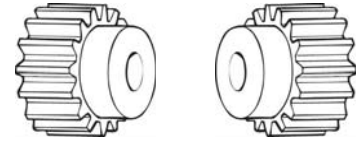


STEEL GEAR

CUT 20° PRESSURE ANGLE INVOLUTE TOOTH FORM



DESIGNED TO RUN WITH 20° STEEL RACK OR GEARS OF SAME PRESSURE ANGLE

CAT. NO.	TEETH	Pitch Diam.	HOLE	HUB DIA.	HUB PROJ.	* MD	WT. IN LBS.
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3/4" FACE		12 PITCH – 20° PA.				3/4" FACE	
12THG-12	12	1.000"	1/2"	3/4"	1/2"	1.166"	.09
12THG-15	15	1.250"	5/8"	1"	"	1.291"	.22
12THG-16	16	1.333"	"	1 1/16"	"	1.333"	.25
12THG-18	18	1.500"	"	1 1/4"	"	1.416"	.38
12THG-20	20	1.666"	"	1 7/16"	"	1.500"	.53
12THG-21	21	1.750"	"	1 1/2"	"	1.541"	.59
12THG-24	24	2.000"	"	1 3/4"	"	1.666"	.84
12THG-30	30	2.500"	"	2 1/4"	5/8"	1.916"	1.6

1" FACE		10 PITCH – 20° PA.				1" FACE	
10THG-12	12	1.200"	5/8"	15/16"	5/8"	1.500"	.25
10THG-14	14	1.400"	"	1 1/8"	"	1.600"	.44
10THG-15	15	1.500"	3/4"	1 7/32"	"	1.650"	.47
10THG-16	16	1.600"	"	1 5/16"	"	1.700"	.56
10THG-18	18	1.800"	"	1 17/32"	"	1.800"	.81
10THG-20	20	2.000"	"	1 23/32"	"	1.900"	1.1
10THG-24	24	2.400"	"	2 1/8"	"	2.100"	1.7
10THG-25	25	2.500"	"	2 7/32"	"	2.150"	1.8

1 1/4" FACE		8 PITCH – 20° PA.				1 1/4" FACE	
8THG-12	12	1.500"	3/4"	1 1/8"	3/4"	1.875"	.56
8THG-14	14	1.750"	"	1 3/8"	"	2.000"	.84
8THG-15	15	1.875"	7/8"	1 1/2"	"	2.062"	.94
8THG-16	16	2.000"	"	1 5/8"	"	2.125"	1.1
8THG-18	18	2.250"	"	1 7/8"	"	2.250"	1.6
8THG-20	20	2.500"	"	2 1/8"	"	2.375"	2.0
8THG-22	22	2.750"	"	2 3/8"	"	2.500"	2.6
8THG-24	24	3.000"	"	2 1/2"	"	2.625"	2.9

1 1/2" FACE		6 PITCH – 20° PA.				1 1/2" FACE	
6THG-12	12	2.000"	1"	1 1/2"	7/8"	2.333"	1.2
6THG-14	14	2.333"	"	1 13/16"	"	2.500"	1.8
6THG-15	15	2.500"	"	2"	"	2.583"	2.3
6THG-16	16	2.666"	"	2 3/16"	"	2.666"	2.7
6THG-18	18	3.000"	"	2 1/2"	"	2.833"	3.6
6THG-20	20	3.333"	"	2 7/8"	"	3.000"	4.7
6THG-21	21	3.500"	"	3"	"	3.083"	5.1
6THG-24	24	4.000"	"	3 1/2"	"	3.333"	5.7

1 3/4" FACE		5 PITCH – 20° PA.				1 3/4" FACE	
5THG-12	12	2.400"	1"	1 13/16"	7/8"	2.250"	2.0
5THG-14	14	2.800"	"	2 1/4"	"	2.450"	3.5
5THG-15	15	3.000"	"	2 7/16"	"	2.550"	4.0
5THG-16	16	3.200"	"	2 5/8"	"	2.650"	5.0
5THG-18	18	3.600"	"	3"	"	2.850"	6.5
5THG-20	20	4.000"	"	3 3/8"	"	3.050"	7.5
5THG-22	22	4.400"	"	3 3/4"	"	3.250"	9.3

*MD is based on gears mated with 20° steel rack shown on page 2