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HLR411

GENERAL NOTES:	 Head edge out of roundness shall not exceed "F". Concentricity: Conical surface of head to "D" diameter within .003 FIM. "H" is dimensioned from maximum "D" diameter. 	SPECIFICATION:	HI-LOK™ Product Specification 409. ASTER™ Recess per A5L-QA02.
	 4. Dimensions are in inches and to be met after finish. (2) 5. Surface texture per ASME B46.1. (6) Hole preparation per NAS618. (7) Curved or flat edge manufacturer's option. 	CODE:	First dash number indicates nominal diameter in 1/32nds of the pin which HLR411 oversize pin replaces. Second dash number indicates maximum grip in 1/16ths. See Finish note for explanation of code letters.
	 US patent 6632057; other US & foreign patents granted and pending property of LISI AEROSPACE. Oversize replacement replacement for HLR111. 	HOW TO ORDER	Pin Part Number
	10 Broach petals removed.	② EXAMPLES:	HLR411 NKJ 8-8
MATERIAL:	② 11 Identification colorant is not allowed in the ASTER™ Recess.		8/16 or 1/2 Maximum Grip Length 8/32 or 1/4 Nominal Diameter Pin
MATERIAL:	6AI-4V titanium alloy per AMS4928 or AMS4967.		Finish Code Pin Basic Part Number
HEAT TREAT:	160,000 psi tensile minimum (95,000 psi shear minimum). ②		
FINISH:	HLR411NKJ()-() = HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear S with color silver on thread end and cetyl alcohol lube per Hi-Sl	pec. 294 near Spec. 305.	
	HLR411NKK()-() = Sulfuric acid anodizing per ISO8080 and HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear Spec. 294 on threads only with color silver on thread end and cetyl alcohol lube per Hi-Shear Spec. 305.		
	HLR411NKL()-() = HI-KOTE [™] 1 NC aluminum pigmented coating per Hi-Shear S with color silver on thread end and cetyl alcohol lube per Hi-She	pec. 294 on threads only ear Spec. 305.	
			DRAWING NUMBER
			HLR411
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