

## **KEY-REX STRUCTURAL NUT**

MEETING REQUIREMENTS IN POWER, BRIDGE, PIPELINE, NUCLEAR, MILITARY APPLICATIONS



#### INCORPORATING MULTIPLE LAYERS OF THEFT PREVENTION TECHNOLOGY

Each can stop theft on its own.



### 1. HARDENED SHROUD SPINS WHEN ATTACKED BY WRENCHES



#### 2. SECURITY CAP HOLES ARE AN ASYMMETRICAL PUZZLE

EACH CUSTOMER HAS A DIFFERENT HOLE PATTERN

ALL PINS ON THE BACK OF THE INSTALLATION TOOL MUST LINE UP TO REMOVE THE SECURITY CAP



#### 3. KEY-REX PROTECTOR NUT HAS BILLIONS OF KEYED VARIATIONS.

EACH CUSTOMER RECEIVES THEIR OWN UNIQUE LICENSED KEY CODE THAT NO ONE ELSE HAS.



4. PATENTED KEY-REX KEYWAYS HAVE LOBES THAT ARE SHALLOW, TWISTING, AND TAPERED; REQUIRING A PERFECTLY MATCHED KEY TO REMOVE.

Imperfect unauthorized tools cannot dislodge "protector nut"



#### 5. PATENTED STYKFIT® TECHNOLOGY PROVIDES HIGH TORQUE

ONLY THE PERFECTLY MATCHED BIT CAN MAINTAIN COMPLETE CONTACT WITH THE NUT UNDER TORQUE, INSURING IT IS THE ONLY REMOVAL TOOL.



# 6. INSTALLATION TOOL USES PATENTED AND TRADE SECRETED TECHNOLOGIES, ONLY FOUND AT THE BRYCE FACTORY.

MACHINE SHOPS CANNOT MAKE A COUNTERFEIT

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	DTRUCTURAL BOLTING		ST	FAS	TENE	RS FO	DR US	E IN	5		Draft	Revision 18.2.6 2003		Draft F B1	ME tevision 8.2.6 003	
							<u>Z/ M</u>	HE 2 A	- See N	TE 2 A	1			and 7 beats fats. Widt used nuts have page	(7) Thread cordance w A-33. Wh over 1 in. in (8) Dimen the followin a M-11, to 1 Charac	actual n shall be i-from-bi ats, pert ds. Thre inth ASM en spec n diame nsional ng chara the insp cteristic
1	Table 2 Dimensions of Heavy					a below	Nuts fr	or Use wi	ith Strue	ctural B	rut of	Width across comen Thickness Visual				
	Kominal Sos or Easic Maior Diamatar					-	-	-			Bearing				Introductor	
							Across	Thickness			Heavy Hex Nuts Specified Proof Load					
		Trnad									Under 150,000	150,000 Dsi and			cular to the	
		0.5000	Nominal 78	Max 0.675	Min 0.850	Max 1.010	Min 0.969	Nominal 31/64	Max 0.504	Min	psi	Greater			Table 2	
	12 58	0.6250	15-5/1E	1.002	1.091	1.227	1.175	39/64	0.631	0.464 0.587	0.023	0.016			ominal ba	
	34	0.7500	5.54	1.250	1212	1,443	1.382	47.64 55/64	0.758	0.710 0.833	0.027	0.020			ercially	
	1	1.0000	1-58	1.825	1.575	1,876	1.796	53/54	1.012	0.833	0.029	0.022		W	idth acro	iss fla
	518 514	1.1250	5-10-16	1.812 2.000	1,756	2.093	2.002	1-7/64	1.139	1.079	0.033	0.024		2	.2 Ni	ut Thi
	1-38	1,1750	2-316	2.388	2,119	2.309 2.526	2.209	1-7/32	1.215	1.187	0.035	0.030		3		at the
	1-52	1.5000	2-36	2.375	2,390	2.742	2.622	1-15/32	1.505	1.433	0.038	0.033			Th	ne nut
	See hotes	1 1	1	-6-		4	-					2		t	ance me	asure
NOTES TO TABLE 2 INCIDENT CONTRACTOR IN Section 2. Comprises table and the SE2.2. Source with the Machine 2. Comprises table and the SE2.2. Source with the Machine 2. Comprises table and the SE2.2. Source and the Machine 2. Comprises table and the SE2.2. Source and the Machine 2. Comprises table and the SE2.2. Source and the Machine 2. Comprises table and the SE2.2. Source and the Machine 2. Comprises table and the SE2.2. Source and the Machine 2. Comprises table and the SE2.2. Source and the Machine 2. Comprises table and the SE2.2. Source 2. Comprises table 2. Comprises table and the SE2. The Machine Comprises table and SE3 of the minimum whether and the Section 2. Comprises table 2. Section 2. Comprises table and the Section 2. Comprises table 2. Section 2. Comprises table and the Section 2. Comprises table 2. Section 2. Comprises table and the Section 2. Comprises table 2. Section 2. Comprises table and the Section 2. Section 2. Comprises table 2. Section 2. Comprises table 2. Section 2.								fec, shall be perpendicular to the axis of the threadsh hik within the total monut (FM) tabulated for the respective not ize. type, and strength level. <b>Pation of Hexagon to Tapped Hole.</b> At mask mark and the total to the total total total and the total total total total total and the total total total total and the total total total and total total and total total and total total and total be and total be						3		Inde the Index Ind
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### EACH NUT EXCEEDS STRUCTURAL REQUIREMENTS OF ASTM A325-1

NUT IS ALLOY STEEL HARDENED ABOVE 50 RC.

Corrosion resisting coating is usually added: Dip spin is recommended but can be coated as customer chooses.