

External Data 4.7000 - 2 ACME - General Purpose

<u>Major Diameter</u>				<u>Pitch Diameter</u>		<u>Minor Diameter</u>		<u>Measurement Over Wires</u>	
<u>Class</u>	<u>Max</u>	<u>Min</u>	<u>Mean</u>	<u>Max</u>	<u>Min</u>	<u>Max</u>	<u>Min</u>	<u>Max</u>	<u>Min</u>
2G	4.7000	4.6750	4.6875	4.4327	4.3984	4.1800	4.1287	4.7553	4.7211
4G	4.7000	4.6750	4.6875	4.4413	4.4299	4.1800	4.1629	4.7640	4.7526

<u>Height</u>			<u>Radii</u>		<u>Max Wire</u>	<u>Min Wire</u>	<u>Best Wire</u>	<u>Actual Wire</u>	<u>Constant</u>
<u>Flat at Crest</u>	<u>Crest</u>	<u>Root</u>							
.2500	.1853	--	--		.32501	.24363	.25805	.25805	.32263

Internal Data 4.7000 - 2 ACME - General Purpose

<u>Minor Diameter</u>				<u>Pitch Diameter</u>		<u>Major Diameter</u>		<u>Height</u>	<u>Flat at Crest</u>
<u>Class</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Min</u>	<u>Max</u>	<u>Min</u>	<u>Max</u>		
2G	4.2000	4.2250	4.2125	4.4500	4.4842	4.7200	4.7400	.2500	.1853
4G	4.2000	4.2250	4.2125	4.4500	4.4614	4.7200	4.7400		

Percent Thread

No Data

Tap Drill Guide (Cut Tap)

3 1/2	-----	3.5000
3 5/8	-----	3.6250
3 3/4	-----	3.7500
3 7/8	-----	3.8750
4	-----	4.0000
4 1/4	-----	4.2500
4 3/8	-----	4.3750
4 1/2	-----	4.5000
4 5/8	-----	4.6250
4 3/4	-----	4.7500

General Info

ACME General Purpose Series
 2G = medium fit external
 4G = close fit external
 2G = medium fit internal
 4G = close fit internal
 thread profile included angle = 29°
 pitch diameter changes .0080 with
 each .0010 of plating buildup

Pitch and Lead Info

Starts = 1
 Pitch = .5000
 Lead = .5000
 Lead Angle = 2.0523

Inch Display