



HLR11

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. Dimensions are in inches and to be met after finish. S. Surface texture per ASME B46.1. Hole preparation per NAS618. Curved or flat edge manufacturer's option. US patent 6632057; other US & foreign patents granted and pending property of LISI AEROSPACE. Use HLR111 for oversize replacement. Broach petals removed. [1] Identification colorant is not allowed in the ASTER™ Recess. 	SPECIFICATION: CODE: HOW TO ORDER ② EXAMPLES:	HI-LOK [™] Product Specification 409. ASTER [™] Recess per A5L-QA02. First dash number indicates nominal dia Second dash number indicates maximul See Finish note for explanation of code Pin Part Number HLR11 NKJ 8-8 B/16 or 1/2 Maximum G	n grip in 1/16ths. letters. irip Length
MATERIAL:	6AI-4V titanium alloy per AMS4928 or AMS4967.		└── 8/32 or 1/4 Nominal Dia └─── Finish Code └──── Pin Basic Part Number	
HEAT TREAT:	160,000 psi tensile minimum (95,000 psi shear minimum).			
FINISH:	HLR11NKJ()-() = 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. 305 HLR11NKK()-() = Sulfuric acid anodizing per ISO8080 and HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear Spec. 294 on threads only with color silver or thread end and cetyl alcohol lube per Hi-Shear Spec. 305.			
	HLR11NKL()-() = 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-Shea Spec. 305.	r		
				DRAWING NUMBER

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