



Finished Bore Steel Miter Gears

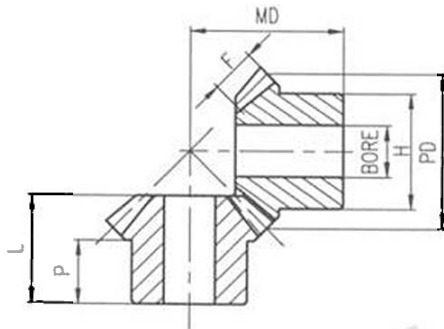
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Steel Miter Gears

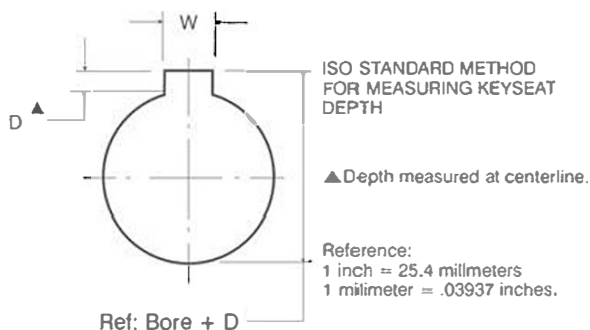
Pressure angle **20°**



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	
4DP	24	CAI-FB4DP24A	6.00	6.36	5 1/2	13/4	23/8	1.330	39/16	1 15/16	4	14.0
	28	CAI-FB4DP28	7.00	7.36	6	2	3	1.430	35/8	1 15/16	5	21.5
5DP	25	CAI-FB5DP25	5.00	5.29	45/8	13/8	2 1/4	1.100	3	13/4	3 1/2	8.8
	25	CAI-FB5DP25B	5.00	5.29	45/8	13/4	2 1/4	1.100	3	13/4	3 1/2	8.4
6DP	24	CAI-FB6DP24	4.00	4.24	35/8	1 1/4	2	0.860	25/16	15/16	3	4.4
	24	CAI-FB6DP24A	4.00	4.24	35/8	1 1/2	2	0.860	25/16	15/16	3	4.3
	27	CAI-FB6DP27	4.50	4.74	4 1/8	1 1/4	2 3/16	0.960	25/8	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	25/8	1 1/2	3 1/4	5.9
8DP	24	CAI-FB8DP24	3.00	3.18	29/16	3/4	1	0.640	137/64	13/16	13/4	1.5
	24	CAI-FB8DP24A	3.00	3.18	23/4	1	13/8	0.640	149/64	1 1/16	2 1/2	2.1
	24	CAI-FB8DP24B	3.00	3.18	23/4	1 1/4	15/8	0.640	149/64	1 1/16	2 1/2	1.9
	28	CAI-FB8DP28	3.50	3.68	3 1/4	1	15/8	0.75	23/32	1 1/4	2 1/2	2.9
	28	CAI-FB8DP28A	3.50	3.68	3 1/4	13/16	15/8	0.750	23/32	1 1/4	2 1/2	2.8
	28	CAI-FB8DP28B	3.50	3.68	3 1/4	1 1/4	15/8	0.750	23/32	1 1/4	2 1/2	2.6
10DP	20	CAI-FB10DP20A	2.00	2.14	2	1/2	7/8	0.440	123/64	13/16	15/8	0.75
	20	CAI-FB10DP20B	2.00	2.14	2	5/8	7/8	0.440	123/64	13/16	15/8	0.72
	20	CAI-FB10DP20	2.00	2.14	2	3/4	7/8	0.440	123/64	13/16	15/8	0.67
	20	CAI-FB10DP20C	2.00	2.14	2	7/8	7/8	0.440	123/64	13/16	15/8	0.58
	25	CAI-FB10DP25	2.50	2.64	27/16	3/4	1 1/4	0.550	15/8	15/16	2	1.2
	25	CAI-FB10DP25A	2.50	2.64	27/16	7/8	1 1/4	0.550	15/8	15/16	2	1.2
	25	CAI-FB10DP25B	2.50	2.64	27/16	1	1 1/4	0.550	15/8	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	13/16	11/16	13/8	0.62
	30	CAI-FB12DP30	2.50	2.62	25/16	5/8	1 1/4	0.540	131/64	27/32	13/4	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	13/8	1/2	7/8	0.310	7/8	1/2	1	0.20

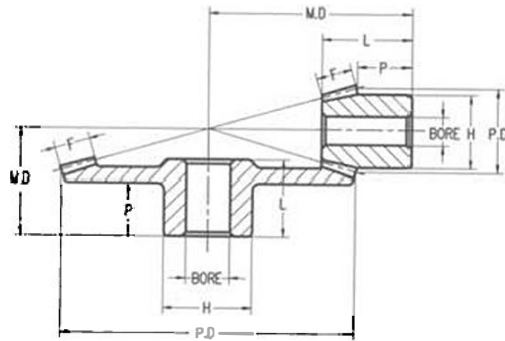


Standard Keyseats

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 to 1 1/4	1/4X1/8
17/16 to 1 3/4	3/8X3/16

Steel Bevel Gears

Pressure angle **20°**



1:1.5 Specifications -- Unhardened Steel Bevel Gears

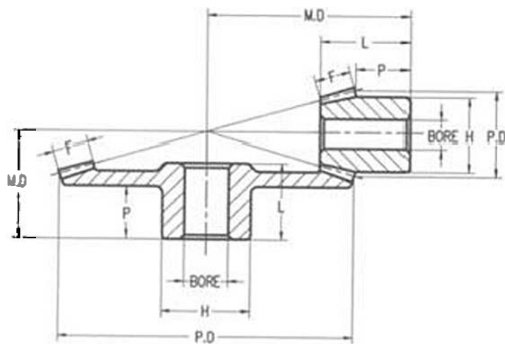
Pitch	Z	Part.No	PD	OD	MD	Bore		Dimensions				wt Lbs
						Stock	Max	F	L	P	H	
10DP	30	CA15-10DP30	3.00	3.08	2 1/4	3/4	1 1/2	0.570	17/16	1	2 1/2	1.7
	20	CA15-10DP20	2.00	2.21	2 1/2	3/4	15/16	0.570	133/64	29/32	13/4	0.8
12DP	27	CA15-12DP27	2.25	2.32	13/4	1/2	13/16	0.410	1 1/8	25/32	1 1/2	0.6
	18	CA15-12DP18	1.50	1.67	17/8	1/2	9/16	0.410	1 1/8	21/32	1 1/4	0.2
16DP	24	CA15-16DP24	1.50	1.55	13/16	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 Lbs
						Stock	Max	F	L	P	H	
3DP	30	CA2-3DP30	10.00	10.19	5 1/2	1 1/4	3	1.870	319/32	2	5	39.9
	15	CA2-3DP15	5.00	5.80	7 1/4	1 1/8	2	1.870	41/32	115/16	33/4	13.7
4DP	32	CA2-4DP32	8.00	8.10	4 1/4	1 1/8	2 1/4	1.400	211/16	19/16	33/4	17.6
	16	CA2-4DP16	4.00	4.60	6	1 1/8	17/8	1.400	311/32	113/16	31/4	7.5
5DP	30	CA2-5DP30	6.00	6.12	3 1/2	1 1/8	2 1/4	1.040	21/4	13/8	31/4	8.9
	15	CA2-5DP15	3.00	3.48	43/8	1	13/8	1.040	225/64	19/32	25/8	3.1
6DP	36	CA2-6DP36	6.00	6.10	3 1/2	1 1/8	2 1/4	1.060	21/4	1 1/2	31/4	8.4
	18	CA2-6DP18	3.00	3.42	43/4	1	17/16	1.060	249/64	15/8	2 1/2	3.4
	42	CA2-6DP42	7.00	7.10	33/4	1 1/8	2 1/4	1.050	219/64	1 1/2	3 1/2	11.4
	21	CA2-6DP21	3.50	3.90	5	1	15/8	1.050	233/64	1 1/4	2 1/2	3.8
	48	CA2-6DP48	8.00	8.10	37/16	1 1/8	2 1/4	1.170	157/64	1	3 1/4	11.8
	24	CA2-6DP24	4.00	4.40	57/16	1	13/4	1.170	235/64	1 1/4	25/8	4.9
8DP	40	CA2-8DP40	5.00	5.07	27/8	1	2	0.820	127/32	1 1/4	3	5.0
	20	CA2-8DP20	2.50	2.80	4	7/8	1 1/4	0.820	29/32	113/32	2 1/8	3.0
10DP	40	CA2-10DP40	4.00	4.06	2 1/2	7/8	2	0.710	111/16	13/16	3	3.7
	20	CA2-10DP20	2.00	2.24	3 1/8	3/4	15/16	0.710	151/64	1 1/16	13/4	0.9
	50	CA2-10DP50	5.00	5.06	25/8	3/4	1 1/4	0.700	119/32	1	2	3.6
	25	CA2-10DP25	2.50	2.74	33/8	3/4	1 1/4	0.700	135/64	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	17/16	1.4
	18	CA2-12DP18	1.50	1.70	2 1/4	1/2	5/8	0.460	113/64	11/16	1 1/4	0.4
	48	CA2-12DP48	4.00	4.05	2	5/8	7/8	0.590	111/64	3/4	15/8	1.5
	24	CA2-12DP24	2.00	2.20	27/8	1/2	13/16	0.590	17/16	3/4	1 1/2	0.8
14DP	28	CA2-14DP28	2.00	2.04	13/8	1/2	7/8	0.350	15/16	21/32	15/8	0.5
	14	CA2-14DP14	1.00	1.17	15/8	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	13/16	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	
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	13/16	1 3/4	1.2
10DP	60	CA3-10DP60	6.00	6.04	2 3/4	7/8	2	0.780	1 29/32	13/8	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	1 3/16	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	5 9/64	1 5/32	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	
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	2 7/32	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	2 3/32	1 1/4	0.4
16DP	64	CA4-16DP64	4.00	4.02	1 3/8	5/8	1 3/8	0.480	5 7/64	9/16	2 1/4	1.6
	16	CA4-16DP16	1.00	1.17	2 1/2	1/2	5/8	0.480	6 3/64	1 5/32	1 3/16	0.1