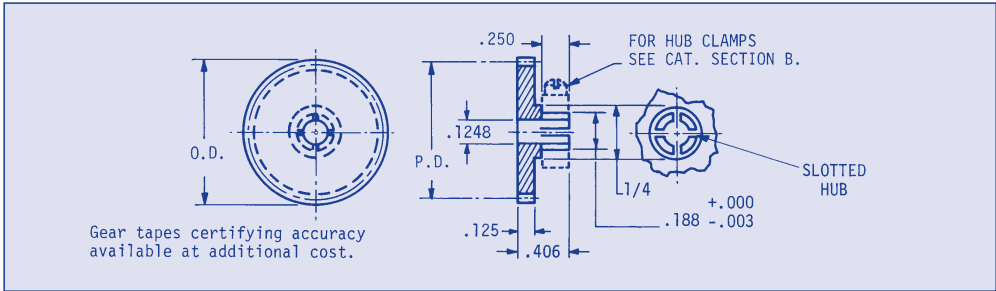


# SPUR GEARS-SPLIT HUB

20° PRESSURE ANGLE

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



**Specifications:** Unless otherwise stated, 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	Bore	Pitch Dia.	Outside Dia.
Q10	.001	.0004	+ .0005	-.001	-.002
Q12	.0005	.0003	+ .0003	-.0007	-.0015
Q14	.00025	.0002	+ .0002	-.0005	-.001

## 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
LBS-G1-21	LBA-G1-21	21	.2916	.319
LBS-G1-22	LBA-G1-22	22	.3055	.333
LBS-G1-23	LBA-G1-23	23	.3194	.347
LBS-G1-24	LBA-G1-24	24	.3333	.361
LBS-G1-25	LBA-G1-25	25	.3471	.375
LBS-G1-26	LBA-G1-26	26	.3610	.389
LBS-G1-27	LBA-G1-27	27	.3750	.403
LBS-G1-28	LBA-G1-28	28	.3888	.417
LBS-G1-29	LBA-G1-29	29	.4027	.431
LBS-G1-30	LBA-G1-30	30	.4166	.444
LBS-G1-32	LBA-G1-32	32	.4444	.472
LBS-G1-34	LBA-G1-34	34	.4722	.500
LBS-G1-36	LBA-G1-36	36	.5000	.528
LBS-G1-38	LBA-G1-38	38	.5277	.556
LBS-G1-40	LBA-G1-40	40	.5555	.583
LBS-G1-42	LBA-G1-42	42	.5833	.611
LBS-G1-45	LBA-G1-45	45	.6250	.653
LBS-G1-54	LBA-G1-54	54	.7500	.778
LBS-G1-63	LBA-G1-63	63	.8750	.903
LBS-G1-72	LBA-G1-72	72	1.0000	1.028
LBS-G1-81	LBA-G1-81	81	1.1250	1.153
LBS-G1-90	LBA-G1-90	90	1.2500	1.278
LBS-G1-99	LBA-G1-99	99	1.3750	1.403
LBS-G1-108	LBA-G1-108	108	1.5000	1.528
LBS-G1-117	LBA-G1-117	117	1.6249	1.653
LBS-G1-126	LBA-G1-126	126	1.7499	1.778
LBS-G1-127	LBA-G1-127	127	1.7638	1.792
LBS-G1-135	LBA-G1-135	135	1.8749	1.903
LBS-G1-140	LBA-G1-140	140	1.9444	1.972

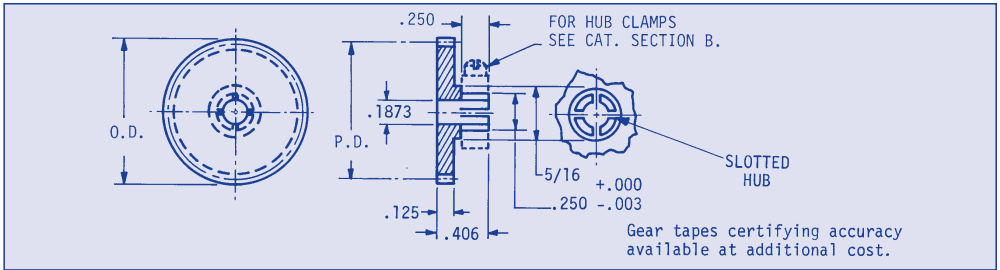
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In CT (203) 775-4877

**NORDEX**

# SPUR GEARS-SPLIT HUB

20° PRESSURE ANGLE

**72 PITCH  
1/8 FACE  
3/16 BORE**



**Specifications:** Unless otherwise stated, 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	Bore	Pitch Dia.	Outside Dia.
Q10	.001	.0004	+ .0005	- .001	- .002
Q12	.0005	.0003	+ .0003	- .0007	- .0015
Q14	.00025	.0002	+ .0002	- .0005	- .001

## 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
*LBS-G2-24	*LBA-G2-24	24	.3333	.361
LBS-G2-25	LBA-G2-25	25	.3471	.375
LBS-G2-26	LBA-G2-26	26	.3610	.389
LBS-G2-27	LBA-G2-27	27	.3750	.403
LBS-G2-28	LBA-G2-28	28	.3888	.417
LBS-G2-29	LBA-G2-29	29	.4027	.431
LBS-G2-30	LBA-G2-30	30	.4166	.444
LBS-G2-32	LBA-G2-32	32	.4444	.472
LBS-G2-34	LBA-G2-34	34	.4722	.500
LBS-G2-36	LBA-G2-36	36	.5000	.528
LBS-G2-38	LBA-G2-38	38	.5277	.556
LBS-G2-40	LBA-G2-40	40	.5555	.583
LBS-G2-42	LBA-G2-42	42	.5833	.611
LBS-G2-45	LBA-G2-45	45	.6250	.653
LBS-G2-54	LBA-G2-54	54	.7500	.778
LBS-G2-63	LBA-G2-63	63	.8750	.903
LBS-G2-72	LBA-G2-72	72	1.0000	1.028
LBS-G2-81	LBA-G2-81	81	1.1250	1.153
LBS-G2-90	LBA-G2-90	90	1.2500	1.278
LBS-G2-99	LBA-G2-99	99	1.3750	1.403
LBS-G2-108	LBA-G2-108	108	1.5000	1.528
LBS-G2-117	LBA-G2-117	117	1.6249	1.653
LBS-G2-126	LBA-G2-126	126	1.7499	1.778
LBS-G2-127	LBA-G2-127	127	1.7638	1.792
LBS-G2-135	LBA-G2-135	135	1.8749	1.903
LBS-G2-140	LBA-G2-140	140	1.9444	1.972

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\* Gear hob cuts into 5/16ths hub.

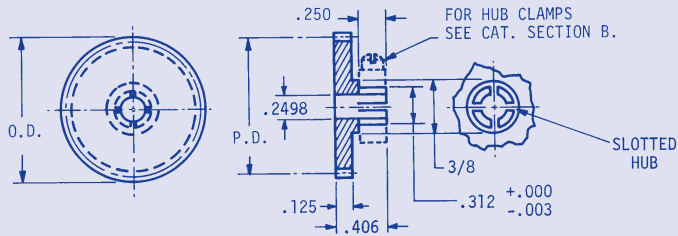
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**62L**

# SPUR GEARS-SPLIT HUB

20° PRESSURE ANGLE

72 PITCH  
1/8 FACE  
1/4 BORE



Gear tapes certifying accuracy available at additional cost.

**Specifications:** Unless otherwise stated, 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	Bore	Pitch Dia.	Outside Dia.
Q10	.001	.0004	+ .0005	- .001	- .002
Q12	.0005	.0003	+ .0003	- .0007	- .0015
Q14	.00025	.0002	+ .0002	- .0005	- .001

## 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
*LBS-G3-28	*LBA-G3-28	28	.3888	.417
*LBS-G3-29	*LBA-G3-29	29	.4027	.431
LBS-G3-30	LBA-G3-30	30	.4166	.444
LBS-G3-32	LBA-G3-32	32	.4444	.472
LBS-G3-34	LBA-G3-34	34	.4722	.500
LBS-G3-36	LBA-G3-36	36	.5000	.528
LBS-G3-38	LBA-G3-38	38	.5277	.556
LBS-G3-40	LBA-G3-40	40	.5555	.583
LBS-G3-42	LBA-G3-42	42	.5833	.611
LBS-G3-45	LBA-G3-45	45	.6250	.653
LBS-G3-54	LBA-G3-54	54	.7500	.778
LBS-G3-63	LBA-G3-63	63	.8750	.903
LBS-G3-72	LBA-G3-72	72	1.0000	1.028
LBS-G3-81	LBA-G3-81	81	1.1250	1.153
LBS-G3-90	LBA-G3-90	90	1.2500	1.278

\* Gear hob cuts into 3/8ths hub.

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# SPUR GEARS-SPLIT HUB CONTINUED

**72 PITCH  
1/8 FACE  
1/4 BORE**

20° PRESSURE ANGLE

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
LBS-G3-99	LBA-G3-99	99	1.3750	1.403
LBS-G3-108	LBA-G3-108	108	1.5000	1.528
LBS-G3-117	LBA-G3-117	117	1.6249	1.653
LBS-G3-126	LBA-G3-126	126	1.7499	1.778
LBS-G3-127	LBA-G3-127	127	1.7638	1.792
LBS-G3-135	LBA-G3-135	135	1.8749	1.903
LBS-G3-144	LBA-G3-144	144	2.0000	2.028
LBS-G3-153	LBA-G3-153	153	2.1249	2.153
LBS-G3-162	LBA-G3-162	162	2.2499	2.277
LBS-G3-171	LBA-G3-171	171	2.3749	2.403
LBS-G3-180	LBA-G3-180	180	2.5000	2.528
LBS-G3-189	LBA-G3-189	189	2.6249	2.653
LBS-G3-198	LBA-G3-198	198	2.7499	2.778
LBS-G3-207	LBA-G3-207	207	2.8750	2.903
LBS-G3-216	LBA-G3-216	216	3.0000	3.028
LBS-G3-225	LBA-G3-225	225	3.1250	3.153
LBS-G3-234	LBA-G3-234	234	3.2500	3.278
LBS-G3-243	LBA-G3-243	243	3.3750	3.403
LBS-G3-252	LBA-G3-252	252	3.5000	3.528
LBS-G3-261	LBA-G3-261	261	3.6250	3.653
LBS-G3-270	LBA-G3-270	270	3.7500	3.778
LBS-G3-279	LBA-G3-279	279	3.8750	3.903
LBS-G3-288	LBA-G3-288	288	4.0000	4.028
LBS-G3-297	LBA-G3-297	297	4.1250	4.153

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. Split hub gears are designed to clamp to the shaft thereby permitting synchronization with other elements.

## REFERENCE INFORMATION...

The gears in this catalog all utilize the INVOLUTE tooth form. The involute tooth profile may be graphically shown by the path of a string unwinding from a cylinder.

In trying this experiment, wind a piece of string around a stationary cylinder. Tie a loop at the loose end to hold a pencil. While holding the string taut with the pencil in the loop, unwind the string making sure the cylinder does not rotate. The resultant line drawn will be an involute profile.

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**64L**

