



Preferred Parts

Number:	J-040
Date Issued:	A-DEC05

HEADED PINS (Superseded)

This standard has been superseded by CNH Standard Parts, STPJ170 (87366806), Headed Pins - Inch - Non-Preferred

The controlled versions of CNH specifications and standards are published on the CNH Intranet site.

The documents are also available on the CNH electronic viewing system (e.g. eViewer). Suppliers are able to access these documents on CSCN (CNH Supplier Communications Network).

The superseded standard remains available for viewing following this page if needed.

Supersedes Issue: J-040	Dated: APR 94	Page: 1 of 3
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GENERAL SPECIFICATIONS

GENERAL: Headed pins covered in this standard are cold headed, hot headed or quenched and tempered and should not be confused with clevis pins on page J-015.

PREFERRED PARTS POLICY: Preferred parts are so designated to reduce variety of parts and assure maximum availability, interchangeability and cost savings in volume buying.

Material and Finish: Grade 2 or 5, Drilled, Zinc w/Chromate (ZND)
Diameters: 1/4, 5/16, 3/8, 1/2, 5/8, 3/4 and 1 inch
Lengths: 1/4 inch increments

SERVICE PARTS SUBSTITUTION POLICY: In the event that engineering does not indicate a "Do not substitute" in engineering specifications, the following substitutions may be implemented in service.

Headed Pins

Grade 2, Plain (PLN)	Grade 5, Zinc with Chromate (ZND) or Grade 2 Zinc with Chromate (ZND) (if Grade 5 equivalent is not set up for service).
Grade 2, Zinc with Chromate (ZND)	Grade 5, Zinc with Chromate (ZND)
Grade 5, Plain (PLN)	Grade 5, Zinc

HEADING REQUIREMENTS: All sizes up to and including 5/8 inch in diameter or lengths less than 6 inches shall be cold headed. All other sizes of pins shall be either cold or hot headed.

MATERIAL: As designated by part number, unheat treated and heat treated pins shall conform to the chemical composition, hardness and heat treatment requirements for bolts per Case Engineering Materials Specification as specified below:

Grade 2	ES-B7002
Grade 5	ES-B7005

FINISHES: As designated by part number, pins shall be furnished plain or plated in accordance with the Case Engineering Materials Specification listed below.

Plain	(PLN)
Zinc with Chromate	(ZND) - MS 201, class 5A

HOLES: Holes drilled in the body of the pin must follow specifications listed on page 2 and the head to hole minimum as designated by part number.

The word "NONE" in the Head to Hole column indicates not drilled.

WORKMANSHIP: Headed pins shall not contain imperfections which affect useability or serviceability such as excessive amounts of burrs, seams, laps, loose scale or irregular surfaces.

Supersedes Issue: J-040	Dated: APR 94	Page: 2 of 3
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Preferred Parts

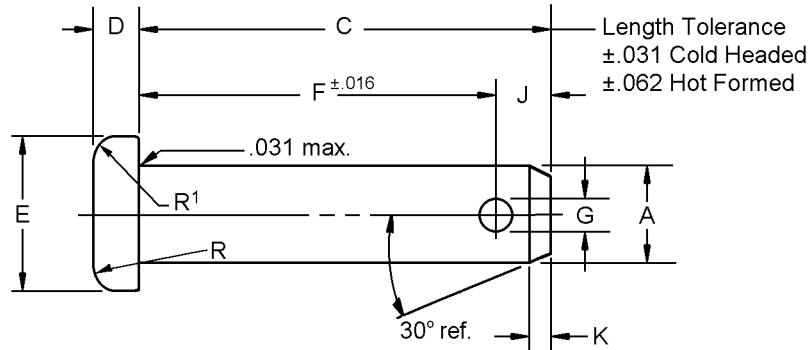
Number:

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HEADED PINS

(Superseded)

Nominal Diameter	Body Diameter				E	D	R and R ¹		G	J	K
	Cold Headed Up to 6" Long Incl.		Hot Formed Over 6" Long		Dia of Head ± .015	Height of Head ± .015	Radius of Head		Pin Hole		30E Die Point Length
	A		A						Drill Size +.016 -.000	Ref.	
	max.	min.	max.	min.			R	R ¹			max.
0.250	.250	.244	.250	.240	.375	.093	.790	.077	#28 or .141	.141	.06
0.312	.312	.305	.312	.302	.469	.117	.967	.089			
0.375	.375	.367	.375	.363	.562	.140	1.185	.101			
*0.437	.437	.428	.437	.425	.656	.164	1.382	.113	#7 or .203	.203	.125
0.500	.500	.490	.500	.486	.750	.187	1.580	.125			
*0.562	.562	.552	.562	.548	.844	.210	1.777	.136			
0.625	.625	.615	.625	.611	.938	.234	1.975	.148			
*0.687			.687	.671	1.031	.258	2.172	.160	.266	.266	.156
0.750			.750	.734	1.125	.281	2.370	.172			
*0.875			.875	.859	1.312	.328	2.765	.195			
1.000			1.000	.982	1.500	.375	3.160	.219			
1.250			1.250	1.232	1.875	.469	3.950	.265	.328	.390	.250

* Non-preferred

Supersedes Issue:

J-040

Dated:

APR 94

Page:

3 of 3