	18.000	B_2	6 1/2	4 3/4	150	14.00	13.50	B_1	5	3 1/2	57.4
56	19.333	18.666	B_2	6 1/2	4 3/4	165	14.50	14.00	B_1	5	3 1/2	59.9
60	20.666	20.000	B_2	6 1/2	4 3/4	180	15.50	15.00	B_2	5	3 1/2	62.8
64	22.000	21.333	B_2	6 1/2	4 3/4	195	16.50	16.00	B_2	5	3 1/2	66.2
72	24.666	24.000	B_2	7	4 3/4	215	18.50	18.00	B_2	5 1/2	3 1/2	82.9
80	27.333	26.666	B_2	7	4 3/4	238	20.50	20.00	B_2	5 1/2	3 1/2	92.0
84	28.666	28.000	B_2	7	4 3/4	264	21.50	21.00	B_2	5 1/2	3 1/2	95.0
88	30.000	29.333	B_2	7	4 3/4	288	22.50	22.00	B_2	6 1/8	3 3/4	95.8
96	32.666	32.000	B_2	7	4 3/4	305	24.50	24.00	B_2	6 1/8	3 3/4	124
108	36.666	36.000	B_2	7	4 3/4	322	27.50	27.00	B_2	6 1/4	3 3/4	138
120	40.666	40.000	B_2	7 1/2	4 3/4	367	30.50	30.00	B_2	6 1/4	3 3/4	155
144							36.50	36.00	B_2	6 1/2	3 3/4	208

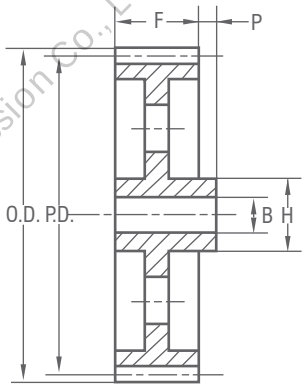
Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears

Pressure Angle **14 1/2°**



Type B



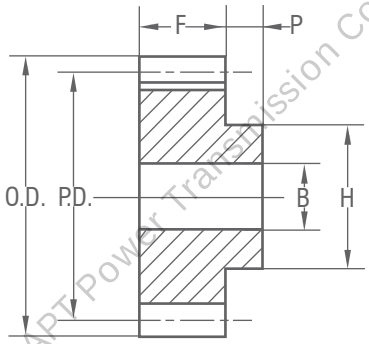
Type B2



Z	5DP 1 3/4"Face						6DP 1 1/2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
11	2.80	2.40	B	1 25/32	2 5/8	2.0	2.333	2.000	B	1 1/2	2 3/8	1.1
12	2.80	2.40	B	1 25/32	2 5/8	2.0	2.333	2.000	B	1 1/2	2 3/8	1.1
13	3.00	2.60	B	2	2 5/8	2.6	2.500	2.167	B	1 3/4	2 3/8	1.5
14	3.20	2.80	B	2 3/16	2 5/8	3.1	2.666	2.333	B	1 3/16	2 3/8	1.8
15	3.40	3.00	B	2 3/8	2 5/8	3.7	2.833	2.500	B	2	2 3/8	2.2
16	3.60	3.20	B	2 19/32	2 5/8	4.5	3.000	2.666	B	2 5/32	2 3/8	2.6
17	3.80	3.40	B	2 7/8	2 5/8	5.2	3.167	2.833	B	2 7/16	2 3/8	2.9
18	4.00	3.60	B	3	2 5/8	5.9	3.333	3.000	B	2 1/2	2 3/8	3.5
19	4.20	3.80	B	3 1/4	2 5/8	6.7	3.500	3.167	B	2 3/4	2 3/8	3.9
20	4.40	4.00	B	3 3/8	2 5/8	7.5	3.666	3.333	B	2 27/32	2 3/8	4.6
21	4.60	4.20	B	3 3/8	2 5/8	8.1	3.833	3.500	B	3	2 3/8	5.1
22	4.80	4.40	B	3 3/8	2 5/8	8.8	4.000	3.666	B	3	2 3/8	5.5
23	5.00	4.60	B	3 3/8	2 5/8	9.5	4.167	3.823	B	3	2 1/2	5.9
24	5.20	4.80	B	3 3/8	3	11.0	4.333	4.000	B	3	2 1/2	6.5
25	5.40	5.00	B	3 3/8	3	11.8	4.500	4.167	B	3	2 1/2	6.5
26	5.60	5.20	B	3 3/8	3	12.9	4.666	4.330	B	3	2 1/2	6.8
27	5.80	5.40	B	3 3/8	3	13.5	4.833	4.500	B	3	2 1/2	7.6
28	6.00	5.60	B	3 3/8	3	14.3	5.000	4.666	B	3	2 1/2	8.3
30	6.40	6.00	B	3 3/8	3	16.0	5.333	5.000	B	3 1/8	2 1/2	9.5
32	6.80	6.40	B	4 1/4	3	18.0	5.666	5.333	B	3 1/8	2 1/2	10.7
33	7.00	6.60	B	4 1/4	3	19.5	5.833	5.500	B	3 1/4	2 1/2	11.3
35	7.40	7.00	B	4 1/4	3	22.8	6.167	5.833	B	3 1/4	2 1/2	12.2
36	7.60	7.20	B	4 1/4	3	25.3	6.333	6.000	B	3 1/4	2 1/2	13.3
39	8.20	7.80	B	4 1/4	3	26.9	6.833	6.500	B	4	2 1/2	16.6
40	8.40	8.00	B	4 1/4	3	28.5	7.000	6.666	B	4	2 1/2	17.6
42	8.80	8.40	B	4 5/8	3	33.0	7.333	7.000	B	4	2 1/2	18.9
45	9.40	9.00	B	4 5/8	3	35.0	7.833	7.500	B	4	2 1/2	21.3
48	10.00	9.60	B	4 3/4	3	39.5	8.333	8.000	B	4 1/8	2 1/2	24.3
50	10.40	10.00	B	4 3/4	3	43.6	8.666	8.333	B	4 1/4	2 1/2	25.8
52	10.80	10.40	B	4 3/4	3	46.7	9.000	8.666	B	4 1/4	2 1/2	27.9
54	11.20	10.80	B	4 3/4	3	49.3	9.333	9.000	B	4 3/8	2 1/2	30.4
55	11.40	11.00	B	4 3/4	3	52.0	9.500	9.166	B	4 3/8	2 1/2	31.8
58	12.00	11.60	B	4 3/4	3	56.1	10.000	9.666	B	4 3/8	2 1/2	33.9
60	12.40	12.00	B	4 3/4	3	60.9	10.333	10.000	B	4 3/8	2 3/4	34.3
64	13.20	12.80	B	4 3/4	3	70.5	11.000	10.666	B	4 3/8	2 3/4	42.2
66	13.60	13.20	B	4 3/4	3	73.8	11.333	11.000	B	4 3/8	2 3/4	50.0
70	14.40	14.00	B_2	5	3	48.4						

Steel Stock Spur Gears

Pressure Angle **14 1/2°**



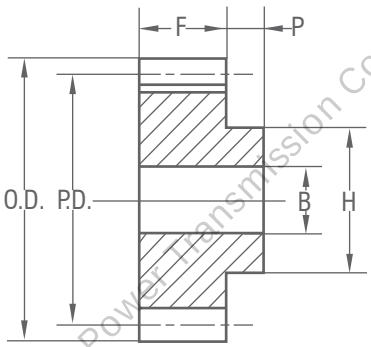
Type B



Z	8DP 1 1/4"Face						10DP 1"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
11	1.750	1.500	B	1 1/8	2	0.5	1.400	1.200	B	15/16	1 5/8	0.3
12	1.750	1.500	B	1 1/8	2	0.5	1.400	1.200	B	15/16	1 5/8	0.3
13	1.875	1.625	B	1 1/4	2	0.7	1.500	1.300	B	1	1 5/8	0.3
14	2.000	1.750	B	1 3/8	2	0.9	1.600	1.400	B	1 1/8	1 5/8	0.4
15	2.125	1.875	B	1 1/2	2	0.9	1.700	1.500	B	1 7/32	1 5/8	0.5
16	2.250	2.000	B	1 5/8	2	1.1	1.800	1.600	B	1 5/16	1 5/8	0.6
17	2.375	2.125	B	1 3/4	2	1.3	1.900	1.700	B	1 3/8	1 5/8	0.6
18	2.500	2.250	B	1 7/8	2	1.6	2.00	1.800	B	1 17/32	1 5/8	0.8
19	2.625	2.375	B	2	2	1.8	2.100	1.900	B	1 9/16	1 5/8	0.9
20	2.750	2.500	B	2 1/8	2	2.0	2.200	2.000	B	1 23/32	1 5/8	1.0
21	2.875	2.625	B	2 1/4	2	2.3	2.300	2.100	B	1 3/4	1 5/8	1.2
22	3.000	2.750	B	2 3/8	2	2.6	2.400	2.200	B	1 7/8	1 5/8	1.3
24	3.250	3.000	B	2 5/8	2 1/4	3.6	2.600	2.400	B	2 1/8	1 5/8	1.6
25	3.375	3.125	B	2 5/8	2 1/4	3.8	2.700	2.500	B	2 1/8	1 5/8	1.8
26	3.500	3.250	B	2 5/8	2 1/4	3.9	2.800	2.600	B	2 1/8	1 5/8	1.9
28	3.750	3.500	B	2 5/8	2 1/4	4.4	3.000	2.800	B	2 1/8	1 7/8	2.3
30	4.000	3.750	B	2 3/4	2 1/4	5.1	3.200	3.000	B	2 1/8	1 7/8	2.6
32	4.250	4.000	B	2 7/8	2 1/4	5.6	3.400	3.200	B	2 1/8	1 7/8	2.9
35	4.625	4.375	B	3	2 1/4	6.2	3.700	3.500	B	2 1/4	1 7/8	3.4
36	4.750	4.500	B	3	2 1/4	7.0	3.8000	3.600	B	2 1/4	1 7/8	3.5
38	5.000	4.750	B	3	2 1/4	7.8	4.00	3.800	B	2 1/4	1 7/8	3.8
40	5.250	5.000	B	3	2 1/4	8.3	4.200	4.000	B	2 1/4	1 7/8	4.1
42	5.500	5.250	B	3	2 1/4	9.0	4.400	4.200	B	2 1/4	1 7/8	4.5
44	5.750	5.500	B	3	2 1/4	9.7	4.600	4.400	B	2 1/2	1 7/8	5.0
45	6.000	5.750	B	3	2 1/4	10.3	4.700	4.500	B	2 1/2	1 7/8	5.3
48	6.250	6.000	B	3	2 1/4	11.3	5.000	4.800	B	2 1/2	1 7/8	5.9
50							5.200	5.000	B	2 1/2	1 7/8	6.4
54							5.600	5.400	B	2 1/2	1 7/8	7.8
55							5.700	5.500	B	2 1/2	1 7/8	7.9
60							6.200	6.000	B	2 1/2	1 7/8	8.7

Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears



Type B

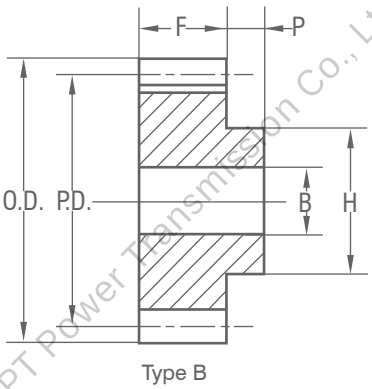
Pressure Angle 14 1/2°



Z	12DP 3/4"Face						16DP 1/2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
11	1.167	1.000	B	3/4	1 1/4	0.14	0.875	0.750	B	9/16	15/16	0.06
12	1.167	1.000	B	3/4	1 1/4	0.16	0.875	0.750	B	9/16	15/16	0.06
13	1.250	1.083	B	13/16	1 1/4	0.20	0.937	0.812	B	5/8	15/16	0.08
14	1.333	1.167	B	29/32	1 1/4	0.24	1.000	0.875	B	11/16	15/16	0.10
15	1.417	1.250	B	1	1 3/8	0.27	1.062	0.937	B	3/4	15/16	0.12
16	1.500	1.333	B	1 1/16	1 3/8	0.34	1.125	1.000	B	13/16	15/16	0.14
17	1.580	1.413	B	1 1/8	1 3/8	0.36	1.187	1.062	B	7/8	15/16	0.16
18	1.667	1.500	B	1 1/4	1 3/8	0.42	1.250	1.125	B	15/16	15/16	0.20
19	1.750	1.583	B	1 5/16	1 3/8	0.48	1.312	1.187	B	1	15/16	0.22
20	1.833	1.667	B	1 13/32	1 3/8	0.56	1.375	1.250	B	1 1/16	15/16	0.24
21	1.917	1.750	B	1 1/2	1 3/8	0.64	1.438	1.312	B	1 1/8	15/16	0.28
22	2.000	1.833	B	1 9/16	1 3/8	0.70	1.500	1.375	B	1 3/16	15/16	0.32
23	2.083	1.917	B	1 5/8	1 3/8	0.78	1.562	1.437	B	1 1/4	15/16	0.34
24	2.166	2.000	B	1 3/4	1 3/8	0.88	1.625	1.500	B	1 5/16	15/16	0.42
25	2.250	2.083	B	1 27/32	1 3/8	0.96	1 688	1.562	B	1 3/8	15/16	0.49
26	2.333	2.167	B	1 15/16	1 3/8	1.14	1.750	1.625	B	1 7/16	15/16	0.52
28	2.500	2.333	B	2 1/16	1 3/8	1.34	1.875	1.750	B	1 1/2	1	0.60
30	2.667	2.500	B	2 1/4	1 3/8	1.60	2.000	1.875	B	1 5/8	1	0.70
32	2.833	2.667	B	2 1/4	1 3/8	1.72	2.125	2.000	B	1 3/4	1	0.80
34	3.000	2.833	B	2 1/4	1 3/8	1.88	2.250	2.125	B	1 7/8	1	0.92
36	3.167	3.000	B	2 1/2	1 3/8	2.20	2.375	2.250	B	2	1	0.98
38	3.333	3.167	B	2 1/2	1 3/8	2.38	2.500	2.375	B	2	1	1.1
40	3.500	3.333	B	2 1/2	1 3/8	2.54	2.626	2.500	B	2	1	1.2
42	3.666	3.500	B	2 1/2	1 3/8	2.72	2.750	2.626	B	2	1	1.3
44	3.833	3.667	B	2 1/2	1 3/8	2.94	2.875	2.750	B	2	1	1.4
48	4.166	4.000	B	2 1/2	1 3/8	3.50	3.125	3.000	B	2	1	1.5
52	4.500	4.333	B	2 3/4	1 1/2	3.90	3.375	3.250	B	2	1	1.6
54	4.666	4.500	B	2 3/4	1 1/2	4.40	3.500	3.375	B	2	1	1.7
56	4.833	4.667	B	2 3/4	1 1/2	4.60	3.625	3.500	B	2	1	1.9
60	5.166	5.000	B	2 3/4	1 1/2	5.14	3.875	3.750	B	2	1	2.2
64	5.500	5.333	B	2 3/4	1 1/2	5.74	4.125	4.000	B	2	1 1/8	2.5
66	5.666	5.500	B	2 3/4	1 1/2	6.02	4.250	4.125	B	2 1/4	1 1/8	2.7
68	5.830	5.665	B	2 3/4	1 1/2	6.60	4.375	4.250	B	2 1/4	1 1/8	2.8
72	6.166	6.000	B	2 3/4	1 1/2	7.02	4.625	4.500	B	2 1/4	1 1/8	3.4
80							5.125	5.000	B	2 1/4	1 1/8	3.6
84							5.375	5.250	B	2 1/4	1 1/8	3.9
88							5.625	5.500	B	2 1/4	1 1/8	4.6

Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears



Type B

Pressure Angle **14 1/2°**

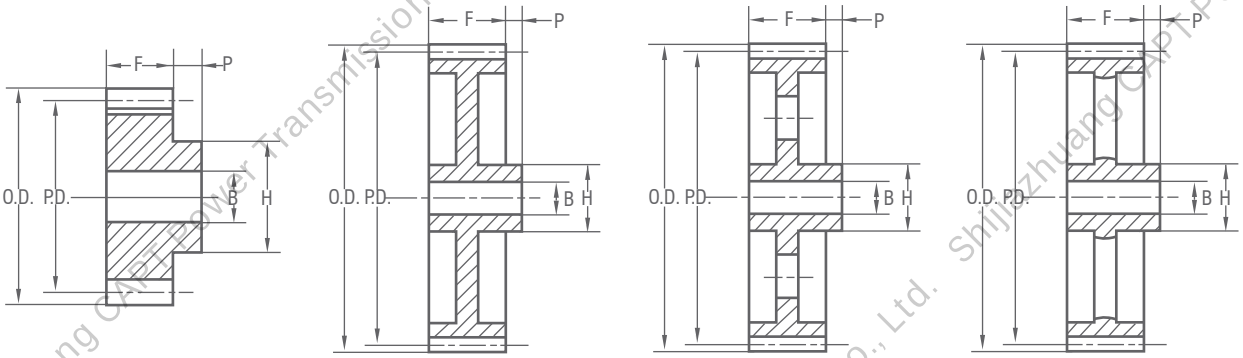


Z	20DP 3/8"Face						24DP 1/2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
11	0.70	0.60	B	15/32	3/4	0.02	0.583	0.500	B	3/8	9/16	0.02
12	0.70	0.60	B	15/32	3/4	0.02	0.583	0.500	B	3/8	9/16	0.02
13	0.75	0.65	B	1/2	3/4	0.04	0.625	0.542	B	7/16	9/16	0.03
14	0.80	0.70	B	35/64	3/4	0.04	0.666	0.583	B	15/32	9/16	0.04
15	0.85	0.75	B	39/64	3/4	0.04	0.708	0.625	B	1/2	9/16	0.04
16	0.90	0.80	B	21/32	3/4	0.04	0.750	0.666	B	35/64	9/16	0.04
17	0.95	0.85	B	45/64	3/4	0.08	0.791	0.709	B	9/16	9/16	0.04
18	1.00	0.90	B	3/4	3/4	0.08	0.833	0.750	B	5/8	9/16	0.04
19	1.05	0.95	B	51/64	3/4	0.10	0.875	0.791	B	5/8	9/16	0.06
20	1.10	1.00	B	55/64	3/4	0.12	0.917	0.833	B	23/32	9/16	0.06
21	1.15	1.05	B	7/8	3/4	0.12	0.959	0.875	B	3/4	9/16	0.06
22	1.20	1.10	B	31/32	3/4	0.14	1.000	0.917	B	3/4	9/16	0.06
23	1.25	1.15	B	31/32	3/4	0.16	1.042	0.959	B	13/16	5/8	0.08
24	1.30	1.20	B	1 1/16	3/4	0.19	1.083	1.000	B	7/8	5/8	0.10
25	1.35	1.25	B	1 7/64	3/4	0.20	1.125	1.042	B	7/8	5/8	0.10
26	1.40	1.30	B	1 17/64	3/4	0.22	1.166	1.083	B	7/8	5/8	0.10
27	1.45	1.35	B	1 1/4	3/4	0.24	1.208	1.125	B	7/8	5/8	0.12
28	1.50	1.40	B	1 17/64	3/4	0.26	1.250	1.166	B	1	5/8	0.14
30	1.60	1.50	B	1 23/64	3/4	0.30	1.333	1.250	B	1	5/8	0.16
32	1.70	1.60	B	1 7/16	7/8	0.40	1.416	1.333	B	1 1/8	5/8	0.18
33	1.75	1.65	B	1 5/8	7/8	0.45	1.458	1.375	B	1 1/8	5/8	0.20
35	1.85	1.75	B	1 9/16	7/8	0.50	1.541	1.458	B	1 1/8	5/8	0.20
36	1.90	1.80	B	1 5/8	7/8	0.52	1.583	1.500	B	1 1/8	5/8	0.20
40	2.10	2.00	B	1 13/16	7/8	0.64	1.750	1.666	B	1 1/8	5/8	0.24
42	2.20	2.10	B	2	7/8	0.70	1.833	1.750	B	1 1/4	5/8	0.28
44	2.30	2.20	B	2	7/8	0.73	1.917	1.833	B	1 1/4	5/8	0.30
45	2.35	2.25	B	2	7/8	0.82	1.959	1.875	B	1 1/4	5/8	0.30
48	2.50	2.40	B	2	7/8	0.88	2.083	2.000	B	1 1/4	5/8	0.32
50	2.60	2.50	B	2	7/8	0.90	2.166	2.083	B	1 1/4	5/8	0.35
54	2.80	2.70	B	2	7/8	0.95	2.333	2.250	B	1 1/4	5/8	0.38
55	2.85	2.75	B	2	7/8	1.04	2.374	2.291	B	1 1/4	5/8	0.39
56	2.90	2.80	B	2	7/8	1.10	2.416	2.333	B	1 1/4	5/8	0.40
60	3.10	3.00	B	2	7/8	1.16	2.583	2.500	B	1 1/4	5/8	0.46
64	3.30	3.20	B	2	7/8	1.26	2.749	2.666	B	1 1/4	5/8	0.49
66	3.40	3.30	B	2	7/8	1.32	2.833	2.750	B	1 1/4	5/8	0.52
70	3.60	3.50	B	2	7/8	1.40	3.000	2.917	B	1 3/8	3/4	0.58
72	3.70	3.60	B	2 1/4	7/8	1.60	3.083	3.000	B	1 3/8	3/4	0.64
80	4.10	4.00	B	2 1/4	7/8	1.82						

Shijiazhuang CAPT Power Transmission Co., Ltd.

Cast Iron Stock Spur Gears

Pressure Angle $14\frac{1}{2}°$



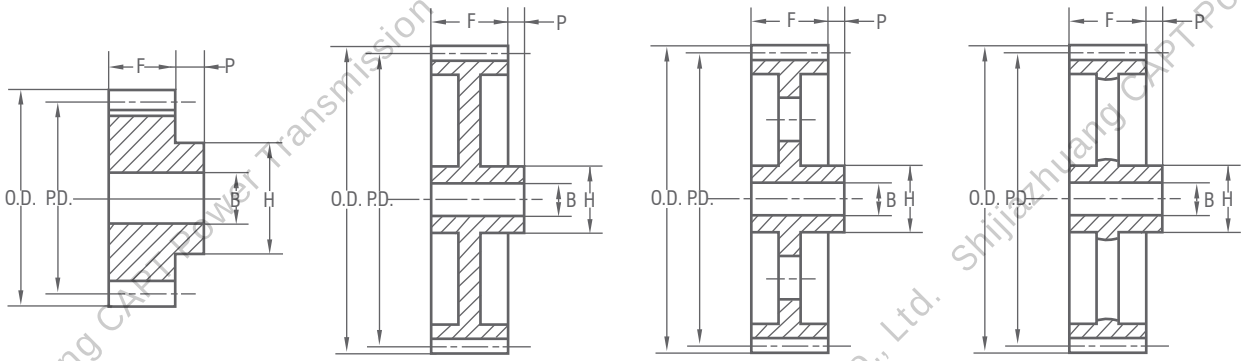
Type B | Type B1 | Type B2 | Type B3

Z	3DP 3"Face						4DP 2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
24	8.666	8.000	B	4 1/2	4 1/4	40.4	6.50	6.00	B	3 1/2	3 1/2	17.0
28	10.000	9.333	B	5 1/4	4 1/4	54.2	7.50	7.00	B_1	3 1/2	3 1/2	20.2
30	10.666	10.000	B	5 1/4	4 1/4	57.1	8.00	7.50	B_1	3 1/2	3 1/2	21.1
32	11.333	10.667	B	5 1/4	4 1/4	62.4	8.50	8.00	B_1	3 1/2	3 1/2	23.2
36	12.666	12.000	B_2	5 1/2	4 3/4	71.3	9.50	9.00	B_2	3 3/4	3 1/2	30.5
40	14.000	13.333	B_2	5 1/2	4 3/4	75.9	10.50	10.00	B_2	4	3 1/2	26.4
42	14.666	14.000	B_2	5 1/2	4 3/4	79.5	11.00	10.50	B_2	4	3 1/2	32.3
44	15.333	14.666	B_2	5 1/2	4 3/4	82.0	11.50	11.00	B_2	4	3 1/2	33.9
45	15.666	15.000	B_2	5 1/2	4 3/4	85.0	11.75	11.25	B_3	4	3 1/2	36.5
48	16.666	16.000	B_3	5 1/2	4 3/4	92.9	12.50	12.00	B_3	4	3 1/2	38.4
52	18.000	17.333	B_3	5 1/2	4 3/4	95.6	13.50	13.00	B_3	4	3 1/2	42.5
54	18.666	18.000	B_3	5 1/2	4 3/4	104	14.00	13.50	B_3	4	3 1/2	44.7
56	19.333	18.666	B_3	5 1/2	4 3/4	108	14.50	14.00	B_3	4	3 1/2	46.7
60	20.666	20.000	B_3	5 1/2	4 3/4	115	15.50	15.00	B_3	4	3 1/2	49.5
64	22.000	21.333	B_3	6	4 3/4	125	16.50	16.00	B_3	4	3 1/2	54.5
68	23.333	22.666	B_3	6	4 3/4	145	17.50	17.00	B_3	4	3 1/2	56.0
72	24.666	24.000	B_3	6	4 3/4	153	18.50	18.00	B_3	4 1/2	3 1/2	63.0
75	25.666	25.000	B_3	6	4 3/4	155	18.75	18.75	B_3	4 1/2	3 1/2	68.5
80	27.333	26.666	B_3	6	4 3/4	169	20.50	20.00	B_3	4 1/2	3 1/2	72.0
84	28.666	28.000	B_3	6	4 3/4	178	21.50	21.00	B_3	4 1/2	3 1/2	73.0
88	30.000	29.333	B_3	6	4 3/4	181	22.50	22.00	B_3	4 1/2	3 3/4	75.0
90	30.666	30.000	B_3	6	4 3/4	185	23.00	22.50	B_3	4 1/2	3 3/4	81.0
96	32.666	32.000	B_3	6	4 3/4	205	24.50	24.0	B_3	4 1/2	3 3/4	86.0
100	34.000	33.333	B_3	6	4 3/4	209	25.50	25.00	B_3	4 1/2	3 3/4	91.0
104	35.333	34.666	B_3	6	4 3/4	212	26.50	26.00	B_3	4 1/2	3 3/4	105
105	35.666	35.000	B_3	6	4 3/4	216	26.75	26.25	B_3	4 1/2	3 3/4	106
108	36.666	36.000	B_3	6	4 3/4	228	27.50	27.0	B_3	5	3 3/4	107
112	38.000	37.333	B_3	6 1/2	4 3/4	242	28.50	28.00	B_3	5	3 3/4	108
120	40.000	40.666	B_3	6 1/2	4 3/4	256	30.50	30.00	B_3	5	3 3/4	115
132							33.50	33.00	B_3	5	3 3/4	129
144							36.50	36.00	B_3	5 1/2	3 3/4	140

Shijiazhuang CAPT Power Transmission Co., Ltd.

Cast Iron Stock Spur Gears

Pressure Angle $14\frac{1}{2}°$



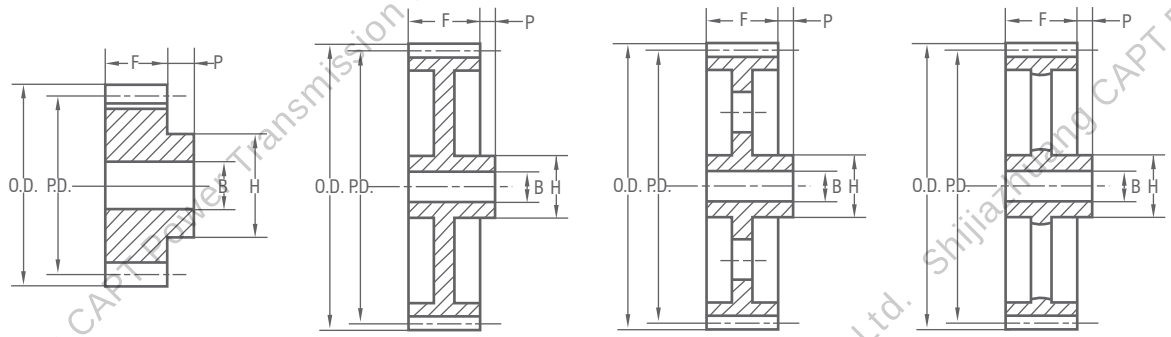
Type B | Type B1 | Type B2 | Type B3

Z	5DP 1 3/4"Face						6DP 1 1/2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
24	5.20	4.80	B	3 1/4	3	9.9						
25	5.40	5.00	B	3 1/4	3	10.6						
28	6.00	5.60	B1	3 1/4	3	12.1						
30	6.40	6.00	B1	3 1/4	3	13.9	5.333	5.000	B1	2 1/2	2 1/2	6.6
32	6.80	6.40	B1	3 1/4	3	15.5	5.666	5.333	B1	2 1/2	2 1/2	7.2
35	7.40	7.00	B1	3 1/4	3	16.9	6.166	5.833	B1	2 1/2	2 1/2	8.1
36	7.60	7.20	B1	3 1/4	3	15.5	6.333	6.000	B1	2 1/2	2 1/2	9.5
40	8.40	8.00	B1	3 1/4	3	17.4	7.000	6.666	B1	3	2 1/2	11.9
42	8.80	8.40	B2	3 1/4	3	19.0	7.333	7.000	B1	3	2 1/2	13.0
45	9.40	9.00	B2	3 1/4	3	20.3	7.833	7.500	B2	3	2 1/2	12.0
48	10.00	9.60	B2	3 3/4	3	25.2	8.333	8.000	B3	3	2 1/2	12.1
50	10.40	10.00	B3	3 3/4	3	23.7	8.666	8.333	B3	3 1/4	2 1/2	13.6
54	11.20	10.80	B3	3 3/4	3	25.1	9.333	9.000	B3	3 1/4	2 1/2	14.4
55	11.40	11.00	B3	3 3/4	3	26.0	9.500	9.166	B3	3 1/4	2 1/2	15.6
58	12.00	11.60	B3	3 3/4	3	28.5	10.000	9.666	B3	3 1/4	2 1/2	16.6
60	12.40	12.00	B3	3 3/4	3	30.6	10.333	10.000	B3	3 1/4	2 3/4	17.0
64	13.20	12.80	B3	3 3/4	3	31.2	11.000	10.666	B3	3 1/4	2 3/4	18.5
66	13.60	13.20	B3	3 3/4	3	32.8	11.333	11.000	B3	3 1/4	2 3/4	19.0
70	14.40	14.00	B3	4	3	34.5	12.000	11.666	B3	3 1/4	2 3/4	20.6
72	14.80	14.40	B3	4	3	35.0	12.333	12.000	B3	3 1/2	2 3/4	23.7
75	15.40	15.00	B3	4	3	36.7	12.833	12.500	B3	3 1/2	2 3/4	25.4
80	16.40	16.00	B3	4	3	40.8	13.666	13.333	B3	3 1/2	2 3/4	25.8
84	17.20	16.80	B3	4	3	42.0	14.333	14.000	B3	3 1/2	2 3/4	26.0
90	18.40	18.00	B3	4	3	45.4	15.333	15.000	B3	3 1/2	2 3/4	26.8
96	19.60	19.20	B3	4	3	48.6	16.333	16.000	B3	3 1/2	2 3/4	28.0
100	20.40	20.00	B3	4 1/2	3 1/4	54.4	17.000	16.666	B3	3 1/2	2 3/4	30.2
108	22.00	21.60	B3	4 1/2	3 1/4	55.0	18.333	18.000	B3	3 3/4	2 3/4	32.0
120	24.40	24.00	B3	4 3/4	3 1/4	56.1	20.333	20.000	B3	3 3/4	3	34.8
126	25.60	25.20	B3	4 3/4	3 1/4	63.5	21.333	21.000	B3	3 3/4	3	39.1
130	26.40	26.00	B3	4 3/4	3 1/4	70.2	22.000	21.666	B3	3 3/4	3	41.6
132							22.333	22.000	B3	3 3/4	3	43.4
144							24.333	24.000	B3	4	3	45.2
180							30.333	30.000	B3	4	3	58.3

Shijiazhuang CAPT Power Transmission Co., Ltd.

Cast Iron Stock Spur Gears

Pressure Angle $14\frac{1}{2}°$

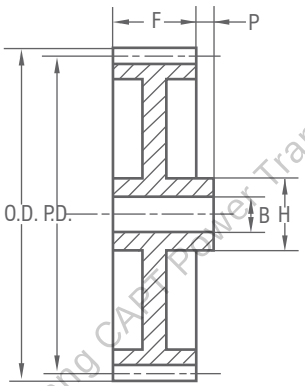


Type B | Type B1 | Type B2 | Type B3

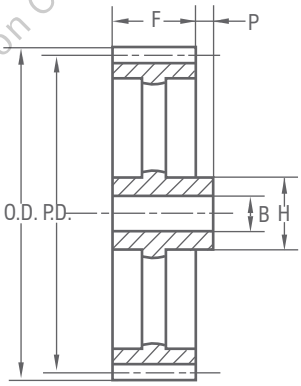
Z	8DP 1 1/4"Face						10DP 1"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
24	3.250	3.000	B	2 1/8	2 1/4	2.7						
28	3.750	3.500	B	2 1/4	2 1/4	3.7	3.000	2.800	B	1 3/4	1 7/8	1.9
30	4.000	3.750	B	2 1/4	2 1/4	4.1						
32	4.250	4.000	B_1	2 1/4	2 1/4	3.8						
36	4.750	4.500	B_1	2 1/2	2 1/4	4.5	3.800	3.600	B1	2 1/8	1 7/8	2.8
40	5.250	5.000	B_1	2 1/2	2 1/4	5.1						
42	5.500	5.250	B_1	2 1/2	2 1/4	5.5						
44	5.750	5.500	B_1	2 1/2	2 1/4	6.0						
52	6.750	6.500	B_1	2 3/4	2 1/4	10.3						
54	7.000	6.750	B_2	2 3/4	2 1/4	8.1						
56	7.250	7.000	B_3	2 3/4	2 1/4	8.2						
60	7.750	7.500	B_3	2 3/4	2 1/4	8.8	6.20	6.00	B_3	2 1/8	1 7/8	4.3
64	8.250	8.000	B_3	2 3/4	2 1/4	11.2	6.60	6.40	B_3	2 1/2	1 7/8	5.6
65	8.375	8.125	B_3	2 3/4	2 1/4	11.3	6.70	6.50	B_3	2 1/2	1 7/8	5.6
68	8.750	8.500	B_3	3	2 1/4	11.5	7.00	6.80	B_3	2 1/2	1 7/8	5.8
70	9.000	8.750	B_3	3	2 1/4	11.6	7.20	7.00	B_3	2 1/2	1 7/8	5.9
72	9.250	9.000	B_3	3	2 1/4	11.7	7.40	7.20	B_3	2 1/2	1 7/8	6.3
75	9.625	9.375	B_3	3	2 1/4	11.9	7.70	7.50	B_3	2 1/2	1 7/8	6.7
76	9.750	9.500	B_3	3	2 1/4	12.0	7.80	7.60	B_3	2 1/2	1 7/8	6.7
80	10.250	10.000	B_3	3	2 3/8	12.2	8.20	8.00	B_3	2 1/2	1 7/8	6.7
84	10.750	10.500	B_3	3	2 3/8	13.2	8.60	8.40	B_3	2 1/2	1 7/8	7.0
85	10.875	10.625	B_3	3	2 3/8	13.3	8.70	8.50	B_3	2 1/2	1 7/8	7.3
88	11.250	11.000	B_3	3	2 3/8	13.5	9.00	8.80	B_3	2 1/2	1 7/8	7.3
90	11.500	11.250	B_3	3	2 3/8	14.2	9.20	9.00	B_3	2 1/2	1 7/8	7.6
92	11.750	11.500	B_3	3 1/4	2 3/8	15.0	9.40	9.20	B_3	2 1/2	1 7/8	7.5
95	12.125	11.875	B_3	3 1/4	2 3/8	15.5	9.70	9.50	B_3	2 1/2	1 7/8	8.1
96	12.250	12.000	B_3	3 1/4	2 3/8	15.8	9.80	9.60	B_3	2 1/2	1 7/8	8.1
100	12.750	12.500	B_3	3 1/4	2 3/8	16.5	10.20	10.00	B_3	2 1/2	2	10.3
112	14.250	14.000	B_3	3 1/4	2 3/8	17.7	11.40	11.20	B_3	2 3/4	2	10.3
120	15.250	15.000	B_3	3 1/4	2 3/8	18.4	12.20	12.00	B_3	2 3/4	2	10.4
128	16.250	16.000	B_3	3 1/2	2 3/8	21.3	13.00	12.80	B_3	2 3/4	2	11.5
130	16.500	16.250	B_3	3 1/2	2 3/8	22.0	13.20	13.00	B_3	2 3/4	2	11.9
140	17.750	17.500	B_3	3 1/2	2 3/8	23.5	14.20	14.00	B_3	2 3/4	2	12.8
144	18.250	18.000	B_3	3 1/2	2 3/8	24.2	14.60	14.40	B_3	2 3/4	2	13.4
150	19.000	18.750	B_3	3 3/4	2 1/2	25.5	15.20	15.00	B_3	2 3/4	2	13.4
160	20.250	20.000	B_3	3 3/4	2 1/2	26.6	16.20	16.00	B_3	2 3/4	2	14.4
168	21.250	21.000	B_3	3 3/4	2 1/2	28.9						

Cast Iron Stock Spur Gears

Pressure Angle $14\frac{1}{2}°$



Type B1



Type B3



Z	12DP 3/4"Face						16DP 1/2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
78	6.666	6.500	B3	2 1/2	1 1/2	4.1						
84	7.166	7.000	B3	2 1/2	1 1/2	4.4						
90	7.666	7.500	B3	2 3/4	1 1/2	5.2						
96	8.166	8.000	B3	2 3/4	1 1/2	5.5						
102	8.666	8.500	B3	2 3/4	1 1/2	5.6						
108	9.166	9.000	B3	2 3/4	1 1/2	6.2						
112	9.500	9.333	B3	2 3/4	1 1/2	6.4	7.125	7.000	B3	2 1/2	1 1/8	3.4
114	9.666	9.500	B3	2 3/4	1 1/2	6.7	7.250	7.125	B3	2 1/2	1 1/8	3.4
120	10.166	10.000	B3	2 3/4	1 1/2	7.4	7.625	7.500	B3	2 1/2	1 1/8	3.5
126	10.666	10.500	B3	3	1 1/2	8.1	8.000	7.875	B3	2 1/2	1 1/8	3.6
128	10.833	10.666	B3	3	1 3/4	9.0	8.125	8.000	B3	2 1/2	1 1/8	3.7
144	12.166	12.000	B3	3	1 3/4	10.1	9.125	9.000	B3	2 3/4	1 1/4	5.0
160	13.500	13.333	B3	3	1 3/4	10.4	10.125	10.000	B3	2 3/4	1 1/4	5.2
168	14.166	14.000	B3	3	1 3/4	10.6	10.625	10.500	B3	2 3/4	1 1/4	7.5
192							12.125	12.000	B3	2 3/4	1 1/4	8.1

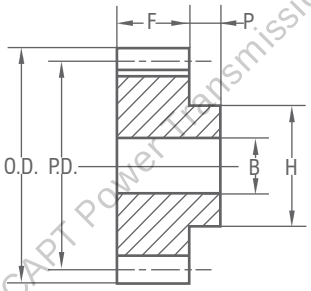
Z	20DP 3/8"Face					
	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs
48	2.50	2.40	B1	1 1/8	7/8	0.50
64	3.30	3.20	B1	1 1/8	7/8	0.68
140	7.10	7.00	B3	1 3/4	7/8	2.00
150	7.60	7.50	B3	1 3/4	7/8	1.90
156	7.90	7.80	B3	1 3/4	7/8	2.12
160	8.10	8.00	B3	1 3/4	1	2.34
180	9.10	9.00	B3	1 3/4	1	2.66
200	10.10	10.00	B3	1 3/4	1	2.84



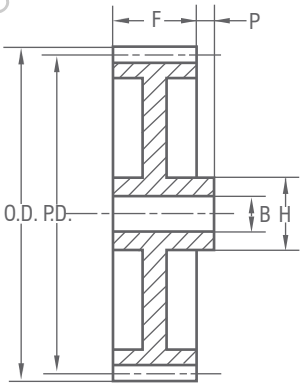
Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears

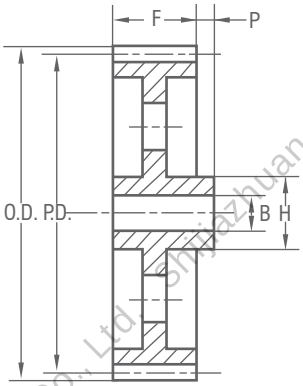
Pressure Angle **20°**



Type B



Type B1



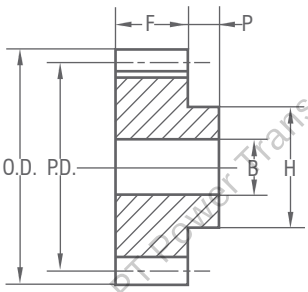
Type B2

Z	4DP 3 1/2" Face						5DP 2 1/2" Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
12	3.500	3.000	B	2 17/64	4 3/8	6.8	2.80	2.40	B	1 25/32	3 3/8	2.9
14	4.000	3.500	B	2 49/64	4 3/8	9.8	3.20	2.80	B	2 3/16	3 3/8	4.3
15	4.250	3.750	B	3 1/64	4 3/8	11.5	3.40	3.00	B	2 3/8	3 3/8	5.2
16	4.500	4.000	B	3 17/64	4 3/8	13.3	3.60	3.20	B	2 19/32	3 3/8	6.1
18	5.000	4.500	B	3 49/64	4 3/8	17.3	4.00	3.60	B	3	3 3/8	8.0
20	5.500	5.000	B	4 17/64	4 3/8	21.8	4.40	4.00	B	3 3/8	3 3/8	10.2
22	6.000	5.500	B	4 49/64	4 3/8	26.7	4.80	4.40	B	3 3/4	3 3/4	13.8
24	6.500	6.000	B	5	4 3/4	33.7	5.20	4.80	B	3 3/4	3 3/4	15.7
25	6.750	6.250	B	5	4 3/4	39.5	5.40	5.00	B	3 3/4	3 3/4	20.3
28	7.500	7.000	B	5	4 3/4	43.8	6.00	5.60	B	3 3/4	3 3/4	22.9
30	8.000	7.500	B	5	4 3/4	49.4	6.40	6.00	B	3 3/4	3 3/4	23.9
32	8.500	8.000	B	5	5	56.8	6.80	6.40	B	3 3/4	3 3/4	25.6
35	9.250	8.750	B	5	5	65.1	7.40	7.00	B	3 3/4	3 3/4	29.9
36	9.500	9.000	B	5	5	70.0	7.60	7.20	B	3 3/4	3 3/4	35.0
40	10.500	10.000	B	5 1/8	5	85.2	8.40	8.00	B	3 3/4	3 3/4	38.2
44	11.500	11.000	B	5 1/8	5	101.6	9.20	8.80	B	3 3/4	3 3/4	43.5
45	11.750	11.250	B	5 1/8	5	108.7	9.40	9.00	B	3 3/4	3 3/4	47.7
48	12.500	12.000	B	5 1/8	5	119.5	10.00	9.60	B	3 3/4	3 3/4	55.1
50	13.000	12.500	B	5 1/8	5	125.6	10.40	10.00	B	4 5/8	3 3/4	60.3
56	14.500	14.000	B_1	5 1/2	5	96.9	11.60	11.20	B	4 5/8	3 3/4	75.8
60	15.500	15.000	B_2	5 1/2	5	88.1	12.40	12.00	B	4 5/8	3 3/4	84.7
64	16.500	16.000	B_2	5 1/2	5	86.9	13.20	12.80	B_2	5	3 3/4	49.8
70	18.000	17.500	B_2	5 1/2	5	86.4	14.40	14.00	B_2	5	3 3/4	51.6
72	18.500	18.000	B_2	5 1/2	5	86.5	14.80	14.40	B_2	5	3 3/4	53.7
80	20.500	20.000	B_2	5 1/2	5	90.9	16.40	16.00	B_2	5	3 3/4	55.8
90							18.40	18.00	B_2	5	3 3/4	59.7
100							20.40	20.00	B_2	5 1/2	4	69.2
110							22.40	22.00	B_2	5 1/2	4	72.3
120							24.40	24.00	B_2	6	4	80.2

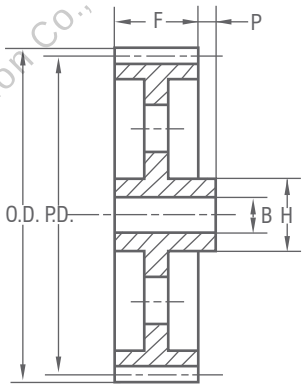
Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears

Pressure Angle **20°**



Type B



Type B2

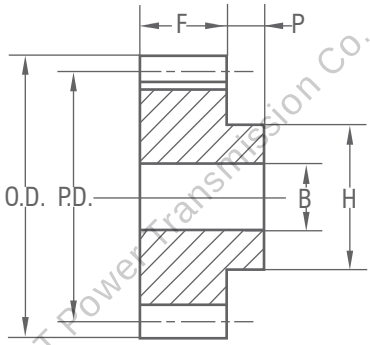


Z	6DP 2"Face						8DP 1 1/2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
11	2.333	2.000	B	1 1/2	2 7/8	1.6	1.750	1.500	B	1 1/16	2 1/4	0.7
12	2.333	2.000	B	1 1/2	2 7/8	1.6	1.750	1.500	B	1 1/8	2 1/4	1.2
14	2.666	2.333	B	1 13/16	2 7/8	2.4	2.000	1.750	B	1 5/16	2 1/4	1.2
15	2.833	2.500	B	2	2 7/8	2.9	2.125	1.875	B	1 7/16	2 1/4	1.4
16	3.000	2.666	B	2 1/8	2 7/8	3.4	2.250	2.000	B	1 9/16	2 3/8	1.9
18	3.333	3.000	B	2 1/2	2 7/8	4.6	2.500	2.250	B	1 13/16	2 3/8	2.3
19	3.500	3.167	B	2 5/8	2 7/8	5.1	2.625	2.375	B	2	2 3/8	2.5
20	3.666	3.333	B	2 3/4	2 7/8	5.9	2.750	2.500	B	2 1/16	2 3/8	3.2
21	3.833	3.500	B	3	2 7/8	6.6	2.875	2.625	B	2 5/16	2 3/8	3.6
22	4.000	3.666	B	3	2 7/8	7.5	3.000	2.750	B	2 5/16	2 3/8	3.9
24	4.333	4.000	B	3	2 7/8	8.1	3.250	3.000	B	2 9/16	2 3/8	4.6
26	4.666	4.333	B	3 1/2	2 7/8	9.5	3.500	3.250	B	2 3/4	2 3/8	5.2
27	4.833	4.500	B	3 1/2	2 7/8	10.6	3.625	3.375	B	2 3/4	2 3/8	5.4
28	5.000	4.666	B	3 1/2	2 7/8	12.0	3.750	3.500	B	2 3/4	2 3/8	5.6
30	5.333	5.000	B	4	2 7/8	13.4	4.000	3.750	B	2 3/4	2 3/8	6.6
32	5.666	5.333	B	4	2 7/8	15.5	4.250	4.000	B	3 1/4	2 3/8	8.6
33	5.833	5.500	B	4	3 1/2	17.8	4.375	4.125	B	3 1/2	2 3/8	9.4
36	6.333	6.000	B	4	3 1/2	20.4	4.750	4.500	B	3 1/2	2 3/8	10.2
40	7.000	6.666	B	4	3 1/2	22.5	5.250	5.000	B	3 1/2	2 3/8	11.4
42	7.333	7.000	B	4	3 1/2	26.2	5.500	5.250	B	3 1/2	2 1/2	12.3
44	7.666	7.333	B	4	3 1/2	29.5	5.750	5.500	B	3 1/2	2 1/2	13.5
48	8.333	8.000	B	4	3 1/2	32.8	6.250	6.000	B	3 1/2	2 1/2	14.2
54	9.333	9.000	B	4	3 1/2	40.4						
60	10.333	10.000	B	4 5/8	3 1/2	50.0						
64	11.000	10.666	B	4 5/8	3 1/2	56.5						
66	11.333	11.000	B	4 5/8	3 1/2	59.8						
72	12.333	12.000	B	4 5/8	3 1/2	70.0						
84	14.333	14.000	B2	5	3 1/2	42.8						
96	16.333	16.000	B2	5	3 1/2	46.0						
108	18.333	18.000	B2	5	3 1/2	48.8						
120	20.333	20.000	B2	5	3 1/2	51.3						

Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears

Pressure Angle **20°**



Type B

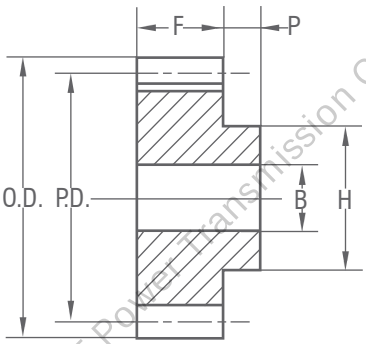


Z	10DP 3 1/4"Face						12DP 1"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
12	1.40	1.20	B	29/32	1 7/8	0.4	1.167	1.000	B	3/4	1 5/8	0.21
13	1.50	1.30	B	1	1 7/8	0.5	1.250	1.083	B	13/16	1 5/8	0.21
14	1.60	1.40	B	1 7/64	1 7/8	0.6	1.333	1.167	B	29/32	1 5/8	0.28
15	1.70	1.50	B	1 7/32	1 7/8	0.7	1.417	1.250	B	63/64	1 5/8	0.34
16	1.80	1.60	B	1 5/16	1 7/8	0.8	1.500	1.333	B	1 1/16	1 5/8	0.41
18	2.00	1.80	B	1 11/32	1 7/8	0.9	1.667	1.500	B	1 1/4	1 5/8	0.51
19	2.10	1.90	B	1 9/16	1 7/8	1.1	1.750	1.583	B	1 5/16	1 5/8	0.59
20	2.20	2.00	B	1 39/64	1 7/8	1.2	1.833	1.667	B	1 5/16	1 5/8	0.65
21	2.30	2.10	B	1 3/4	1 7/8	1.3	1.917	1.750	B	1 25/64	1 5/8	0.75
22	2.40	2.20	B	1 13/16	1 7/8	1.5	2.000	1.833	B	1 9/16	1 5/8	0.88
24	2.60	2.40	B	2 1/64	1 7/8	1.8	2.166	2.000	B	1 41/64	1 5/8	1.06
25	2.70	2.50	B	2 7/64	1 7/8	2.0	2.250	2.083	B	1 13/16	1 5/8	1.22
26	2.80	2.60	B	2 1/8	1 7/8	2.2	2.333	2.167	B	1 7/8	1 5/8	1.33
28	3.00	2.80	B	2 13/32	1 7/8	2.7	2.500	2.333	B	2 1/16	1 5/8	1.60
30	3.20	3.00	B	2 1/2	1 7/8	3.4	2.667	2.500	B	2 5/32	1 5/8	1.83
32	3.40	3.20	B	2 1/2	2 1/8	3.7	2.833	2.667	B	2 1/4	1 5/8	2.08
35	3.70	3.50	B	2 1/2	2 1/8	4.2	3.084	2.917	B	2 1/4	1 5/8	2.50
36	3.80	3.60	B	2 1/2	2 1/8	4.3	3.167	3.000	B	2 1/2	1 7/8	2.98
40	4.20	4.00	B	3 1/2	2 1/8	6.4	3.500	3.333	B	2 1/2	1 7/8	3.25
42	4.40	4.20	B	3 1/2	2 1/8	6.9	3.666	3.500	B	2 1/2	1 7/8	3.71
45	4.70	4.50	B	3 1/2	2 1/8	7.5	3.917	3.750	B	2 1/2	1 7/8	4.50
48	5.00	4.80	B	3 3/4	2 1/8	8.7	4.166	4.000	B	3	1 7/8	4.99
50	5.20	5.00	B	4	2 1/8	9.9	4.333	4.166	B	3 1/2	1 7/8	5.80
54	5.60	5.40	B	4	2 1/4	10.8	4.666	4.555	B	3 1/2	1 7/8	6.51
55	5.70	5.50	B	4	2 1/4	11.5	4.750	4.583	B	3 1/2	1 7/8	7.25
60	6.20	6.00	B	4	2 1/4	13.1	5.166	5.000	B	3 1/2	1 7/8	7.63
66							5.666	5.500	B	3 1/2	1 7/8	8.80
72							6.166	6.000	B	3 1/2	1 7/8	10.08

Shijiazhuang CAPT Power Transmission Co., Ltd.

Steel Stock Spur Gears

Pressure Angle 20°



Type B

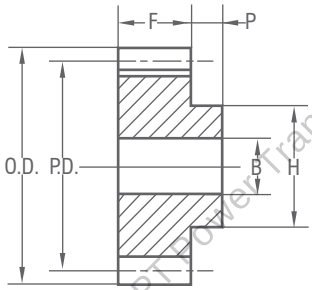


Z	16DP 3/4"Face						20DP 1/2"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
12	0.875	0.750	B	9/16	1 1/4	0.09	0.700	0.600	B	15/32	15/16	0.04
13	0.938	0.812	B	5/8	1 1/4	0.11	0.750	0.650	B	1/2	15/16	0.05
14	1.000	0.875	B	11/16	1 1/4	0.14	0.800	0.700	B	35/64	15/16	0.06
15	1.063	0.937	B	3/4	1 1/4	0.17	0.850	0.750	B	39/64	15/16	0.07
16	1.125	1.000	B	13/16	1 1/4	0.17	0.900	0.800	B	21/32	15/16	0.08
17	1.188	1.062	B	7/8	1 1/4	0.20	0.950	0.850	B	3/4	15/16	0.10
18	1.250	1.125	B	15/16	1 1/4	0.24	1.000	0.900	B	3/4	15/16	0.12
20	1.375	1.250	B	1 1/16	1 1/4	0.28	1.100	1.000	B	55/64	15/16	0.13
21	1.438	1.312	B	1 1/8	1 1/4	0.32	1.150	1.050	B	7/8	15/16	0.15
22	1.500	1.375	B	1 3/16	1 1/4	0.36	1.200	1.100	B	31/32	15/16	0.17
24	1.625	1.500	B	1 5/16	1 1/4	0.46	1.300	1.200	B	1 1/16	15/16	0.22
25	1.688	1.562	B	1 3/8	1 1/4	0.48	1.350	1.250	B	1 7/64	15/16	0.24
26	1.750	1.625	B	1 7/16	1 1/4	0.56	1.400	1.300	B	1 3/16	15/16	0.28
28	1.875	1.750	B	1 1/2	1 1/4	0.65	1.500	1.400	B	1 17/64	15/16	0.32
30	2.000	1.875	B	1 5/8	1 1/4	0.77	1.600	1.500	B	1 23/64	15/16	0.38
32	2.125	2.000	B	1 3/4	1 1/4	0.90	1.700	1.600	B	1 7/16	1	0.46
35	2.312	2.187	B	2	1 1/4	1.10	1.850	1.750	B	1 9/16	1	0.56
36	2.375	2.250	B	2	1 1/4	1.18	1.900	1.800	B	1 5/8	1	0.60
40	2.625	2.500	B	2	1 3/8	1.48	2.100	2.000	B	1 13/16	1	0.76
45	2.937	2.812	B	2	1 3/8	1.80	2.350	2.250	B	2	1	0.95
48	3.125	3.000	B	2	1 3/8	1.94	2.500	2.400	B	2	1	1.08
50	3.250	3.125	B	2	1 3/8	2.25	2.600	2.500	B	2	1	1.45
56	3.625	3.500	B	2 1/2	1 3/8	2.79	2.900	2.800	B	2	1	1.68
60	3.825	3.750	B	2 3/4	1 3/8	3.28	3.100	3.000	B	2 1/8	1	1.93
64	4.125	4.000	B	2 3/4	1 1/2	3.74	3.300	3.200	B	2 1/8	1	1.96
70	4.500	4.375	B	3	1 1/2	4.31	3.600	3.500	B	2 3/8	1	2.01
72	4.625	4.500	B	3	1 1/2	4.64	3.700	3.600	B	2 3/8	1	2.35
80	5.125	5.000	B	3 1/2	1 1/2	6.03	4.100	4.000	B	2 1/2	1 1/8	2.53
84	5.375	5.250	B	3 1/2	1 1/2	6.46	4.300	4.200	B	2 1/2	1 1/8	2.82
90	5.750	5.625	B	3 1/2	1 1/2	7.35	4.600	4.500	B	2 1/2	1 1/8	2.95
96	6.125	6.000	B	3 1/2	1 1/2	7.86	4.900	4.800	B	2 1/2	1 1/8	3.10
100	6.375	6.250	B	3 1/2	1 1/2	8.50	5.100	5.000	B	2 1/2	1 1/8	3.35
104	6.250	6.500	B	3 1/2	1 1/2	8.91	5.300	5.200	B	2 1/2	1 1/8	3.95
120							6.100	6.000	B	2 1/2	1 1/8	4.58

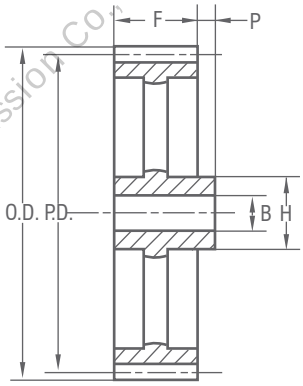
Shijiazhuang CAPT Power Transmission Co., Ltd.

Cast Iron Stock Spur Gear

20°
Pressure Angle



Type B



Type B3

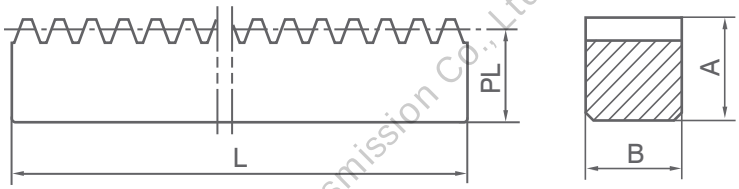


Z	8DP 1 1/2"Face						12DP 1"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
52	6.750	6.50	B	3	2 1/2	11.9						
56	7.250	7.00	B	3	2 1/2	13.0						
60	7.750	7.50	B_2	3	2 1/2	12.0						
64	8.250	8.00	B_3	3	2 1/2	12.1						
72	9.250	9.00	B_3	3 1/4	2 1/2	14.4						
80	10.250	10.00	B_3	3 1/4	2 3/4	17.0						
84	10.750	10.50	B_3	3 1/4	2 3/4	18.0	7.166	7.000	B_3	2 1/2	1 7/8	5.9
88	11.250	11.00	B_3	3 1/4	2 3/4	19.0	7.500	7.333	B_3	2 1/2	1 7/8	6.2
96	12.250	12.00	B_3	3 1/2	2 3/4	23.7	8.166	8.000	B_3	2 1/2	1 7/8	7.0
108	13.750	13.50	B_3	3 1/2	2 3/4	24.5	9.166	9.000	B_3	2 1/2	1 7/8	7.6
112	14.250	14.00	B_3	3 1/2	2 3/4	25.0	9.500	9.333	B_3	2 1/2	1 7/8	8.8
120	15.250	15.00	B_3	3 1/2	2 3/4	25.8	10.166	10.000	B_3	2 1/2	1 7/8	10.3
128	16.250	16.00	B_3	3 1/2	2 3/4	28.0	10.833	10.666	B_3	2 3/4	2	10.3
144	18.250	18.00	B_3	3 3/4	2 3/4	32.0	12.166	12.000	B_3	2 3/4	2	10.4
160	20.250	20.00	B_3	3 3/4	3	34.8						

Z	10DP 1 1/4"Face						16DP 3/4"Face					
	Diameter		Type	Hubs		wt	Diameter		Type	Hubs		wt
	OD	PD		dm	F+P	Lbs	OD	PD		dm	F+P	Lbs
70	7.20	7.00	B_3	2 3/4	2 1/4	8.2						
80	8.20	8.00	B_3	2 3/4	2 1/4	11.2						
90	9.20	9.00	B_3	3	2 1/4	11.7						
100	10.20	10.00	B_3	3	2 3/8	12.2						
112							7.125	7.00	B_3	2 1/2	1 1/2	4.4
128							8.125	8.00	B_3	2 3/4	1 1/2	5.5
144							9.125	9.00	B_3	2 3/4	1 1/2	6.4
160							10.125	10.00	B_3	2 3/4	1 1/2	8.1
192							12.125	12.00	B_3	3	1 3/4	10.1

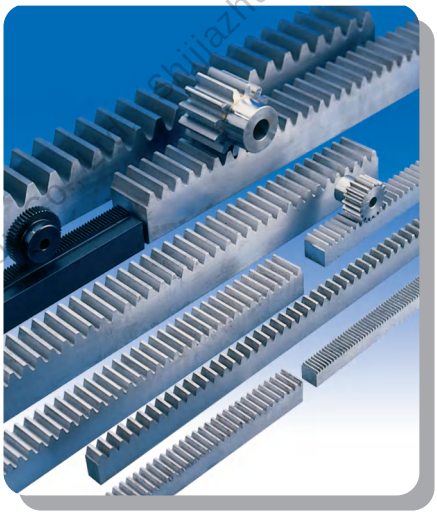
Shijiazhuang CAPT Power Transmission Co., Ltd.

Machined Gear Racks
Standard Face Width



14 1/2° Pressure Angle

Catalog Number	DP	B	A	PL	wt Lbs
145SR3x2	3	3	1 1/2	1.167	24.0
145SR3x4	3	3	1 1/2	1.167	48.0
145SR3x6	3	3	1 1/2	1.167	72.0
145SR4x2	4	2	1 1/2	1.250	17.4
145SR4x4	4	2	1 1/2	1.250	34.8
145SR4x6	4	2	1 1/2	1.250	52.2
145SR4x2B	4	2	2	1.750	23.6
145SR4X4B	4	2	2	1.750	47.2
145SR4x6B	4	2	2	1.750	70.8
145SR5x2	5	1 3/4	1 1/4	1.050	12.8
145SR5x4	5	1 3/4	1 1/4	1.050	25.6
145SR5x6	5	1 3/4	1 1/4	1.050	38.4
145SR5x2B	5	1 3/4	1 1/2	1.300	16.0
145SR5x4B	5	1 3/4	1 1/2	1.300	32.0
145SR5x6B	5	1 3/4	1 1/2	1.300	48.0
145SR6x2	6	1 1/2	1	0.833	8.6
145SR6x4	6	1 1/2	1	0.833	17.2
145SR6x6	6	1 1/2	1	0.833	25.8
145SR6x2B	6	1 1/2	1 1/2	1.333	13.8
145SR6x4B	6	1 1/2	1 1/2	1.333	27.6
145SR6x6B	6	1 1/2	1 1/2	1.333	41.4
145SR8x2	8	1 1/4	3/4	0.625	5.2
145SR8x4	8	1 1/4	3/4	0.625	10.4
145SR8x6	8	1 1/4	3/4	0.625	15.6
145SR8x2B	8	1 1/4	1 1/4	1.125	9.8
145SR8x4B	8	1 1/4	1 1/4	1.125	19.6
145SR8x6B	8	1 1/4	1 1/4	1.125	29.4
145SR10x2	10	1	5/8	0.525	3.6
145SR10x4	10	1	5/8	0.525	7.2
145SR10x6	10	1	5/8	0.525	10.8
145SR10x2B	10	1	1	0.900	6.0
145SR10x4B	10	1	1	0.900	12.0
145SR10x6B	10	1	1	0.900	18.0
145SR12x2	12	3/4	1/2	0.417	2.0
145SR12x4	12	3/4	1/2	0.417	4.0
145SR12x6	12	3/4	1/2	0.417	6.0
145SR12x2B	12	3/4	3/4	0.667	3.4
145SR12x4B	12	3/4	3/4	0.667	6.8
145SR12x6B	12	3/4	3/4	0.667	10.2
145SR16x2	16	5/16	5/16	0.250	0.50
145SR16x4	16	5/16	5/16	0.250	1.00
145SR16x6	16	5/16	5/16	0.250	1.50
145SR16x2B	16	1/2	1/2	0.438	1.52
145SR16x4B	16	1/2	1/2	0.438	3.04
145SR16x6B	16	1/2	1/2	0.438	4.56
145SR20x2	20	3/8	3/8	0.325	0.84
145SR20x4	20	3/8	3/8	0.325	1.68
145SR20X6	20	3/8	3/8	0.325	2.52
145SR24X2	24	1/4	1/4	0.208	0.38
145SR24x4	24	1/4	1/4	0.208	0.76
145SR24x6	24	1/4	1/4	0.208	1.14



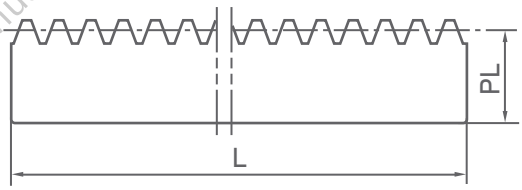
Special Note

The racks produced by CHSSB are of the following characteristics of high precision:
-In the whole length of 6ft, unstraight degree is within 0.01", no matter where measurement is taken at any place of the rack.
-Unverticality of each vertical plane of the rack is less than 0.01".
-Error added up to circumferential pitch of any teeth is less than 0.01".

Machined Gear Racks
Standard Face Width



20°
Pressure Angle



Special Note

The racks produced by CHSSB are of the following characteristic of high precision:
-In the whole length of 6ft, unstraight degree is within 0.01", no matter where the measurement is taken at any place of the rack.
-Unverticality of each vetical plane of the rack is less than 0.01".
-Error added up to circumferential pitch of any teeth is less than 0.01".

Catalog Number	DP	B	A	PL	wt Lbs
20SR3x2	3	3	1 1/2	1.167	24.0
20SR3x4	3	3	1 1/2	1.167	48.0
20SR3x6	3	3	1 1/2	1.167	72.0
20SR4x2	4	2	1 1/2	1.250	17.4
20SR4x4	4	2	1 1/2	1.250	34.8
20SR4x6	4	2	1 1/2	1.250	52.2
20SR5x2	5	1 3/4	1 1/4	1.050	12.8
20SR5x4	5	1 3/4	1 1/4	1.050	25.6
20SR5x6	5	1 3/4	1 1/4	1.050	38.4
20SR6x2	6	1 1/2	1 1/2	1.333	13.8
20SR6x4	6	1 1/2	1 1/2	1.333	27.6
20SR6x6	6	1 1/2	1 1/2	1.333	41.4
20SR8x2	8	1 1/4	1 1/4	1.125	9.8
20SR8x4	8	1 1/4	1 1/4	1.125	19.6
20SR8x6	8	1 1/4	1 1/4	1.125	29.4
20SR10x2	10	1	1	0.900	6.0
20SR10x4	10	1	1	0.900	12.0
20SR10x6	10	1	1	0.900	18.0
20SR12x2	12	3/4	3/4	0.667	3.4
20SR12x4	12	3/4	3/4	0.667	6.8
20SR12x6	12	3/4	3/4	0.667	10.2
20SR16x2	16	1/2	1/2	0.438	1.52
20SR16x4	16	1/2	1/2	0.438	3.04
20SR16x6	16	1/2	1/2	0.438	4.56
20SR20x2	20	3/8	3/8	0.325	0.84
20SR20x4	20	3/8	3/8	0.325	1.68
20SR20x6	20	3/8	3/8	0.325	2.52

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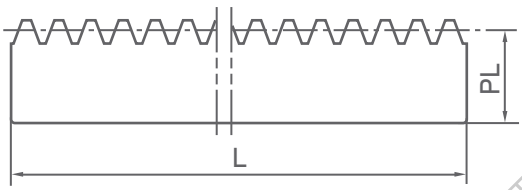
Machined Gear Racks
Standard Face Width

20°
Pressure Angle



Special Note

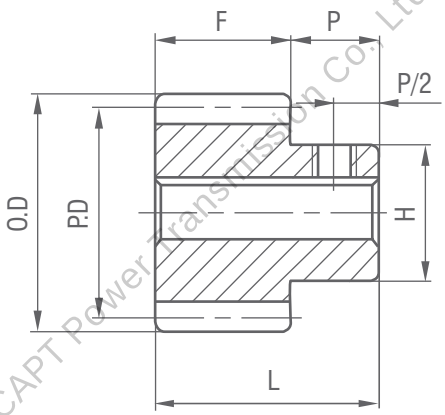
The racks produced by CHSSB are of the following characteristics of high precision:
-In the whole length of 6ft, unstraight degree is within 0.01", no matter where the measurement is taken at any place of the rack.
-Unverticality of each vetical plane of the rack is less than 0.01".
-Error added up to circumferential pitch of any teeth is less than 0.01".



Catalog Number	DP	B	A	PL	wt Lbs
20WR4x2	4	3 1/2	2	1.750	41.0
20WR4x4		3 1/2	2	1.750	82.0
20WR4x6		3 1/2	2	1.750	123.0
20WR5x2	5	2 1/2	1 1/2	1.300	22.4
20WR5x4		2 1/2	1 1/2	1.300	44.8
20WR5x6		2 1/2	1 1/2	1.300	67.2
20WR6x2	6	2	1 1/2	1.333	17.0
20WR6x4		2	1 1/2	1.333	34.0
20WR6x6		2	1 1/2	1.333	51.0
20WR8x2	8	1 1/2	1 1/2	1.375	13.8
20WR8x4		1 1/2	1 1/2	1.375	27.6
20WR8x6		1 1/2	1 1/2	1.375	41.3
20WR10x2	10	1 1/4	1 1/4	1.150	9.0
20WR10x4		1 1/4	1 1/4	1.150	18.0
20WR10x6		1 1/4	1 1/4	1.150	27.0
20WR12x2	12	1	1	0.917	6.4
20WR12x4		1	1	0.917	12.8
20WR12x6		1	1	0.917	19.2
20WR16x2	16	3/4	3/4	0.688	3.4
20WR16x4		3/4	3/4	0.688	6.8
20WR16x6		3/4	3/4	0.688	10.2
20WR20x2	20	1/2	1/2	0.450	0.8
20WR20x4		1/2	1/2	0.450	1.6
20WR20x6		1/2	1/2	0.450	2.5

Shijiazhuang CAPT Power Transmission Co., Ltd.

Finished Bore Steel Stock Spur Gears



Pressure Angle **14 1/2°**

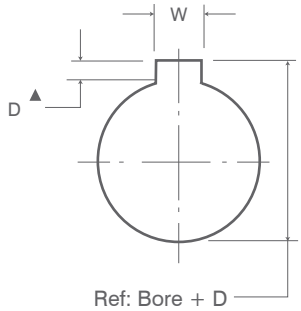


8DP 1 1/4"Face

PART NO.	Z	Diameter		Type	stock Bores Marked"●"					Dimensions				wt
		PD	OD		5/8	3/4	7/8	1"	1 1/8	F	L	P	H	Lbs
FB8S12	12	1.500	1.75	1	●					1 1/4	2	3/4	1 1/8	0.5
FB8S14	14	1.750	2.00	1		●				1 1/4	2	3/4	1 3/8	0.8
FB8S15	15	1.875	2.12	1		●				1 1/4	2	3/4	1 1/2	1.0
FB8S16	16	2.000	2.25	1		●	●	●		1 1/4	2	3/4	1 5/8	1.2
FB8S18	18	2.250	2.50	1		●	●	●	●	1 1/4	2	3/4	1 7/8	1.6
FB8S20	20	2.500	2.75	1		●	●	●	●	1 1/4	2	3/4	2 1/8	2.2
FB8S22	22	2.750	3.00	1		●	●	●	●	1 1/4	2	3/4	2 3/8	2.6

10DP 1"Face

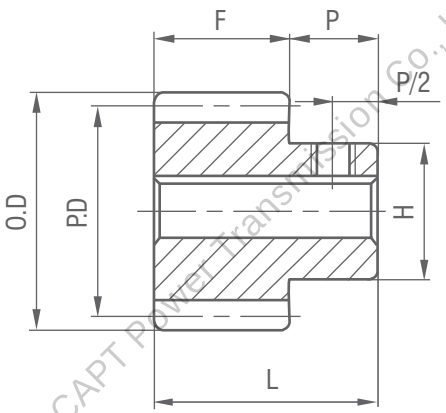
PART NO.	Z	Diameter		Type	stock Bores Marked"●"					Dimensions				wt
		PD	OD		1/2	5/8	3/4	7/8	1"	F	L	P	H	Lbs
FB10S12	12	1.200	1.40		●					1	1 5/8	5/8	29/32	0.3
FB10S14	14	1.400	1.60			●				1	1 5/8	5/8	1 7/64	0.4
FB10S15	15	1.500	1.70			●				1	1 5/8	5/8	1 7/32	0.5
FB10S16	16	1.600	1.80			●	●			1	1 5/8	5/8	1 5/16	0.6
FB10S18	18	1.800	2.00				●	●		1	1 5/8	5/8	1 33/64	0.7
FB10S20	20	2.000	2.20				●	●	●	1	1 5/8	5/8	1 23/32	0.9
FB10S24	24	2.400	2.60				●	●	●	1	1 5/8	5/8	2 7/64	1.6



Standard Keyseat

Bore Range	Keyseat
3/8"-7/16"	None
1/2"-9/16"	1/8"x1/16"
5/8"-7/8"	3/16"x3/32"
15/16"-1 1/4	1/4"x1/8"

Finished Bore Steel Stock Spur Gears



Pressure Angle 14 1/2°



12DP 3/4"Face

PART NO.	Z	Diameter		Type	stock Bores Marked"●"					Dimensions				wt
		PD	OD		1/2	5/8	3/4	7/8	1"	F	L	P	H	Lbs
FB12S11	11	1.000	1.16	1	●					3/4	1 1/4	1/2	3/4	0.1
FB12S12	12	1.000	1.16	1	●					3/4	1 1/4	1/2	3/4	0.1
FB12S13	13	1.083	1.25	1	●					3/4	1 1/4	1/2	13/16	0.2
FB12S14	14	1.167	1.33	1	●					3/4	1 1/4	1/2	29/32	0.2
FB12S15	15	1.250	1.41	1	●					3/4	1 1/4	1/2	1	0.3
FB12S16	16	1.333	1.50	1	●					3/4	1 1/4	1/2	1 1/16	0.3
FB12S18	18	1.500	1.66	1		●				3/4	1 1/4	1/2	1 1/4	0.4
FB12S20	20	1.667	1.83	1		●	●			3/4	1 1/4	1/2	1 13/32	0.5
FB12S21	21	1.750	1.91	1		●	●	●		3/4	1 1/4	1/2	1 1/2	0.6
FB12S22	22	1.833	2.00	1		●	●	●	●	3/4	1 1/4	1/2	1 9/16	0.7
FB12S24	24	2.000	2.16	1		●	●	●	●	3/4	1 1/4	1/2	1 3/4	0.8

16DP 1/2"Face

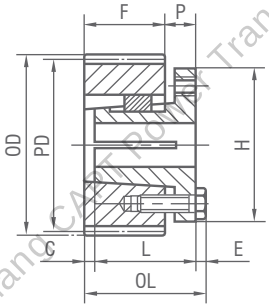
PART NO.	Z	Diameter		Type	stock Bores Marked"●"					Dimensions				wt
		PD	OD		5/16	3/8	1/2	5/8	3/4	F	L	P	H	Lbs
FB16S12	12	0.750	0.87	1	●					1/2	15/16	7/16	9/16	0.1
FB16S13	13	0.813	0.93	1		●				1/2	15/16	7/16	5/8	0.1
FB16S14	14	0.875	1.00	1		●				1/2	15/16	7/16	11/16	0.13
FB16S15	15	0.938	1.06	1		●	●			1/2	15/16	7/16	3/4	0.13
FB16S16	16	1.000	1.12	1		●	●			1/2	15/16	7/16	13/16	0.19
FB16S18	18	1.125	1.25	1			●			1/2	15/16	7/16	15/16	0.21
FB16S20	20	1.250	1.37	1			●	●		1/2	15/16	7/16	1 1/16	0.23
FB16S22	22	1.375	1.50	1			●	●		1/2	15/16	7/16	1 3/16	0.25
FB16S24	24	1.500	1.62	1			●	●	●	1/2	15/16	7/16	1 5/16	0.31
FB16S26	26	1.625	1.75	1			●	●	●	1/2	15/16	7/16	1 7/16	0.44
FB16S28	28	1.750	1.87	1			●	●	●	1/2	1	1/2	1 1/2	0.50
FB16S30	30	1.875	2.00	1			●	●	●	1/2	1	1/2	1 5/8	0.60
FB16S32	32	2.000	2.12	1			●	●	●	1/2	1	1/2	1 3/4	0.69

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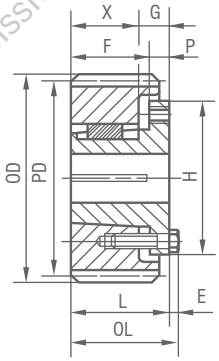
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

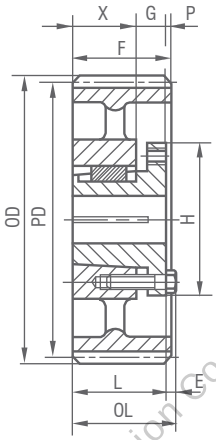
Pressure Angle 14 1/2°



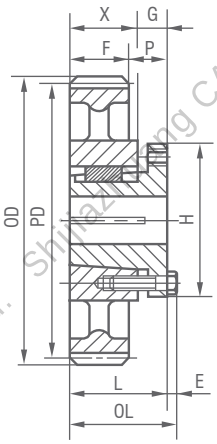
TYPE 2A



TYPE 3A



TYPE 9C



TYPE 7C

3DP 3"Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL3Q15	15	5.000	5.66	Q_2	2A	3	41/32	31/2	3/4	1/4	41/8	—	—	9/32	10.5
STL3Q18	18	6.000	6.66	Q_2	2A	3	41/32	31/2	3/4	1/4	41/8	—	—	9/32	17.8
STL3Q20	20	6.667	7.33	Q_2	3A	3	325/32	31/2	1/2	—	41/8	3/4	23/4	9/32	22.6
STL3Q21	21	7.000	7.66	Q_2	3A	3	325/32	31/2	1/2	—	41/8	3/4	23/4	9/32	25.9
STL3Q24	24	8.000	8.66	R_1	3A	3	35/32	27/8	1/8	—	53/8	7/8	2	9/32	25.8
STL3R30	30	10.000	10.66	R_1	9C	3	35/32	27/8	1/8	—	53/8	7/8	2	9/32	40.0
STL3R42	42	14.000	14.66	R_2	9C	3	35/32	27/8	1/8	—	53/8	7/8	2	9/32	56.0
STL3R48	48	16.000	16.66	R_1	9C	3	35/32	27/8	1/8	—	53/8	7/8	2	9/32	65.5
STL3R54	54	18.000	18.66	R_1	9C	3	35/32	27/8	1/8	—	53/8	7/8	2	9/32	77.0
STL3R60	60	20.000	20.66	R_1	9C	3	35/32	27/8	1/8	—	53/8	7/8	2	9/32	87.0
STL3R72	72	24.000	24.66	R_1	9C	3	35/32	27/8	1/8	—	53/8	7/8	2	9/32	114
STL3S84	84	28.000	28.66	S_1	7C	3	43/4	43/8	1 3/8	—	63/8	11/16	35/16	3/8	151
STL3S96	96	32.00	32.66	S_1	7C	3	43/4	43/8	1 3/8	—	63/8	11/16	35/16	3/8	180
STL3S108	108	36.000	36.66	S_1	7C	3	43/4	43/8	1 3/8	—	63/8	11/16	35/16	3/8	198
STL3S120	120	40.000	40.66	S_1	7C	3	43/4	43/8	1 3/8	—	63/8	11/16	35/16	3/8	244

Bore Range

Bushing	Bore Range
Q_2	1"-25/8
R_1	11/8-33/4
S_1	111/16-41/4



Standard Keyseats

Bore Range	Keyway
1"-11/4"	1/4"x1/8"
15/16-13/8	5/16x5/32
17/16-13/4	3/8x3/16
113/16-21/4	1/2x1/4
25/16-23/4	5/8x5/16
213/16-31/4	3/4x3/8
35/16-33/4	7/8x7/16
313/16-43/8	1x1/2

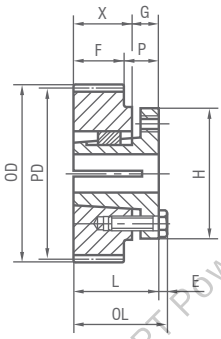
13/8" Bore Bushings Also available with 3/8" x 3/16" Ks

Shijiazhuang CAPT Power Transmission Co., Ltd.

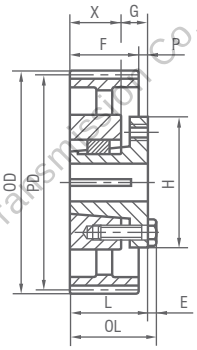
CAPT 凯普特传动

Taper Bore Spur Gears STL

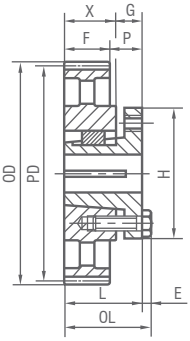
Steel Stock and Cast Iron



TYPE 5A



TYPE 8C



TYPE 7C

Pressure Angle **14 1/2°**



4DP 2"Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL4P15	15	3.750	4.25	P2	5A	2	3 3/16	2 15/16	15/16	—	3	5/8	2 5/16	1/4	4.7
STL4P16	16	4.000	4.50	P2	5A	2	3 3/16	2 15/16	15/16	—	3	5/8	2 5/16	1/4	5.6
STL4P20	20	5.000	5.50	P2	5A	2	3 3/16	2 15/16	15/16	—	3	5/8	2 5/16	1/4	14.4
STL4P24	24	6.000	6.50	P2	5A	2	3 3/16	2 15/16	15/16	—	3	5/8	2 5/16	1/4	14.4
STL4P28	28	7.000	7.50	P2	5A	2	3 3/16	2 15/16	15/16	—	3	5/8	2 5/16	1/4	20.4
STL4Q30	30	7.500	8.00	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	16.2
STL4Q32	32	8.000	8.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	18.1
STL4Q36	36	9.000	9.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	19.2
STL4Q40	40	10.000	10.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	25.6
STL4Q44	44	11.000	11.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	26.8
STL4Q48	48	12.000	12.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	27.8
STL4Q54	54	13.500	14.00	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	31.1
STL4Q56	56	14.000	14.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	32.3
STL4Q60	60	15.000	15.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	35.9
STL4Q64	64	16.000	16.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	39.9
STL4Q72	72	18.000	18.50	Q1	8C	2	2 25/32	2 1/2	1/2	—	4 1/8	3/4	1 3/4	9/32	43.3
STL4R80	80	20.000	20.50	R1	7C	2	3 5/32	2 7/8	7/8	—	5 3/8	7/8	2	9/32	52.5
STL4R88	88	22.000	22.50	R1	7C	2	3 5/32	2 7/8	7/8	—	5 3/8	7/8	2	9/32	60.3
STL4R96	96	24.000	24.50	R1	7C	2	3 5/32	2 7/8	7/8	—	5 3/8	7/8	2	9/32	65.5
STL4R120	120	30.0000	30.50	R1	7C	2	3 5/32	2 7/8	7/8	—	5 3/8	7/8	2	9/32	96.5
STL4R144	144	36.000	36.50	R1	7C	2	3 5/32	2 7/8	7/8	—	5 3/8	7/8	2	9/32	127.0

Bore Range

Bushing	Bore Range
P2	3/4"-1 3/4"
Q1	3/4-2 11/16
R1	1 1/8-3 3/4



Standard keyseats

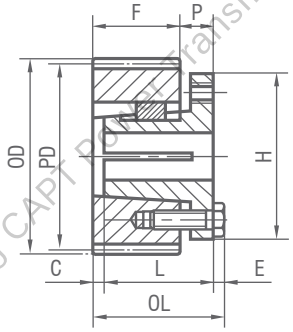
Bore Range	Keyway
3/4"-7/8"	3/16"x3/32"
15/16-1 1/4	1/4x1/8
1 5/16 & 1 3/8	5/16x5/32
1 7/16-1 3/4	3/8x3/16
1 13/16-2 1/4	1/2x1/4
2 5/16-2 3/4	5/8x5/16
2 13/16-3 1/4	3/4x3/8
3 3/8-3 3/4	7/8x7/16

1 3/8" Bore Bushings Also available with 3/8" x 3/16" Ks

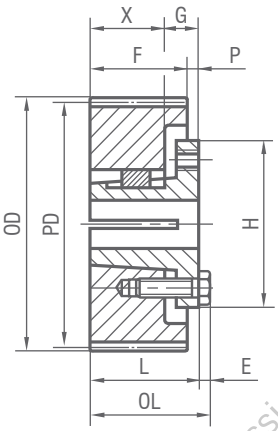
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

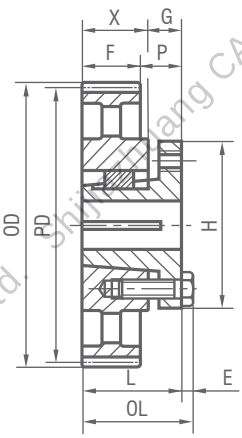
Pressure Angle 14 1/2°



TYPE 2A



TYPE 3A



TYPE 7C

5DP 1 3/4" Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL5P18	18	3.60	4.00	P_1	2A	1 3/4	2 5/8	1 15/16	5/8	7/16	3	—	—	1/4	3.4
STL5P20	20	4.00	4.40	P_1	2A	1 3/4	2 5/8	1 15/16	5/8	7/16	3	—	—	1/4	4.5
STL5P24	24	4.80	5.20	P_1	3A	1 3/4	2 3/16	1 15/16	3/16	—	3	5/8	15/16	1/4	6.4
STL5P30	30	6.00	6.40	P_1	3A	1 3/4	2 3/16	1 15/16	3/16	—	3	5/8	15/16	1/4	10.6
STL5P35	35	7.00	7.40	P_1	3A	1 3/4	2 3/16	1 15/16	3/16	—	3	5/8	15/16	1/4	14.9
STL5Q40	40	8.00	8.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	15.7
STL5Q45	45	9.00	9.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	17.4
STL5Q50	50	10.00	10.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	18.7
STL5Q60	60	12.00	12.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	21.6
STL5Q70	70	14.00	14.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	28.0
STL5Q80	80	16.00	16.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	33.5
STL5Q90	90	18.00	18.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	36.5
STL5Q120	120	24.00	24.40	Q_1	7C	1 3/4	2 25/32	2 1/2	3/4	—	4 1/8	3/4	1 3/4	9/32	52.0

Bore Range

Bushing	Bore Range
P_1	1/2"-1 3/4"
Q_1	3/4-2 11/16



Standard Keyseats

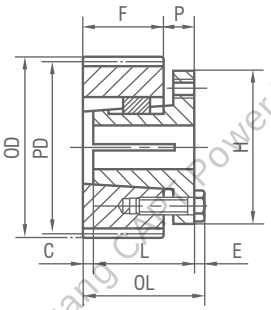
Bore Range	Keyseat
1/2"-9/16"	1/8"x1/16"
5/8-7/8	3/16x3/32
15/16-1 1/4	1/4x1/8
1 5/16-1 3/8	5/16x5/32
1 7/16-1 3/4	3/8x3/16
1 13/16-2 1/4	1/2x1/4
2 5/16-2 3/4	5/8x5/16
2 13/16-3 1/4	3/4x3/8

1 3/8" Bore Bushing also available with 3/8"x3/16" Keyseat.

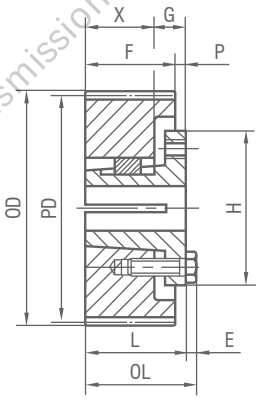
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

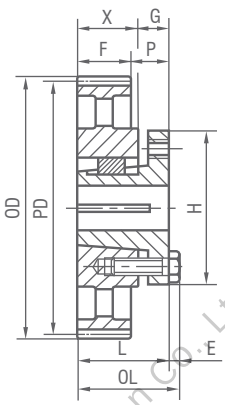
Pressure Angle 14 1/2°



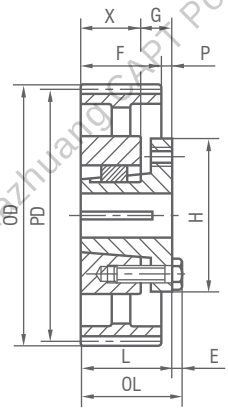
TYPE 2A



TYPE 3A



TYPE 7C



TYPE 8C

6DP 1 1/2" Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL6P21	21	3.500	3.83	P_1	2A	1 1/2	2 3/8	1 15/16	5/8	3/16	3	—	—	1/4	2.7
STL6P24	24	4.000	4.33	P_1	2A	1 1/2	2 3/8	1 15/16	5/8	3/16	3	—	—	1/4	3.9
STL6P30	30	5.000	5.33	P_1	3A	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	6.5
STL6P32	32	5.333	5.66	P_1	3A	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	7.7
STL6P33	33	5.500	5.83	P_1	3A	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	8.1
STL6P36	36	6.000	6.33	P_1	3A	1 1/2	3 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	10.1
STL6P40	40	6.667	7.00	P_1	3A	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	12.6
STL6P42	42	7.000	7.33	P_1	3A	1 1/2	2 3/16	15/16	7/16	—	3	5/8	1 5/16	1/4	14.2
STL6P48	48	8.000	8.33	P_1	8C	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	15.2
STL6P60	60	10.000	10.33	P_1	8C	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	16.2
STL6P64	64	10.667	11.00	P_1	8C	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	17.2
STL6P72	72	12.000	12.33	P_1	8C	1 1/2	2 3/16	1 15/16	7/16	—	3	5/8	1 5/16	1/4	18.2
STL6Q84	84	14.000	14.33	Q_1	7C	1 1/2	2 25/32	2 1/2	1	—	4 1/8	3/4	1 3/4	9/32	19.3
STL6Q96	96	16.000	16.33	Q_1	7C	1 1/2	2 25/32	2 1/2	1	—	4 1/8	3/4	1 3/4	9/32	22.8
STL6Q108	108	18.000	18.33	Q_1	7C	1 1/2	2 25/32	2 1/2	1	—	4 1/8	3/4	1 3/4	9/32	26.8
STL6Q120	120	20.000	20.33	Q_1	7C	1 1/2	2 25/32	2 1/2	1	—	4 1/8	3/4	1 3/4	9/32	31.4
STL6Q132	132	22.000	22.33	Q_1	7C	1 1/2	2 25/32	2 1/2	1	—	4 1/8	3/4	1 3/4	9/32	44.2
STL6Q144	144	24.000	24.33	Q_1	7C	1 1/2	2 25/32	2 1/2	1	—	4 1/8	3/4	1 3/4	9/32	48.4

Bore Range

Bushing	Bore Range
P_1	1/2"-1 3/4"
Q_1	3/4-2 11/16"



Standard Keyseats

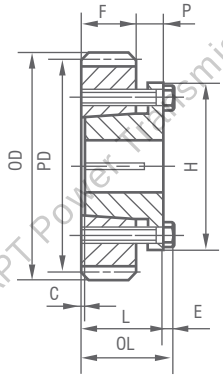
Bore Range	Keyseat
3/8"-7/16"	None
1/2-9/16	1/8"X1/16"
5/8-7/8	3/16X3/32
15/16-1 1/4	1/4X1/8
1 5/16-1 3/8	5/16X5/32
1 7/16-1 3/4	3/8X3/16
1 13/16-2 1/4	1/2X1/4
2 5/16-2 3/4	5/8X5/16

1 3/8" Bore Bushing also available with 3/8"X3/16" Keyseat.

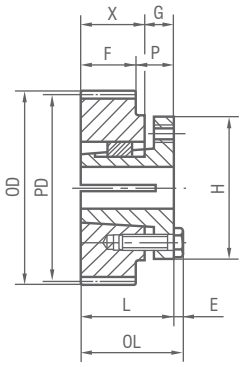
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

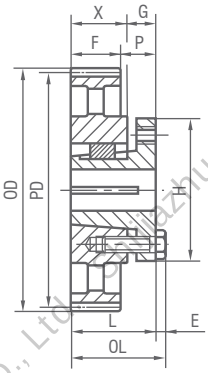
Pressure Angle 14 1/2°



TYPE 6



TYPE 5A



TYPE 7C

8DP 1 1/4" Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL8H24	24	3.000	3.25	H	6	1 1/4	1 7/8	1 1/4	7/16	7/16	2 1/2	—	—	3/16	1.1
STL8H28	28	3.500	3.75	H	6	1 1/4	1 7/8	1 1/4	7/16	7/16	2 1/2	—	—	3/16	2.6
STL8H30	30	3.750	4.00	H	6	1 1/4	1 7/8	1 1/4	7/16	7/16	2 1/2	—	—	3/16	3.0
STL8H32	32	4.000	4.25	H	6	1 1/4	1 7/8	1 1/4	7/16	7/16	2 1/2	—	—	3/16	3.8
STL8P36	36	4.500	4.75	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	4.5
STL8P40	40	5.000	5.25	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	5.8
STL8P42	42	5.250	5.50	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	6.9
STL8P44	44	5.500	5.75	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	7.7
STL8P48	48	6.000	6.25	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	9.2
STL8P54	54	6.750	7.00	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	12.1
STL8P56	56	7.000	7.25	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	6.6
STL8P60	60	7.500	7.75	P1	5A	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	7.4
STL8P64	64	8.000	8.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	7.7
STL8P72	72	9.000	9.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	9.1
STL8P80	80	10.000	10.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	10.6
STL8P84	84	10.500	10.75	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	10.9
STL8P88	88	11.000	11.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	11.9
STL8P96	96	12.000	12.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	13.4
STL8P112	112	14.000	14.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	16.9
STL8P120	120	15.000	15.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	18.5
STL8P128	128	16.000	16.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	21.8
STL8P144	144	18.000	18.25	P1	7C	1 1/4	2 3/16	1 15/16	11/16	—	3	5/8	1 5/16	1/4	26.3
STL8Q160	160	20.000	20.25	Q1	7C	1 1/4	2 25/32	2 1/2	1 1/4	—	4 1/8	3/4	1 3/4	9/32	32.2

Bore Range

Bushing	Bore Range
H	3/8"-1 1/2"
P1	1/2-1 3/4
Q1	3/4-2 11/16

Standard Keyseats

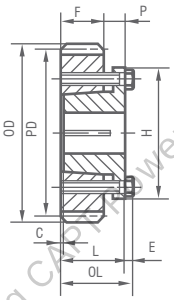
Bore Range	Keyseat	Bore Range	Keyseat
3/8"-7/16"	None	1 5/16-1 3/8	5/16X5/32
1/2-9/16	1/8"x1/16"	1 7/16-1 3/4	3/8X3/16
5/8-7/8	3/16X3/32	1 13/16-2 1/4	1/2X1/4
15/16-1 1/4	1/4X1/8	2 5/16-2 11/16	5/8X5/16

1 3/8" Bore Bushing also available with 3/8"X3/16" Keyseat.

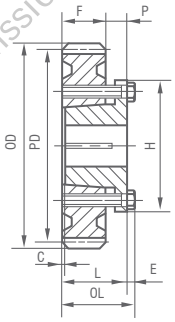
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

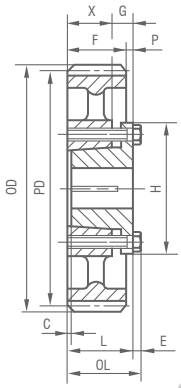
Pressure Angle 14 1/2°



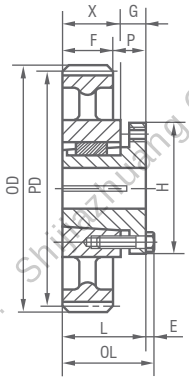
TYPE 6



TYPE 7



TYPE 8



TYPE 7C

10DP 1"Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL10G25	25	2.50	2.70	G	6	1	15/8	1	7/16	7/16	2	—	—	3/16	0.9
STL10H30	30	3.00	3.20	H	6	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	1.3
STL10H32	32	3.20	3.40	H	6	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	1.6
STL10H35	35	3.50	3.70	H	6	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	2.0
STL10H36	36	3.60	3.80	H	6	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	2.3
STL10H40	40	4.00	4.20	H	6	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	2.9
STL10H45	45	4.50	4.70	H	6	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	3.8
STL10H48	48	4.80	5.00	H	6	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	4.8
STL10H50	50	5.00	5.20	H	7	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	5.4
STL10H54	54	5.40	5.60	H	7	1	15/8	11/4	7/16	3/16	21/2	—	—	3/16	6.3
STL10H55	55	5.50	5.70	H	8	1	11/2	11/4	5/16	1/16	21/2	7/16	7/8	3/16	3.0
STL10H60	60	6.00	6.20	H	8	1	11/2	11/4	5/16	1/16	21/2	7/16	7/8	3/16	3.8
STL10H64	64	6.40	6.60	H	8	1	11/2	11/4	5/16	1/16	21/2	7/16	7/8	3/16	4.4
STL10H70	70	7.00	7.20	H	8	1	11/2	11/4	5/16	1/16	21/2	7/16	7/8	3/16	4.8
STL10H72	72	7.20	7.40	H	8	1	11/2	11/4	5/16	1/16	1/2	7/16	7/8	3/16	5.0
STL10H80	80	8.00	8.20	H	8	1	11/2	11/4	5/16	1/16	21/2	7/16	7/8	3/16	5.8
STL10H90	90	9.00	9.20	H	8	1	11/2	11/4	5/16	1/16	21/3	7/16	7/8	3/16	6.4
STL10H96	96	9.60	9.80	H	8	1	11/2	11/4	5/16	1/16	21/2	7/16	7/8	3/16	7.5
STL10H100	100	10.00	10.20	H	8	1	11/2	11/4	5/16	1/16	21/2	7/16	7/8	3/16	8.3
STL10P120	120	12.00	12.20	P_1	7C	1	23/16	115/16	15/16	—	3	5/8	15/16	1/4	10.5
STL10P140	140	14.00	14.20	P_1	7C	1	23/16	115/16	15/16	—	3	5/8	15/16	1 /4	13.0
STL10P180	180	18.00	18.20	P_1	7C	1	23/16	115/16	15/16	—	3	5/8	15/16	1/4	19.9
STL10P200	200	20.00	20.20	P_1	7C	1	23/16	115/16	15/16	—	3	5/8	15/16	1/4	22.3

Bore Range

Bushing	Bore Range
G	3/8"-1"
H	3/8-11/2
P_1	1/2-13/4



Standard Keyseats

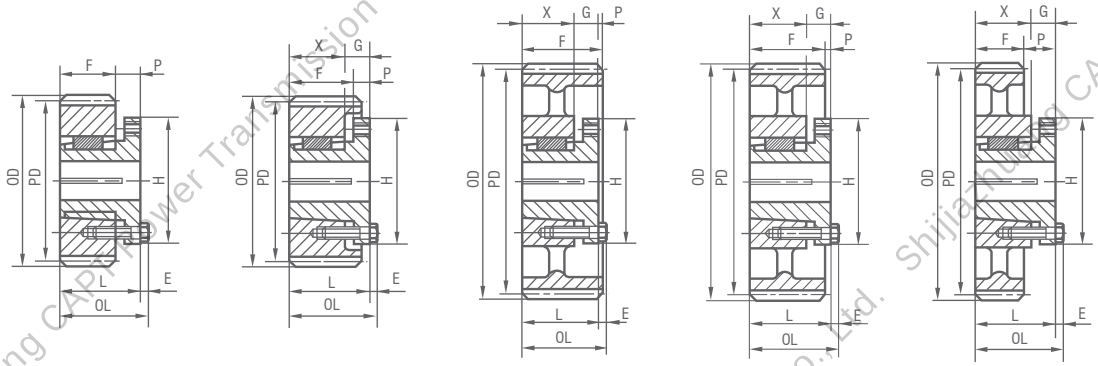
Bore Range	Keyseats
3/8"-7/16"	None
1/2-9/16	1/8"X1/16"
5/8-7/8	3/16X3/32
15/16-11/4	1/4X1/8
15/16-13/8	5/16X5/32
17/16-13/4	3/8X3/16

1 3/8" Bore Bushings Also available with 3/8"X3/16" Keyseat.

Taper Bore Spur Gears STL

Steel Stock and Cast Iron

Pressure Angle 20°



TYPE 2A TYPE 3A TYPE 9C TYPE 8C TYPE 7C

4DP 3 1/2" Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL4Q20B	20	5.00	5.50	Q_2	2A	3 1/2	4 17/32	3 1/2	3/4	3/4	4 1/8	—	—	9/32	12.9
STL4Q24B	24	6.00	6.50	Q_2	2A	3 1/2	4 17/32	3 1/2	3/4	3/4	4 1/8	—	—	9/32	21.5
STL4Q28B	28	7.00	7.50	Q_2	3A	3 1/2	3 25/32	3 1/2	—	—	4 1/8	3/4	2 3/4	9/32	29.4
STL4R32B	32	8.00	8.50	R_1	3A	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	38.5
STL4R40B	40	10.00	10.50	R_1	9C	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	42.7
STL4R44B	44	11.00	11.50	R_1	9C	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	47.8
STL4R60B	60	15.00	15.50	R_1	9C	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	67.5
STL4R64B	64	16.00	16.50	R_1	9C	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	73.8
STL4R72B	72	18.00	18.50	R_1	9C	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	84.0
STL4R80B	80	20.00	20.50	R_1	9C	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	96.5
STL4R96B	96	24.00	24.50	R_1	9C	3 1/2	3 1/2	2 7/8	5/8	—	5 3/8	7/8	2	9/32	124
STL4S112B	112	28.00	28.50	S_1	8C	3 1/2	4 3/4	4 3/8	7/8	—	6 3/8	1 1/16	3 5/16	3/8	166
STL4S128B	128	32.00	32.50	S_1	8C	3 1/2	4 3/4	4 3/8	7/8	—	6 3/8	1 1/16	3 5/16	3/8	199
STL4S160B	160	40.00	40.50	S_1	8C	3 1/2	4 3/4	4 3/8	7/8	—	6 3/8	1 1/16	3 5/16	3/8	250

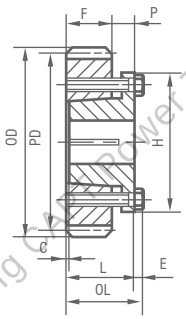
5DP 2 1/2" Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL5P18B	18	3.60	4.00	P_2	2A	2 1/2	3 3/8	2 15/16	5/8	3/16	3	—	—	1/4	4.9
STL5P20B	20	4.00	4.40	P_2	2A	2 1/2	3 3/8	2 15/16	5/8	3/16	3	—	—	1/4	6.7
STL5P35B	35	7.00	7.40	P_2	3A	2 1/2	3 3/16	2 15/16	7/16	—	3	5/8	2 5/16	1/4	24.0
STL5Q40B	40	8.00	8.40	Q_1	8C	2 1/2	2 25/32	2 1/2	—	—	4 1/8	3/4	1 3/4	9/32	18.6
STL5Q45B	45	9.00	9.40	Q_1	8C	2 1/2	2 25/32	2 1/2	—	—	4 1/8	3/4	1 3/4	9/32	22.2
STL5Q60B	60	12.00	12.40	Q_1	8C	2 1/2	2 25/32	2 1/2	—	—	4 1/8	3/4	1 3/4	9/32	32.9
STL5Q70B	70	14.00	14.40	Q_1	8C	2 1/2	2 25/32	2 1/2	—	—	4 1/8	3/4	1 3/4	9/32	35.9
STL5Q80B	80	16.00	16.40	Q_1	8C	2 1/2	2 25/32	2 1/2	—	—	4 1/8	3/4	1 3/4	9/32	47.1
STL5Q90B	90	18.00	18.40	Q_1	8C	2 1/2	2 25/32	2 1/2	—	—	4 1/8	3/4	1 3/4	9/32	52.0
STL5R100B	100	20.00	20.40	R_1	8C	2 1/2	3 5/32	2 7/8	3/8	—	5 3/8	7/8	2	9/32	60.0
STL5R120B	120	24.00	24.40	R_1	8C	2 1/2	3 5/32	2 7/8	3/8	—	5 3/8	7/8	2	9/32	77.0
STL5S140B	140	28.00	28.40	S_1	7C	2 1/2	4 3/4	4 3/8	1 7/8	—	6 3/8	1 1/16	3 5/16	3/8	141

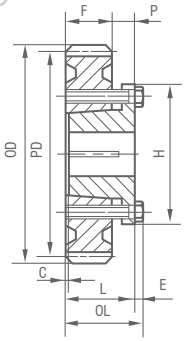
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

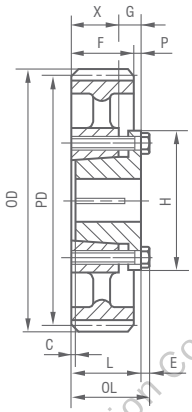
Pressure Angle 20°



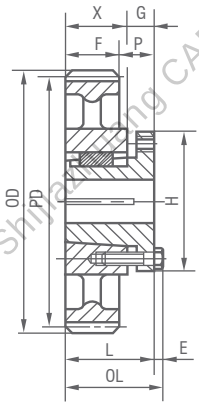
TYPE 6



TYPE 7



TYPE 8



TYPE 7C

12DP 1"Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL12H36B	36	3.00	3.16	H	6	1	1 5/8	1 1/4	7/16	3/16	2 1/2	—	—	3/16	1.4
STL12H42B	42	3.50	3.66	H	6	1	1 5/8	1 1/4	7/16	3/16	2 1/2	—	—	3/16	2.0
STL12H48B	48	4.00	4.16	H	6	1	1 5/8	1 1/4	7/16	3/16	2 1/2	—	—	3/16	3.0
STL12H60B	60	5.00	5.16	H	7	1	1 5/8	1 1/4	7/16	3/16	2 1/2	—	—	3/16	3.5
STL12H72B	72	6.00	6.16	H	8	1	1 1/2	1 1/4	5/16	1/16	2 1/2	7/16	7/8	3/16	3.9
STL12H84B	84	7.00	7.16	H	8	1	1 1/2	1 1/4	5/16	1/16	2 1/2	7/16	7/8	3/16	4.5
STL12H96B	96	8.00	8.16	H	8	1	1 1/2	1 1/4	5/16	1/16	2 1/2	7/16	7/8	3/16	5.2
STL12H108B	108	9.00	9.16	H	8	1	1 1/2	1 1/4	5/16	1/16	2 1/2	7/16	7/8	3/16	5.8
STL12P144B	144	12.00	12.16	P_1	7c	1	2 3/16	1 15/16	15/16	—	3	5/8	1 5/16	1/4	10.5

Bore Range

Bushing	Bore Range
G	3/8"-1"
H	3/8-1 1/2
P_1	1/2-1 3/4

Standard Keyseats

Bore Range	Keyseats
3/8" & 7/16"	None
1/2 & 9/16	1/8"X1/16"
5/8-7/8	3/16X3/32
15/16-1 1/4	1/4X1/8
1 5/16-1 3/8	5/16X5/32
1 7/16-1 3/4	3/8X3/16

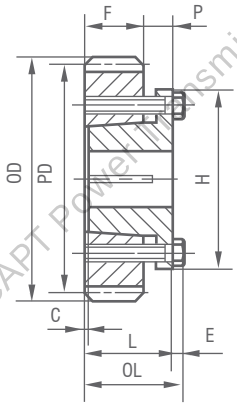
1 3/8" Bore Bushings also available with 3/8"x3/16" Ks.



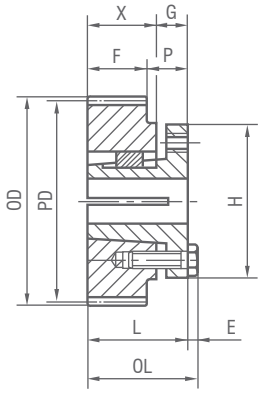
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

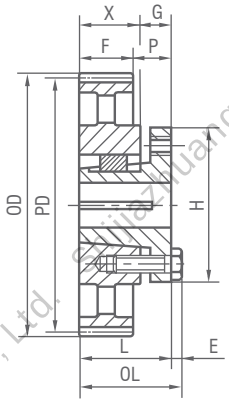
Pressure Angle 20°



TYPE 6



TYPE 5A



TYPE 7C

10DP 1 1/4"Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL10H30B	30	3.00	3.20	H	6	1 1/4	1 7/8	1 1/4	7/16	7/16	2 1/2	—	—	3/16	2.8
STL10H35B	35	3.50	3.70	H	6	1 1/4	1 7/8	1 1/4	7/16	7/16	2 1/2	—	—	3/16	3.0
STL10H40B	40	4.00	4.20	H	6	1 1/4	1 7/8	1 1/4	7/16	7/16	2 1/2	—	—	3/16	3.6
STL10P45B	45	4.50	4.70	P1	5A	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	4.5
STL10P55B	55	5.50	5.70	P1	5A	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	6.5
STL10P60B	60	6.00	6.20	P1	5A	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	9.5
STL10P70B	70	7.00	7.20	P1	7C	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	6.8
STL10P80B	80	8.00	8.20	P1	7C	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	7.9
STL10P100B	100	10.00	10.20	P1	7C	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	10.6
STL10P110B	110	11.00	11.20	P1	7C	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	12.4
STL10P140B	140	14.00	14.20	P1	7C	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	15.6
STL10P180B	180	18.00	18.20	P1	7C	1 1/4	2 3/16	1 15/16	11 /16	—	3	5/8	15/16	1/4	25.6

Bore Range

Bushing	Bore Range
H_1	3/8"-1 1/2"
P_1	1/2-1 3/4
Q_1	3/4-2 11/16



Standard Keyseats

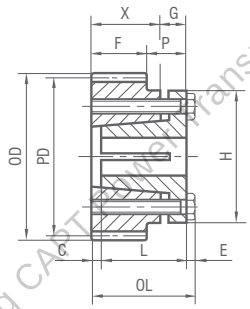
Bore Range	Deyseats
3/8" & 7/16"	None
1/2 & 9/16	1/8"X1/16"
5/8-7/8	3/16X3/32
15/16-1 1/4	1/4X1/8
1 5/16 & 1 3/8	5/16X5/32
1 7/16-1 3/4	3/8X3/16
1 13/16-2 1/4	1/2X1/4
2 5/16-2 11/16	5/8X5/16

1 3/8" Bore Bushings also availablewith 3/8"X3/16" Ks.

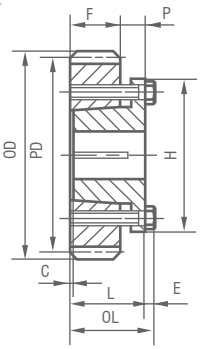
Taper Bore Spur Gears STL

Steel Stock and Cast Iron

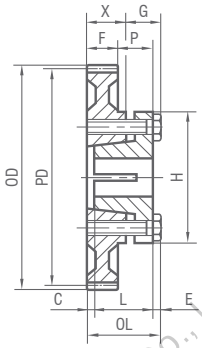
Pressure Angle 20°



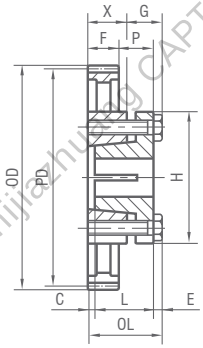
TYPE 5



TYPE 6



TYPE 9



TYPE 10

16DP 3/4"Face

Part No.	Z	Diameter		Bush	Type	Dimensions									wt
		PD	OD			F	OL	L	P	C	H	G	X	E	Lbs
STL16G36B	36	2.250	2.37	G	6	3/4	1 3/8	1	7/16	3/16	2	—	—	3/16	0.6
STL16G40B	40	2.500	2.62	G	6	3/4	1 3/8	1	7/16	3/16	2	—	—	3/16	0.8
STL16H48B	48	3.000	3.12	H	5	3/4	1 1/2	1 1/4	9/16	1/16	2 1/2	7/16	7/8	3/16	1.0
STL16H56B	56	3.500	3.62	H	5	3/4	1 1/2	1 1/4	9/16	1/16	2 1/2	7/16	7/8	3/16	1.7
STL16H64B	64	4.000	4.12	H	5	3/4	1 1/2	1 1/4	9/16	1/16	2 1/2	7/16	7/8	3/16	2.3
STL16H80B	80	5.000	5.12	H	9	3/4	1 1/2	1 1/4	9/16	1/16	2 1/2	7/16	7/8	3/16	3.0
STL16H96B	96	6.000	6.12	H	10	3/4	1 1/2	1 1/4	9/16	1/16	2 1/2	7/16	7/8	3/16	3.5



Bore Range

Bushing	Bore Range
G	3/8"-1"
H	3/8-1 1/2

Standard Keyseats

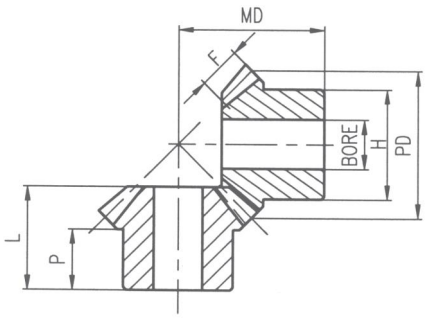
Bore Range	Keyseats
3/8" & 7/16"	None
1/2 & 9/16	1/8X1/16
5/8-7/8	3/16X3/32
15/16-1 1/4	1/4X1/8
1 5/16 & 1 3/8	5/16X5/32
1 7/16 & 1 3/4	3/8X5/16

1 3/8" Bore Bushings also available with 3/8"X3/16" Ks.

Steel Miter Gears

Pressure angle 20°



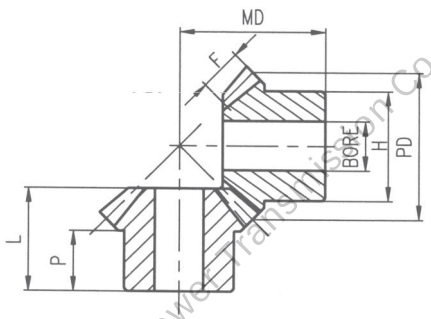


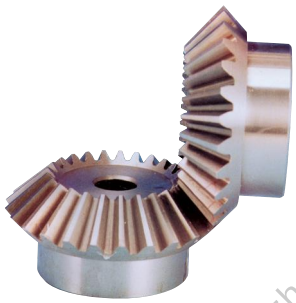
Steel - Plain Bore --- Unhardened Teeth 1:1

Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt
						Stock	Max	F	L	P	H	Lbs
4DP	24	CAI-4DP24	6.00	6.36	5 1/2	1 1/2	2 3/8	1.330	3 9/16	1 15/16	4	14.5
	24	CAI-4DP24A	6.00	6.36	5 1/2	1 3/4	2 3/8	1.330	3 9/16	1 15/16	4	14.0
	28	CAI-4DP28	7.00	7.36	6	2	3	1.430	3 5/8	1 15/16	5	21.5
5DP	25	CAI-5DP25	5.00	5.29	4 5/8	1 3/8	2 1/4	1.100	3	1 3/4	3 1/2	8.8
	25	CAI-5DP25A	5.00	5.29	4 5/8	1 1/2	2 1/4	1.100	3	1 3/4	3 1/2	8.4
	25	CAI-5DP25B	5.00	5.29	4 5/8	1 3/4	2 1/4	1.100	3	1 3/4	3 1/2	7.8
6DP	24	CAI-6DP24	4.00	4.24	3 5/8	1 1/4	2	0.860	2 5/16	1 5/16	3	4.4
	24	CAI-6DP24A	4.00	4.24	3 5/8	1 1/2	2	0.860	2 5/16	1 5/16	3	4.3
	27	CAI-6DP27	4.50	4.74	4 1/8	1 1/4	2 3/16	0.960	2 5/8	1 1/2	3 1/4	6.3
	27	CAI-6DP27A	4.50	4.74	4 1/8	1 1/2	2 3/16	0.960	2 5/8	1 1/2	3 1/4	5.9
8DP	24	CAI-8DP24	3.00	3.18	2 9/16	3/4	1	0.640	1 37/64	13/16	1 3/4	1.5
	24	CAI-8DP24A	3.00	3.18	2 3/4	1	1 3/8	0.640	1 49/64	1	2 1/2	2.1
	24	CAI-8DP24B	3.00	3.18	2 3/4	1 1/4	1 5/8	0.640	1 49/64	1	2 1/2	1.9
	28	CAI-8DP28	3.50	3.68	3 1/4	1	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.9
	28	CAI-8DP28A	3.50	3.68	3 1/4	13/16	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.8
	28	CAI-8DP28B	3.50	3.68	3 1/4	1 1/4	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.6
	32	CAI-8DP32	4.00	4.18	3 5/8	1	2	0.840	2 9/32	1 1/8	3	4.8
10DP	20	CAI-10DP20A	2.00	2.14	2	1/2	7/8	0.440	1 23/64	13/16	1 5/8	0.75
	20	CAI-10DP20B	2.00	2.14	2	5/8	7/8	0.440	1 23/64	13/16	1 5/8	0.72
	20	CAI-10DP20	2.00	2.14	2	3/4	7/8	0.440	1 23/64	13/16	1 5/8	0.67
	20	CAI-10DP20C	2.00	2.14	2	7/8	7/8	0.440	1 23/64	13/16	1 5/8	0.58
	25	CAI-10DP25	2.50	2.64	2 7/16	3/4	1 1/4	0.550	1 5/8	15/16	2	1.2
	25	CAI-10DP25A	2.50	2.64	2 7/16	7/8	1 1/4	0.550	1 5/8	15/16	2	1.2
	25	CAI-10DP25B	2.50	2.64	2 7/16	1	1 1/4	0.550	1 5/8	15/16	2	1.2
	30	CAI-10DP30	3.00	3.14	2 3/4	3/4	1 5/8	0.640	1 3/4	1	2	1.8
12DP	15	CAI-12DP15	1.25	1.37	1 1/4	3/8	3/4	0.270	55/64	1/2	1	0.17
	15	CAI-12DP15A	1.25	1.37	1 1/4	7/16	3/4	0.270	55/64	1/2	1	0.16
	15	CAI-12DP15B	1.25	1.37	1 1/4	1/2	3/4	0.270	55/64	1/2	1	0.15
	18	CAI-12DP18	1.50	1.62	1 1/2	1/2	7/8	0.320	1 1/64	5/8	1 1/4	0.30
	18	CAI-12DP18A	1.50	1.62	1 1/2	5/8	7/8	0.320	1 1/64	5/8	1 1/4	0.25
	18	CAI-12DP18B	1.50	1.62	1 1/2	3/4	7/8	0.320	1 1/64	5/8	1 1/4	0.22
	21	CAI-12DP21	1.75	1.87	1 3/4	1/2	1	0.390	1 3/16	11/16	1 3/8	0.45
	21	CAI-12DP21A	1.75	1.87	1 3/4	9/16	1	0.390	1 3/16	11/16	1 3/8	0.45
	21	CAI-12DP21B	1.75	1.87	1 3/4	5/8	1	0.390	1 3/16	11/16	1 3/8	0.43
	21	CAI-12DP21C	1.75	1.87	1 3/4	3/4	1	0.390	1 3/16	11/16	1 3/8	0.38
	24	CAI-12DP24	2.00	2.12	1 7/8	1/2	1	0.430	1 7/32	11/16	1 1/2	0.62
	30	CAI-12DP30	2.50	2.62	2 5/16	5/8	1 1/4	0.540	1 31/64	27/32	1 3/4	1.10
14DP	14	CAI-14DP14	1.00	1.11	1 1/16	3/8	5/8	0.190	47/64	1/2	7/8	0.10
	14	CAI-14DP14A	1.00	1.11	1 1/16	7/16	5/8	0.190	47/64	1/2	7/8	0.10
16DP	12	CAI-16DP12	0.75	0.84	13/16	5/16	7/16	0.160	37/64	3/8	5/8	0.10
	16	CAI-16DP16	1.00	1.09	1 1/16	3/8	1/2	0.220	3/4	7/16	3/4	0.10
	20	CAI-16DP20	1.25	1.34	1 1/4	7/16	5/8	0.270	27/32	1/2	1	0.20
	24	CAI-16DP24	1.50	1.59	1 3/8	1/2	7/8	0.310	7/8	1/2	1	0.20
20DP	20	CAI-20DP20	1.00	1.07	1 1/8	3/8	5/8	0.230	13/16	1/2	3/4	0.10
	25	CAI-20DP25	1.25	1.32	1 3/16	3/8	3/4	0.250	3/4	7/16	1	0.10
24DP	24	CAI-24DP24	1.00	1.06	29/32	1/4	1/2	0.200	9/16	9/32	5/8	0.10

Steel Miter Gears

Pressure angle 20°





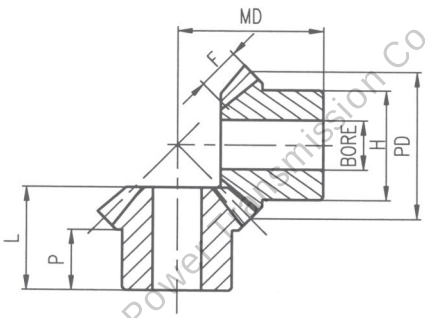
Steel - Plain Bore --- Hardened Teeth 1:1

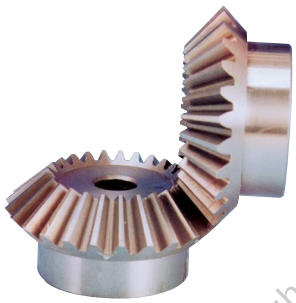
Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt
						Stock	Max	F	L	P	H	Lbs
4DP	24	CAI-H4DP24	6.00	6.36	5 1/2	1 1/2	2 3/8	1.330	3 9/16	1 15/16	4	14.5
	24	CAI-H4DP24A	6.00	6.36	5 1/2	1 3/4	2 3/8	1.330	3 9/16	1 15/16	4	14.0
	28	CAI-H4DP28	7.00	7.36	6	2	3	1.430	3 5/8	1 15/16	5	21.5
5DP	25	CAI-H5DP25	5.00	5.29	4 5/8	1 3/8	2 1/4	1.100	3	1 3/4	3 1/2	8.8
	25	CAI-H5DP25A	5.00	5.29	4 5/8	1 1/2	2 1/4	1.100	3	1 3/4	3 1/2	8.4
	25	CAI-H5DP25B	5.00	5.29	4 5/8	1 3/4	2 1/4	1.100	3	1 3/4	3 1/2	7.8
6DP	24	CAI-H6DP24	4.00	4.24	3 5/8	1 1/4	2	0.860	2 5/16	1 5/16	3	4.4
	24	CAI-H6DP24A	4.00	4.24	3 5/8	1 1/2	2	0.860	2 5/16	1 5/16	3	4.3
	27	CAI-H6DP27	4.50	4.74	4 1/8	1 1/4	2 3/16	0.960	2 5/8	1 1/2	3 1/4	6.3
	27	CAI-H6DP27A	4.50	4.74	4 1/8	1 1/2	3/16	0.960	2 5/8	1 1/2	3 1/4	5.9
8DP	24	CAI-H8DP24	3.00	3.18	2 9/16	3/4	1	0.640	1 37/64	13/16	1 3/4	1.5
	24	CAI-H8DP24A	3.00	3.18	2 3/4	1	1 3/8	0.640	1 49/64	1	2 1/2	2.1
	24	CAI-H8DP24B	3.00	3.18	2 3/4	1 1/4	1 5/8	0.640	1 49/64	1	2 1/2	1.9
	28	CAI-H8DP28	3.50	3.68	3 1/4	1	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.9
	28	CAI-H8DP28A	3.50	3.68	3 1/4	13/16	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.8
	28	CAI-H8DP28B	3.50	3.68	3 1/4	1 1/4	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.6
	32	CAI-H8DP32	4.00	4.18	3 5/8	1	2	0.840	2 9/32	1 1/8	3	4.8
10DP	20	CAI-H10DP20A	2.00	2.14	2	1/2	7/8	0.440	1 23/64	13/16	1 5/8	0.75
	20	CAI-H10DP20B	2.00	2.14	2	5/8	7/8	0.440	1 23/64	13/16	1 5/8	0.72
	20	CAI-H10DP20	2.00	2.14	2	3/4	7/8	0.440	1 23/64	13/16	1 5/8	0.67
	20	CAI-H10DP20C	2.00	2.14	2	7/8	7/8	0.440	1 23/64	13/16	1 5/8	0.58
	25	CAI-H10DP25	2.50	2.64	2 7/16	3/4	1 1/4	0.550	1 5/8	15/16	2	1.2
	25	CAI-H10DP25A	2.50	2.64	2 7/16	7/8	1 1/4	0.550	1 5/8	15/16	2	1.2
	25	CAI-H10DP25B	2.50	2.64	2 7/16	1	1 1/4	0.550	1 5/8	15/16	2	1.2
	30	CAI-H10DP30	3.00	3.14	2 3/4	3/4	1 5/8	0.640	1 3/4	1	2	1.8
12DP	15	CAI-H12DP15	1.25	1.37	1 1/4	3/8	3/4	0.270	55/64	1/2	1	0.17
	15	CAI-H12DP15A	1.25	1.37	1 1/4	7/16	3/4	0.270	55/64	1/2	1	0.16
	15	CAI-H12DP15B	1.25	1.37	1 1/4	1/2	3/4	0.270	55/64	1/2	1	0.15
	18	CAI-H12DP18	1.50	1.62	1 1/2	1/2	7/8	0.320	1 1/64	5/8	1 1/4	0.30
	18	CAI-H12DP18A	1.50	1.62	1 1/2	5/8	7/8	0.320	1 1/64	5/8	1 1/4	0.25
	18	CAI-H12DP18B	1.50	1.62	1 1/2	3/4	7/8	0.320	1 1/64	5/8	1 1/4	0.22
	21	CAI-H12DP21	1.75	1.87	1 3/4	1/2	1	0.390	1 3/16	11/16	1 3/8	0.45
	21	CAI-H12DP21A	1.75	1.87	1 3/4	5/8	1	0.390	1 3/16	11/16	1 3/8	0.45
	24	CAI-H12DP24	2.00	2.12	1 7/8	1/2	1	0.430	1 7/32	11/16	1 1/2	0.62
	30	CAI-H12DP30	2.50	2.62	2 5/16	5/8	1 1/4	0.540	1 31/64	27/32	1 1/2	1.10
14DP	14	CAI-H14DP14	1.00	1.11	1 1/16	3/8	5/8	0.190	47/64	1/2	7/8	0.10
	14	CAI-H14DP14A	1.00	1.1	1 1/16	7/16	5/8	0.190	47/64	1/2	7/8	0.10
16DP	16	CAI-H16DP16	1.00	1.09	1 1/16	3/8	1/2	0.220	3/4	7/16	3/4	0.10
	24	CAI-H16DP24	1.50	1.59	1 3/8	1/2	7/8	0.310	7/8	1/2	1	0.20
24DP	24	CAI-H24DP24	1.00	1.06	29/32	1/4	1/2	0.200	9/16	9/32	5/8	0.10

Steel Miter Gears

Pressure angle 20°

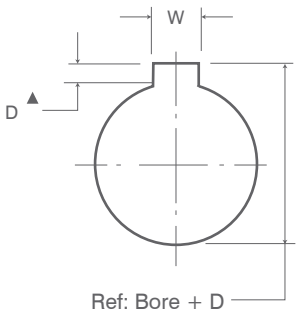
Finished Bore





Steel - Furnished With Keyway and Set Screw 1:1

Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt
						Stock	Max	F	L	P	H	Lbs
4DP	24	CAI-FB4DP24A	6.00	6.36	5 1/2	1 3/4	2 3/8	1.330	3 9/16	1 15/16	4	14.0
	28	CAI-FB4DP28	7.00	7.36	6	2	3	1.430	3 5/8	1 15/16	5	21.5
5DP	25	CAI-FB5DP25	5.00	5.29	4 5/8	1 3/8	2 1/4	1.100	3	1 3/4	3 1/2	8.8
	25	CAI-FB5DP25B	5.00	5.29	4 5/8	1 3/4	2 1/4	1.100	3	1 3/4	3 1/2	8.4
6DP	24	CAI-FB6DP24	4.00	4.24	3 5/8	1 1/4	2	0.860	2 5/16	1 5/16	3	4.4
	24	CAI-FB6DP24A	4.00	4.24	3 5/8	1 1/2	2	0.860	2 5/16	1 5/16	3	4.3
	27	CAI-FB6DP27	4.50	4.74	4 1/8	1 1/4	2 3/16	0.960	2 5/8	1 1/2	3 1/4	6.3
	27	CAI-FB6DP27A	4.50	4.74	4 1/8	1 1/2	2 3/16	0.960	2 5/8	1 1/2	3 1/4	5.9
8DP	24	CAI-FB8DP24	3.00	3.18	2 9/16	3/4	1	0.640	1 37/64	13/16	1 3/4	1.5
	24	CAI-FB8DP24A	3.00	3.18	2 3/4	1	1 3/8	0.640	1 49/64	1 1/16	2 1/2	2.1
	24	CAI-FB8DP24B	3.00	3.18	2 3/4	1 1/4	1 5/8	0.640	1 49/64	1 1/16	2 1/2	1.9
	28	CAI-FB8DP28	3.50	3.68	3 1/4	1	1 5/8	0.75	2 3/32	1 1/4	2 1/2	2.9
	28	CAI-FB8DP28A	3.50	3.68	3 1/4	13/16	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.8
	28	CAI-FB8DP28B	3.50	3.68	3 1/4	1 1/4	1 5/8	0.750	2 3/32	1 1/4	2 1/2	2.6
10DP	20	CAI-FB10DP20A	2.00	2.14	2	1/2	7/8	0.440	1 23/64	13/16	1 5/8	0.75
	20	CAI-FB10DP20B	2.00	2.14	2	5/8	7/8	0.440	1 23/64	13/16	1 5/8	0.72
	20	CAI-FB10DP20	2.00	2.14	2	3/4	7/8	0.440	1 23/64	13/16	1 5/8	0.67
	20	CAI-FB10DP20C	2.00	2.14	2	7/8	7/8	0.440	1 23/64	13/16	1 5/8	0.58
	25	CAI-FB10DP25	2.50	2.64	2 7/16	3/4	1 1/4	0.550	1 5/8	15/16	2	1.2
	25	CAI-FB10DP25A	2.50	2.64	2 7/16	7/8	1 1/4	0.550	1 5/8	15/16	2	1.2
	25	CAI-FB10DP25B	2.50	2.64	2 7/16	1	1 1/4	0.550	1 5/8	15/16	2	1.2
12DP	15	CAI-FB12DP15B	1.25	1.37	1 1/4	1/2	3/4	0.270	55/64	1/2	1	0.15
	18	CAI-FB12DP18A	1.50	1.62	1 1/2	5/8	7/8	0.320	1 1/64	5/8	1 1/4	0.25
	21	CAI-FB12DP21B	1.75	1.87	13/4	3/4	1	0.390	1 3/16	11/16	1 3/8	0.62
	30	CAI-FB12DP30	2.50	2.62	2 5/16	5/8	1 1/4	0.540	1 31/64	27/32	1 3/4	1.10
16DP	16	CAI-FB16DP16	1.00	1.09	1 1/16	3/8	1/2	0.220	3/4	7/16	3/4	0.10
	24	CAI-FB12DP24	1.50	1.59	1 3/8	1/2	7/8	0.310	7/8	1/2	1	0.20



ISO STANDARD METHOD FOR MEASURING KEYSEAT DEPTH

▲Depth measured at centerline.

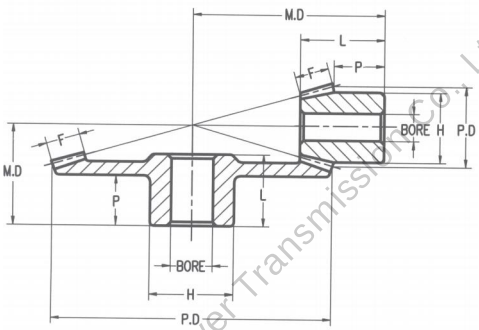
Reference:
1 inch = 25.4 millmeters
1 milimeter = .03937 inches.

Standard Keyseats

Bore Range	Keyseat
3/8"	3/32"X3/64"
1/2	1/8"X1/16"
5/8 to 7/8	3/16X3/32
15/16 to1 1/4	1/4X1/8
1 7/16 to1 3/4	3/8X3/16

Steel Bevel Gears

Pressure angle 20°





1:1.5 Specifications -- Unhardened Steel Bevel Gears

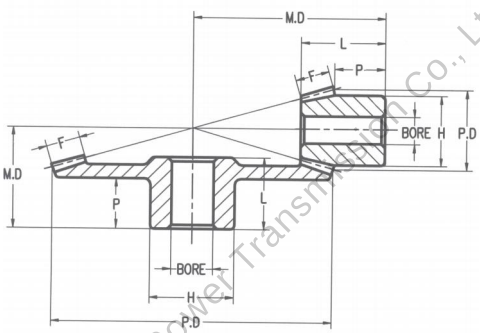
Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt
						Stock	Max	F	L	P	H	Lbs
10DP	30	CA15-10DP30	3.00	3.08	2 1/4	3/4	1 1/2	0.570	17/16	1	2 1/2	1.7
	20	CA15-10DP20	2.00	2.21	2 1/2	3/4	15/16	0.570	1 33/64	29/32	1 3/4	0.8
12DP	27	CA15-12DP27	2.25	2.32	1 3/4	1/2	13/16	0.410	1 1/8	25/32	1 1/2	0.6
	18	CA15-12DP18	1.50	1.67	1 7/8	1/2	9/16	0.410	1 1/8	21/32	1 1/4	0.2
16DP	24	CA15-16DP24	1.50	1.55	1 3/16	1/2	9/16	0.250	3/4	9/16	1 1/8	0.2
	16	CA15-16DP16	1.00	1.13	1 1/4	3/8	7/16	0.250	47/64	7/16	13/16	0.1

1:2 Specifications -- Unhardened Steel Bevel Gears

Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt
						Stock	Max	F	L	P	H	Lbs
3DP	30	CA2-3DP30	10.00	10.19	5 1/2	1 1/4	3	1.870	3 19/32	2	5	39.9
	15	CA2-3DP15	5.00	5.80	7 1/4	1 1/8	2	1.870	4 1/32	1 15/16	3 3/4	13.7
4DP	32	CA2-4DP32	8.00	8.10	4 1/4	1 1/8	2 1/4	1.400	2 11/16	1 9/16	3 3/4	17.6
	16	CA2-4DP16	4.00	4.60	6	1 1/8	1 7/8	1.400	3 11/32	1 13/16	3 1/4	7.5
5DP	30	CA2-5DP30	6.00	6.12	3 1/2	1 1/8	2 1/4	1.040	2 1/4	1 3/8	3 1/4	8.9
	15	CA2-5DP15	3.00	3.48	4 3/8	1	1 3/8	1.040	2 25/64	1 9/32	2 5/8	3.1
6DP	36	CA2-6DP36	6.00	6.10	3 1/2	1 1/8	2 1/4	1.060	2 1/4	1 1/2	3 1/4	8.4
	18	CA2-6DP18	3.00	3.42	4 3/4	1	1 7/16	1.060	2 49/64	1 5/8	2 1/2	3.4
	42	CA2-6DP42	7.00	7.10	3 3/4	1 1/8	2 1/4	1.050	2 19/64	1 1/2	3 1/2	11.4
	21	CA2-6DP21	3.50	3.90	5	1	15/8	1.050	2 33/64	1 1/4	2 1/2	3.8
	48	CA2-6DP48	8.00	8.10	3 7/16	1 1/8	2 1/4	1.170	1 57/64	1	3 1/4	11.8
	24	CA2-6DP24	4.00	4.40	5 7/16	1	1 3/4	1.170	2 35/64	1 1/4	2 5/8	4.9
8DP	40	CA2-8DP40	5.00	5.07	2 7/8	1	2	0.820	1 27/32	1 1/4	3	5.0
	20	CA2-8DP20	2.50	2.80	4	7/8	1 1/4	0.820	2 9/32	1 13/32	2 1/8	3.0
10DP	40	CA2-10DP40	4.00	4.06	2 1/2	7/8	2	0.710	1 11/16	1 3/16	3	3.7
	20	CA2-10DP20	2.00	2.24	3 1/8	3/4	15/16	0.710	1 51/64	1 1/16	1 3/4	0.9
	50	CA2-10DP50	5.00	5.06	2 5/8	3/4	1 1/4	0.700	1 19/32	1	2	3.6
	25	CA2-10DP25	2.50	2.74	3 3/8	3/4	1 1/4	0.700	1 35/64	3/4	2	1.2
12DP	36	CA2-12DP36	3.00	3.05	1 1/2	5/8	15/16	0.460	7/8	1/2	1 7/16	1.4
	18	CA2-12DP18	1.50	1.70	2 1/4	1/2	5/8	0.460	1 13/64	11/16	1 1/4	0.4
	48	CA2-12DP48	4.00	4.05	2	5/8	7/8	0.590	1 11/64	3/4	1 5/8	1.5
	24	CA2-12DP24	2.00	2.20	2 7/8	1/2	13/16	0.590	1 7/16	3/4	1 1/2	0.8
14DP	28	CA2-14DP28	2.00	2.04	1 3/8	1/2	7/8	0.350	15/16	21/32	1 5/8	0.5
	14	CA2-14DP14	1.00	1.17	1 5/8	1/2	1/2	0.350	31/32	9/16	13/16	0.1
16DP	24	CA2-16DP24	1.50	1.54	1	1/2	5/8	0.190	5/8	7/16	1	0.2
	12	CA2-16DP12	0.75	0.91	1 1/8	3/8	1/2	0.190	37/64	11/32	21/32	0.1
	32	CA2-16DP32	2.00	2.04	1 3/16	1/2	3/8	0.350	49/64	1/2	1 1/8	0.2
	16	CA2-16DP16	1.00	1.15	1 1/2	3/8	7/16	0.350	27/32	7/16	13/16	0.1

Steel Bevel Gears

Pressure angle 20°





1:3 Specifications -- Unhardened Steel Bevel Gears

Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt
						Stock	Max	F	L	P	H	Lbs
4DP	42	CA3-4DP42	10.50	10.59	4	1 1/8	2 1/4	1.420	2 11/16	1 1/2	3 3/4	26.4
	14	CA3-4DP14	3.50	4.17	7 1/4	1 1/8	1 13/16	1.420	3 27/64	1 15/16	3 1/4	7.0
5DP	45	CA3-5DP45	9.00	9.07	3 3/4	1 1/4	2 1/4	1.310	2 1/2	1 11/16	3 3/4	17.1
	15	CA3-5DP15	3.00	3.54	5 7/8	1	1 1/2	1.310	2 11/16	1 5/16	2 5/8	3.6
6DP	45	CA3-6DP45	7.50	7.56	3	1 1/8	2 1/4	1.070	2 1/8	1 1/4	3 1/4	10.6
	15	CA3-6DP15	2.50	2.94	5 1/4	7/8	1 1/4	1.070	2 9/16	1 7/16	2 1/8	2.3
8DP	48	CA3-8DP48	6.00	6.05	2 3/8	7/8	1 13/16	0.840	1 5/8	1	2 3/4	5.3
	16	CA3-8DP16	2.00	2.33	4 1/4	3/4	1	0.840	2 5/64	1 3/16	1 3/4	1.2
10DP	60	CA3-10DP60	6.00	6.04	2 3/4	7/8	2	0.780	1 29/32	1 3/8	3	6.3
	20	CA3-10DP20	2.00	2.27	4 3/8	3/4	1	0.780	2 5/32	1 5/16	1 3/4	1.2
12DP	54	CA3-12DP54	4.50	4.53	1 3/4	5/8	1	0.600	1 1/16	3/4	1 3/4	1.7
	18	CA3-12DP18	1.50	1.72	3	1/2	9/16	0.600	1 11/32	11/16	1 1/4	0.4
16DP	48	CA3-16DP48	3.00	3.02	1 5/16	5/8	13/16	0.420	7/8	9/16	1 1/2	0.8
	16	CA3-16DP16	1.00	1.17	2	7/16	7/16	0.420	59/64	15/32	7/8	0.1

1:4 Specifications -- Unhardened Steel Bevel Gears

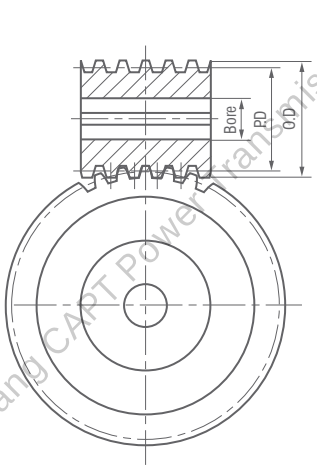
Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt
						Stock	Max	F	L	P	H	Lbs
4DP	56	CA4-4DP56	14.00	14.07	4 1/4	1 1/4	2 5/8	1.690	2 7/8	1 5/8	4 1/4	48.7
	14	CA4-4DP14	3.50	4.20	9	1 1/8	1 7/8	1.690	3 35/64	1 15/16	3 1/4	7.6
5DP	60	CA4-5DP60	12.00	12.05	3 3/4	1 1/4	2 3/8	1.700	2 5/8	1 9/16	4	31.2
	15	CA4-5DP15	3.00	3.56	7 1/2	1	1 9/16	1.700	3 13/64	1 7/16	2 1/2	5.0
6DP	60	CA4-6DP60	10.00	10.04	3 1/4	1 1/8	2 1/4	1.210	2 1/4	1 3/8	3 1/4	17.6
	15	CA4-6DP15	2.50	2.97	6 3/4	1	1 3/8	1.210	2 31/32	1 23/32	2 1/4	3.3
8DP	64	CA4-8DP64	8.00	8.03	2 3/4	1	1 13/16	0.840	1 7/8	1 1/4	2 3/4	9.7
	16	CA4-8DP16	2.00	2.35	5 1/4	7/8	1 1/8	0.840	2 3/32	1 7/32	1 7/8	1.3
	72	CA4-8DP72	9.00	9.03	3 1/4	1 1/8	2	1.220	2 5/16	1 11/16	3	12.3
	18	CA4-8DP18	2.25	2.60	5 3/4	7/8	1 1/4	1.220	2 15/32	1 7/32	2 1/8	1.9
10DP	60	CA4-10DP60	6.00	6.03	2 1/4	7/8	1 5/8	0.720	1 5/8	1 1/8	2 1/2	4.6
	15	CA4-10DP15	1.50	1.78	3 7/8	5/8	3/4	0.720	1 33/64	27/32	1 7/16	0.6
12DP	72	CA4-12DP72	6.00	6.02	2	3/4	1 1/4	0.600	1 5/16	61/64	2	3.1
	18	CA4-12DP18	1.50	1.73	3 3/4	1/2	9/16	0.600	1 39/64	23/32	1 1/4	0.4
16DP	64	CA4-16DP64	4.00	4.02	1 3/8	5/8	1 3/8	0.480	57/64	9/16	2 1/4	1.6
	16	CA4-16DP16	1.00	1.17	2 1/2	1/2	5/8	0.480	63/64	15/32	13/16	0.1

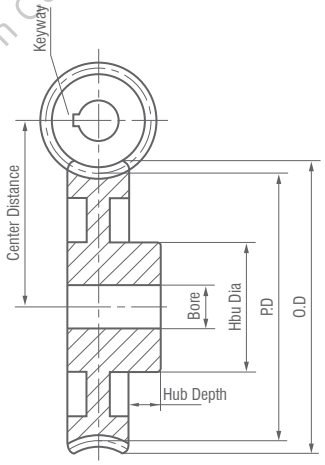
Shijiazhuang CAPT Power Transmission Co., Ltd.

Worm and Worm Gears

3DP

14 1/2° Pressure Angle







CSP

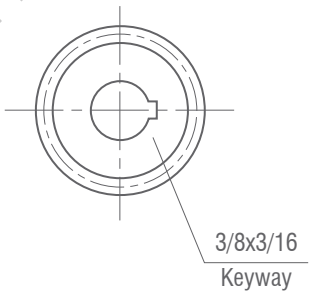
Right Hand Single Thread -- Stocked Right Hand Only

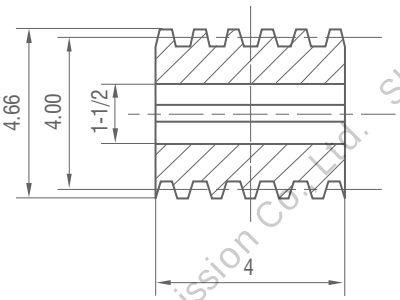
3DP 2" Face — Cast Iron and Bronze

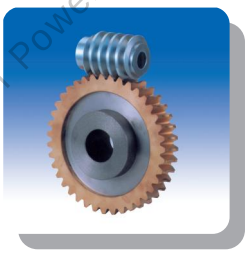
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG318	18	6.00	1	3	1 1/2	16.2	CWE.CSP
WG324	24	8.00	1 1/2	3 1/2	1 1/2	22.8	CSP
WG330	30	10.00	1 1/2	3 1/2	1 1/2	30.2	CSP
WG336	36	12.00	1 1/2	3 1/2	1 1/2	36.4	CSP
WG354	54	18.00	1 1/2	4	1 1/2	60.2	CSP

1 Single Steel -- 4° 46' Helix Angle Worms

W3-S







CWE

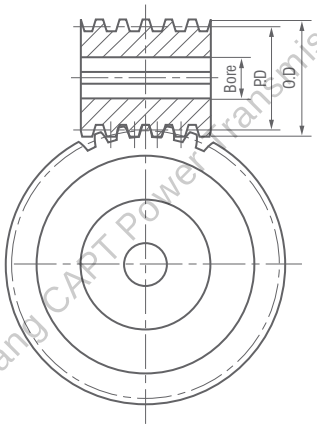


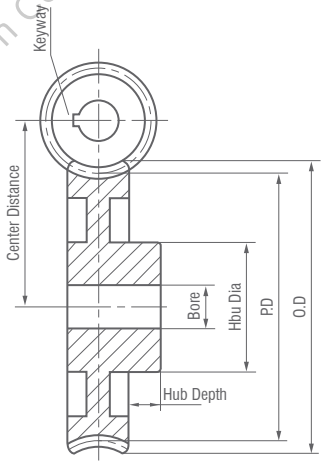
CPL

Worm and Worm Gears

4DP

14 1/2° Pressure Angle







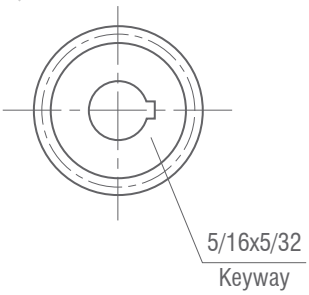
Right Hand Single Thread -- Stocked Right Hand Only

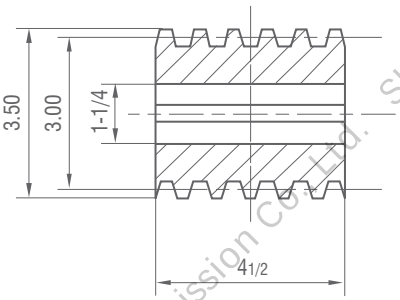
4DP 1 1/2" Face — Cast Iron and Bronze

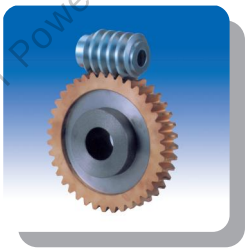
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG420	20	5.00	1	2 1/2	1 1/4	8.4	CWE,CSP
WG424	24	6.00	1	2 1/2	1 1/4	12.9	CWE,CSP
WG432	32	8.00	1 1/4	3	1 1/4	15.6	CWE,CSP
WG440	40	10.00	1 1/4	3	1 1/4	27.5	CWE,CSP
WG448	48	12.00	1 1/2	4	1 1/4	34.1	CWE,CSP
WG464	64	16.00	1 1/2	4	1 1/4	43.9	CSP

1 Single Steel -- 4° 46' Helix Angle Worms

W4-S







CWE

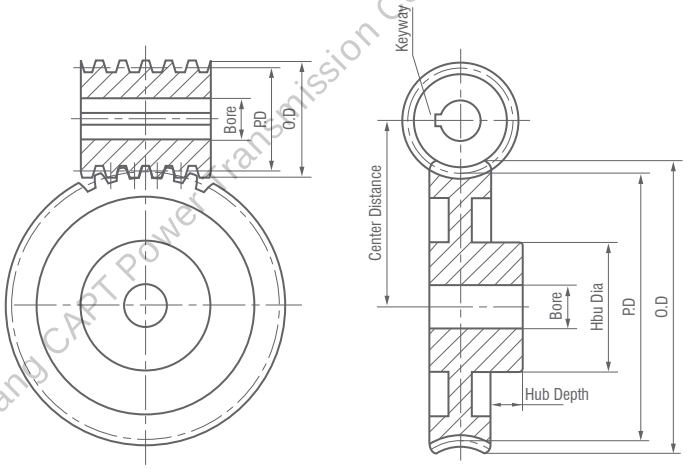


CPL

Worm and Worm Gears

6DP

14 1/2° Pressure Angle





CSP

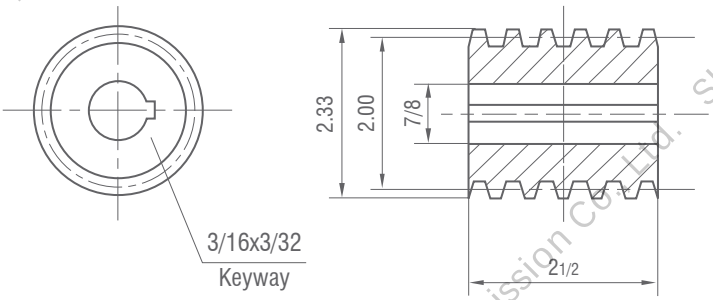
Right Hand Single Thread -- Stocked Right Hand Only

6DP 1" Face — Cast Iron and Bronze

PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG620	20	3.333	3/4	1 7/8	7/8	2.5	CWE,CSP
WG624	24	4.000	3/4	1 7/8	7/8	3.6	CWE,CSP
WG630	30	5.000	7/8	2 1/4	7/8	5.0	CWE,CSP
WG636	36	6.000	1	2 1/2	7/8	6.0	CWE,CSP
WG640	40	6.667	1	2 1/2	7/8	7.6	CWE,CSP
WG648	48	8.000	1 1/4	2 3/4	1	9.2	CWE,CSP
WG660	60	10.000	1 1/4	3	1 1/4	13.7	CWE,CSP
WG672	72	12.000	1 1/4	3	1 1/4	14.9	CWE,CSP

1 Single Steel -- 4° 46' Helix Angle Worms

W6-S





CWE

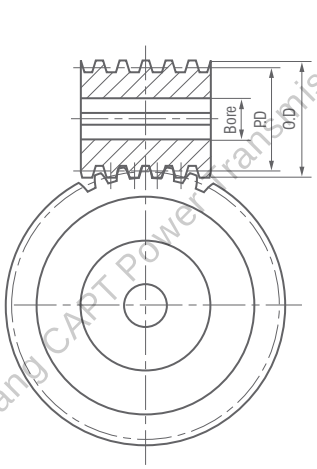


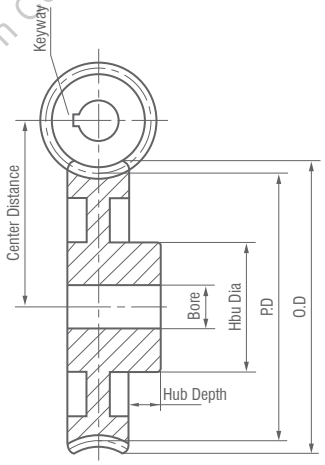
CPL

Worm and Worm Gears

6DP

14 1/2° Pressure Angle







CSP

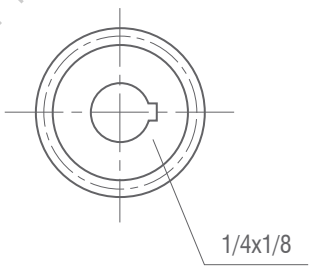
Right Hand Double Thread -- Stocked Right Hand Only

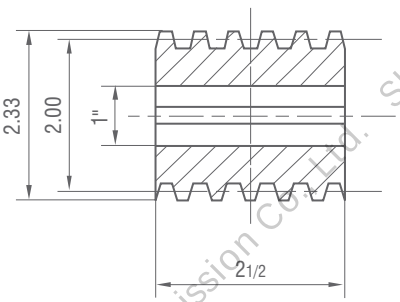
6DP 1" Face — Cast Iron and Bronze

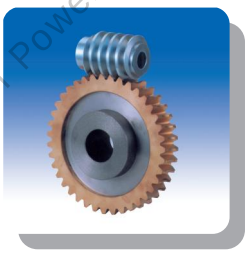
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG620D	20	3.333	1	2 3/4	1	3.3	CPL
WG624D	24	4.000	1 1/4	2 3/4	1	4.1	CPL
WG630D	30	5.000	1 1/4	2 3/4	1	5.2	CWE,CSP
WG640D	40	6.667	1 1/4	2 3/4	1	7.6	CWE,CSP

2 Double Steel -- 9° 28' Helix Angle Worms

W6-D







CWE

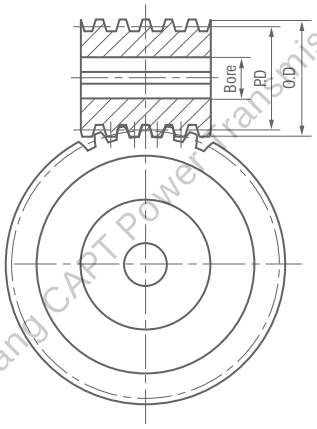


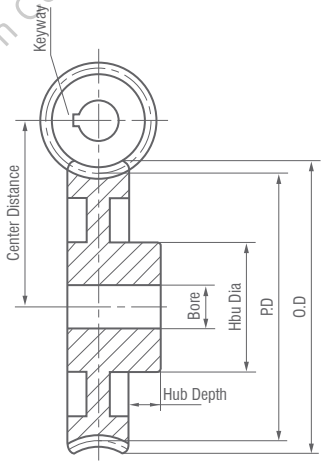
CPL

Worm and Worm Gears

6DP

14 1/2° Pressure Angle







CSP

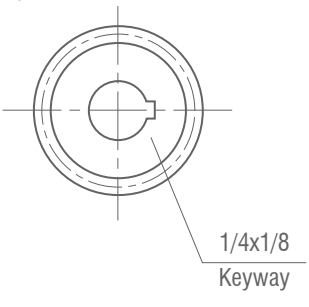
Right Hand Quadruple Thread -- Stocked Right Hand Only

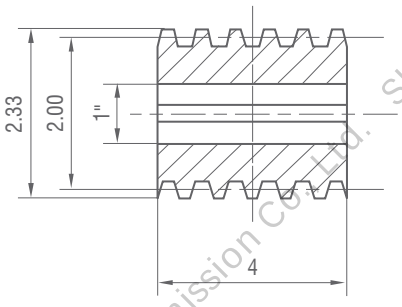
6DP 1" Face — **Cast Iron and Bronze**

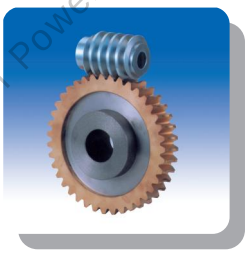
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG620Q	20	3.333	1	2 3/4	1	3.4	CPL
WG624Q	24	4.000	1 1/4	2 3/4	1	4.1	CPL

4 Quadruple Steel -- 18° 26' Helix Angle Worms

W6-Q







CWE

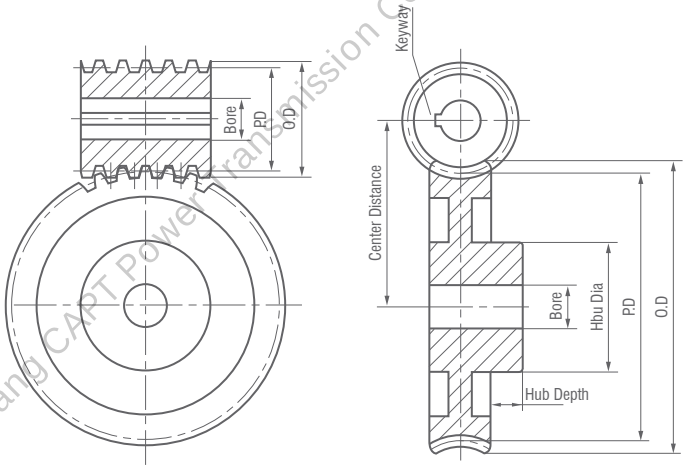


CPL

Worm and Worm Gears

8DP

14 1/2° Pressure Angle





CSP

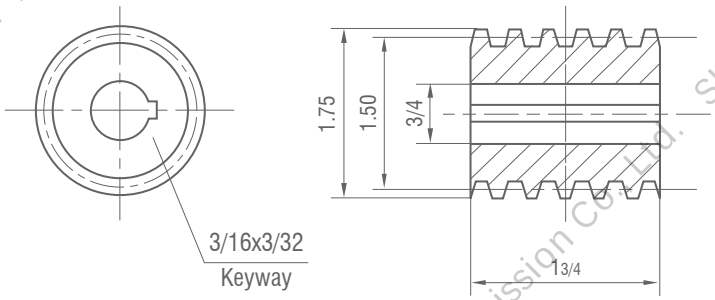
Right Hand Single Thread -- Stocked Right Hand Only

8DP 3/4" Face — Cast Iron and Bronze

PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG820	20	2.500	3/4	1 3/4	3/4	1.3	CPL
WG830	30	3.750	3/4	1 3/4	3/4	2.4	CPL
WG840	40	5.000	1	2 3/8	7/8	3.7	CWE.CSP
WG848	48	6.000	1	2 3/8	7/8	4.5	CWE.CSP
WG850	50	6.250	1	2 3/8	7/8	5.1	CWE.CSP
WG860	60	7.500	1	2 1/2	7/8	6.1	CWE.CSP
WG880	80	10.000	1 1/4	3	7/8	8.9	CWE.CSP

1 Single Steel -- 4° 46' Helix Angle Worms

W8-S





CWE

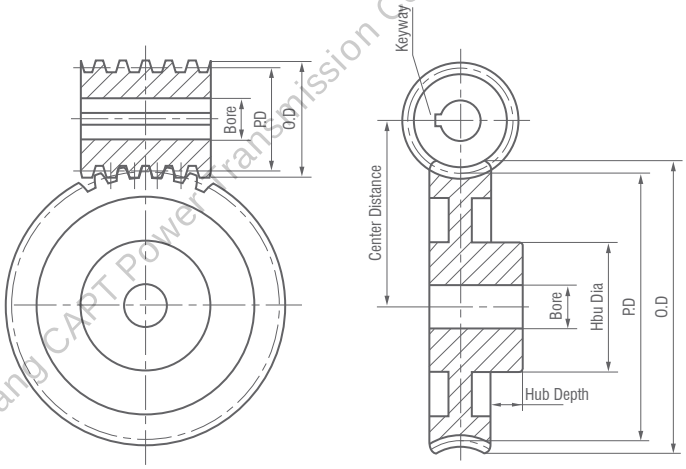


CPL

Worm and Worm Gears

8DP

14 1/2° Pressure Angle





CSP

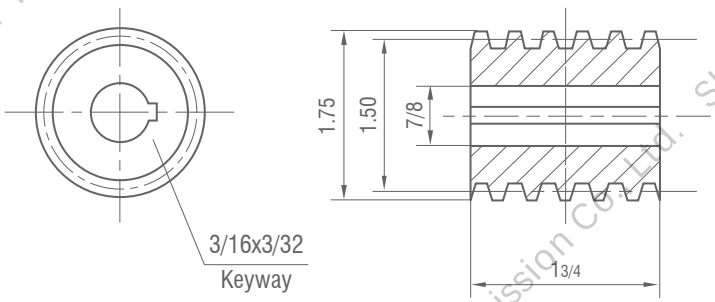
Right Hand Double Thread -- Stocked Right Hand Only

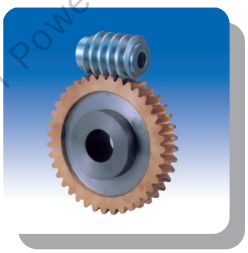
8DP 3/4" Face — **Cast Iron and Bronze**

PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG820D	20	2.500	1	2	3/4	1.2	CPL
WG830D	30	3.750	1	2 1/4	3/4	2.5	CPL,CSP
WG840D	40	5.000	1	2 1/4	3/4	3.4	CWE,CSP

2 Double Steel -- 9° 28' Helix Angle Worms

W8-D





CWE

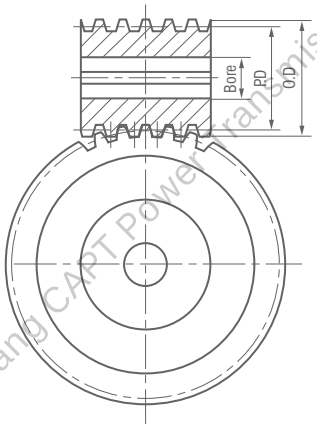


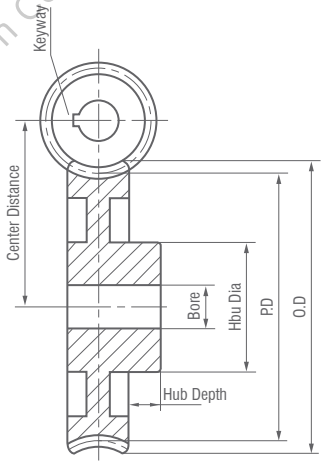
CPL

Worm and Worm Gears

8DP

14 1/2° Pressure Angle







CSP

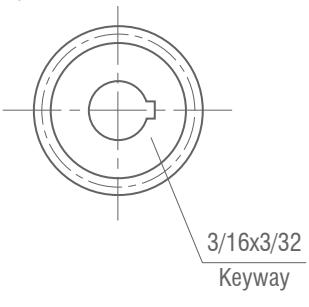
Right Hand Quadruple Thread -- Stocked Right Hand Only

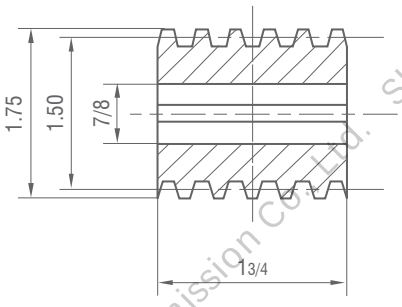
8DP 3/4" Face — **Cast Iron and Bronze**

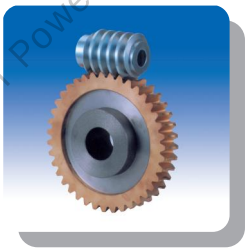
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG820Q	20	2.500	1	2	3/4	1.2	CPL
WG830Q	30	3.750	1	2 1/4	3/4	2.5	CPL,CSP

4 Quadruple Steel -- 18 26' Helix Angle Worms

W8-Q







CWE

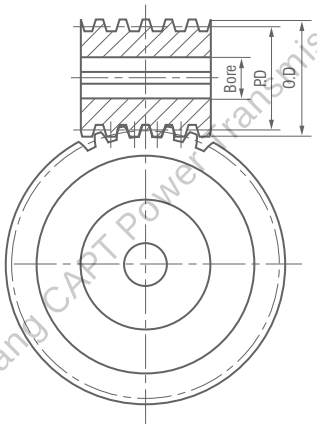


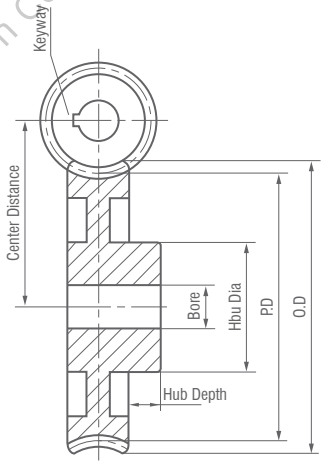
CPL

Worm and Worm Gears

10DP

14 1/2° Pressure Angle







CSP

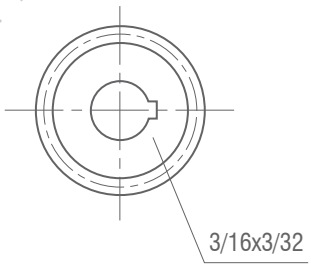
Right Hand Single Thread -- Stocked Right Hand Only

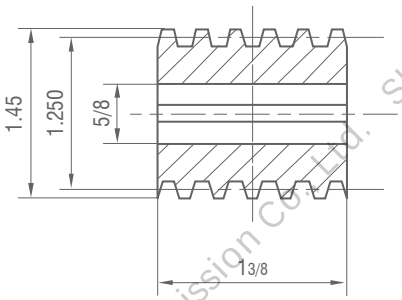
10DP 5/8" Face — Cast Iron and Bronze

PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1020	20	2.00	1/2	1 1/4	3/4	0.7	CPL
WG1030	30	3.00	5/8	1 3/4	3/4	1.5	CPL
WG1040	40	4.00	5/8	1 3/4	3/4	1.8	CWE,CSP
WG1050	50	5.00	3/4	2	3/4	2.8	CWE,CSP
WG1060	60	6.00	3/4	2	3/4	3.6	CWE,CSP
WG1080	80	8.00	3/4	2	3/4	4.8	CWE,CSP
WG1080	100	10.00	3/4	2	3/4	6.0	CWE,CSP

1 Single Steel -- 4° 34' Helix Angle Worms

W10-S







CWE

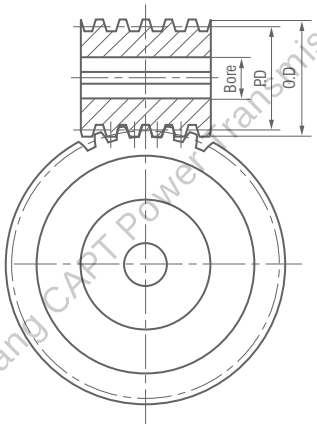


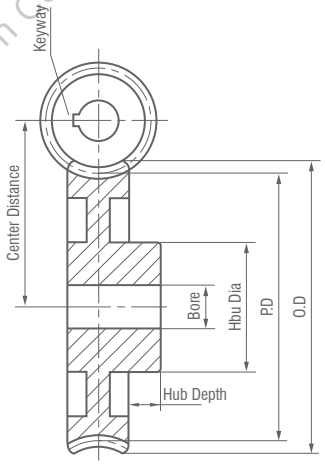
CPL

Worm and Worm Gears

10DP

14 1/2° Pressure Angle







CSP

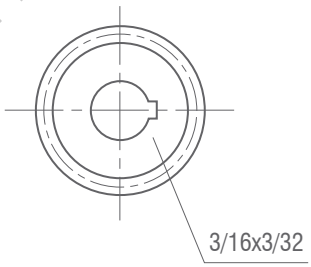
Right Hand Double Thread -- Stocked Right Hand Only

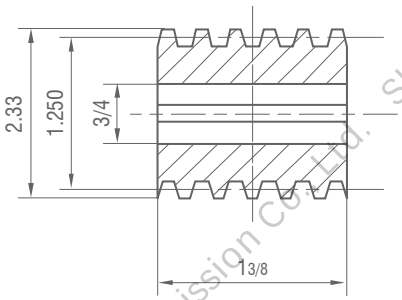
10DP 5/8" Face — Cast Iron and Bronze

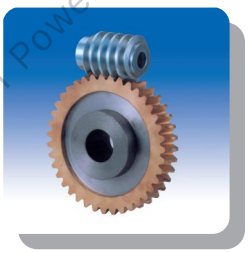
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1020D	20	2.00	7/8	1 5/8	5/8	0.65	CPL
WG1030D	30	3.00	7/8	1 3/4	5/8	1.3	CPL,CSP
WG1040D	40	4.00	7/8	1 3/4	5/8	1.6	CWE,CSP
WG1050D	50	5.00	7/8	2	1	2.9	CWE,CSP
WG1060D	60	6.00	7/8	2	1	3.0	CWE,CSP

2 Double Steel -- 9°5' Helix Angle Worms

W10-D







CWE

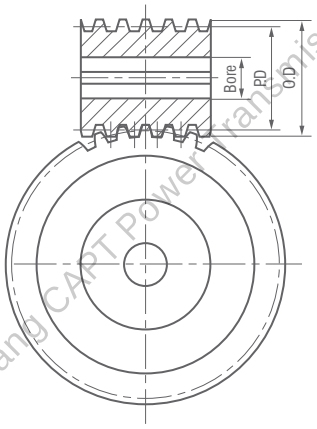


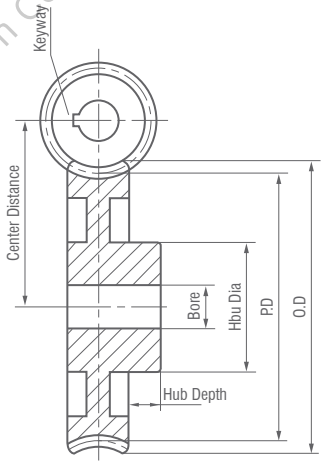
CPL

Worm and Worm Gears

10DP

14 1/2° Pressure Angle







CSP

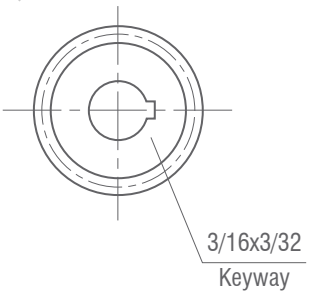
Right Hand Quadruple Thread -- Stocked Right Hand Only

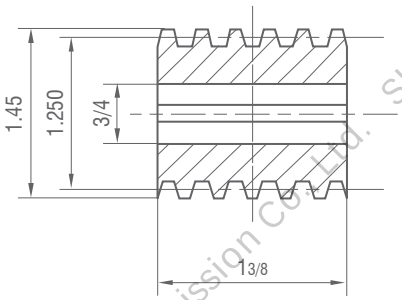
10DP 5/8" Face — **Cast Iron and Bronze**

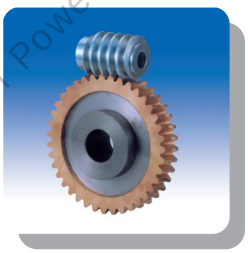
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1020Q	20	2.00	7/8	1 5/8	5/8	0.64	CPL
WG1030Q	30	3.00	7/8	1 3/4	5/8	1.3	CPL,CSP
WG1040	40	4.00	7/8	1 3/4	5/8	1.6	CWE,CSP

4 Single Steel -- 17° 45' Helix Angle Worms

W10-Q







CWE

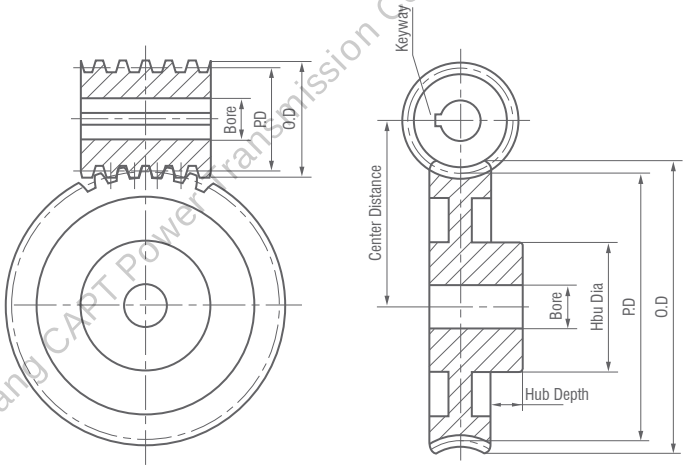


CPL

Worm and Worm Gears

12DP

14 1/2° Pressure Angle





CSP

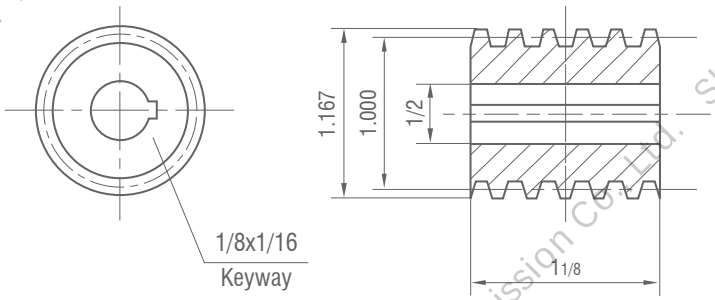
Right Hand Single Thread -- Stocked Right Hand Only

12DP 1/2" Face — Cast Iron and Bronze

PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1220	20	1.660	1/2	1 1/4	5/8	0.35	CPL
WG1230	30	2.500	1/2	1 1/4	5/8	0.71	CPL,CSP
WG1240	40	3.333	5/8	1 1/2	3/4	1.2	CPL,CSP
WG1250	50	4.166	5/8	1 1/2	3/4	1.5	CWE,CSP
WG1260	60	5.000	5/8	1 3/4	3/4	2.0	CWE,CSP
WG1280	80	6.666	5/8	2 1/2	3/4	3.9	CWE,CSP
WG12100	100	8.333	3/4	2	3/4	4.4	CWE,CSP

1 Double Steel -- 4° 46' Helix Angle Worms

W12-S





CWE

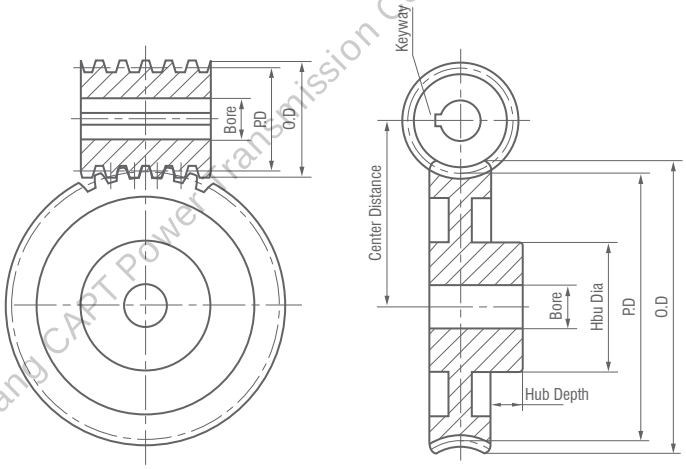


CPL

Worm and Worm Gears

12DP

14 1/2° Pressure Angle





CSP

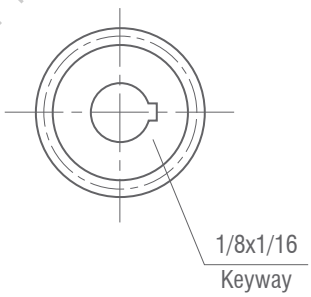
Right Hand Double Thread -- Stocked Right Hand Only

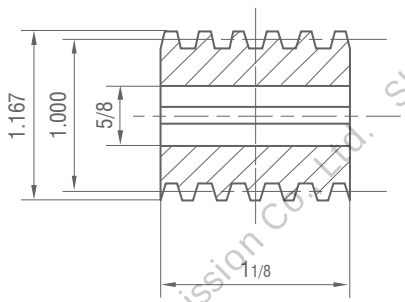
12DP 1/2" Face — Cast Iron and Bronze

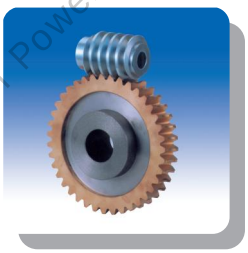
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1220D	20	1.666	1/2	1 1/4	1/2	0.32	CPL
WG1230D	30	2.500	3/4	1 1/2	5/8	0.78	CPL
WG1240D	40	3.333	3/4	1 3/4	5/8	1.3	CPL,CSP

2 Double Steel -- 9° 28' Helix Angle Worms

W12-D







CWE

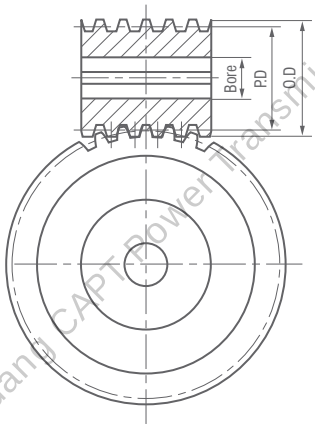


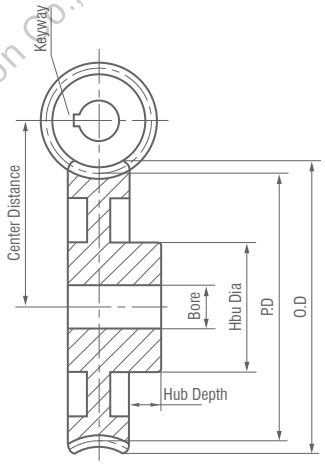
CPL

Worm and Worm Gears

12DP

14 1/2° Pressure Angle







CSP

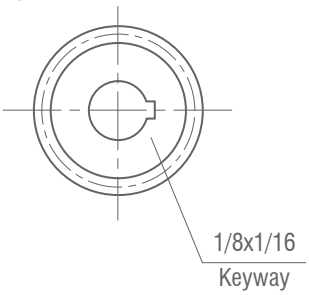
Right Hand Quadruple Thread -- Stocked Right Hand Only

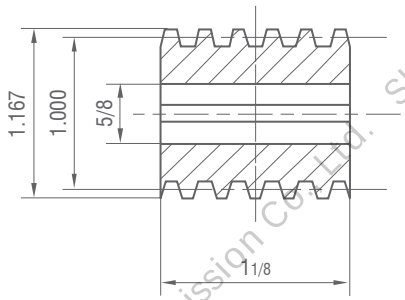
12DP 1/2" Face **Cast Iron and Bronze**

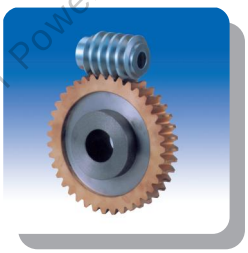
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1220Q	20	1.666	1/2	1 1/4	1/2	0.32	CPL
WG1230Q	30	2.500	3/4	1 1/2	5/8	0.38	CPL
WG1240	40	3.333	3/4	1 3/4	5/8	0.80	CPL,CSP

4 Quadruple Steel -- 18 26' Helix Angle Woms

W12-Q







CWE

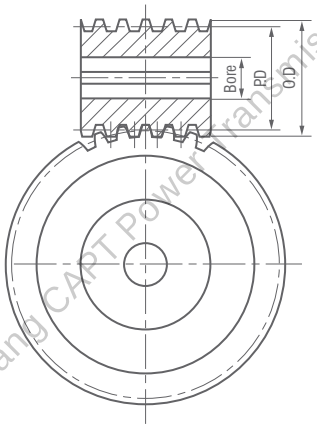


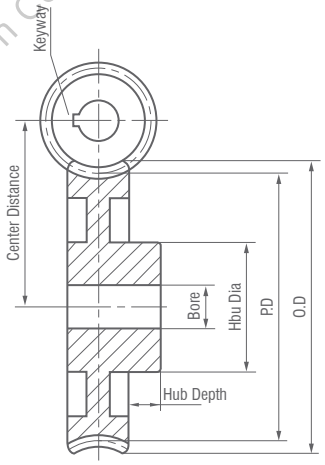
CPL

Worm and Worm Gears

16DP

14 1/2° Pressure Angle







CSP

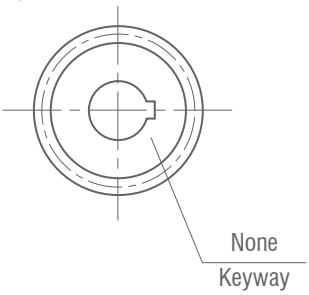
Right Hand Single Thread -- Stocked Right Hand Only

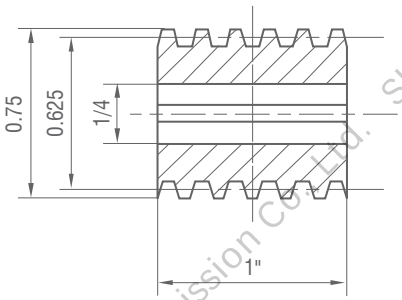
16DP 5/16" Face — Cast Iron and Bronze

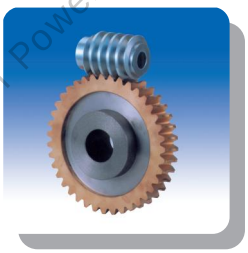
PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1620	20	1.250	1/4	5/8	5/16	0.13	CPL
WG1630	30	1.875	5/16	3/4	3/8	0.28	CPL,CSP
WG1640	40	2.500	5/16	3/4	3/8	0.42	CPL,CSP
WG1650	50	3.125	3/8	7/8	7/16	0.50	CPL,CSP

1 Single Steel -- 5° 43' Helix Angle Worms

W16-S







CWE

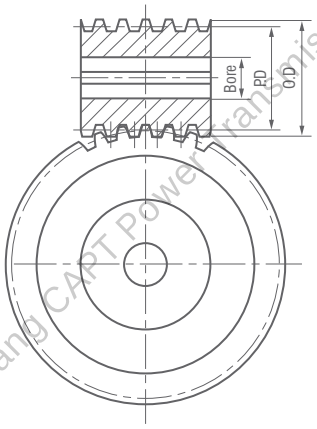


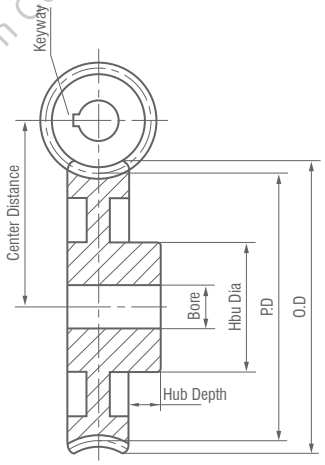
CPL

Worm and Worm Gears

16DP

14 1/2° Pressure Angle







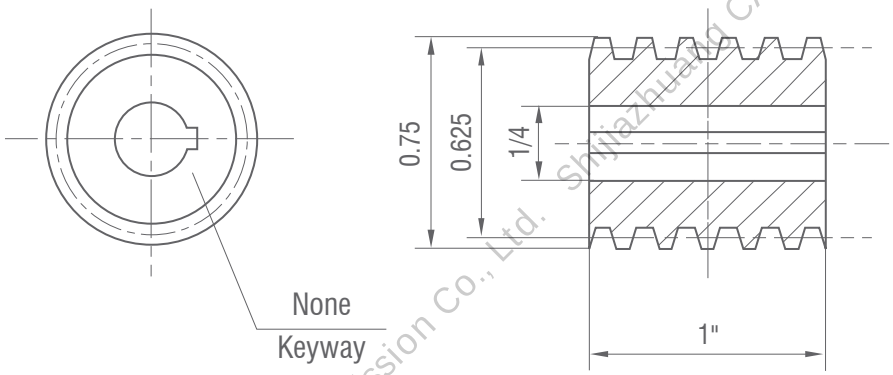
CPL

Right Hand Double Thread -- Stocked Right Hand Only

16DP 5/16" Face — Bronze

PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1620D	20	1.250	1/4	5/8	5/16	0.14	CPL

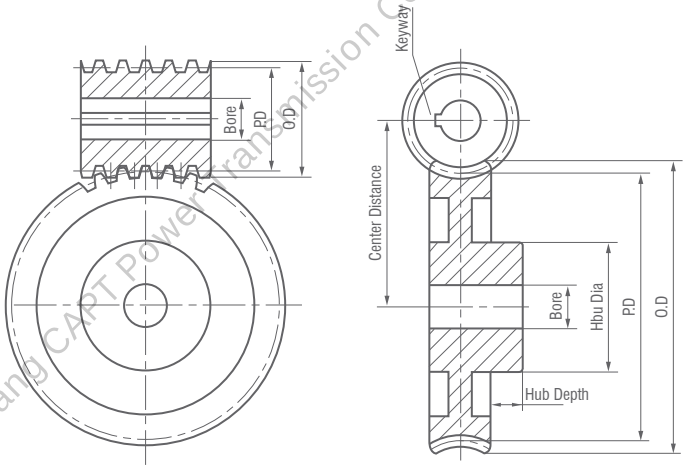
2 Double Steel -- 11° 19' Helix Angle Worm — W16-D



Worm and Worm Gears

16DP

14 1/2° Pressure Angle





CPL

Right Hand Quadruple Thread -- Stocked Right Hand Only

16DP 5/16" Face — Bronze

PART NUMBER	Z	PD	Bore	Hub Dia	Hub Depth	wt Lbs	Style
WG1620	20	1.25	1/4	5/8	5/16	0.14	CPL

4 Double Steel -- 21 48' Helix Angle Worms — W16-Q

