

FLAT SPUR GEARS-HUBLESS

**72 PITCH
1/8 FACE
3/8 BORE**

Designed for use with:

- One way clutches (section "E")
- Cluster gears (section "L")
- Slip clutches (section "E")
- Pin hubs (section "B")
- Screw type hubs (section "B")
- Clamp type hubs (section "B")

Depending on application--
Nordex assembly charges on request.

**** NO LIGHTENING HOLES**

Specifications: Unless otherwise stated, 20° pressure angle, quality #10 or better gears will be supplied. When ordering Q12 or Q14 please supply the catalog number and add Q12 or Q14.

Gear Class	Total Composite Tolerance	Tooth to Tooth Composite Tolerance	Pitch Dia.	Outside Dia.
Q10	.001	.0004	-.001	-.002
*Q12	.0005	.0003	-.0007	-.0015
*Q14	.00025	.0002	-.0005	-.001

Gear tapes certifying accuracy available at additional cost.

ORDER BY CATALOG NUMBER

# 303 STAINLESS STEEL	2024-T4 ALUMINUM ANODIZED BEFORE CUTTING	GEAR DATA		
Cat. No.	Cat. No.	No. of Teeth	Pitch Diameter	Outside Diameter
LCS-G1-43	LCA-G1-43	43	.5972	.625
LCS-G1-44	LCA-G1-44	44	.6111	.639
LCS-G1-45	LCA-G1-45	45	.6250	.653
LCS-G1-46	LCA-G1-46	46	.6388	.667
LCS-G1-47	LCA-G1-47	47	.6527	.681
LCS-G1-48	LCA-G1-48	48	.6666	.694
LCS-G1-50	LCA-G1-50	50	.6944	.722
LCS-G1-54	LCA-G1-54	54	.7500	.778
LCS-G1-55	LCA-G1-55	55	.7638	.792
LCS-G1-56	LCA-G1-56	56	.7777	.806
LCS-G1-60	LCA-G1-60	60	.8333	.861
LCS-G1-63	LCA-G1-63	63	.8750	.903
LCS-G1-64	LCA-G1-64	64	.8888	.917
LCS-G1-70	LCA-G1-70	70	.9722	1.000
LCS-G1-72	LCA-G1-72	72	1.0000	1.028
LCS-G1-75	LCA-G1-75	75	1.0416	1.069

*To produce gear class 12 or 14, the gear must be mounted to its hub before cutting.

** LIGHTENING HOLES available upon request for gears 2 1/8 diameter and over. For hole specifications please refer to product catalog number series KPS-J1 "Flat Gear Blanks" in section K.

79L (800) 243-0986
In CT (203) 792-9050

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FLAT SPUR GEARS-HUBLESS

CONTINUED

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3/8 BORE

ORDER BY CATALOG NUMBER

# 303 STAINLESS STEEL	2024-T4 ALUMINUM ANODIZED BEFORE CUTTING	GEAR DATA		
Cat. No.	Cat. No.	No. of Teeth	Pitch Diameter	Outside Diameter
LCS-G1-80	LCA-G1-80	80	1.1111	1.139
LCS-G1-81	LCA-G1-81	81	1.1250	1.153
LCS-G1-84	LCA-G1-84	84	1.1666	1.194
LCS-G1-85	LCA-G1-85	85	1.1805	1.208
LCS-G1-90	LCA-G1-90	90	1.2500	1.278
LCS-G1-92	LCA-G1-92	92	1.2777	1.306
LCS-G1-95	LCA-G1-95	95	1.3194	1.347
LCS-G1-96	LCA-G1-96	96	1.3333	1.361
LCS-G1-99	LCA-G1-99	99	1.3750	1.403
LCS-G1-100	LCA-G1-100	100	1.3888	1.417
LCS-G1-105	LCA-G1-105	105	1.4583	1.486
LCS-G1-108	LCA-G1-108	108	1.5000	1.528
LCS-G1-110	LCA-G1-110	110	1.5277	1.556
LCS-G1-117	LCA-G1-117	117	1.6249	1.653
LCS-G1-120	LCA-G1-120	120	1.6666	1.694
LCS-G1-126	LCA-G1-126	126	1.7499	1.778
LCS-G1-127	LCA-G1-127	127	1.7638	1.792
LCS-G1-130	LCA-G1-130	130	1.8055	1.833
LCS-G1-135	LCA-G1-135	135	1.8749	1.903
LCS-G1-140	LCA-G1-140	140	1.9444	1.972
LCS-G1-144	LCA-G1-144	144	2.0000	2.028
LCS-G1-150	LCA-G1-150	150	2.0833	2.111
LCS-G1-153	LCA-G1-153	153	2.1249	2.153
LCS-G1-160	LCA-G1-160	160	2.2222	2.250
LCS-G1-162	LCA-G1-162	162	2.2499	2.278
LCS-G1-180	LCA-G1-180	180	2.5000	2.528
LCS-G1-198	LCA-G1-198	198	2.7499	2.778
LCS-G1-216	LCA-G1-216	216	3.0000	3.028
LCS-G1-234	LCA-G1-234	234	3.2500	3.278
LCS-G1-252	LCA-G1-252	252	3.5000	3.528
LCS-G1-270	LCA-G1-270	270	3.7500	3.778
LCS-G1-288	LCA-G1-288	288	4.0000	4.028
LCS-G1-297	LCA-G1-297	297	4.1250	4.153

*To produce gear class 12 or 14, the gear must be mounted to its hub before cutting.

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(800) 243-0986 80L
In CT (203) 775-4877