

BOMBARDIER

Toronto Site

PROPRIETARY INFORMATION

PPS 2.62

PRODUCTION PROCESS STANDARD

INDEX OF FASTENER SYMBOLS AND CODES

- Issue 15 - This standard supersedes PPS 2.62, Issue 14.
- Vertical lines in the left hand margin indicate changes over the previous issue.
 - Direct PPS related questions to michael.wright@aero.bombardier.com or (416) 375-4365.
 - This PPS is effective as of the distribution date.

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Quality

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1 Scope

- 1.1 This Production Process Standard (PPS) lists and describes the fastener symbol codes used on DASH 8 aircraft and Learjet Model 45 Wing engineering drawings for those types of fasteners which are permanently deformed upon installation and are destroyed upon removal.
 - 1.1.1 This PPS complements the engineering drawings that specify its use as an authorized instruction. The procedure specified in this PPS must be followed to ensure compliance with all applicable specifications. In general, if this PPS conflicts with the engineering drawing, follow the engineering drawing. The requirements specified in this PPS are necessary to fulfil the engineering design and reliability objectives.
 - 1.1.2 Refer to [PPS 13.26](#) for the subcontractor provisions applicable to this PPS.
 - 1.1.3 Procedure or requirements specified in a Bombardier BAPS, MPS, LES or P. Spec. **do not** supersede the procedure or requirements specified in this PPS.

2 Hazardous Materials

- 2.1 Before receipt at Bombardier (Toronto Site), all materials must be approved and assigned Material Safety Data Sheet (MSDS) numbers by the Bombardier (Toronto Site) Environment, Health and Safety Department. Refer to the manufacturer's MSDS for specific safety data on any of the materials specified in this PPS. If the MSDS is not available, contact the Bombardier (Toronto Site) Environment, Health and Safety Department.

3 References

3.1 General

- 3.1.1 Unless a specific issue is indicated, the issue of the reference documents specified in this section in effect at the time of manufacture shall form a part of this specification to the extent indicated herein.

3.2 Bombardier (Toronto Site) Specifications

- 3.2.1 Fastener PPS's as listed in [Table 1](#) and [Table 2](#).
- 3.2.2 [PPS 13.26](#) - General Subcontractor Provisions.

4 Materials and Equipment

4.1 Materials

4.2 Materials as specified in the fastener PPS.

4.3 Equipment

4.4 Equipment as specified in the fastener PPS.

5 Procedure

5.1 The fastener symbol and code is used on engineering drawings to provide a simple, standardized method of defining the fastener type required and the necessary part preparation for assembly.

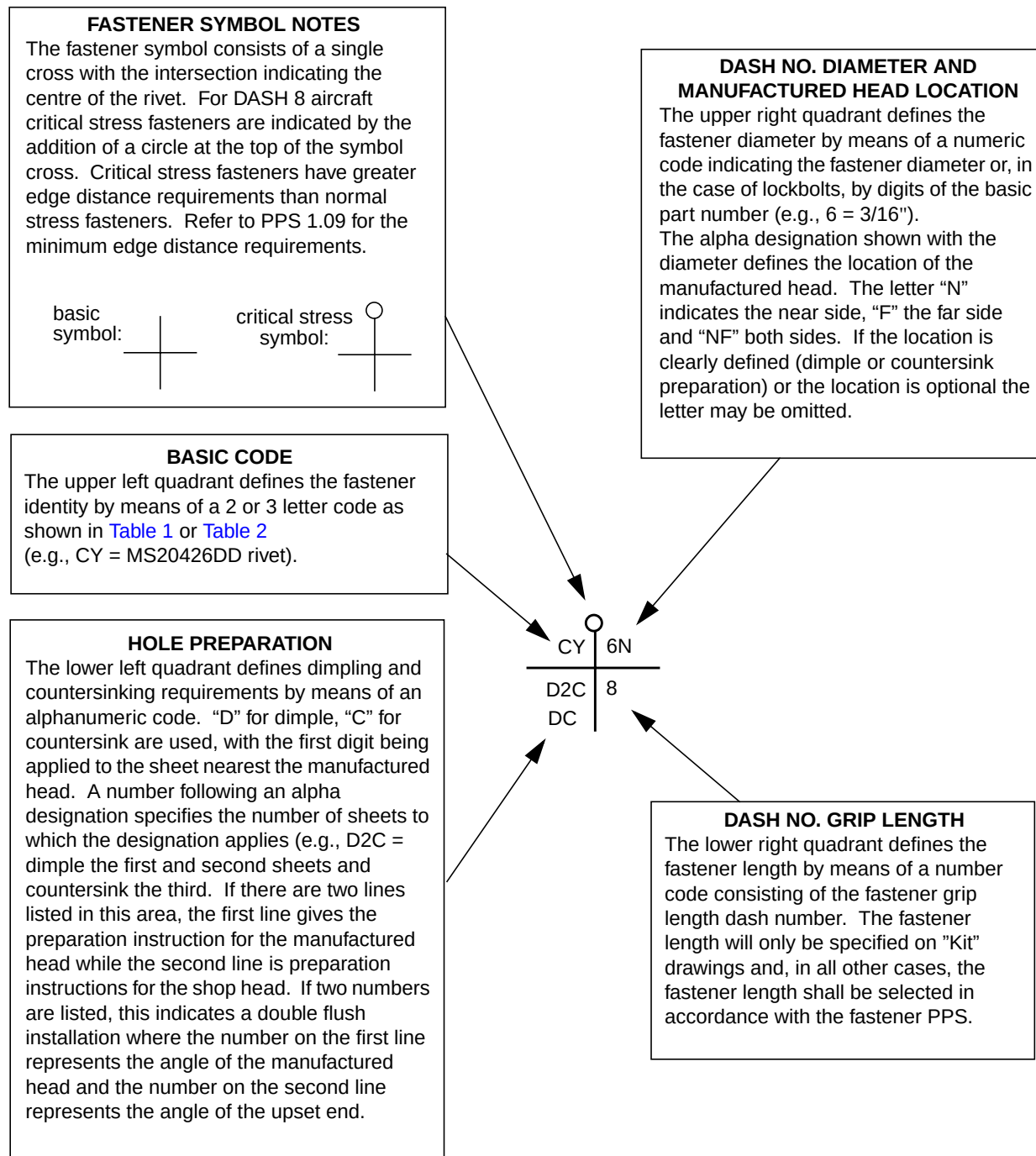
5.2 A code block, located in the bottom left hand corner of the engineering drawing, lists each type of fastener specified on the drawing (see [Figure 1](#) and [Figure 2](#)). Refer to [Figure 2](#) for the code breakdown.

5.3 Refer to [Table 1](#) (on page 7) for a listing of fastener codes vs fastener part number sorted by the fastener codes. Refer to [Table 2](#) (on page 21) for a listing of fastener codes vs fastener part number sorted by the fastener part numbers. These tables also provide a fastener description and the fastener PPS.

5.4 Refer to [Figure 3](#) for an explanation of rivet head identification markings for Bombardier "B" rivets.

BASIC CODE	RIVET TYPE
BASIC CODE	DASH NO. DIA. N - MFD. HD NEAR SIDE F - MFD. HD FAR SIDE
HOLE PREPARATION (Note 3)	DASH NO. GRIP LENGTH
NOTES: 1. WHEN LOCATION OF RIVET HEAD IS OPTIONAL, "N" OR "F" IS OMITTED. 2. LENGTH OF RIVET IS DETERMINED BY PPS. 3. METHOD OF PREPARATION FOR RIVET: NO SYMBOL - PLAIN HOLE "C" - COUNTERSINK "D" - DIMPLE	
RIVET CODE	

Figure 1 - Code Block



- Note 1. When space did not permit, the symbol may have been located off to the side and the location of the fastener indicated by an arrow.
- Note 2. If the drawing indicates a fastener pattern and the symbols indicating fastener locations are not coded, the fastener type is the same as the first and last coded symbols of the pattern.

Figure 2 - Code Identification

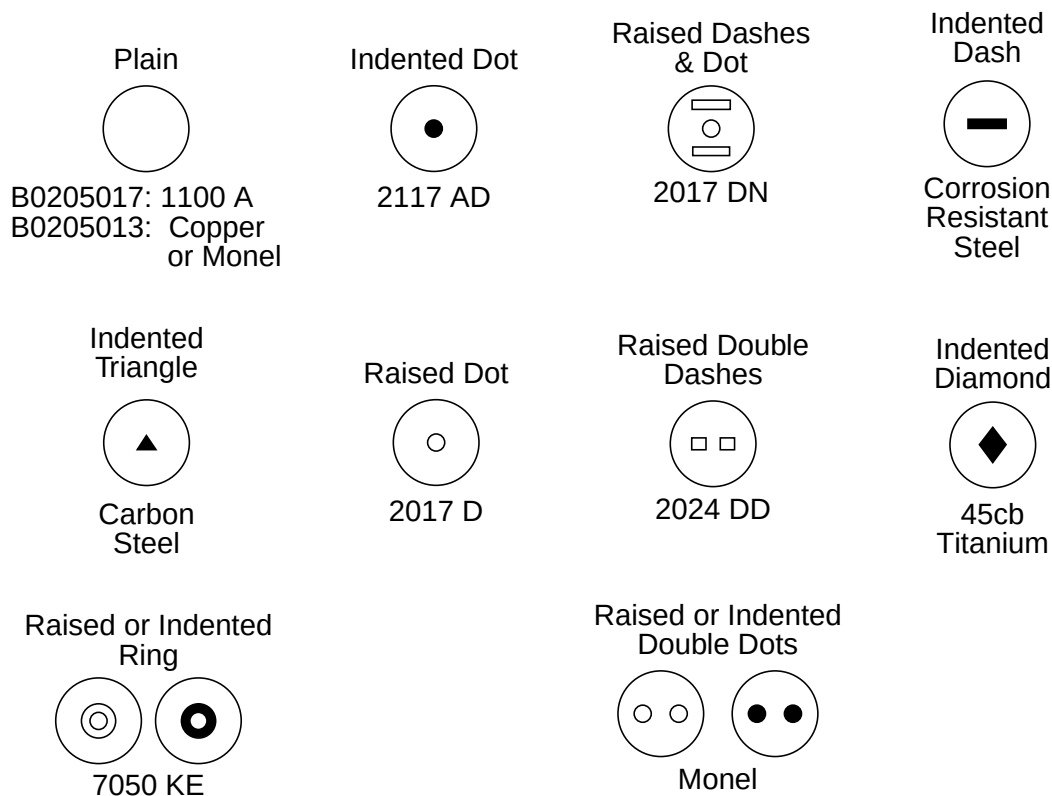


Figure 3 - Bombardier “B” Rivet Head Identification Markings

6 Requirements

6.1 Refer to the fastener PPS for the installation requirements.

7 Safety Precautions

7.1 Refer to the applicable fastener PPS for the safety precautions.

8 Personnel Requirements

8.1 Refer to the fastener PPS for the personnel requirements.

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
AMC	CCR264SS-()-() or CCR264SS-()-()	Blind rivet, nut plate, flush head, steel, cadmium plated	2.63	MS20605S()W(), code AXM
AMT	CCR264CS-()-()	Blind rivet, nut plate, flush head, CRES	2.63	MS20605R()W(), code AXN
APR	NAS1200M-()-()	Solid rivet, reduced flush head, monel	2.01	B0205015M-()-(), code XAQ
ARD	M7885/7-()-()	Blind rivet, flush head, aluminum	2.66	NAS9305E-()-(), code AYO
	CR3242-()-()	Blind rivet, flush head, 5056		
ARE	M7885/6-()-()	Blind rivet, universal head, aluminum	2.66	NAS9304E-()-(), code AYM
	CR3243-()-()	Blind rivet, universal head, 5056		
ARF	M7885/9-()-()	Blind rivet, flush head, monel	2.66	NAS9311M-()-(), code AZD
	CR3552-()-()	Blind rivet, flush head, monel		
ARG	M7885/8-()-()	Blind rivet, universal head, monel	2.66	NAS9310M-()-(), code AZA
	CR3553-()-()	Blind rivet, universal head, monel		
ARM	CR3212-()-()	Blind rivet, flush head, 5056	2.66	NAS9302E-()-(), code AYH
ARN	CR3213-()-()	Blind rivet, universal head, 5056	2.66	NAS9301E-()-(), code AYE
ASD	CR3524-()-()	Blind rivet, reduced flush head, monel	2.66	NAS9309M-()-(), code AYX
ASK	CR3214-()-()	Blind rivet, reduced flush head, 5056	2.66	NAS9303E-()-(), code AYK
ATK	CR3245-()-()	Blind rivet, unisink-reduced protruding head, 5056	2.66	NAS9306B-()-(), code AYP
ATZ	MS20470E-()-()	Solid rivet, universal head, 7050	2.01	
AXC	MS90353U() ()	Blind rivet, flush head, steel	2.40	
AXE	MS90354U() ()	Blind rivet, protruding head, steel	2.40	
AXM	MS20605S()W()	Blind rivet, nut plate, flush head, steel	2.63	
AXN	MS20605R()W()	Blind rivet, nut plate, flush head, CRES	2.63	

Table notes on page 35. superseded may be replaced code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
AYD	NAS9301B-(-)(-)	Blind rivet, protruding head, 5056 aluminum sleeve and 8740 steel spindle	2.66	NAS9301E-(-)(-), code AYE
AYE	NAS9301E-(-)(-)	Blind rivet, protruding head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYF	NAS9302B-(-)(-)	Blind rivet, flush head, 5056 aluminum sleeve and 8740 steel spindle	2.66	NAS9302E-(-)(-), code AYH
AYH	NAS9302E-(-)(-)	Blind rivet, flush head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYJ	NAS9303B-(-)(-)	Blind rivet, flush shear head, 5056 aluminum sleeve and 8740 steel spindle	2.66	NAS9303E-(-)(-), code AYK
AYK	NAS9303E-(-)(-)	Blind rivet, flush shear head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYL	NAS9304B-(-)(-)	Blind rivet, protruding head, 5056 aluminum sleeve and 8740 steel spindle	2.66	NAS9304E-(-)(-), code AYM
AYM	NAS9304E-(-)(-)	Blind rivet, protruding head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYN	NAS9305B-(-)(-)	Blind rivet, flush head, 5056 aluminum sleeve and 8740 steel spindle	2.66	NAS9305E-(-)(-), code AYO
AYO	NAS9305E-(-)(-)	Blind rivet, flush head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYP	NAS9306B-(-)(-)	Blind rivet, flanged dome head, 5056 aluminum sleeve and 8740 steel spindle	2.66	
AYR	NAS9306E-(-)(-)	Blind rivet, flanged dome head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYS	NAS9307M-(-)(-)	Blind rivet, protruding head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYV	NAS9308M-(-)(-)	Blind rivet, flush head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AYX	NAS9309M-(-)(-)	Blind rivet, flush shear head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
Table notes on page 35. superseded may be replaced code changed for new design				

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
AYZ	NAS9310C-()-()	Blind rivet, protruding head, Inconel 600 sleeve and Inconel X-750 spindle	2.66	
AZA	NAS9310M-()-()	Blind rivet, protruding head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
AZC	NAS9311C-()-()	Blind rivet, flush head, Inconel 600 sleeve and Inconel X-750 spindle	2.66	
AZD	NAS9311M-()-()	Blind rivet, flush head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	
BA	MS20426A()-()S	Solid rivet, flush head, 1100	2.01	
BB	MS20426AD()-()	Solid rivet, flush head, 2117	2.01	B0205017AD()-()S, code XBB
BBB	NAS9307ML-()-()	Blind rivet, protruding head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, IVD aluminum coating	2.66	
BBC	NAS9307MN-()-()	Blind rivet, protruding head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, epoxy spray aluminum coating	2.66	
BBD	NAS9308ML-()-()	Blind rivet, flush head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, IVD aluminum coating	2.66	
BBE	NAS9308MN-()-()	Blind rivet, flush head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, epoxy spray aluminum coating	2.66	
BBV	NAS9301EH-()-()	Blind rivet, protruding head, 5056 aluminum sleeve and 8740 steel spindle, internal lock	2.66	
BBW	NAS9303EH-()-()	Blind rivet, flush shear head, 5056 aluminum sleeve and 8740 steel spindle, internal lock	2.66	
BC	MS20426B()-()	Solid rivet, flush head, 1100	2.01	
BCS	NAS9309ML()-()	Blind rivet, flush shear head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, IVD aluminum coating	2.66	
BCT	NAS9309MN()-()	Blind rivet, flush shear head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, epoxy spray aluminum coating	2.66	
Table notes on page 35. superseded may be replaced code changed for new design				

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
BF	MS20427M()-()	Solid rivet, flush head, monel	2.01	B0205013M()-(), code XFA
BH	MS20470A()-()S	Solid rivet, universal head, 1100	2.01	
BJ	MS20470AD()-()	Solid rivet, universal head, 2117, alodined	2.01	B0205016AD()-()S, code XBJ
BK	MS20470B()-()	Solid rivet, protruding head, 5056	2.01	
BS	NAS525-()-()	Hi-Shear rivet, flush head, NAS528 collar	2.03	
BT	NAS529()-()	Hi-Shear rivet, protruding head + NAS528 collar	2.03	
CS	NAS1525 - 1532	Lockbolt, tension, protruding head + NAS1080D collar	2.16	
CX	MS20470DD()-()	Solid rivet, universal head, 2024, anodized	2.01	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
CY	MS20426DD()-()	Solid rivet, flush head, 2024, anodized	2.01	B0205017DN()-()S, code ZNQ, for manual installation
				B0205017KE()-()S, code XVD, for automatic installation
DT	NAS1465 - 1468	Lockbolt, tension, protruding head + NAS1080 collar	2.16	
	NAS1470 - 1472	Lockbolt, tension, protruding head + NAS1080P collar	2.16	
DW	NAS1456 - 1458	Lockbolt, tension, flush head + NAS1080P collar	2.16	
	NAS1460 - 1462	Lockbolt, tension, flush head + NAS1080 collar	2.16	
DX	NAS1446 - 1452	Lockbolt, shear, protruding head + NAS1080C collar	2.16	
DZ	NAS1436 - 1442	Lockbolt, shear, flush head + NAS1080C collar	2.16	

Table notes on page 35. superseded may be replaced code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
JH	NAS1475	Lockbolt, tension, flush head + NAS1080 collar	2.16	
LM	MS20613-()C()	Solid rivet, universal head, CRES	2.01	
LN	MS20615-()M()	Solid rivet, universal head, monel	2.01	
LZ	NAS1097AD()-()	Solid rivet, reduced flush head, 2117, alodined	2.01	B0205018AD()-()S, code XLZ
MA	NAS1097B()-()	Solid rivet, flush head, shear type	2.01	
MC	NAS1097DD()-()	Solid rivet, reduced flush head, 2024, anodized	2.01	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
PO	CR763-()-()	Blind rivet, universal head, 2017	2.02	NAS9304E-()-(), code AYM
PR	CR2162-()-()	Blind rivet, universal head, 2017	2.25	
PV	CR2248-()-()	Blind rivet, flush head, 5056	2.25	NAS9305E-()-(), code AYO
PW	CR2163-()-()	Blind rivet, universal head, 2117	2.25	
PZ	CR2249-()-()	Blind rivet, universal head, 5056	2.25	NAS9304E-()-(), code AYM
SF	CR762-()-()	Blind rivet, flush head	2.02	NAS9305E-()-(), code AYO
TK	CR2563-()-()	Blind rivet, universal head, monel	2.25	
TO	CR2562-()-()	Blind rivet, flush head, monel	2.25	
XA	CSP310AD()-()	Solid rivet, flush head, 2117, gold anodized	2.61	B0205017AD()-()S, code XBB
	SB0205001AD()-()S	Solid rivet, flush head, 2117	2.01 or 2.38	B0205017AD()-()S, code XBB
XAA	CSP391AD()-()	Solid rivet, reduced flush head, 2117, alodined	2.01	B0205018AD()-()S, code XLZ

Table notes on page 35. superseded may be replaced code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XAB	CSP391DD()-()	Solid rivet, reduced flush head, 2024, alodined	2.01	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
XAC	CR3214-()-()	Blind rivet, reduced flush head, 5052	2.66	NAS9303E-()-(), code AYK
XAD	CR3245-()-()	Blind rivet, unisink reduced protruding head, 5052	2.66	NAS9306B-()-(), code AYP
XAQ	B0205015M()-()	Solid rivet, reduced flush head, monel	2.01	
XAS	B0205016KE()-()S	Solid rivet, protruding head, 7050	2.01 or 2.38	
XAT	B0205016KE()-()S	Solid rivet, protruding head, 7050	2.01 or 2.38	B0205016KE()-()S, code XAS
XAX	B0205016DN()-()S	Solid rivet, protruding head, 2017 (DN)	2.01 or 2.38	
XB	MS20426ADJ4-()-()	Solid rivet, jacketed, flush head	2.26	B0205025DN()-()S, code XDY
XBB	B0205017AD()-()S	Solid rivet, flush head, 2117	2.01 or 2.38	
XBF	B0205013M()-()	Solid rivet, flush head, monel	2.01	B0205013M()-(), code XFA
XBJ	B0205016AD()-()S	Solid rivet, protruding head, 2117	2.01 or 2.38	
XC	MS20426DDJ4-()-()	Solid rivet, jacketed, flush head	2.26	B0205025DN()-()S, code XDY
	SB0205001E	Solid rivet, flush head, 7050	2.01 or 2.38	B0205017KE()-()S, code XVD
XCK	B0206004AG()-() + B0203014-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	
XCL	B0206001AG()-() + B0203013-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	
Table notes on page 35. superseded may be replaced code changed for new design				

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XCM	B0206002AG()-() + B0203013-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	
XCN	B0206003AG()-() + B0203014-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	
XCX	B0205016DD()-() S	Solid rivet, protruding head, 2024	2.01 or 2.38	B0205016DN()-() S, code XAX, for manual installation
				B0205016KE()-() S, code XAS, for automatic installation
XCY	B0205017DD()-() S	Solid rivet, flush head, 2024	2.01 & 2.38	B0205017DN()-() S, code ZNQ, for manual installation
				B0205017KE()-() S, code XVD, for automatic installation
XD	MS20470ADJ4-()-()	Solid rivet, jacketed, universal head, 2117, alodined	2.26	B0205016AD()-() S, code XBJ
XDA	B0205016DN()-() S	Solid rivet, protruding head, 2017	2.01 or 2.38	B0205016DN()-() S, code XAX
XDB	B0205017DN()-() S	Solid rivet, flush head, 2017	2.01 or 2.38	B0205017DN()-() S, code ZNQ
XDC	B0205018DN()-() S	Solid rivet, reduced flush head, 2017	2.01 or 2.38	B0205018DN()-() S, code ZNR
XDG	B0207002-()-()	Blind rivet, Composi-Lok, protruding head, titanium	2.72	
XDH	B0207001-()-()	Blind rivet, Composi-Lok, 130° flush head, titanium	2.72	
XDK	B0206004AG()-() + B0203015-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	
XDL	B0206001AG()-() + B0203016-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	
XDM	B0206002AG()-() + B0203016-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	

Table notes on page 35. superseded may be replaced code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XDN	B0206003AG()-() + B0203015-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	
DXD	B0205024DN()-()S	Solid rivet, protruding head, 1/64" oversize, 2017	2.01 or 2.38	
XDY	B0205025DN()-()S	Solid rivet, flush head, 1/64" oversize, 2017	2.01 or 2.38	
XDZ	B0205026DN()-()S	Solid rivet, reduced flush head, 1/64" oversize, 2017	2.01 or 2.38	
XE	MS20470DDJ4-()-()	Solid rivet, jacketed, universal head, 2024, anodized	2.26	B0205016DN()-()S, code XAX, for manual installation B0205016KE()-()S, code XAS, for automatic installation
XEK	B0206004AG()-() + B0206017TP()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type CRES collar	2.68	
XEL	B0206001AG()-() + B0206016CY()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum collar	2.68	
XEM	B0206002AG()-() + B0206016CY()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type aluminum collar	2.68	
XEN	B0206003AG()-() + B0206017TP()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type CRES collar	2.68	
XF	CCR264SS()-()	Blind rivet, nut plate, flush head, steel, cadmium plated	2.63	MS20605S()W(), code AXM
XFA	B0205013M()-()	Solid rivet, flush head, monel	2.01	
XFK	B0206004AG()-() + B0206019TP()AWU	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type self aligning stainless steel collar	2.68	
XFL	B0206001AG()-() + B0206018CY()AWU	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum collar with steel washer	2.68	
Table notes on page 35. superseded may be replaced code changed for new design				

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XFM	B0206002AG()-() + B0206018CY()AWU	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum collar with steel washer	2.68	
XFN	B0206003AG()-() + B0206019TP()AWU	Hi-Lite, flush head, tension type, titanium, aluminum coated + tension type self aligning stainless steel collar	2.68	
XG	CSP320ADJ4-()-()	Solid rivet, jacketed, flush head, 2117, alodined	2.26	B0205025DN()-()S, code XDY
XH	CSP320DDJ4-()-()	Solid rivet, jacketed, flush head, 2024, alodined	2.26	B0204025DN()-()S, code XDY
XJ	CSP371AD()-()	Solid rivet, reduced flush head, 2117, red anodized	2.61	B0205018AD()-()S, code XLZ
XK	CSP372ADJ4-()-()	Solid rivet, jacketed, reduced flush head, 2117, alodined	2.26	B0205018AD()-()S, code XLZ
XL	CSP372DDJ4-()-()	Solid rivet, jacketed, reduced flush head, 2024, alodined	2.26	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
XLZ	B0205018AD()-()S	Solid rivet, reduced flush head, 2117	2.01 or 2.38	
XM	HL325-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, flush head, shear type, steel + collar/nut (Note 5)	2.67	
XMC	B0205018DD()-()S	Solid rivet, reduced flush head, 2024	2.01 or 2.38	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
XMN	B0205009-()-()	Solid rivet, flush head, bi-metallic shank (Titanium/Titanium Columbium)	2.73	
XMO	B0205010-()-()	Solid rivet, reduced flush head, bi-metallic shank (Titanium/Titanium Columbium)	2.73	
Table notes on page 35. superseded may be replaced code changed for new design				

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XMP	B0205011-()-()	Solid rivet, protruding head, bi-metallic shank (Titanium/Titanium Columbium)	2.73	
XMR	B0205023()-()	Hollow end rivet, flush head, shear type, titanium	2.42	
XP	HL328-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, protruding head, shear type, steel + collar/nut (Note 5)	2.67	
XPA	B0206001AG()-() + HST1384GG-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum double hex self-sealing collar	2.68	
XPB	B0206002AG()-() + HST1384GG-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type aluminum double hex self-sealing collar	2.68	
XPC	B0206003AG()-() + HST1385UK-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type CRES double hex self-sealing collar	2.68	
XPD	B0206004AG()-() + HST1385UK-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type CRES double hex self-sealing collar	2.68	
XPH	BACR15DR()-()	Blind rivet, nut plate, flush head, steel, cadmium plated	2.63	MS20605S()W(), code AXM
XPR	B0205015M()-()	Solid rivet, reduced flush head, monel	2.01	B0205015M()-(), code XAQ
XPU	B0206001WF()-() + B0206011DU()	Hi-Lite, protruding head, shear type, titanium, anodized pin + shear type, CRES collar	2.68	
XPX	B0206001AG()-() + HST1070CY-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum collar	2.68	B0206001AG()-() + B0206016CY(), code XEL
XPY	B0206001AG()-() + HST771-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum self-sealing collar	2.68	B0206001AG()-() + HST1384GG-(), code XPA
XPZ	B0206001AG()-() + HST1082CY-()AWU	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum/steel collar	2.68	B0206001AG()-() + B0206018CY()AWU, code XFL
XS	HL329-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, reduced flush head, shear type, steel + collar/nut (Note 5)	2.67	

Table notes on page 35.

superseded

may be replaced

code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XSC	B0206042A()-() + B0206061-()	Lockbolt, flush head, shear pull type, titanium + shear type, aluminum collar	2.35	
XSD	B0207004M()-()	Blind rivet, reduced flush head, monel	2.66	NAS9309M()-(), code AYY
XSK	B0207004-()-()	Blind rivet, reduced flush head, aluminum	2.66	NAS9303E()-(), code AYZ
XSP	B0206041A()-() + B0206061-()	Lockbolt, protruding head, shear pull type, titanium + shear type, aluminum collar	2.35	
XSS	B0205018KE()-()S	Solid rivet, reduced flush head, 7050	2.01 or 2.38	
XSU	B0206002WF()-() + B0206011DU()	Hi-Lite, reduced flush head, shear type, titanium, anodized pin + shear type CRES collar	2.68	
XSX	B0206002AG()-() + HST1070CY-()	Hi-Lite, reduced flush head, titanium, aluminum coated pin + shear type, aluminum collar	2.68	B0206002AG()-() + B0206016CY(), code XEM
XSX	B0206002AG()-() + HST771-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type aluminum self-sealing collar	2.68	B0206002AG()-() + HST1384GG-(), code XPB
XSZ	B0206002AG()-() + HST1082CY-()AWU	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum/steel collar	2.68	B0206002AG()-() + B0206018CY()AWU, code XFM
XT	HL326-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, protruding head, tension type, steel + collar/nut (Note 5)	2.67	
XTC	B0206044A()-() + B0206062-()	Lockbolt, flush head, tension pull type, titanium + tension type, aluminum collar	2.35	
XTP	B0206043A()-() + B0206062-()	Lockbolt, protruding head, tension pull type, titanium + tension type, aluminum collar	2.35	
XTX	B0206003AG()-() + HST1087TF-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type, stainless steel collar	2.68	B0206003AG()-() + B0206017TP(), code XEN
XTY	B0206003AG()-() + HST1084TF-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type stainless steel self-sealing collar	2.68	B0206003AG()-() + HST1385UK-(), code XPC

Table notes on page 35. superseded may be replaced code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XTZ	B0206003AG()-() + HST75TF-()AWU	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type, stainless steel self-aligning collar	2.68	B0206003AG()-() + B0206019TP()AWU, code XFN
XU	HL327-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, flush head, tension type, steel + collar/nut (Note 5)	2.67	
XUX	B0206004AG()-() + HST1087TF-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type, stainless steel collar	2.68	B0206004AG()-() + B0206017TP(), code XEK
XUY	B0206004AG()-() + HST1084TF-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type, stainless steel self-sealing collar	2.68	B0206004AG()-() + HST1385UK-(), code XPD
XUZ	B0206004AG()-() + HST75TF-()AWU	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type stainless steel self-aligning collar	2.68	B0206004AG()-() + B0206019TP()AWU, code XFK
XV	CSP374ADJ4	Solid rivet, jacketed, universal head, 2117, alodined	2.26	B0205016AD()-()S, code XBJ
XVA	B0206006WF()-() + B0206016CY()	Hi-Lite, 130° flush head, shear type, titanium, anodized pin + shear type aluminum collar	2.68	
XVD	B0205017KE()-()S	Solid rivet, flush head, 7050	2.01 or 2.38	
XVU	B0206006WF()-() + B0206011DU()	Hi-Lite, 130° flush head, shear type, titanium, anodized pin + shear type CRES collar	2.68	
XVX	B0206006WF()-() + HST1070CY-()	Hi-Lite, 130° flush head, shear type, titanium, anodized pin + shear type aluminum collar	2.68	B0206006WF()-() + B0206016CY(), code XVA
XW	CSP374DDJ4-()-()	Solid rivet, jacketed, universal head, 2024, alodined	2.26	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
XWL	BACR15DR()A()	Blind rivet, nut plate, flush head, CRES	2.63	MS20605R()W(), code AXN.
XX	CSP362AD-()	Solid rivet, flush head, 2117, alodined	2.01	B0205017AD()-()S, code XBB

Table notes on page 35. superseded may be replaced code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
XY	CSP362DD(-)	Solid rivet, flush head, 2024, alodined	2.01	B0205017DN(-)(-)S, code ZNQ, for manual installation
				B0205017KE(-)(-)S, code XVD, for automatic installation
XYN	B0207017C(-)(-)	Blind rivet, reduced flush head, CRES	2.63	B0207017C(-)(-), code YAP
XZ	CCR264CS(-)(-)	Blind rivet, nut plate, flush head, CRES	2.63	MS20605R(-)W(-), code AXN
YAP	B0207017C(-)(-)	Blind rivet, reduced flush head, CRES	2.63	
YAQ	B0207004M(-)(-)	Blind rivet, reduced flush head, monel	2.66	NAS9309M(-)(-), code AYX
YAV	B0205016DD(-)(-)S	Solid rivet, protruding head, 2024	2.01	B0205016DN(-)(-)S, code XAX, for manual installation
				B0205016KE(-)(-)S, code XAS, for automatic installation
YTN	BACR15FT(-)KE(-) (DASH 8 Legacy)	Solid rivet, modified universal head, 7050	2.01 or 2.38	B0205016KE(-)(-)S, code XAS
	B0205016KE(-)(-)S (Lear 45 Wing)	Solid rivet, protruding head, 7050	2.01 or 2.38	B0205016KE(-)(-)S, code XAS
YUC	BACB30VM(-)K(-) + BACC30BK(-)	Lockbolt, flush head, shear pull type, titanium pin + collar	2.35	B0206042A(-)(-) + B0206061(-), code XSC
YUD	BACB30VN(-)K(-) + BACC30BK(-)	Lockbolt, protruding head, shear pull type, titanium pin + collar	2.35	B0206041A(-)(-) + B0206061(-), code XSC
YUE	BACB30VP(-)K(-) + BACC30BK(-)	Lockbolt, flush head, shear stump type, titanium pin + collar	2.35	B0206052A(-)(-) + B0206061(-)
YUF	BACB30VR(-)K(-) + BACC30BK(-)	Lockbolt, protruding head, shear stump type, titanium pin + collar	2.35	B0206051A(-)(-) + B0206061(-)
ZCA	HST10AG + collar/nut (Note 5)	Hi-Lite pin, protruding head, shear type + collar/nut (Note 5)	2.68	
Table notes on page 35. superseded may be replaced code changed for new design				

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
ZCB	BACR15BA()AD()C	Solid rivet, flush head, 2117, alodined	2.01 or 2.38	B0205017AD()-()S, code XBB
ZCC	HST11AG + collar/nut (Note 5)	Hi-Lite pin, flush head, shear type + collar/nut (Note 5)	2.68	
ZCE	HST12AG + collar/nut (Note 5)	Hi-Lite pin, protruding head, tension type + collar/nut (Note 5)	2.68	
ZCG	HST13AG + collar/nut (Note 5)	Hi-Lite pin, flush head, tension type + collar/nut (Note 5)	2.68	
ZCM	BACR15CE()KE()C	Solid rivet, reduced flush head, 7050, alodined	2.01 or 2.38	B0205018KE()-()S, code XSS
ZCN	BACR15CE()AD()C	Solid rivet, reduced flush head, 2117, alodined	2.01 or 2.38	B0205018AD()-()S, code XLZ
ZCP	BACR15CE()DD()C	Solid rivet, reduced flush head, 2024, alodined, standard installation	2.01 or 2.38	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
ZCQ	BACR15BA()KE()C	Solid rivet, flush head, 7050, alodined	2.01 or 2.38	B0205017KE()-()S, code XVD
ZCR	BACR15BB()DD()C	Solid rivet, universal head, 2024, alodined	2.01 or 2.38	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
ZCT	BACR15BA()DD()C	Solid rivet, flush head, 2024, alodined	2.01 or 2.38	B0205017DN()-()S, code ZNQ, for manual installation or
				B0205017KE()-()S, code XVD, for automatic installation

Table notes on page 35. superseded may be replaced code changed for new design

Table 1 - Fastener Identity Codes (sorted by fastener code)

Code (Note 1)	Fastener	Description	PPS	Superseded or Replaced by
ZCU	BACR15BB()AD()C (DASH 8 Legacy)	Solid rivet, universal head, 2117, alodined	2.01 or 2.38	B0205016AD()-()S, code XBJ
	B0205016AD()-()S (Lear 45 Wing)	Solid rivet, protruding head, 2117	2.01 or 2.38	B0205016AD()-()S, code XBJ
ZNQ	B0205017DN()-()S	Solid rivet, flush head, 2017	2.01 or 2.38	
ZNR	B0205018DN()-()S	Solid rivet, reduced flush head, 2017	2.01 or 2.38	

Table notes on page 35. superseded may be replaced code changed for new design

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
B0205009-()-()	Solid rivet, flush head, bi-metallic shank (Titanium/Titanium Columbium)	2.73	XMN	
B0205010-()-()	Solid rivet, reduced flush head, bi-metallic shank (Titanium/Titanium Columbium)	2.73	XMO	
B0205011-()-()	Solid rivet, reduced flush head, bi-metallic shank (Titanium/Titanium Columbium)	2.73	XMP	
B0205013M()-()	Solid rivet, flush head, monel	2.01	XFA	
B0205015M()-()	Solid rivet, reduced flush head, monel	2.01	XAQ	
B0205016AD()-()S	Solid rivet, protruding head, 2117	2.01 or 2.38	XBJ	
B0205016DD()-()S	Solid rivet, protruding head, 2024	2.01 or 2.38	YAV	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
B0205016DN()-()S	Solid rivet, protruding head, 2017	2.01 or 2.38	XAX	

Table notes on page 35. superseded replaced code changed for new design

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
B0205016KE()-()S	Solid rivet, protruding head, 7050	2.01 or 2.38	XAS	
B0205017AD()-()S	Solid rivet, flush head, 2117	2.01 or 2.38	XBB	
B0205017DD()-()S	Solid rivet, flush head, 2024	2.01 & 2.38	XCY	B0205017DN()-()S, code ZNQ, for manual installation
				B0205017KE()-()S, code XVD, for automatic installation
B0205017DN()-()S	Solid rivet, flush head, 2017	2.01 or 2.38	ZNQ	
B0205017KE()-()S	Solid rivet, flush head, 7050	2.01 or 2.38	XVD	
B0205018AD()-()S	Solid rivet, reduced flush head, 2117	2.01 or 2.38	XLZ	
B0205018DD()-()S	Solid rivet, reduced flush head, 2024	2.01 or 2.38	XMC	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
B0205018DN()-()S	Solid rivet, reduced flush head, 2017	2.01 or 2.38	ZNR	
B0205018KE()-()S	Solid rivet, reduced flush head, 7050	2.01 or 2.38	XSS	
B0205023()-()	Hollow end rivet, flush head, shear type, titanium	2.42	XMR	
B0205024DN()-()S	Solid rivet, protruding head, 1/64" oversize, 2017	2.01 or 2.38	XDX	
B0205025DN()-()S	Solid rivet, flush head, 1/64" oversize, 2017	2.01 or 2.38	XDY	
B0205026DN()-()S	Solid rivet, reduced flush head, 1/64" oversize, 2017	2.01 or 2.38	XDZ	
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
B0206001AG()-() + B0203013-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	XCL	
B0206001AG()-() + B0203016-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	XDL	
B0206001AG()-() + B0206016CY()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum collar	2.68	XEL	
B0206001AG()-() + B0206018CY()AWU	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum collar with steel washer	2.68	XFL	
B0206001AG()-() + HST771-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum self-sealing collar	2.68	XPY	B0206001AG()-() + HST1384GG-(), code XPA
B0206001AG()-() + HST1070CY-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum collar	2.68	XPX	B0206001AG()-() + B0206016CY(), code XEL
B0206001AG()-() + HST1082CY-()AWU	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum/steel collar	2.68	XPZ	B0206001AG()-() + B0206018CY()AWU, code XFL
B0206001AG()-() + HST1384GG-()	Hi-Lite, protruding head, shear type, titanium, aluminum coated pin + shear type aluminum double hex self-sealing collar	2.68	XPA	
B0206001WF()-() + B0206011DU()	Hi-Lite, protruding head, shear type, titanium, anodized pin + shear type, CRES collar	2.68	XPU	
B0206002AG()-() + B0203013-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	XCM	
B0206002AG()-() + B0203016-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type K-Fast nut	2.68	XDM	
B0206002AG()-() + B0206016CY()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type aluminum collar	2.68	XEM	

Table notes on page 35. superseded replaced code changed for new design

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
B0206002AG()-() + B0206018CY()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum collar with steel washer	2.68	XFM	
B0206002AG()-() + HST771-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type aluminum self-sealing collar	2.68	XSX	B0206002AG()-() + HST1384GG-(), code XPB
B0206002AG()-() + HST1070CY-()	Hi-Lite, reduced flush head, titanium, aluminum coated pin + shear type, aluminum, collar	2.68	XSX	B0206002AG()-() + B0206016CY(), code XEM
B0206002AG()-() + HST1082CY-()AWU	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type self aligning aluminum/steel collar	2.68	XSZ	B0206002AG()-() + B0206018CY()AWU, code XFM.
B0206002AG()-() + HST1384GG-()	Hi-Lite, reduced flush head, shear type, titanium, aluminum coated pin + shear type aluminum double hex self-sealing collar	2.68	XPB	
B0206002WF()-() + B0206011DU()	Hi-Lite, reduced flush head, shear type, titanium, anodized pin + shear type CRES collar	2.68	XSU	
B0206003AG()-() + B0203014-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	XCN	
B0206003AG()-() + B0203015-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	XDN	
B0206003AG()-() + B0206017TP()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type CRES collar	2.68	XEN	
B0206003AG()-() + B0206019TP()	Hi-Lite, flush head, tension type, titanium, aluminum coated + tension type self aligning stainless steel collar	2.68	XFN	
B0206003AG()-() + HST75TF-()AWU	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type, stainless steel self-aligning collar	2.68	XTZ	B0206003AG()-() + B0206019TP()AWU, code XFN
B0206003AG()-() + HST1084TF-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type stainless steel self-sealing collar	2.68	XTY	B0206003AG()-() + HST1385UK-(), code XPC

Table notes on page 35. superseded replaced code changed for new design

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
B0206003AG()-() + HST1087TF()-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type, stainless steel collar.	2.68	XTX	B0206003AG()-() + B0206017TP(), code XEN
B0206003AG()-() + HST1385UK()-()	Hi-Lite, protruding head, tension type, titanium, aluminum coated pin + tension type CRES double hex self sealing collar	2.68	XPC	
B0206004AG()-() + B0203014()-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	XCK	
B0206004AG()-() + B0203015()-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type K-Fast nut	2.68	XDK	
B0206004AG()-() + B0206017TP()-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type CRES collar	2.68	XEK	
B0206004AG()-() + B0206019TP()-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type self aligning stainless steel collar	2.68	XFK	
B0206004AG()-() + HST75TF()-()AWU	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type stainless steel self-aligning collar	2.68	XUZ	B0206004AG()-() + B0206019TP()-()AWU, code XFK
B0206004AG()-() + HST1084TF()-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type, stainless steel self-sealing collar	2.68	XUY	B0206004AG()-() + HST1385UK()-(), code XPD
B0206004AG()-() + HST1087TF()-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type, stainless steel collar	2.68	XUX	B0206004AG()-() + B0206017TP()-(), code XEK
B0206004AG()-() + HST1385UK()-()	Hi-Lite, flush head, tension type, titanium, aluminum coated pin + tension type CRES double hex self-sealing collar	2.68	XPD	
B0206006WF()-() + B0206011DU()-()	Hi-Lite, 130° flush head, shear type, titanium, anodized pin + shear type CRES collar	2.68	XVU	
B0206006WF()-() + B0206016CY()-()	Hi-Lite, 130° flush head, shear type, titanium, anodized pin + shear type aluminum collar	2.68	XVA	
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
B0206006WF()-() + HST1070CY()	Hi-Lite, 130° flush head, shear type, titanium, anodized pin + shear type aluminum collar	2.68	XVX	B0206006WF()-() + B0206016CY(), code XVA
B0206041A()-() + B0206061-()	Lockbolt, protruding head, shear pull type, titanium + shear type, aluminum collar	2.35	XSP	
B0206042A()-() + B0206061-()	Lockbolt, flush head, shear pull type, titanium + shear type, aluminum collar	2.35	XSC	
B0206043A()-() + B0206062-()	Lockbolt, protruding head, tension pull type, titanium + tension type, aluminum collar	2.35	XTP	
B0206044A()-() + B0206062-()	Lockbolt, flush head, tension pull type, titanium + tension type, aluminum collar	2.35	XTC	
B0206051A()-() + B0206061-()	Lockbolt, protruding head, shear stump type, titanium pin + collar	2.35		
B0206052A()-() + B0206061-()	Lockbolt, flush head, shear stump type, titanium pin + collar	2.35		
B0207001-()-()	Blind rivet, Composi-Lok, 130° flush head, titanium	2.72	XDH	
B0207002-()-()	Blind rivet, Composi-Lok, protruding head, titanium	2.72	XDG	
B0207004-()-()	Blind rivet, reduced flush head, aluminum	2.66	XSK	NAS9303E-()-(), code AYK
B0207004M()-()	Blind rivet, reduced flush head, monel	2.66	YAQ	NAS9309M-()-(), code AYX
B0207017C()-()	Blind rivet, reduced flush head, CRES	2.63	YAP	
BACB30VM()K() + BACC30BK()	Lockbolt, flush head, shear pull type, titanium pin + collar	2.35	YUC	B0206042A()-() + B0206061-(), code XSC
BACB30VN()K() + BACC30BK()	Lockbolt, protruding head, shear pull type, titanium pin + collar	2.35	YUD	B0206041A()-() + B0206061-(), code XSC
BACB30VP()K() + BACC30BK()	Lockbolt, flush head, shear stump type, titanium pin + collar	2.35	YUE	B0206052A()-() + B0206061-().
BACB30VR()K() + BACC30BK()	Lockbolt, protruding head, shear stump type, titanium pin + collar	2.35	YUF	B0206051A()-() + B0206061-()
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
BACR15BA()AD()C	Solid rivet, flush head, 2117, alodined	2.01 or 2.38	ZCB	B0205017AD()-()S, code XBB
BACR15BA()DD()C	Solid rivet, flush head, 2024, alodined	2.01 or 2.38	ZCT	B0205017DN()-()S, code ZNQ, for manual installation
				B0205017KE()-()S, code XVD, for automatic installation
BACR15BA()KE()C	Solid rivet, flush head, 7050, alodined	2.01 or 2.38	ZCQ	B0205017KE()-()S, code XVD
BACR15BB()AD()C	Solid rivet, universal head, 2117, alodined	2.01 or 2.38	ZCU	B0205016AD()-()S, code XBJ
BACR15BB()DD()C	Solid rivet, universal head, 2024, alodined	2.01 or 2.38	ZCR	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
BACR15CE()AD()C	Solid rivet, reduced flush head, 2117, alodined	2.01 or 2.38	ZCN	B0205018AD()-()S, code XLZ
BACR15CE()DD()C	Solid rivet, reduced flush head, 2024, alodined, standard installation	2.01 or 2.38	ZCP	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
BACR15CE()KE()C	Solid rivet, reduced flush head, 7050, alodined	2.01 or 2.38	ZCM	B0205018KE()-()S, code XSS
BACR15DR()-()	Blind rivet, nut plate, flush head, steel, cadmium plated	2.63	XPH	MS20605S()W(), code AXM
BACR15DR()A()	Blind rivet, nut plate, flush head, CRES)	2.63	XWL	MS20605R()W(), code AXN
BACR15FT()KE()C	Solid rivet, modified universal head, 7050	2.01 or 2.38	YTN	B0205016KE()-()S, code XAS
CCR264CS-()-()	Blind rivet, nut plate, flush head, CRES	2.63	AMT	MS20605R()W(), code AXN
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
CCR264SS-()-()	Blind rivet, nut plate, flush head, steel, cadmium plated	2.63	AMC	MS20605S-()-(), code AXM
CR762-()-()	Blind rivet, flush head	2.02	SF	NAS9305E-()-(), code AYO
CR763-()-()	Blind rivet, universal head, 2017	2.02	PO	NAS9304E-()-(), code AYM.
CR2162-()-()	Blind rivet, universal head, 2017	2.25	PR	
CR2163-()-()	Blind rivet, universal head, 2117	2.25	PW	
CR2248-()-()	Blind rivet, flush head, 5056	2.25	PV	NAS9305E-()-(), code AYO
CR2249-()-()	Blind rivet, universal head, 5056	2.25	PZ	NAS9304E-()-(), code AYM
CR2562-()-()	Blind rivet, flush head, monel	2.25	TO	
CR2563-()-()	Blind rivet, universal head, monel	2.25	TK	
CR2672-()-()	Blind rivet, flush head, steel	2.63		
CR3212-()-()	Blind rivet, flush head, 5056	2.66	ARM	NAS9302E-()-(), code AYH
CR3213-()-()	Blind rivet, universal head, 5056	2.66	ARN	NAS9301E-()-(), code AYE
CR3214-()-()	Blind rivet, reduced flush head, 5056	2.66	ASK	NAS9303E-()-(), code AYK
CR3242-()-()	Blind rivet, flush head, 5056	2.66	ARD	NAS9305E-()-(), code AYO
CR3243-()-()	Blind rivet, universal head, 5056	2.66	ARE	NAS9304E-()-(), code AYM
CR3245-()-()	Blind rivet, unisink-reduced protruding head, 5056	2.66	ATK	NAS9306B-()-(), code AYP
CR3524-()-()	Blind rivet, reduced flush head, monel	2.66	ASD	NAS9309M-()-(), code AYX
CR3552-()-()	Blind rivet, flush head, monel	2.66	ARF	NAS9311M-()-(), code AZD
CR3553-()-()	Blind rivet, universal head, monel	2.66	ARG	NAS9310M-()-(), code AZA
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
CSP310AD()-()	Solid rivet, flush head, 2117, gold anodized	2.61	XA	B0205017AD()-()S, code XBB
CSP320ADJ4()-()	Solid rivet, jacketed, flush head, 2117, alodined	2.26	XG	B0205025DN()-()S, code XDY
CSP320DDJ4()-()	Solid rivet, jacketed, flush head, 2024, alodined	2.26	XH	B0205025DN()-()S, code XDY
CSP362AD()-()	Solid rivet, flush head, 2117, alodined	2.01	XX	B0205017AD()-()S, code XBB
CSP362DD()-()	Solid rivet, flush head, 2024, alodined	2.01	XY	B0205017DN()-()S, code ZNQ, for manual installation
				B0205017KE()-()S, code XVD, for automatic installation
CSP371AD()-()	Solid rivet, reduced flush head, 2117, red anodized	2.61	XJ	B0205018AD()-()S, code XLZ
CSP372ADJ4()-()	Solid rivet, jacketed, reduced flush head, 2117, alodined	2.26	XK	B0205018AD()-()S, code XLZ
CSP372DDJ4()-()	Solid rivet, jacketed, reduced flush head, 2024, alodined	2.26	XL	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
CSP374ADJ4()-()	Solid rivet, jacketed, universal head, 2117, alodined	2.26	XV	B0205016AD()-()S, code XBJ
CSP374DDJ4()-()	Solid rivet, jacketed, universal head, 2024, alodined	2.26	XW	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
CSP391AD()-()	Solid rivet, reduced flush head, 2117, alodined	2.01	XAA	B0205018AD()-()S, code XLZ
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
CSP391DD()-()	Solid rivet, reduced flush head, 2024, alodined	2.01	XAB	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
HL325-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, flush head, shear type, steel + collar/nut (Note 5)	2.67	XM	
HL326-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, protruding head, tension type, steel + collar/nut (Note 5)	2.67	XT	
HL327-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, flush head, tension type, steel + collar/nut (Note 5)	2.67	XU	
HL328-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, protruding head, shear type, steel + collar/nut (Note 5)	2.67	XP	
HL329-()-() + collar/nut (Note 5)	Hi-Lok/Hi-Tigue pin, reduced flush head, shear type, steel + collar/nut (Note 5)	2.67	XS	
HPL822AG-()-() + collar/nut (Note 5)	Hi-Lite pin, protruding head, tension type, Inconel + collar/nut (Note 5)	2.71		
HPL823AG-()-() + collar/nut (Note 5)	Hi-Lite pin, flush head, tension type, Inconel + collar/nut (Note 5)	2.71		
HSL54AG-()-() + collar/nut (Note 5)	Hi-Lite pin, protruding head, tension type, Inconel + collar/nut (Note 5)	2.71		
HST10AG + collar/nut (Note 5)	Hi-Lite pin, protruding head, shear type + collar/nut (Note 5)	2.68	ZCA	
HST11AG + collar/nut (Note 5)	Hi-Lite pin, flush head, shear type + collar/nut (Note 5)	2.68	ZCC	
HST12AG + collar/nut (Note 5)	Hi-Lite pin, protruding head, tension type + collar/nut (Note 5)	2.68	ZCE	
HST13AG + collar/nut (Note 5)	Hi-Lite pin, flush head, tension type + collar/nut (Note 5)	2.68	ZCG	
M7885/6-()-()	Blind rivet, universal head, aluminum	2.66	ARE	NAS9304E-()-(), code AYM
M7885/7-()-()	Blind rivet, flush head, aluminum	2.66	ARD	NAS9305E-()-(), code AYO
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
M7885/8-()-()	Blind rivet, universal head, monel	2.66	ARG	NAS9310M-()-(), code AZA
M7885/9-()-()	Blind rivet, flush head, monel	2.66	ARF	NAS9311M-()-(), code AZD
MS20426A()-()	Solid rivet, flush head, 1100	2.01	BA	MS20426A()-()S, code BA
MS20426A()-()S	Solid rivet, flush head, 1100	2.01	BA	
MS20426AD()-()	Solid rivet, flush head, 2117	2.01	BB	B0205017AD()-()S, code XBB
MS20426ADJ4()-()	Solid rivet, jacketed, flush head	2.26	XB	B0205025DN()-()S, code XDY
MS20426B()-()	Solid rivet, flush head, 5056	2.01	BC	
MS20426DD()-()	Solid rivet, flush head, 2024, anodized	2.01	CY	B0205017DN()-()S, code ZNQ, for manual installation
				B0205017KE()-()S, code XVD, for automatic installation
MS20426DDJ4()-()	Solid rivet, jacketed, flush head	2.26	XC	B0205025DN()-()S, code XDY
MS20427M()-()	Solid rivet, flush head, monel	2.01	BF	B0205013M()-(), code XFA
MS20470A()-()S	Solid rivet, universal head, 1100	2.01	BH	
MS20470AD()-()	Solid rivet, universal head, 2117, alodined	2.01	BJ	B0205016AD()-()S, code XBJ
MS20470ADJ4()-()	Solid rivet, jacketed, universal head, 2117, alodined	2.26	XD	B0205016AD()-()S, code XBJ
MS20470B()-()	Solid rivet, protruding head, 5056	2.01	BK	
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
MS20470DD()-()	Solid rivet, universal head, 2024, anodized	2.01	CX	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
MS20470DDJ4()-()	Solid rivet, jacketed, universal head, 2024, anodized	2.26	XE	B0205016DN()-()S, code XAX, for manual installation
				B0205016KE()-()S, code XAS, for automatic installation
MS20470E()-()	Solid rivet, universal head, 7050	2.01	ATZ	
MS20605R()W()	Blind rivet, nut plate, flush head, CRES	2.63	AXN	
MS20605S()W()	Blind rivet, nut plate, flush head, steel	2.63	AXM	
MS20613-()C()	Solid rivet, universal head, CRES	2.01	LM	
MS20615-()M()	Solid rivet, universal head, monel	2.01	LN	
MS90353U()-()	Blind rivet, flush head, steel	2.40	AXC	
MS90354U()-()	Blind rivet, protruding head, steel	2.40	AXE	
NAS525-()-()	Hi-Shear rivet, flush head, NAS528 collar	2.03	BS	
NAS529-()-()	Hi-Shear rivet, protruding head, NAS528 collar	2.03	BT	
NAS1097AD()-()	Solid rivet, reduced flush head, 2117, alodined	2.01	LZ	B0205018AD()-()S, code XLZ
NAS1097B()-()	Solid rivet, flush head, shear type	2.01	MA	
NAS1097DD()-()	Solid rivet, reduced flush head, 2024, anodized	2.01	MC	B0205018DN()-()S, code ZNR, for manual installation
				B0205018KE()-()S, code XSS, for automatic installation
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
NAS1200M-()-()	Solid rivet, reduced flush head, monel.	2.01	APR	B0205015M-()-(), code XAQ
NAS1465 - 1468	Lockbolt, tension, protruding head + NAS1080 collar.	2.16	DT	
NAS1470 - 1472	Lockbolt, tension, protruding head + NAS1080P collar.	2.16	DT	
NAS1456 - 1458	Lockbolt, tension, flush head + NAS1080P collar.	2.16	DW	
NAS1460 - 1462	Lockbolt, tension, flush head + NAS1080 collar.	2.16	DW	
NAS1446 - 1452	Lockbolt, shear, protruding head + NAS1080C collar.	2.16	DX	
NAS1436 - 1442	Lockbolt, shear, flush head + NAS1080C collar.	2.16	DZ	
NAS1475	Lockbolt, tension, flush head + NAS1080 collar.	2.16	JH	
NAS1525 - 1532	Lockbolt, tension, protruding head + NAS1080D collar.	2.16	CS	
NAS9301B-()-()	Blind rivet, protruding head, 5056 aluminum sleeve and 8740 steel spindle	2.66	AYD	NAS9301E-()-()), code AYE
NAS9301E-()-()	Blind rivet, protruding head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AYE	
NAS9301EH-()-()	Blind rivet, protruding head, 5056 aluminum sleeve and 8740 steel spindle, internal lock	2.66	BBV	
NAS9302B-()-()	Blind rivet, flush head, 5056 aluminum sleeve and 8740 steel spindle	2.66	AYF	NAS9302E-()-()), code AYH
NAS9302E-()-()	Blind rivet, flush head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle.	2.66	AYH	
NAS9303B-()-()	Blind rivet, flush shear head, 5056 aluminum sleeve and 8740 steel spindle	2.66	AYJ	NAS9303E-()-()), code AYK
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
NAS9303E-()-()	Blind rivet, flush shear head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AYK	
NAS9303EH-()-()	Blind rivet, flush shear head, 5056 aluminum sleeve and 8740 steel spindle, internal lock	2.66	BBW	
NAS9304B-()-()	Blind rivet, protruding head, 5056 aluminum sleeve and 8740 steel spindle	2.66	AYL	NAS9304E-()-()), code AYM
NAS9304E-()-()	Blind rivet, protruding head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AYM	
NAS9305B-()-()	Blind rivet, flush head, 5056 aluminum sleeve and 8740 steel spindle	2.66	AYN	NAS9305E-()-()), code AYO
NAS9305E-()-()	Blind rivet, flush head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AYO	
NAS9306B-()-()	Blind rivet, flanged dome head, 5056 aluminum sleeve and 8740 steel spindle	2.66	AYP	
NAS9306E-()-()	Blind rivet, flanged dome head, 5056 aluminum sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AYR	
NAS9307M-()-()	Blind rivet, protruding head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AYS	
NAS9307ML-()-()	Blind rivet, protruding head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, IVD aluminum coating	2.66	BBB	
NAS9307MN-()-()	Blind rivet, protruding head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, epoxy spray aluminum coating	2.66	BBC	
NAS9308M-()-()	Blind rivet, flush head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AYV	
NAS9308ML-()-()	Blind rivet, flush head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, IVD aluminum coating	2.66	BBD	
Table notes on page 35. superseded replaced code changed for new design				

Table 2 - Fastener Identity Codes (sorted by fastener part number)

Fastener	Description	PPS	Code (Note 1)	Superseded or Replaced by
NAS9308MN-()-()	Blind rivet, flush head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, epoxy spray aluminum coating.	2.66	BBE	
NAS9309M-()-()	Blind rivet, flush shear head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle.	2.66	AYX	
NAS9309ML-()-()	Blind rivet, flush shear head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, IVD aluminum coating	2.66	BCS	
NAS9309MN-()-()	Blind rivet, flush shear head, Monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle, epoxy spray aluminum coating	2.66	BCT	
NAS9310C-()-()	Blind rivet, protruding head, Inconel 600 sleeve and Inconel X-750 spindle	2.66	AYZ	
NAS9310M-()-()	Blind rivet, protruding head, monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AZA	
NAS9311C-()-()	Blind rivet, flush head, Inconel 600 sleeve and Inconel X-750 spindle	2.66	AZC	
NAS9311M-()-()	Blind rivet, flush head, monel sleeve and PH15-7 Mo CRES or A-286 CRES spindle	2.66	AZD	
SB0205001AD-()-()S	Solid rivet, flush head, 2117	2.01	XA	B0205017AD-()-()S, code XBB
SB0205001E-()-()S	Solid Rivet, flush head, 7050	2.01	XC	B0205017KE-()-()S, code XVD
Table notes on page 35. superseded replaced code changed for new design				

Table 1 and Table 2 Notes

Note 1. The fastener code is found in the top left quadrant of the code identification symbol. In the event of a conflict between the rivet code specified in this table and the rivet code block on the engineering drawing, the rivet code block specified on the engineering drawing shall govern.

- Note 2.  Yellow shaded rows indicate superseded fasteners and fastener codes. Fasteners are superseded by the new item when stock of the old fastener is depleted. Old and new are **not** interchangeable. The superseding fastener can be used in place of the old fastener but not visa versa. Superseded fastener codes are inactive for new design.
- Note 3.  Blue shaded rows indicate fasteners that may be replaced. The substituted fastener is a satisfactory replacement for the fastener called out on the drawings. The drawing specified fastener and the replacement fastener are considered interchangeable. Fastener codes for replaced fasteners may be used for new design.
- Note 4.  Pink shaded rows indicate fastener codes which have changed (i.e., the fastener part number is the same but the older fastener code is inactive for new design).
- Note 5. The collar or nut used with Hi-Lok/Hi-Tigue is specified beside the code block and in the bill of material on the engineering drawing.
- Note 6. [2.01](#) or [2.38](#) - for fluid tight installation of solid rivets, refer to [PPS 2.38](#); for standard installation of solid rivets, refer to [PPS 2.01](#).