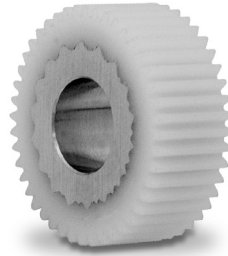
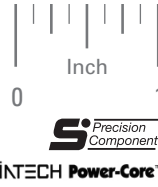


HUBLESS COMPOSITE SPUR GEARS • 48 PITCH



AGMA 9
1/4 & 3/8 FACE
3/8 & 1/2 BORE
20° PRESSURE ANGLE

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM



> MATERIAL:

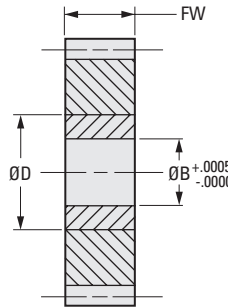
Gear - Cast Nylon 12 (PA12G)
Knurled Core - 303 Stainless Steel

> FEATURES:

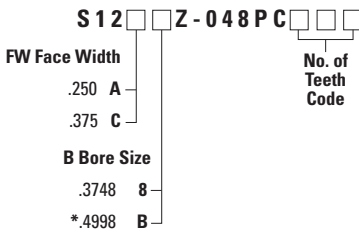
- Self-lubricating
- Quiet operation
- Precision hobbed & machined
- Integral metal core
- Dimensionally stable against moisture
- High torque transmission
- Lightweight
- Shock-absorbent
- Non-corrodible

Other face widths, number of teeth, bore diameters and Carbon Steel core available on special order.

See pages 1-97 thru 1-99 for technical data on Power-Core™ material.



INCH COMPONENT CATALOG NUMBER



* Only available with 64 to 192 teeth
Example:
S12A8Z-048PC096 is a .250 Face, .3748 Bore, 48 Pitch Hubless Spur Gear with 96 Teeth.

No. of Teeth Code	No. of Teeth	P.D.	O.D.	D Core Dia.
044	44	.9167	.958	
048	48	1.0000	1.042	.630
050	50	1.0417	1.083	
056	56	1.1667	1.208	
060	60	1.2500	1.292	.787
064	64	1.3333	1.375	
072	72	1.5000	1.542	
080	80	1.6667	1.708	.984
084	84	1.7500	1.912	
090	90	1.8750	1.917	
096	96	2.0000	2.042	
100	100	2.0833	2.125	1.181
108	108	2.2500	2.292	
120	120	2.5000	2.542	1.378
132	132	2.7500	2.792	
144	144	3.0000	3.042	1.575
156	156	3.2500	3.292	
168	168	3.5000	3.542	
180	180	3.7500	3.792	
192	192	4.0000	4.042	1.772

1-100
D820

REVISED:
6/5/23

