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<u>.</u>R11



GENERAL NOTES:	 Head edge out of roundness shall not exceed "F". Concentricity: Conical surface of head to "D" diameter within .003 FIM. 	SPECIFICATION:	HI-LOK™ Product Specification 409. ASTER™ Recess per A5L-QA02.
	 3 "H" is dimensioned from maximum "D" diameter. 4. Dimensions are in inches and to be met after finish. 		
2	 4. Dimensions are in incress and to be met after finish. 5. Surface texture per ASME B46.1. 6. Hole preparation per NAS618. 	CODE:	of the pin which HLR111 oversize pin replaces.
	7 Curved or flat edge manufacturer's option.		Second dash number indicates maximum grip in 1/16ths. See Finish note for explanation of code letters.
	8 US patent 6632057; other US & foreign patents granted and pending property of LISI AEROSPACE.	HOW TO ORDER	Pin Part Number
	Oversize replacement replacement for HLR11. Use HLR411 for oversize replacement.		HLR111 NKJ 8-8
6	10 Broach petals removed. 11 Identification colorant is not allowed in the ASTER™ Recess.		8/16 or 1/2 Maximum Grip Length
-			Kinish Code
MATERIAL:	6AI-4V titanium alloy per AMS4928 or AMS4967.		Pin Basic Part Number
HEAT TREAT:	160,000 psi tensile minimum (95,000 psi shear minimum). ②		
FINISH:	HLR111NKJ()-() = HI-KOTE [™] 1 NC aluminum pigmented coating per Hi-Shear Spec. 294 with color silver on thread end and cetyl alcohol lube per Hi-Shear Spec. 39	05.	
	HLR111NKK()-() = Sulfuric acid anodizing per ISO8080 and HI-KOTE™ 1 NC aluminum pigm coating per Hi-Shear Spec. 294 on threads only with color silver on thread and cetyl alcohol lube per Hi-Shear Spec. 305.	ented end	
HLR111NKL()-() = HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear Spec. 294 o with color silver on thread end and cetyl alcohol lube per Hi-Shear Spec.		threads only 5.	

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DRAWING NUMBER

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