



# TWO-PIECE SPLITNUT SNS SERIES - 16 TPI

Mechanical Self-Locking

whittet-higgins company

### Benefits & Characteristics:

- Self-locking
- Assembles onto shaft without removing other existing power transmission components
- Provides finer adjustment and preloading in larger diameters
- Finer thread pitch provides greater axial loading capacity
- Splitnut design provides increased assembly holding power
- Tangential (X-Axis) access to locking and adjusting of assembly
- Easier and faster to install than traditional locknut and lockwasher
- Eliminates the need for cutting or repairing shaft keyway
- Does not damage shaft threads when secured
- Black oxide coating with wax finish to prevent corrosion
- Manufactured in USA and RoHS Compliant

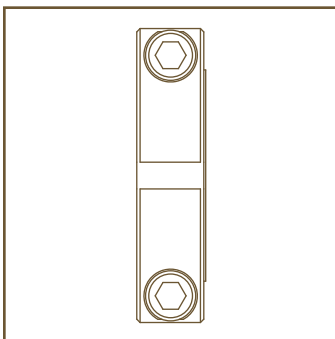
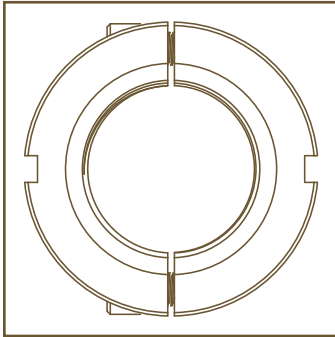
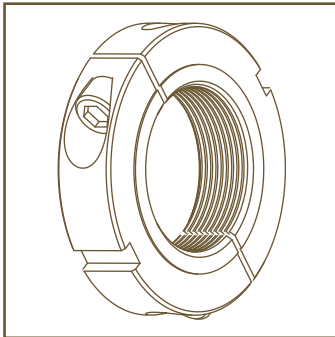
### Applications:

- Lower-speed, non-balanced assemblies
- Linear ball screws and linear actuators
- Off-road equipment and machinery
- Mining and mineral extraction equipment
- Pump, paper and steel mill rolls

Max Operating Temperature: 300 Deg F

### Materials:

Base Threaded Nut - Carbon Steel  
Fastener - Hardened Alloy



Part Number	Thread	Max. Outside Diameter (mm)	Max. Face Diameter (mm)	Max. Width (mm)	Theoretical Axial Max. (kN)	Socket Head Cap Screw	Suggested Torque (N-m)
SNS14-16	0.875-16	1.625	1.188	0.500	11300	1/4-28	150
SNS16-16	1.000-16	1.750	1.313	0.500	12200	1/4-28	150
SNS18-16	1.125-16	1.875	1.438	0.500	13100	1/4-28	150
SNS20-16	1.250-16	2.063	1.625	0.500	14300	1/4-28	150
SNS22-16	1.375-16	2.250	1.719	0.563	17600	1/4-28	150
SNS24-16	1.500-16	2.375	1.844	0.563	18400	1/4-28	150
SNS26-16	1.625-16	2.750	1.969	0.625	22500	5/16-24	260
SNS28-16	1.750-16	2.750	2.219	0.625	23700	5/16-24	260
SNS30-16	1.875-16	2.875	2.344	0.625	24500	5/16-24	260
SNS32-16	2.000-16	3.000	2.469	0.625	25300	5/16-24	260
SNS36-16	2.250-16	3.250	2.719	0.625	26700	5/16-24	260
SNS40-16	2.500-16	3.500	2.969	0.625	27900	5/16-24	260
SNS44-16	2.750-16	3.750	3.219	0.625	28900	5/16-24	260
SNS48-16	3.000-16	4.000	3.469	0.625	29900	5/16-24	260

Thread to Face Runout Specifications Available on Page X16

For installation instructions, warranty information, thread specifications and disclaimer information please visit us at [www.whittet-higgins.com](http://www.whittet-higgins.com)

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# TWO-PIECE SPLITNUT SNS SERIES - STAINLESS

Mechanical Self-Locking



whittet-higgins company

## Benefits & Characteristics:

- Self-locking
- Corrosion resistant stainless steel
- Assembles onto shaft without removing other existing power transmission components
- Provides finer adjustment and preloading in larger diameters
- Finer thread pitch provides greater axial loading capacity
- Splitnut design provides increased assembly holding power
- Tangential (X-Axis) access to locking and adjusting of assembly
- Easier and faster to install than traditional locknut and lockwasher
- Eliminates the need for cutting or repairing shaft keyway
- Does not damage shaft threads when secured
- Manufactured in USA and RoHS Compliant

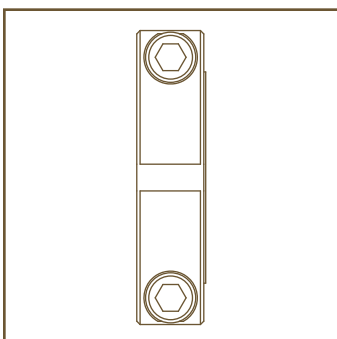
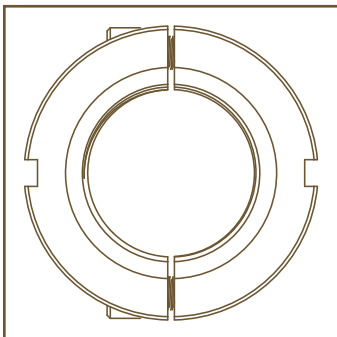
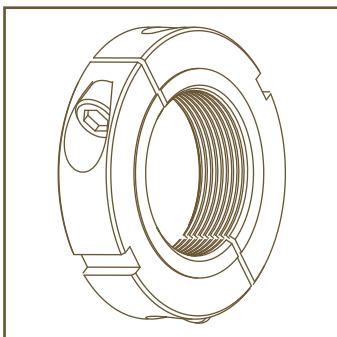
## Applications:

- Corrosive environments
- Lower-speed, non-balanced assemblies
- Linear ball screws and linear actuators
- Off-road equipment and machinery
- Pump, paper and steel mill rolls

Max Operating Temperature: 300 Deg F

## Materials:

Base Threaded Nut - Stainless Steel  
Fastener - Stainless Steel



Part Number	Thread	Max. Outside Diameter (mm)	Max. Face Diameter (mm)	Max. Width (mm)	Theoretical Axial Max. (kN)	Socket Head Cap Screw	Suggested Torque (N-m)
SNS14-16S	0.875-16	1.625	1.188	0.500	9000	1/4-28	150
SNS16-16S	1.000-16	1.750	1.313	0.500	9700	1/4-28	150
SNS18-16S	1.125-16	1.875	1.438	0.500	10500	1/4-28	150
SNS20-16S	1.250-16	2.063	1.625	0.500	11400	1/4-28	150
SNS22-16S	1.375-16	2.250	1.719	0.563	14000	1/4-28	150
SNS24-16S	1.500-16	2.375	1.844	0.563	14700	1/4-28	150
SNS26-16S	1.625-16	2.750	1.969	0.625	18000	5/16-24	260
SNS28-16S	1.750-16	2.750	2.219	0.625	18900	5/16-24	260
SNS30-16S	1.875-16	2.875	2.344	0.625	19600	5/16-24	260
SNS32-16S	2.000-16	3.000	2.469	0.625	20100	5/16-24	260
SNS36-16S	2.250-16	3.250	2.719	0.625	21400	5/16-24	260
SNS40-16S	2.500-16	3.500	2.969	0.625	22200	5/16-24	260
SNS44-16S	2.750-16	3.750	3.219	0.625	23100	5/16-24	260
SNS48-16S	3.000-16	4.000	3.469	0.625	23900	5/16-24	260

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