

NONMETALLIC SPUR GEARS • 48 PITCH

SDP/SI

AGMA 8

1/8 FACE

20° PRESSURE ANGLE

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

► MATERIAL:

Gear - Acetal

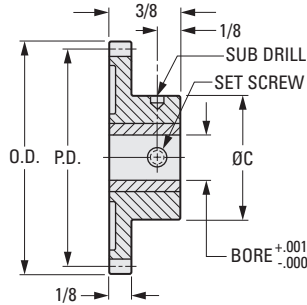
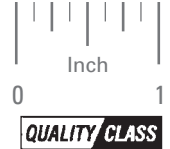
Insert - Brass

► SPECIFICATION:

Gears under 60 teeth have no webs

Gears with:

Bore	Set Screw & Sub Drill
.125	#2-56
.1875	#4-40
.250	#6-32



INCH COMPONENT CATALOG NUMBER

A 1 P 2 - Y 48

No. of
Teeth
Code

BORE CODE

A .125 Dia.

B .1875 Dia.

C .250 Dia.

No. of Teeth Code	No. of Teeth	P.D.	O.D.	C Hub Dia.
028	28	.583	.625	33/64
029	29	.604	.646	33/64
030	30	.625	.667	33/64
031	31	.646	.688	33/64
032	32	.667	.708	33/64
033	33	.688	.729	33/64
034	34	.708	.750	33/64
035	35	.729	.771	33/64
036	36	.750	.792	33/64
037	37	.771	.813	33/64
038	38	.792	.833	33/64
039	39	.813	.854	33/64
040	40	.833	.875	33/64
042	42	.875	.917	33/64
044	44	.917	.958	33/64
045	45	.938	.979	33/64
046	46	.958	1.000	33/64
048	48	1.000	1.042	5/8
050	50	1.042	1.083	5/8
052	52	1.083	1.125	5/8

No. of Teeth Code	No. of Teeth	P.D.	O.D.	C Hub Dia.
054	54	1.125	1.167	5/8
055	55	1.146	1.188	5/8
056	56	1.167	1.208	5/8
058	58	1.208	1.250	5/8
060	60	1.250	1.292	5/8
064	64	1.333	1.375	5/8
066	66	1.375	1.417	5/8
068	68	1.417	1.458	5/8
072	72	1.500	1.542	3/4
075	75	1.563	1.604	3/4
080	80	1.667	1.708	3/4
084	84	1.750	1.792	3/4
090	90	1.875	1.917	3/4
092	92	1.917	1.958	3/4
096	96	2.000	2.042	3/4
100	100	2.083	2.125	3/4
108	108	2.250	2.292	3/4
110	110	2.292	2.333	3/4
120	120	2.500	2.542	3/4
130	130	2.708	2.750	3/4

D810 P1-89
D790 P1-83
D787 P1-79
D190 P65

A 1T 2--X
P1 of 3
2-22-89
REV: 7.10.12 JF

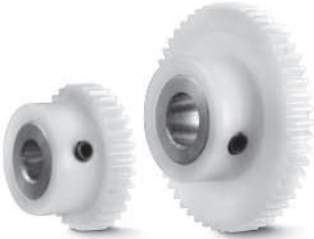
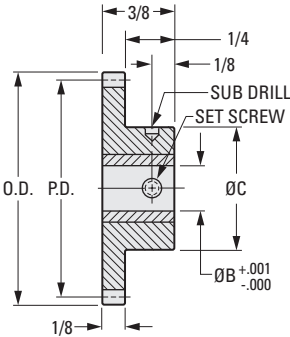
MOLDED SPUR GEARS • 48 PITCH

SDPSI

1/8 FACE
20° PRESSURE ANGLE

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► **MATERIAL:**
Gear - Acetal
Insert - Brass



INCH COMPONENT

Catalog Number	No. of Teeth	P.D.	O.D. +.000 - .010	B Bore +.0010 - .0000	C Hub Dia.	Set Screw	Type
A 1T 2-Y48018	18	.375	.417	.1250	5/16	#2-56	Plain
A 1T 2-Y48019	19	.396	.438	.1250	5/16	#2-56	Plain
A 1T 2-Y48020	20	.417	.458	.1250	11/32	#2-56	Plain
A 1T 2-Y48021	21	.438	.479	.1250	11/32	#2-56	Plain
A 1T 2-Y48022	22	.458	.500	.1250	3/8	#2-56	Plain
A 1T 2-Y48023	23	.479	.521	.1250	3/8	#2-56	Plain
A 1T 2-Y48024	24	.500	.542	.1250	13/32	#2-56	Plain
A 1T 2-Y48025	25	.521	.563	.1250	13/32	#2-56	Plain
A 1T 2-Y48026	26	.542	.583	.1875	29/64	#4-40	Plain
A 1T 2-Y48027	27	.563	.604	.1875	29/64	#4-40	Plain
A 1T 2-Y48028	28	.583	.625	.1875	31/64	#4-40	Plain
A 1T 2-Y48029	29	.604	.646	.1875	31/64	#4-40	Plain
A 1T 2-Y48030	30	.625	.667	.1875	1/2	#4-40	Plain
A 1T 2-Y48031	31	.646	.688	.1875	35/64	#4-40	Plain
A 1T 2-Y48032	32	.667	.708	.1875	35/64	#4-40	Plain
A 1T 2-Y48033	33	.688	.729	.1875	35/64	#4-40	Plain
A 1T 2-Y48034	34	.708	.750	.1875	35/64	#4-40	Plain
A 1T 2-Y48035	35	.729	.771	.1875	35/64	#4-40	Plain
A 1T 2-Y48036	36	.750	.792	.1875	35/64	#4-40	Plain
A 1T 2-Y48037	37	.771	.813	.1875	35/64	#4-40	Plain
A 1T 2-Y48038	38	.792	.833	.1875	35/64	#4-40	Plain
A 1T 2-Y48039	39	.813	.854	.1875	35/64	#4-40	Plain
A 1T 2-Y48040	40	.833	.875	.1875	35/64	#4-40	Plain
A 1T 2-Y48040S	40	.833	.875	.2500	35/64	#6-32	Plain
A 1T 2-Y48042	42	.875	.917	.1875	35/64	#4-40	Plain
A 1T 2-Y48044	44	.917	.958	.1875	35/64	#4-40	Plain
A 1T 2-Y48045	45	.938	.979	.1875	35/64	#4-40	Plain
A 1T 2-Y48048	48	1.000	1.042	.2500	39/64	#6-32	Plain
A 1T 2-Y48052	52	1.083	1.125	.2500	39/64	#6-32	Web
A 1T 2-Y48054	54	1.125	1.167	.2500	39/64	#6-32	Web
A 1T 2-Y48056	56	1.167	1.208	.2500	39/64	#6-32	Web
*A 1T 2-Y48056S	56	1.167	1.208	.2500	39/64	#6-32	Web
A 1T 2-Y48060	60	1.250	1.292	.2500	39/64	#6-32	Web
A 1T 2-Y48064	64	1.333	1.375	.2500	39/64	#6-32	Web
A 1T 2-Y48066	66	1.375	1.417	.2500	39/64	#6-32	Web
A 1T 2-Y48072	72	1.500	1.542	.2500	39/64	#6-32	Web
A 1T 2-Y48080	80	1.667	1.708	.2500	39/64	#6-32	Web
A 1T 2-Y48084	84	1.750	1.792	.2500	39/64	#6-32	Web
A 1T 2-Y48096	96	2.000	2.042	.2500	39/64	#6-32	Web
A 1T 2-Y48100	100	2.083	2.125	.2500	39/64	#6-32	Web
A 1T 2-Y48108	108	2.250	2.292	.2500	39/64	#6-32	Web
A 1T 2-Y48120	120	2.500	2.542	.2500	39/64	#6-32	Web

*Has 2 set screws