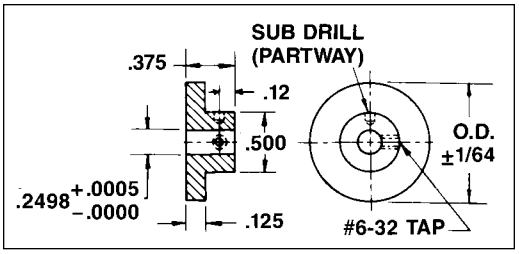
GEAR BLANKS — NO TEETH

Pin Hub — 1/8" Face Width ▪ 1/4" Bore

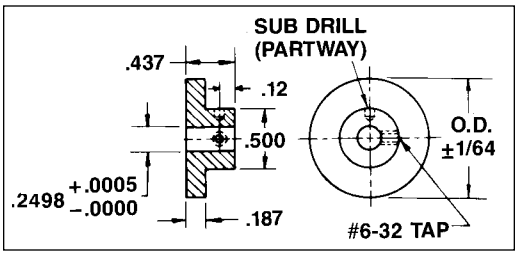


Material: 303 Stainless Steel
2024-T4 Aluminum (Anodized)

Outside Dia.	Stainless Steel Part No.	Aluminum Part No.
1	BP1-8	BP2-8
1½	BP1-12	BP2-12
2	BP1-16	BP2-16
2½	BP1-20	BP2-20
4	BP1-32	BP2-32

GEAR BLANKS — NO TEETH

Pin Hub — 3/16" Face Width ▪ 1/4" Bore

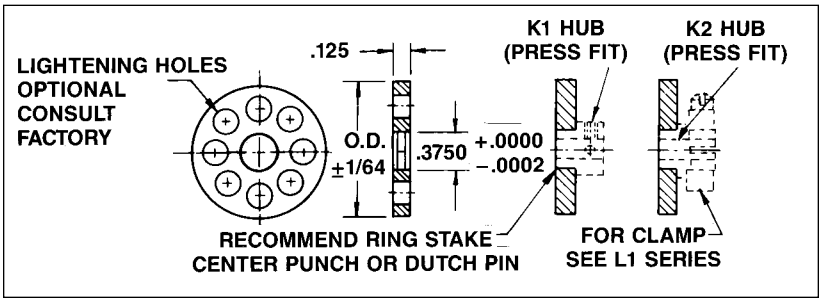


Material: 303 Stainless Steel
2024-T4 Aluminum (Anodized)

Outside Dia.	Stainless Steel Part No.	Aluminum Part No.
1	BQ1-8	BQ2-8
1½	BQ1-12	BQ2-12
2	BQ1-16	BQ2-16
2½	BQ1-20	BQ2-20
4	BQ1-32	BQ2-32

GEAR BLANKS — NO TEETH

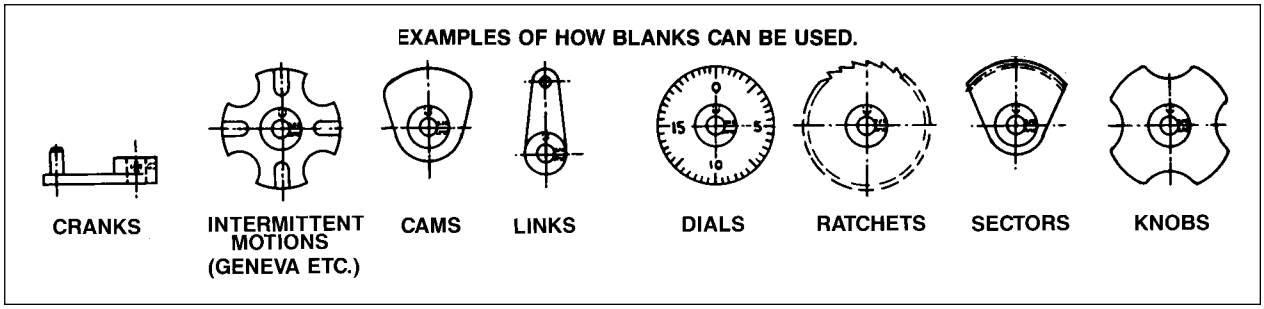
Hubless — 1/8" Face Width ▪ 3/8" Bore



Material: 303 Stainless Steel
2024-T4 Aluminum (Anodized)

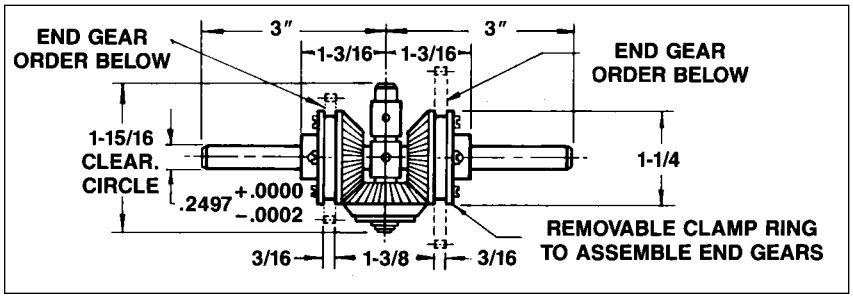
Outside Dia.	Stainless Steel Part No.	Aluminum Part No.
1	BU1-8	BU2-8
1½	BU1-12	BU2-12
2	BU1-16	BU2-16
2½	BU1-20	BU2-20
3	BU1-24	BU2-24
3½	BU1-28	BU2-28
4	BU1-32	BU2-32

Other Materials, Bores, Face Widths, Diameters On Request.
Clamp Type Blanks Available, Consult Factory.
Modifications Quoted On Request.



PRECISION DIFFERENTIALS - 48 PITCH

Ball Bearing Unit ▪ ABEC-7 ▪ 1/4" Shaft



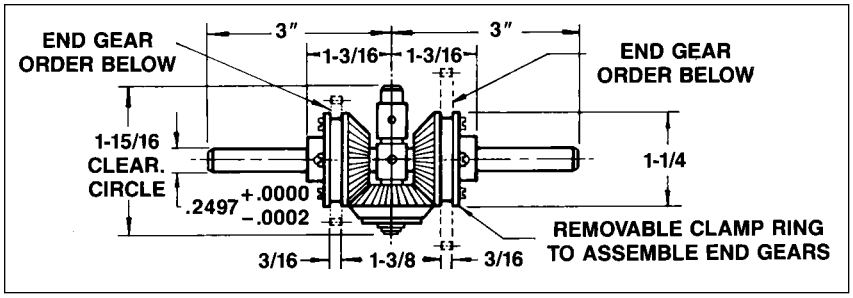
Differential Data			
Max. Torque Oz. In.	Max. Rec. Speed RPM	Max. Backlash Minutes	Part No.
80	2400	5	V7

Special Lengths Available, Consult Factory.

Material: Stainless Steel
with 2024-T4 Aluminum
(Black Anodized) Spider Gear

PRECISION DIFFERENTIALS - 48 PITCH

Oil Impregnated ▪ Bronze Bearing Unit ▪ 1/4" Shafts



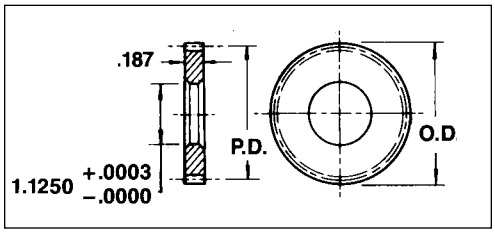
Differential Data			
Max. Torque Oz. In.	Max. Rec. Speed RPM	Max. Backlash Minutes	Part No.
80	600	15	V12

Special Lengths Available, Consult Factory.

Material: Stainless Steel
with 2024-T4 Aluminum (Black Anodized) Spider Gear
Oil-Impregnated Bronze Bearings (See AM Series)

DIFFERENTIAL END GEARS - 48 PITCH — 20° Pressure Angle

AGMA Quality No. 12



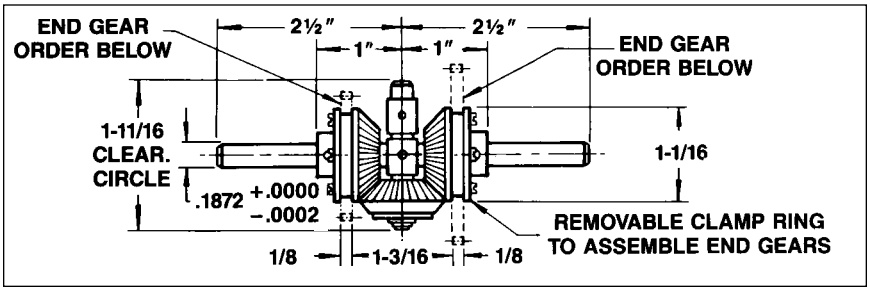
Material: 303 Stainless Steel or
2024-T4 Aluminum (Anodized Before Cutting)

Gear Data			Stainless Steel Part No.	Aluminum Part No.
No. Teeth	+.0000 −.0007 P.D.	+.0000 −.0015 O.D.		
69	1.4375	1.479	V8-1	V9-1
72	1.5000	1.542	V8-2	V9-2
80	1.6666	1.708	V8-3	V9-3
82	1.7083	1.750	V8-4	V9-4
86	1.7916	1.833	V8-5	V9-5
90	1.8750	1.916	V8-6	V9-6
95	1.9791	2.021	V8-7	V9-7
96	2.0000	2.042	V8-8	V9-8
100	2.0833	2.125	V8-9	V9-9
110	2.2916	2.333	V8-10	V9-10
120	2.5000	2.541	V8-11	V9-11
130	2.7083	2.750	V8-12	V9-12

PIC DESIGN
Phone: 800-243-6125 ▪ FAX: 203-758-8271
E-Mail: info@pic-design.com

PRECISION DIFFERENTIALS - 64 PITCH

Ball Bearing Unit ▪ ABEC-7 ▪ 3/16" Shaft



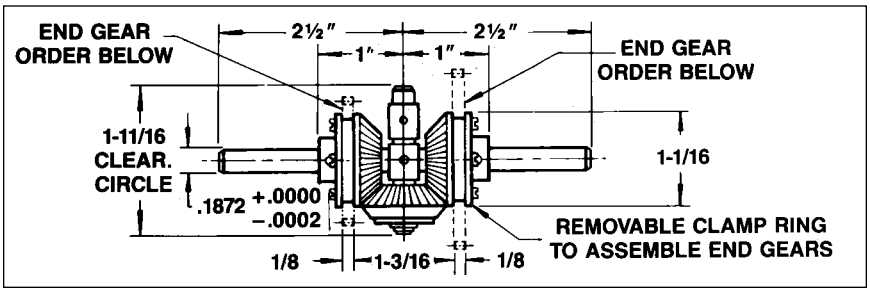
Differential Data			Part No.
Max. Torque Oz. In.	Max. Rec. Speed RPM	Max. Backlash Minutes	
60	2400	5	V4

Special Lengths Available, Consult Factory.

Material: Stainless Steel
with 2024-T4 Aluminum
(Black Anodized) Spider Gear

PRECISION DIFFERENTIALS - 64 PITCH

Oil Impregnated ▪ Bronze Bearing Unit ▪ 3/16" Shaft



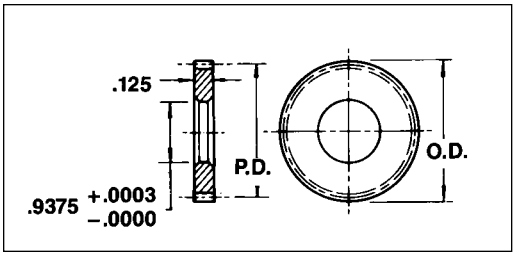
Differential Data			Part No.
Max. Torque Oz. In.	Max. Rec. Speed RPM	Max. Backlash Minutes	
60	600	15	V11

Special Lengths Available, Consult Factory.

Material: Stainless Steel
with 2024-T4 Aluminum (Black Anodized) Spider Gear
Oil-Impregnated Bronze Bearings (See AM Series)

DIFFERENTIAL END GEARS - 64 PITCH — 20° Pressure Angle

AGMA Quality No. 12



Material: 303 Stainless Steel or
2024-T4 Aluminum (Anodized Before Cutting)

Gear Data			Stainless Steel Part No.	Aluminum Part No.
No. Teeth	+.0000 −.0007 P.D.	+.0000 −.0015 O.D.		
72	1.1250	1.156	V5-1	V6-1
80	1.2500	1.281	V5-2	V6-2
82	1.2812	1.312	V5-3	V6-3
90	1.4062	1.438	V5-4	V6-4
96	1.5000	1.531	V5-5	V6-5
100	1.5625	1.594	V5-6	V6-6
110	1.7187	1.750	V5-7	V6-7
120	1.8750	1.906	V5-8	V6-8
130	2.0312	2.063	V5-9	V6-9
140	2.1875	2.219	V5-10	V6-10
144	2.2500	2.281	V5-11	V6-11
150	2.3437	2.375	V5-12	V6-12
160	2.5000	2.531	V5-13	V6-13

Special End Gears Available, Consult Factory.