

Tool & Product Update

Pin Position - Swage Gage

<u>Gage No.</u>	<u>Pin/collar Combination</u>	<u>Description</u>
HG34D-	NAS2205V/2332V	NAS1080- NAS1080AT NAS1080UG NAS1080MG Ti, tension pin Alum; monel; CRES collar Stump (pin position-swage)
	NAS1486/1502 NAS6925/6932	NAS1080- NAS1080AT NAS1080R NAS1080UG NAS1080MG NAS1080UK NAS1080MK Alloy stl, tension pin Alum; steel; CRES; monel collar Stump (pin position-swage)
	NAS1546/1562 NAS6915/6922	NAS1080D Alum, tension pin Alum collar Stump (pin position- swage)
HG75-	NAS2605V/2712V	NAS1080C NAS1080G NAS1080AG NAS1080UG NAS1080MG NAS1080UK NAS1080MK Ti, shear pin Alum;CRES; monel collar Stump (pin position-swage)
	NAS1414/1432 NAS6974/6992	NAS1080C NAS1080G NAS1080AG NAS1080E NAS1080UG NAS1080MG NAS1080UK NAS1080MK Alloy stl; CRES, shear pin Alum; steel; CRES; monel collar Stump (pin position-swage)

1. Specific gage data for all gages is defined in NAS1080 2. N/R indicates not released

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HG76-	NAS2406V/2512V	NAS1080C	Ti, shear pin
		NAS1080G	Alum collar
		NAS1080AG	Pull (pin position only)
	NAS1436/1452	NAS1080C	Alloy stl, shear pin
	NAS1080G	Alum collar	
	NAS1080AG	Pull (pin position only)	
	NAS1080E		
HG77-	NAS2406V/2512V	NAS1080C	Ti, shear pin
		NAS1080G	Alum collar
		NAS1080AG	Pull (pin position-swage)
	NAS1436/1452	NAS1080C	Alloy stl, shear pin
	NAS1080G	Alum collar	
	NAS1080AG	Pull (pin position-swage)	
	NAS1080E		
HG85-	NAS2005V/2132V	NAS1080-	Ti, tension pin
			Alum; CRES collar
			Pull (pin position-swage)
		NAS1080P	
		NAS1080AP	
		NAS1080AT	
	NAS1080UG		
	NAS1080UK		
	NAS1456/1482	NAS1080-	Alloy stl; CRES, tension pin
		NAS1080P	Alum; stl, monel; CRES collar
		NAS1080R	Pull (pin position-swage)
		NAS1080AP	
		NAS1080AT	
NAS1080UG			
NAS1080MG			
NAS1080UK			
NAS1080MK			
NAS1516/1542	NAS1080D	Alum, tension pin	
		Alum collar	
		Pull (pin position-swage)	

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HG90-	NAS7004/7042	NAS1080K
	NAS1080UK	NAS1080MK
HG91-	NAS4450S/4452S	KN-2C (NAS4445DD)
	NAS4450V/4452V	KN-2C (NAS4445DD)
HG93-	NAS4458S/4466S	KN-EU OKN-EU (NAS4445C)
	NAS4450H/4452H	KN-EU OKN-EU (NAS4445C)
HG99-	GPL3S()V/2SC-3C	GP Ti, shear pin Alum collar Pull (pin position-swage)
HG100-	GPL8T()V/2TC-C	GP Ti, tension pin Alum collar Pull (pin position-swage)
HG104-	GPL3S() (DT/EU)/2SC-C	GP (DT/EU), tension pin Alum collar Pull (pin position-swage)
HG105-	GPL8T() (DT/EU)/2TC-C	GP (DT/EU), tension pin Alum collar Pull (pin position-swage)
HG106-	GPS4T()V/6T()V/8T()V/2TC-C()D Douglas A/C Co.	GP Ti, tension pin Alum collar Stump (pin position-swage) NO OVERLAP

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HG107-	GPS8T()V06, 08, 10/2TC-C DRIVMATIC	GP Ti, tension pin Alum collar Stump (pin position-swage)
HG108-	GPS3S() (DT/EU) 05, 06, 08/2SC-3C DRIVMATIC	GP (DT/EU), shear pin Alum collar Stump (pin position-swage)
HG109-	GPS8T() (DT/EU)/2TC-C DRIVMATIC	GP (DT/EU), shear pin Alum collar Stump (pin position-swage)
HG110-	LGPL2S()V/3SLC-C	GP Ti, shear pin Alum collar Pull (pin position-swage)
HG111-	(open, not assigned)	
HG112-05-	NAS7005/7015 NAS7025/7035	NAS1080K NAS1080UK NAS1080MK Alloy stl; CRES, shear/tension pin Alum; monel; CRES collars Pull (pin position-swage)
HG113-	LGPS2S()V/3SLC-C	LGP Ti, shear pin Alum collar Stump (pin position-swage)
HG114-	(open, not assigned)	
HG115-	MGPL()TX04, 05, 06/M2TC-C	Metric GP Ti, tension pin Alum collar Pull (pin position-swage)
HG116-	MGPL()DT/M2TC-C	Metric GP stl, tension pin Alum collar Pull (pin position-swage)
HG117-	MGPS()TX/M2TC-C	Metric GP Ti, tension pin Alum collar Stump (pin position-swage)

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<u>Gage No.</u>	<u>Pin/collar Combination</u>	<u>Description</u>
HG118-	LGPL (8S/9S) () V () B/SLFC-MV	LGP Ti, shear pin Ti collar Pull (pin position-swage) composite applications
HG119-	LGPS (8S/9S) () V () B/SLFC-MV	LGP Ti, shear pin Ti collar Stump (pin position-swage) composite applications
HG120-	GPS3S () V06, 08, 10/2DC-C (06 & 08) GPS3S () V06, 08, 10/6DC-C (10 & 12)	GP Ti, shear pin Alum collar Stump (pin-swage) 5 deg. angle ASAT - Boeing
HG121-	GPS3S () V06, 08/2DC-C	GP Ti, shear pin Alum collar Stump (pin-swage) 14 deg. angle DRIVMATIC - Boeing
HG122-	LGPL9S () V05A, V06A/SLFCA-C	LGPL Ti, shear pin Alum flange collar Pull (pin position-swage) honeycomb
HG123- N/R	GPL [7T ()/8T ()]CM/2TC-C	GP inconel, tension pin Alum collar Pull (pin position-swage)
HG124-	LGPL2S () -CM/3SLC- C LGPL2S () -CM/3SLC-EU	LGP inconel, shear pin Alum; CRES collar Pull (pin position-swage)
HG125-	GPS3S () V06, V08/2SC-3C DRIVMATIC	GP Ti, shear pin Alum collar Stump (pin position-swage)
HG126-	LGPL2S () (DT/EU)/3SLC-C	LGP stl; CRES, shear pin Alum collar Pull (pin position-swage)

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<u>Gage No.</u>	<u>Pin/collar Combination</u>	<u>Description</u>
HG127- N/R	LGPS3S () (DT/EU)/3SLC-C	LGP stl; CRES; shear pin Alum collar Stump (pin position-swage)
HG128-	NAS1414, 1416, 1432/2DC-C DRIVMATIC	Alloy stl, shear pin Alum collar Stump (pin position-swage)
HG129-	MLGPL () TX04, 05, 06/MSLFCTS DRIVMATIC	Metric LGPL Ti, tension pin Ti flanged collar Pull (pin position-swage) Aerospatiale
HG130- N/R	2GPS8T () V/2TC-EU	Rockwell
HG131-	LGPL9S () V05B, 06, 08/3SLC-C	LGP Ti, shear pin Alum collar Pull (pin position-swage) Gulfstream
HG132-	GPS3S () V06, 08, 10/ 2DC-C6, -C8 ; 6DC-C10	GP Ti, shear pin Alum collar Stump (pin position-swage)
HG133-	CIL8SC-9S () VC06; VC08/CIFC-MV	Ti pin CRES sleeve Ti collar Pull (pin position-swage)
HG134-	GPL7T () EU06, 08, 10, 12/2TCC-M	GP CRES, tension pin Monel collar Pull (pin position-swage)
HG135- N/R	OLGPL2S (0 V/3SLC-C	Oversize LGP Ti, shear pin Alum collar Pull (pin position-swage)
HG136-	(open, not assigned)	

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<u>Gage No.</u>	<u>Pin/collar Combination</u>	<u>Description</u>
HG137-	LGPL [2S () V06/4S () V08]/SLC-M	LGP Ti, shear pin Monel collar Pull (pin position-swage)
HG138- N/R	LGPS [8/9S () V]/3SLC-C	LGP Ti, shear pin Alum collar Stump (pin position-swage)
HG139- N/R	LGPS2S () -CM/3SLC-C	Inconel, shear pin Alum collar Stump (pin position-swage)
HG140-	GPL8T 9 0 V06/FTC-T06	Standard GPL8 2024-T42 flanged collar Pull (pin position-swage)
HG141-	MLGPL22S () V ()/M3SLC-C	Metric LGP; 2mm grip; Ti, shear pin Alum collar Pull (pin position-swage)
HG142-	MGPL28 () V ()/M2TC-C	Metric GP; 2mm grip; Ti, shear pin Alum collar Pull (pin position-swage)
HG143-	MLGPL [28SCV ()/29SPV ()]/ MSFLC-MV	Metric HUCKCOMP; 2mm grip; Ti, tension pin Ti collar Pull (pin position-swage)
HG144-	MLGPL [28V ()/29V ()]/M3SLC-C	Metric HUCKCOMP; 6 groove-2mm grip; Ti, shear pin Alum collar Pull (pin position-swage)
HG145- N/R	MCIL8SCV () /MCIFCMV	Metric HUCKTITE Ti, shear pin CP Ti collar Pull (pin position-swage)

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<u>Gage No.</u>	<u>Pin/collar Combination</u>	<u>Description</u>
HG146-	MLGPL22SPV () /MSLFCMV	Metric LGP Ti, shear pin Alum collar Pull (pin position-swage)
HG147-	LGPL [8/9S ()] V () C-() /SLFC-MV	LGP Ti, shear pin Ti collar Pull (pin position-swage) Composite
HG148-	MLGPS22S () V () /MSLFCMV	Metric LGP Ti, shear pin Alum collar Stump (pin position-swage)
HG149-	LHPL [7SC/8SC] 12SP-V () /SLFC-LV	LHP Ti, shear pin Ti collar Pull (pin position-swage)