

FLAT SPUR GEARS-HUBLESS

20° PRESSURE ANGLE

**32 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-D1-19	LCA-D1-19	19	.5938	.656
LCS-D1-20	LCA-D1-20	20	.6250	.688
LCS-D1-21	LCA-D1-21	21	.6565	.719
LCS-D1-22	LCA-D1-22	22	.6875	.750
LCS-D1-23	LCA-D1-23	23	.7188	.781
LCS-D1-24	LCA-D1-24	24	.7500	.813
LCS-D1-25	LCA-D1-25	25	.7813	.844
LCS-D1-26	LCA-D1-26	26	.8126	.875
LCS-D1-27	LCA-D1-27	27	.8438	.906
LCS-D1-28	LCA-D1-28	28	.8750	.938
LCS-D1-29	LCA-D1-29	29	.9063	.969
LCS-D1-30	LCA-D1-30	30	.9375	1.000
LCS-D1-31	LCA-D1-31	31	.9688	1.031
LCS-D1-32	LCA-D1-32	32	1.0000	1.063
LCS-D1-35	LCA-D1-35	35	1.0940	1.156
LCS-D1-36	LCA-D1-36	36	1.1250	1.188

*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.

FLAT SPUR GEARS-HUBLESS

CONTINUED

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

ORDER BY CATALOG NUMBER

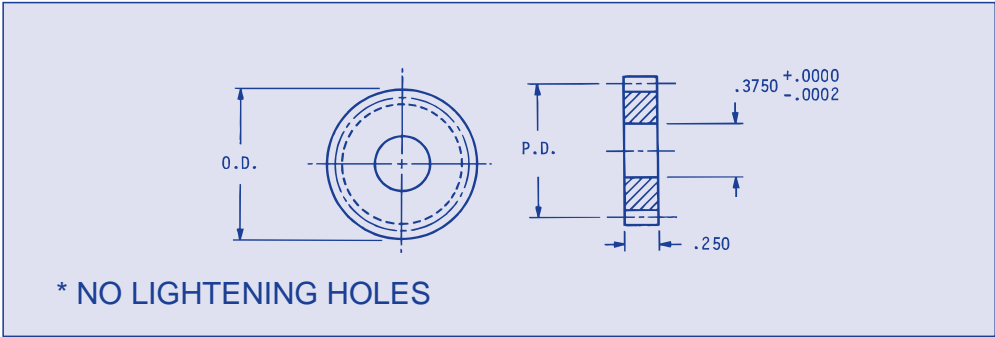
# 303 STAINLESS STEEL	2024-T4 ALUMINUM ANODIZED BEFORE CUTTING	GEAR DATA		
Cat. No.	Cat. No.	No. of Teeth	Pitch Diameter	Outside Diameter
LCS-D1-40	LCA-D1-40	40	1.2500	1.313
LCS-D1-42	LCA-D1-42	42	1.3125	1.375
LCS-D1-44	LCA-D1-44	44	1.3750	1.438
LCS-D1-46	LCA-D1-46	46	1.4375	1.500
LCS-D1-48	LCA-D1-48	48	1.5000	1.563
LCS-D1-50	LCA-D1-50	50	1.5625	1.625
LCS-D1-57	LCA-D1-57	57	1.7813	1.844
LCS-D1-60	LCA-D1-60	60	1.8750	1.938
LCS-D1-63	LCA-D1-63	63	1.9688	2.031
LCS-D1-64	LCA-D1-64	64	2.0000	2.063
LCS-D1-66	LCA-D1-66	66	2.0625	2.125
LCS-D1-69	LCA-D1-69	69	2.1563	2.219
LCS-D1-72	LCA-D1-72	72	2.2500	2.313
LCS-D1-75	LCA-D1-75	75	2.3438	2.406
LCS-D1-80	LCA-D1-80	80	2.5000	2.563
LCS-D1-82	LCA-D1-82	82	2.5625	2.625
LCS-D1-84	LCA-D1-84	84	2.6250	2.688
LCS-D1-86	LCA-D1-86	86	2.6825	2.750
LCS-D1-88	LCA-D1-88	88	2.7500	2.813
LCS-D1-92	LCA-D1-92	92	2.8750	2.938
LCS-D1-95	LCA-D1-95	95	2.9688	3.031
LCS-D1-96	LCA-D1-96	96	3.0000	3.063
LCS-D1-100	LCA-D1-100	100	3.1250	3.188
LCS-D1-105	LCA-D1-105	105	3.2813	3.344
LCS-D1-110	LCA-D1-110	110	3.4375	3.500
LCS-D1-114	LCA-D1-114	114	3.5625	3.625
LCS-D1-115	LCA-D1-115	115	3.5938	3.656
LCS-D1-120	LCA-D1-120	120	3.7500	3.813
LCS-D1-125	LCA-D1-125	125	3.9063	3.969
LCS-D1-128	LCA-D1-128	128	4.0000	4.063
LCS-D1-132	LCA-D1-132	132	4.1250	4.188

*To produce gear class 12 or 14 the gear must be mounted to its hub before cutting.
The number of teeth shown 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.

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20° PRESSURE ANGLE

32 PITCH
1/4 FACE
3/8 BORE



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Q12	.0005	.0003	-.0007	-.0015
Q14	.00025	.0002	-.0005	-.001

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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-D2-32	LCA-D2-32	32	1.0000	1.062
LCS-D2-36	LCA-D2-36	36	1.0625	1.125
LCS-D2-40	LCA-D2-40	40	1.2500	1.312
LCS-D2-48	LCA-D2-48	48	1.5000	1.562
LCS-D2-54	LCA-D2-54	54	1.6875	1.750
LCS-D2-60	LCA-D2-60	60	1.8750	1.938
LCS-D2-64	LCA-D2-64	64	2.0000	2.062
LCS-D2-72	LCA-D2-72	72	2.2500	2.312
LCS-D2-75	LCA-D2-75	75	2.3438	2.406
LCS-D2-80	LCA-D2-80	80	2.5000	2.562
LCS-D2-86	LCA-D2-86	86	2.6825	2.750
LCS-D2-96	LCA-D2-96	96	3.0000	3.062
LCS-D2-100	LCA-D2-100	100	3.1250	3.188
LCS-D2-120	LCA-D2-120	120	3.7500	3.812
LCS-D2-128	LCA-D2-128	128	4.0000	4.062

* LIGHTENING HOLES available upon request for gears 2 1/8 diameter and over..