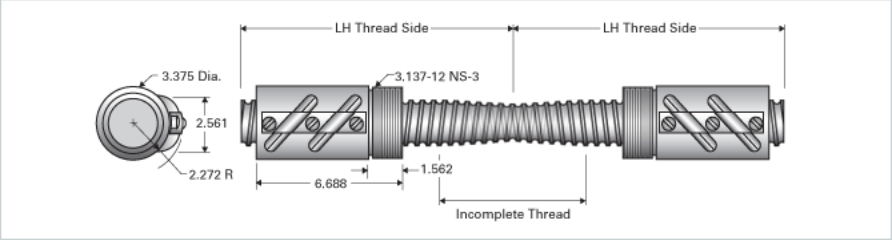
Product Specification Sheet

PowerTrac 2250 - 0500 SRT TA, with SBN Ball Nuts, Double

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerTrac 2250 - 0500 SRT TA, with SBN Ball Nuts, Double

2D/3D CAD ONLINE



Inch Twin-Lead Ball Screw	
(Twin-Lead Screw)Product Info	
Screw Code	2250-0500 SRT TA
Precision	SRT
Screw Material	4150
Thread Direction	RH/LH
(Twin-Lead Screw)Details	
Ball Circle Diameter [in]	2.250
Lead [in]	0.500
Root Diameter [in]	1.850
Incomplete Overlapping Thread Length [in]	5.00
Maximum Overall Length [in]	192
Maximum Useable LH & RH Thread [in]	93.50
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	45
End Code for Type 4 [* Journals may show tracings of the thread]	28
(Twin-Lead Screw)Weight	
Screw Weight [lb./ft.]	10.90
(Twin-Lead Screw)Performance Specifications	
Lead Accuracy +/- [in./ft.]	0.004
Inch Ball Nut, for SRT, Standard Accuracy, No Preload, SBN, Standard	
(Nut)Product Info	
Ball Nut Number	SBN10075
Thread Direction	LH
(Nut)Details	
Ball Circle Diameter [in]	2.250
Lead [in]	0.500
Nominal Ball Diameter [in]	0.375
Root diameter [in]	1.850
(Nut)Dimensions	
A [in]	6.688
(Nut)Forces and Torques	
Torque to Raise 1 lb. [in-lb]	0.088
(Nut)Flange Part Numbers	
Flange Part Number	FLG7574
(Nut)Wiper Part Numbers	
Wiper Kit Part Number	WKF0456
Wiper Kit Felt Part Number	
(Nut)Weight	
Nut Weight [lb]	9.00
(Nut)Performance Specifications	
Lead Accuracy +/- [in./ft.]	0.004
Maximum Adjustable Preload [lb]	
Spring Rate x 10⁶ [lb./in.]	
Dynamic Load [lb]	21306
Static Load [lb]	142660
(Nut on Other Side)Product Info	
Ball Nut Number	SBN10074
Thread Direction	RH
(Nut on Other Side)Details	
Ball Circle Diameter [in]	2.250
Lead [in]	0.500
Nominal Ball Diameter [in]	0.375
Root diameter [in]	1.850
(Nut on Other Side)Dimensions	
A [in]	6.688
(Nut on Other Side)Forces and Torques	
Torque to Raise 1 lb. [in-lb]	0.088
(Nut on Other Side)Flange Part Numbers	
Flange Part Number	FLG7574
(Nut on Other Side)Wiper Part Numbers	
Wiper Kit Part Number	WKB2659

Wiper Kit Felt Part Number	
(Nut on Other Side)Weight	
Nut Weight [lb]	9.00
(Nut on Other Side)Performance Specifications	
Lead Accuracy +/- [in./ft.]	0.004
Maximum Adjustable Preload [lb]	
Spring Rate x 10⁶ [lb./in.]	
Dynamic Load [lb]	21306
Static Load [lb]	142660