

AGMA 10  
 RIGHT-HAND  
 SINGLE, DOUBLE & QUADRUPLE THREAD  
 1/8, 3/16 & 1/4 BORE  
 14-1/2° PRESSURE ANGLE

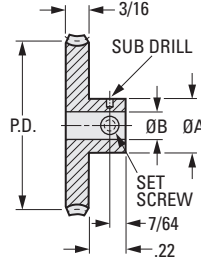
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**> MATERIAL:**

**Worm Gears** - Bronze QQ-B-637 Alloy 464  
**Worms** - 303 Stainless Steel

Available on special order:  
 Worm Gears - Teeth not listed, different bore sizes, clamp type hub.  
 Worms - Different bore size and/or material, passivation for Stainless Steel.



**Worm Gear**



**> WORM GEARS**

B Bore +.0005 -.0000	A Dia.	Screw Size
.1248	.312	#2-56
.1873	.375	#4-40
.2498	.500	#6-32

$$\text{Speed Ratio} = \frac{\text{No. Teeth}}{\text{No. Threads}}$$

**INCH COMPONENT CATALOG NUMBER**

**S1C8**  **Z** - **P064B**

**B Bore Size**  
 .1248 Bore **3**  
 .1873 Bore **4**  
 .2498 Bore **6**

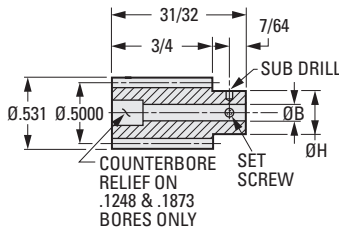
**No. of  
Teeth  
Code**

**Thread Code**  
 Single **S**  
 Double **D**  
 Quadruple **Q**

No. of Teeth Code	No. of Teeth	P.D.
040	40	.6250
045	45	.7031
050	50	.7813
055	55	.8594
060	60	.9375
065	65	1.0156
070	70	1.0938
075	75	1.1719
080	80	1.2500

No. of Teeth Code	No. of Teeth	P.D.
085	85	1.3281
090	90	1.4063
095	95	1.4844
100	100	1.5625
105	105	1.6406
110	110	1.7187
115	115	1.7969
120	120	1.8750
*180	180	2.8125
*360	360	5.6250

Example: S1C8Z-P064B060S is a .2498 in. Bore Worm Gear with 60 Teeth, Single Threaded.



**Worm**

\* Available with .2498 in. bores only.



**> WORMS**

**INCH COMPONENT**

Catalog Number	B Bore +.0005 -.0000	H Dia.	Thread	Lead	Lead Angle	Screw Size
S1D93Z-P064SS	.1248	.312	Single	.04908	1°47'	#2-56
S1D94Z-P064SS	.1873	.375				#4-40
S1D96Z-P064SS	.2498	.437				#6-32
S1D93Z-P064SD	.1248	.312	Double	.09817	3°35'	#2-56
S1D94Z-P064SD	.1873	.375				#4-40
S1D96Z-P064SD	.2498	.437				#6-32
S1D93Z-P064SQ	.1248	.312	Quadruple	.19635	7°7.5'	#2-56
S1D94Z-P064SQ	.1873	.375				#4-40
S1D96Z-P064SQ	.2498	.437				#6-32

