

# FLAT SPUR GEARS-HUBLESS

20° PRESSURE ANGLE

**48 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-E1-29	LCA-E1-29	29	.6041	.646
LCS-E1-30	LCA-E1-30	30	.6250	.667
LCS-E1-31	LCA-E1-31	31	.6458	.688
LCS-E1-32	LCA-E1-32	32	.6666	.708
LCS-E1-33	LCA-E1-33	33	.6875	.729
LCS-E1-34	LCA-E1-34	34	.7083	.750
LCS-E1-35	LCA-E1-35	35	.7291	.771
LCS-E1-36	LCA-E1-36	36	.7500	.792
LCS-E1-38	LCA-E1-38	38	.7916	.833
LCS-E1-40	LCA-E1-40	40	.8333	.875
LCS-E1-42	LCA-E1-42	42	.8750	.917
LCS-E1-44	LCA-E1-44	44	.9166	.958
LCS-E1-46	LCA-E1-46	46	.9583	1.000
LCS-E1-48	LCA-E1-48	48	1.0000	1.042
LCS-E1-50	LCA-E1-50	50	1.0416	1.083
LCS-E1-52	LCA-E1-52	52	1.0833	1.125
LCS-E1-54	LCA-E1-54	54	1.1250	1.167

\*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 catalog number series KPS-J1 "Flat Gear Blanks" in section K.

**75L (800) 243-0986**  
In CT (203) 775-4877

**NORDEX**

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CONTINUED

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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-E1-56	LCA-E1-56	56	1.1666	1.208
LCS-E1-58	LCA-E1-58	58	1.2080	1.250
LCS-E1-60	LCA-E1-60	60	1.2500	1.292
LCS-E1-64	LCA-E1-64	64	1.3333	1.375
LCS-E1-65	LCA-E1-65	65	1.3541	1.396
LCS-E1-70	LCA-E1-70	70	1.4583	1.500
LCS-E1-72	LCA-E1-72	72	1.5000	1.542
LCS-E1-75	LCA-E1-75	75	1.5625	1.604
LCS-E1-80	LCA-E1-80	80	1.6666	1.708
LCS-E1-84	LCA-E1-84	84	1.7500	1.792
LCS-E1-85	LCA-E1-85	85	1.7708	1.813
LCS-E1-90	LCA-E1-90	90	1.8750	1.917
LCS-E1-92	LCA-E1-92	92	1.9166	1.958
LCS-E1-95	LCA-E1-95	95	1.9791	2.021
LCS-E1-96	LCA-E1-96	96	2.0000	2.042
LCS-E1-100	LCA-E1-100	100	2.0833	2.125
LCS-E1-102	LCA-E1-102	102	2.1250	2.167
LCS-E1-105	LCA-E1-105	105	2.1875	2.229
LCS-E1-108	LCA-E1-108	108	2.2500	2.292
LCS-E1-110	LCA-E1-110	110	2.2920	2.333
LCS-E1-115	LCA-E1-115	115	2.3958	2.438
LCS-E1-120	LCA-E1-120	120	2.5000	2.542
LCS-E1-126	LCA-E1-126	126	2.6250	2.667
LCS-E1-127	LCA-E1-127	127	2.6458	2.688
LCS-E1-132	LCA-E1-132	132	2.7500	2.792
LCS-E1-138	LCA-E1-138	138	2.8750	2.917
LCS-E1-144	LCA-E1-144	144	3.0000	3.042
LCS-E1-150	LCA-E1-150	150	3.1250	3.167
LCS-E1-156	LCA-E1-156	156	3.2500	3.292
LCS-E1-162	LCA-E1-162	162	3.3750	3.417
LCS-E1-168	LCA-E1-168	168	3.5000	3.542
LCS-E1-174	LCA-E1-174	174	3.6250	3.667
LCS-E1-180	LCA-E1-180	180	3.7500	3.792
LCS-E1-186	LCA-E1-186	186	3.8750	3.917
LCS-E1-192	LCA-E1-192	192	4.0000	4.042
LCS-E1-198	LCA-E1-198	198	4.1250	4.167

The number of teeth does not reflect our entire stock, unlisted teeth supplied at modest additional cost. 14-1/2" pressure angle, special bores and materials - price on application.