

Express Software Production
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ThreadSpecs 3 Version 1.01.1013

External 0.5000- 20 UNF-2A

	MAX	MIN	TOL
Major Diameter :	0.4987	0.4906	0.0081
Pitch Diameter :	0.4662	0.4619	0.0043
Minor Diameter :	0.4446		

Allowance: 0.0013

Lead Angle : 1°57'19"

Wire : 0.028868 Constant : 0.043301 MOW (@max PD) : 0.509501

Internal 0.5000- 20 UNF-2B

	MIN	MAX	TOL
Major Diameter :	0.5000		
Pitch Diameter :	0.4675	0.4731	0.0056
Minor Diameter :	0.4460	0.4570	0.0110

Lead Angle : 1°56'59"

Ball : 0.028868 Constant : 0.043301 MUB (@min PD) : 0.424199

Reference: **ASME B1.1-2003**
Dimensions are shown in **inch.**