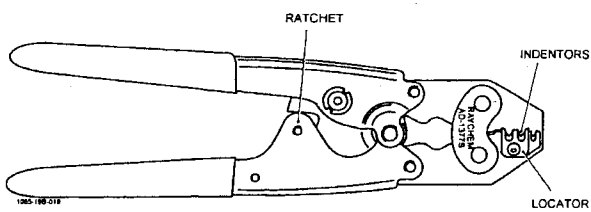


## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/9/052	DMC F1M	
<b>Short Item Name:</b>		TOOL CRIMPING - [REDACTED]		
<b>NSN:</b>		5120-99-9777558 [REDACTED]		
<b>Proprietary Supplier Details:</b> [REDACTED]				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
A [REDACTED] crimping tool with three colour coded apertures used to apply [REDACTED] post insulated splices to wire in the range 12-26 American Wire Gauge.				
<b>Photo:</b>				
				
NSN	Part No	Manufacturer	Wire Range	Description
5120-99-9777558	[REDACTED]	[REDACTED]	12-16; 16-20; 20-26 AWG	Colour Code: Yellow (Size 12-16): Blue (Size 16-20): Red (Size 20-26). Note: This colour code is not standard with other termination colour coding. This tool does not emboss a code marking.
<b>Note/Issue Remarks:</b>				
[REDACTED]				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2		[REDACTED]		15/07/2011

[REDACTED]

[REDACTED]

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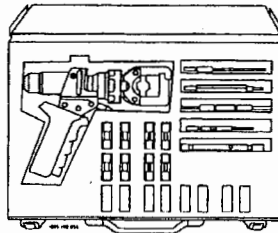
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/9/9/049	<b>DMC: F1M</b>
<b>Short Item Name:</b>	TOOLKIT CRIMPING - D3 to H25	
<b>Proprietary Supplier Details:</b>	[REDACTED]	
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Specification:**

A tool kit designed to crimp terminations code D3 to H25 onto preform terminations. Each die set in this tool kit will emboss the correct code onto the barrel of the finished crimp.

**Photo:**



NSN	Part No	Description	Notes
5120-99-8919837	[REDACTED]	D3 to H25 Crimping Toolkit – 12-4AWG	Toolkit in a case with inserts consisting of the following :
5120-99-8919831	[REDACTED]	D36 Crimping Tool	See Specification 9/4/48
5120-99-8919832	[REDACTED]	Die Set D3	See Specification 9/8/6
5120-99-8919832	[REDACTED]	Die Set E6	See Specification 9/8/6
5120-99-8919834	[REDACTED]	Die Set F10	See Specification 9/8/6
5120-99-8919835	[REDACTED]	Die Set G16	See Specification 9/8/6
5120-99-8919836	[REDACTED]	Die Set H25	See Specification 9/8/6
5120-99-3418004	[REDACTED]	Die Set I40	See Specification 9/8/6
5220-99-8919838	[REDACTED]	Gauge	See Specification 9/10/2
5220-99-8919839	[REDACTED]	Gauge	See Specification 9/10/2
5220-99-8920004	[REDACTED]	Gauge	See Specification 9/10/2
5220-99-8920005	[REDACTED]	Gauge	See Specification 9/10/2
5220-99-8920006	[REDACTED]	Gauge	See Specification 9/10/2
5220-99-8920007	[REDACTED]	Gauge	See Specification 9/10/2

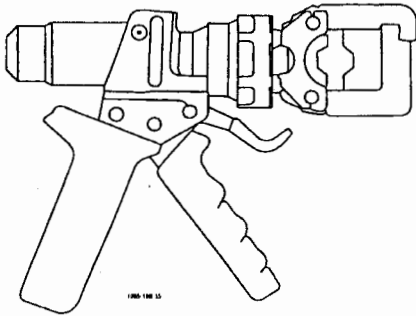
**Remarks/Notes:**

1.

<b>Status</b>	<b>Authority</b>	<b>Date Issued</b>
Issue 2	[REDACTED]	12/09/12



## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/9/9/048</b>		<b>DMC F1M</b>	
<b>Short Item Name:</b>		<b>TOOL CRIMPING</b>			
<b>NSN:</b>		<b>5120-99-8919831</b>			
<b>Proprietary Supplier Details:</b>		[REDACTED]			
<b>Standards:</b>		[REDACTED]			
<b>Material/Finish:</b>		[REDACTED]			
<b>Brief description:</b>					
A tool with interchangeable dies designed to crimp terminations code D3 to H25. These codes are directly equivalent to the [REDACTED] preform range of terminations.					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Part No</b>	<b>Manufacturer</b>	<b>Wire Range</b>	<b>Description</b>	
5120-99-8919831	[REDACTED]	[REDACTED]	12-4 AWG	Hydraulic D36 Crimping Tool This tool is not colour coded. When correctly crimped each die will emboss its own letter code (see Table 2) onto the barrel of the finished crimp	
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1		[REDACTED]		15/07/2011	

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Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/8/019	DMC F1M
<b>Short Item Name:</b>		CRIMP TOOL DIE	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Proprietary dies used Crimp Tool 5120-99-8919873			
<b>Photo:</b>			
<b>NSN</b>	<b>PART NO</b>	<b>MANUFACTURER</b>	<b>DESCRIPTION</b>
5120-99-8919894			Die Hex 5.41mm 4mm long
5120-99-8919895			Die Hex 7.01mm 5.2mm long
5120-99-8919896			Die Hex 8.64mm 6.4mm long
5120-99-8919897			Die Hex 10.9mm 8mm long
5120-99-8919898			Die Set J50
5120-99-8919899			Die Set K70
5120-99-8920000			Die Set L95
5120-99-8920001			Die Set M120
5120-99-8920002			Die Set N150
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1		15/07/2011	

[REDACTED]

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Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/9/8/006</b>	<b>DMC F1M</b>
<b>Short Item Name:</b>		<b>CRIMP TOOL DIE</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Proprietary dies used with Dubuis Crimp Tool 5120-99-8919831			
<b>Photo:</b>			
<b>NSN</b>	<b>PART NO</b>	<b>MANUFACTURER</b>	<b>DESCRIPTION</b>
5120-99-3418004			Die Set I40
5120-99-8693366			Die Set 16mm sq
5120-99-8693367			Die Set 25mm sq
5120-99-8693368			Die Set 35mm sq
5120-99-8693369			Die Set 50mm sq
5120-99-8693370			Die Set 70mm sq
5120-99-8693371			Die Set 95mm sq
5120-99-8693372			Die Set 120mm sq
5120-99-8919832			Die Set Hex 3.93mm, 2.5mm long
5120-99-8919833			Die Set Hex 4.24mm, 3.2mm long
5120-99-8919834			Die Set Hex 5.41mm, 4mm long
5120-99-8919835			Die Set Hex 7.01mm, 5.2mm long
5120-99-8919836			Die Set Hex 8.64mm, 6.4mm long
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>		<b>Date</b>
Issue 1			15/07/2011

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Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/9/8/001</b>	<b>DMC F1M</b>
<b>Short Item Name:</b>		<b>Die Set for PIDG terminals</b>	
<b>NSN:</b>		<b>5120 99 2342016</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
the proprietary dies used with [REDACTED] crimp tool frame 5120-99-3527741			
<b>Photo:</b>			
<b>NSN</b>	<b>PART NO</b>	<b>MANUFACTURER</b>	<b>DESCRIPTION</b>
5120 99 2342016	[REDACTED]	[REDACTED]	Die Set
<b>Note/Issue Remarks:</b>			
[REDACTED]			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	15/07/2011	

[REDACTED]

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Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/7/006		<b>DMC: F1H</b>	
<b>Short Item Name:</b>		CANON INSERT/EXTRACT TOOLS			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>		<p>ITT Canon Insert, Extract and Insert/Extraction tools for electrical connectors. In many cases multiple Part Numbers and suppliers exist for a single NSN.</p>			
<b>Photo:</b>					
NSN	CANON/ ASTRO/DANIELS PART NUMBER	DESCRIPTION	AWG	COMMENTS	
5120-99-9573309		Extract Tool	20	Used on DOGM, DPJM, 50ohm, 30ohm, 150ohm. Impact Canon Ring-lok Contacts	
5120-99-1301531		Extract Tool	22	Used on Centri Lok 2DD Pins. DD Connector series	
5120-00-1466559		Extract Tool	22	Used on Centri Lok 2DD Sockets. DD Connector series	
5120-99-1241001		Insert/Extract Tool	16	Canon DPJM, DPGM Connectors	
5120-00-9354498		Extract Tool	16	For use on Cannon CA-RX connector. Also DRK151	
5120-00-9415470		Extraction Tool	16	For Cannon MS-E, EX-G, CA, RX front Release connector	
5120-00-9817156		Extract	16	Used on Mil C 5105G Connectors. For MIL-C-83723	
5120-99-9721492		Extract Tool	20	Cannon. Used on KPTM Connectors	
5120-99-5194191		Insert/Extract	20	FUW Cannon D*D and D*SM Connectors	
5120-99-1241004		Extract Tool	20	For use on Cannon DPX*MA size 20 Connectors. Functional equivalent DRK 83-20	
5120-99-1241002		Tweezers	20	Used on connector D*C. Metal Tweezers	
5120-99-1370482		Extract Tool	20	Functional equivalent ATR 2080	
5120-99-9573319		Insert Tool	22-30	DAK39 Equivalent: 5/8W, 6.406 Long	
5120-99-1409445		Insert Extract	22-30	Comprises Handle Part No 204-9500-000 Qty 1, Insert Tips 323-9510-001 to-005 Qty 5, Extract Tips 324-9502-000 Qty 1	
5120-99-1369514		Insert Extract	20	Mil C 23408 Connector. Pack of 10	
5120-01-3770182		Removal, Tweezer Long Tip	20	For use with DPXME Connectors. Metal.	

Tool Specification And Validation Data Sheet

NSN	CANON/ ASTRO/DANIELS PART NUMBER	DESCRIPTION	AWG	COMMENTS
5120-00-1243885	[REDACTED]	Insert Extract	22	Connector series DPX2MA, CENTRI-K.
5120-00-9721494	[REDACTED]	Insert Tool	16	Used on RX connectors. Ring-Lok DP*M, KMB, SRC
5120-99-1241005	[REDACTED]	Insert Tool	20	Used on SRC connector series. DP*M, KQ, KR, KTM, MIL-C- 26636 Metal Interchangeable proble tool. MB, SRC
5120-99-9721495	[REDACTED]	Insert Tool	20	Used on KPTM Connector series
5120-99-1241000	[REDACTED]	Insert Tool	20	Used on KPTM Connector series
5120-99-1301533	[REDACTED]	Insert Extract	22-30	Used on 2D connector series
<b>Note/Issue Remarks:</b>				
1.				
<b>Status</b>		<b>Authority</b>		<b>Date Issued</b>
Issue 5		[REDACTED]		3/3/14

## Tool Specification And Validation Data Sheet




















<b>Specification No &amp; DMC:</b>		METS/9/7/005		<b>DMC: F1H</b>
<b>Short Item Name:</b>		GENERAL INSERT/EXTRACT TOOLS		
<b>Proprietary Supplier Details:</b>		[REDACTED]		
<b>Standards:</b>		[REDACTED]		
<b>Material/Finish:</b>		[REDACTED]		
<b>Brief description:</b>				
Insert, Extract and Insert/ Extraction tools for electrical connectors. In many cases multiple Part Numbers and suppliers exist for a single NSN.				
[REDACTED]				
NSN	PART NUMBER	DESCRIPTION	AWG	COMMENTS
5120-99-1224131	[REDACTED]	Insert Tool	20	Bendix CE connectors
5120-99-1240993	[REDACTED]	Insert Tool	16	Bendix CPT-E connectors
5120-99-1225676	[REDACTED]	Extract Tool	22	Bendix JT Series connectors
5120-99-1240745	[REDACTED]	Extract Tool	12	Amphenol. Used on 48,217 series connectors
5120-99-1240746	[REDACTED]	Extract Tool	20	Amphenol. Supersedes 5120-99-1207736. Used on 48,217 series connectors
5120-99-1240758	[REDACTED]	Extract Tool	16	Amphenol. Used on Mil C 38300 Connectors
5120-99-1240763	[REDACTED]	Extract Tool	20	Amphenol. Used on Mil C 38300 Connectors
5340-01-2754379	[REDACTED]	Insert Tool	8 GA Coaxial	Amphenol Coax
5340-01-2754380	[REDACTED]	Extract Tool	8 GA Coaxial	Amphenol Coax
5120-99-9543005	[REDACTED]	Insert Tool	16	AB (Plessey) Connectors
5120-01-5404682	[REDACTED]	Extract tool		Series 80 Contacts. 10 plastic tips with metal handle. Glenair item
5120-99-1413253	[REDACTED]	Insert/Extract Tool	20	Souriau 851 series (Framatome), MIL-C-26482 Series 1
5120-99-4658710	[REDACTED]	Insert Tool	16	Souriau 851 series (Framatome), MIL-C-26482 Series 1
5120-99-7706792	[REDACTED]	Insert/Extract Tool	16 Coaxial	Souriau. Used on 8526, PAN6432-1, Mil-C-26482 series 2
5120-99-5475392	[REDACTED]	Insert/Extract	16	Blue/White. Used on AMP RM & RME ARINC, MIL-C-81659 Series 1 Connector. Tyco
5120-99-1371236	[REDACTED]	Insert Tool	22	Hughes TWO22IT000 Steel Nose Plastic Handle 4.25" O/A L
5120-01-2237526	[REDACTED]	Tweezer	12	Used on MIL-C-26482 Series 2 Connector
5120-01-2238428	[REDACTED]	Tweezer	16	Commercial Tweezer.
5120-99-7706762	[REDACTED]	Offset Tweezers	22	Thorn Bendix
5120-01-3619603	[REDACTED]	Tweezers		Thin Line Connector Series -Collins Radio
5120-01-5394848	[REDACTED]	Insert Tool	22	
5120-99-9543007	[REDACTED]	Insert Tool		Item 558-1-00580 AB connectors
5120-99-9543008	[REDACTED]	Insert Tool		Item 558-1-00581 AB connectors

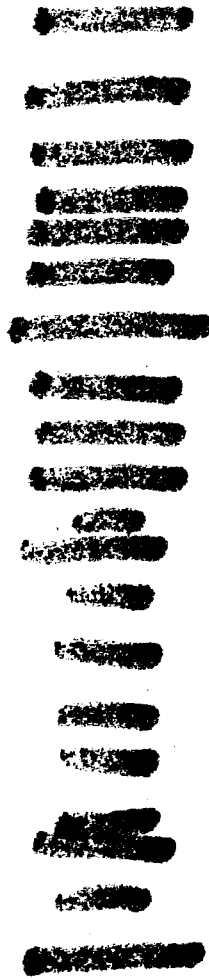
Tool Specification And Validation Data Sheet

NSN	PART NUMBER	DESCRIPTION	AWG	COMMENTS
5120-99-9543012	[REDACTED]	Insert Tool		Item 558-1-00582 AB Connectors.
5120-99-9543010	[REDACTED]	Insert Tool		Item 558-1-00583 AB connectors
5120-01-3930533	[REDACTED]	Extract tool		
5120-99-2210721	[REDACTED]	Insert/Extract	8	FUW Burndy Bantam Connectors
5120-01-1075891	[REDACTED]	Unwired Contact Tool		Removal tool with 5 probes for Mil-C-38999 series 1-4, Mil-C-23408 & Mil-C-55302 unwired contacts
5120-99-1240961	[REDACTED]	Extract Tool	20	Used on Burndy Thin line Connectors
5120-99-1371237	[REDACTED]	Extract Tool	22	Hughes TWO22RT006
5120-99-9543011	[REDACTED]	Extract Tool		
5120-01-5394847	[REDACTED]	Tweezer tool	22	Max Length 5.5 inch. Max O/D 0.061"
5120-99-7335688	[REDACTED]	Extraction Tool	16	Coax. Ident Colour black. Hughes TMC16RT008
5120-99-6391935	[REDACTED]	Extract Tool		Hypertac. GE Aviation. Aluminium body, 107mm Long, 13.8mm Dia
5120-99-5809627	[REDACTED]	Insert Tool		Knurled handle. Impact Insert, lever extract
5120-99-2524794	[REDACTED]	Insert/Extract		Black/White with an additional white adaptor (3 parts) FUW Amphenol Data Bus connections 294GB-5028.
<b>Note/Issue Remarks:</b>				
1.				
<b>Status</b>	<b>Authority</b>		<b>Date Issued</b>	
Issue 3	[REDACTED]		21/05/14	



## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/7/004		<b>DMC: F1H</b>	
<b>Short Item Name:</b>		DEUTSCH INSERT/EXTRACT TOOLS			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
Deutsch Insert, Extract and Insert/ Extraction tools for electrical connectors. In many cases multiple Part Numbers and suppliers exist for a single NSN. HAN items are used for MIL-C-5015 Han Series Connectors.					
<b>Photo:</b>					
NSN	PART NUMBER	DESCRIPTION	AWG	COMMENTS	
5120-99-4673142		Insert Tool	12	For DS,MDR,DA connectors. Orange Handle Yellow Band. Daniels Part No DAK12	
5120-00-0794599		Insert Tool	16	For DD,DTK, DPX connectors. Alternative NSN 5120-99-1241016	
5120-99-1353800		Insert Tool	22	STK and DSM series – Daniels Part No DAK 167	
5120-99-7706746		Insert/Extract	8	Red/White	
5120-99-1241015		Extract Tool	16	For DD,DTK, DPX connectors	
5120-99-1241012		Extract Tool	20	Red handle. For DD,DTK, DPX connectors	
5120-99-1353801		Insert/Extract tool	22	Item also DRK169. Used for DSM connectors	
5120-99-7537676		insert/Extract	20	Used on MIL-C-26482 Series 2 Connector	
5120-99-1243485		Insert/Extract	22	Yellow/White	
5120-00-1326858		Insert Extract	8	For use with DS Connector Size 8 Coax connector	
5120-99-7145670		Extractor Pin		HAN Connector, 16,18,20,22	
5120-99-9468841		Pin Extract Tool	14,12	HAN Series Connector. Contact ident 22 & 2.	
5120-99-9441475		Pin Extract Tool	10, 8	HAN Connectors. Contact ident 4	
5120-99-9468839		Insert Tool	16 – 22	Blue. Han Connectors. Contact ident 0,00,01,1,11	
5120-99-9468842		Insert Tool	14,12	HAN Series Connector. Contact ident 22 & 2.	
5120-99-7145668		Extract Tool	12 & 16		
5120-99-9468843		Socket Extract Tool	14,12	HAN Series Connector. Contact ident 22 & 2.	
5120-99-1241009		Insert Tool	20	DTK Series Connectors, size 20 contacts.	
<b>Note/Issue Remarks:</b>					
1.					
<b>Status</b>		<b>Authority</b>		<b>Date Issued</b>	
Issue 2				7/03/14	



## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/7/004		DMC: F1H	
<b>Short Item Name:</b>		██████████ INSERT/EXTRACT TOOLS			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
██████████ Insert, Extract and Insert/ Extraction tools for electrical connectors. In many cases multiple Part Numbers and suppliers exist for a single NSN. ██████████					
<b>Photo:</b>					
NSN	PART NUMBER	DESCRIPTION	AWG	COMMENTS	
5120-99-4673142	██████████	Insert Tool	12	██████████	
5120-00-0794599	██████████	Insert Tool	16	██████████	
5120-99-1353800	██████████	Insert Tool	22	██████████	
5120-99-7706746	██████████	Insert/Extract	8	██████████	
5120-99-1241015	██████████	Extract Tool	16	██████████	
5120-99-1241012	██████████	Extract Tool	20	██████████	
5120-99-1353801	██████████	Insert/Extract tool	22	██████████	
5120-99-7537676	██████████	Insert/Extract	20	██████████	
5120-99-1243485	██████████	Insert/Extract	22	██████████	
5120-00-1326858	██████████	Insert Extract	8	██████████	
5120-99-7145670	██████████	Extractor Pin		██████████	
5120-99-9468841	██████████	Pin Extract Tool	14,12	██████████	
5120-99-9441475	██████████	Pin Extract Tool	10, 8	██████████	
5120-99-9468839	██████████	Insert Tool	16 - 22	██████████	
5120-99-9468842	██████████	Insert Tool	14,12	██████████	
5120-99-7145668	██████████	Extract Tool	12 & 16	██████████	
5120-99-9468843	██████████	Socket Extract Tool	14,12	██████████	
<b>Note/Issue Remarks:</b>					
1.					
<b>Status</b>		<b>Authority</b>		<b>Date Issued</b>	
Issue 1		██████████		28/08/12	



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/9/7/002</b>	<b>DMC F1H</b>
<b>Short Item Name:</b>		<b>Electrical Connector Tooling</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Insert/ Extract Tools, and Plug Spanner for Plessey Connectors			
<b>Photo:</b>			
<b>NSN</b>	<b>Part No</b>	<b>Description</b>	<b>Supplier</b>
5935-99-0151263	[REDACTED]	Insert Tool Contact Size 20	AB Connectors
5935-99-0151265	[REDACTED]	Extract Tool Contact Size 20	AB Connectors
5935-99-5199827	[REDACTED]	Spanner	Tyco or FA Consulting
<b>Note/Issue Remarks:</b>			
[REDACTED]			
[REDACTED]			
[REDACTED]			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	19/04/12	

[REDACTED]

[REDACTED]

Tool Specification And Validation Data Sheet

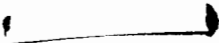
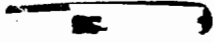



<b>Specification No &amp; DMC:</b>		METS/9/7/001	<b>DMC: F1H</b>
<b>Short Item Name:</b>		Military Specification M81969 Insert/Extract Tools	
<b>Proprietary Supplier Details:</b>		[REDACTED]	
<b>Standards:</b>		[REDACTED]	
<b>Material/Finish:</b>		[REDACTED]	
<b>Brief description:</b>			
Military Specification M81969 Insert, Extract and Insert/ Extraction tools for electrical connectors. In many cases multiple Part Numbers and suppliers exist for a [REDACTED]			
<b>Photo:</b>			
[REDACTED]			
[REDACTED]			
<b>NSN</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
5120-00-1325791	[REDACTED]	Insert/Extract	22 Green /White Metal
5120-00-1325739	[REDACTED]	Insert /Extract	[REDACTED] d/White. Used on MIL-C-1659 Series 1 Connector and Mil C 23408 Connector
5120-00-1777028	[REDACTED]	Insert Tool	22 Yellow. Used on Mil C 81511 Series Connectors
5120-00-0058054	[REDACTED]	Insert Tool	20 Red
5120-00-0075752	[REDACTED]	Insert Tool	16 Blue. Used on Mil C 81511 Series Connectors
5120-00-1777029	[REDACTED]	Extract Tool	[REDACTED]. Used on Mil C 81511 Series Connectors (Socket)
5120-00-1330096	[REDACTED]	Extract Tool	[REDACTED]. Used on Mil C 81511 Series Connectors (Socket)
5120-00-1712084	[REDACTED]	Extract Tool	16 Blue. Used on Mil C 81511 Series Connectors (Socket)
5120-00-1330155	[REDACTED]	Extract Tool	12 Yellow. Used on Mil C 81511 Series Connectors (Socket)
5120-00-1777095	[REDACTED]	Extract Tool	23 Yellow/Black. Used on Mil C 81511 Series Connectors (Pin)
5120-00-0064536	[REDACTED]	Extract Tool	[REDACTED] Blue/Black. Used on Mil C 81511 Series Connectors (Pin)
5120-00-1330147	[REDACTED]	Extract Tool	12 Yellow/Black. Used on Mil C 81511 Series Connectors (Pin)
5120-00-2519503	[REDACTED]	Extract Tool	22D [REDACTED] en. Used on MIL-C-38999, MIL-C-55302, MIL-T-81714, MIL-C 83733 Front Release connector
5120-00-1466558	[REDACTED]	Tweezer	22M Green/White. Mil C 23408 Connector
5120-99-1225677	[REDACTED]	Tweezer	[REDACTED] Green/White.
5120-99-1225678	[REDACTED]	Tweezer	[REDACTED]
5120-01-3358658	[REDACTED]	Insert Tool	26 [REDACTED] For use with Mil C 38999 connectors
5120-00-1330149	[REDACTED]	Extract Tool	29 [REDACTED] d/White. Used on Mil C 81511 Series Connectors (Pin)
5120-00-4095206	[REDACTED]	Extract Tool	16 [REDACTED] Blue/White Also DRK 95-16. Used on Mil 38999 and Mil C 55302 connectors
5120-00-0180575	[REDACTED]	Insert/Extract	22D Green/White

Tool Specification And Validation Data Sheet

NSN	PART NUMBER	DESCRIPTION	AWG	COMMENTS
5120-00-9154587		Insert/Extract	20	Red /White
5120-00-9154588		Insert/Extract	16	Blue / White For Use with Mil-C-26482, Mil-C-81703, Mil-C-83733, Mil-C-83723, Mil-C-5015 connectors.
5120-00-1573138		Insert/Extract	12	Yellow/ White
5120-01-3303822		Insert/Extract	20	Red Insert, Orange Extract For use with Mil-C-38999and Mil 55302 rear release connectors.
5120-01-3670276		Extract	8	For Use with Mil-C-38999 Connectors
5120-99-5433614		Insert/Extract	20	<b>Red/White. Mil-C-81511 Series 3 &amp; 4</b>
5120-00-1325218		Insert/Extract	16	Blue/White
5120-00-1325451		Insert/Extract	12	Yellow/White
5120-99-5433613		Insert/Extract	23	Green /White. For use with M81511 Connector <b>Series 3 &amp; 4. Alternative NSN 5120-00-1325808.</b>
5120-00-0794598		Insert Tool	20	Metal probe Red Handle. For use with MIL-C-26482, MIL-C-26500, MIL-C-26518, MIL-C-81703 front release connectors. <b>Alternative NSN 5120-99-1378929, 5120-99-120-7735</b>
5120-99-1374847		Insert Tool	20	Metal probe Red Handle
5120-00-0794600		Insert Tool	12	Yellow
5120-00-1321960		Insert tool	8	Metal Probe Red handle. Front Release Mil-C-26518, Mil-C-5015 connectors.
5120-00-1321961		Insert Tool	4	Metal Probe Blue Handle For use with Mil-C-26518, Mil-C-5015, Mil-C-26500. Also DAK55-4.
5120-00-1321979		Insert Tool	0	Metal Probe Yellow handle. Front Release Mil-C-26518, Mil-C-5015, Mil C 26500 connectors.
5120-00-9307504		Insert Tool	16/20	Green. For use with Mil-C-28748 Connector. Metal Tip, Plastic Handle. Also DAK 123
5120-00-1330168		Extract Tool	8	Metal probe+ plunger Red Handle For use on Mil-C-5015, Mil-C-26482 (Series 1), Mil-C-26500, Mil-C-26518 Connectors
5120-99-7283876		Extract Tool		Functional equivalent AMP 91074-1
5120-00-1330144		Extract Tool	8	Colour code Red For use with Mil-C-5015 Front Release connector. Plastic,
5120-00-1330366		Unwired Pin Extractor	20	<b>Black/Red</b>
5120-00-1330367		Unwired Pin Extractor	16	<b>Black/Blue</b>
5120-00-1044066		Kit, Unwired Contact Extract		Used on MIL-C-26482 Series 1 Connector



Tool Specification And Validation Data Sheet

NSN	PART NUMBER	DESCRIPTION	AWG	COMMENTS
5120-00-1489843		Extract Tool	20	<b>Silver/Red.</b> For use with MIL-C-83733, MIL-C-5015, MIL-C-26482 Series Connectors. Plastic probe, Metal Plunger, Red probe identification.
5120-00-1489844		Extract Tool	16	<b>Silver/Blue.</b> For use with MIL-C-83733, MIL-C-5015, MIL-C-26482 Series Connectors. Plastic probe, Metal Plunger, Blue probe identification
5120-00-1489845		Extract Tool	12	<b>Silver/Yellow.</b> For use with MIL-C-83733, MIL-C-5015, MIL-C-26482 Series Connectors. Plastic probe, Metal Plunger, Yellow probe identification
5120-00-1320396		Insert/Extract	20	Insert Green/ Extract White For use with Mil-C-24308 rear release connectors.
<b>Note/Issue Remarks:</b>				
1.				
<b>Status</b>		<b>Authority</b>		<b>Date Issued</b>
Issue 2				28/08/12

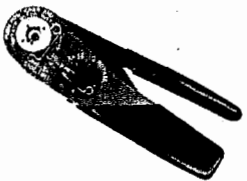
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Tool Specification And Validation Data Sheet


<b>Specification No &amp; DMC:</b>	<b>METS/9/5/027</b>	<b>DMC F1M</b>
<b>Short Item Name:</b>	<b>CRIMPING TOCL</b>	
<b>NSN:</b>	<b>5120-01-5950058</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Crimping tool black/ blue handles.              8 Position die selector.              7.5" long, 0.75" deep, 4.5" wide handles open, 2" handles closed</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Part Number</b>	
5120-01-5950058		
<b>Note/Issue Remarks:</b>		
<p><del>_____</del>  <del>_____</del>  <del>_____</del></p>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	23/4/12

[REDACTED]

[REDACTED]

[REDACTED]

### Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/2/013		DMC: F1M	
<b>Short Item Name:</b>		K SERIES POSITIONERS			
<b>Proprietary Supplier Details:</b>					
[REDACTED]					
<b>Standards:</b>					
[REDACTED]					
<b>Material Finish:</b>					
[REDACTED]					
<b>Brief description:</b>					
Table 1 details the "K" series Positioners used with Daniels/Erma ASTRO Crimp Tools					
[REDACTED]					
<b>Photo:</b>					
[REDACTED]					
					
<b>NSN</b>	<b>MIL SPEC</b>	<b>[REDACTED]</b>	<b>PART NO</b>	<b>DESCRIPTION</b>	<b>REMARKS</b>
5120-00-1145132	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
[REDACTED] 5120-00-376856	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-99-5206910	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
No NSN	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-00-3487619	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
[REDACTED] 5120-99-6249219	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-2476715	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
[REDACTED] 5120-01-2476716	-	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5120-01-3619651	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
No NSN	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-3395723	-	[REDACTED]	[REDACTED]	Positioner with straightener	[REDACTED]
5120-01-0968487	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-3395721	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-14-3654919	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
2950-99-7383852	-	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]



Tool Specification And Validation Data Sheet

NSN	MIL SPEC	PART NO	PART NO	DESCRIPTION	MARK
5120-99-3222835	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-6244076		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-4664231		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5269348		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-99-7229003	-	[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-99-7257408		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5269349		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-4664233		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-99-1305192		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5136778		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5136761		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5136780		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5136781		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5136784		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-5136766		[REDACTED]	[REDACTED]	Positioner	[REDACTED]
5120-01-1711569	-	[REDACTED]	[REDACTED]	Positioner Adj	[REDACTED]
5120-01-5136783		[REDACTED]	[REDACTED]	Positioner	[REDACTED]

Notes/Issue Remarks:

Status	Authority	Date Issued
Issue 4	[REDACTED]	22/1/14

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/2/008	<b>DMC: F1M</b>
<b>Short Item Name:</b>		POSITIONERS - USED WITH GS 212 CRIMP TOOL	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Table 1 details the Positioners used with GS 212 Crimp Tool			
<b>Photo:</b>			
 <p>GP1120</p>			
<b>NSN</b>		<b>DESCRIPTION</b>	<b>REMARKS</b>
5120-01-5136767		Positioner	Amphenol Outer Socket Contact Also Codified under NSN 5120-99-7507037
5120-01-5136768		Positioner	Amphenol Contacts Size 12
5120-01-5136765		Positioner	Sabritec 58795-SL-16
5120-01-5136760		Positioner	Sabritec 58795-SL-10
<b>Note/Issue Remarks:</b>			
			
<b>Status</b>		<b>Authority</b>	<b>Date Issued</b>
Issue 3			25 Jun 13


[Redacted]

[Redacted]

[Redacted]

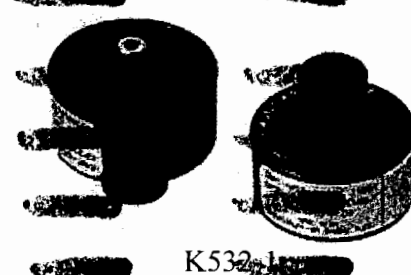


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/9/2/006		<b>DMC: F1M</b>	
<b>Short Item Name:</b>		Military Standard Turret Heads Used With Crimp Tool M22520/1-01			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b> Table 1 details the Military Specification Turret Heads and Positioners used with Crimp Tool M22520/1-01					
<b>Photo:</b>					
 TP651					
NSN	MIL SPEC	PART NO	PART NO	DESCRIPTION	REMARKS
5120-00-0166382	M22520/1-02	[REDACTED]	[REDACTED]	Turret Head	Alternative NSN 5120-01-3358834
5120-00-0166554	M22520/1-03	[REDACTED]	[REDACTED]	Turret Head	For all MRAC terminals Alternative NSN 5120-01-3358835
5120-00-0167582	M22520/1-04	[REDACTED]	[REDACTED]	Turret Head	Alternative NSN 5120-01-3358836
5120-00-1653911	M22520/1-05	[REDACTED]	[REDACTED]	Turret Head (Adj)	Alternative NSN 5120-01-3358583
5120-00-0167654	M22520/1-08	[REDACTED]	[REDACTED]	Turret Head	
5120-01-3358838	M22520/1-12	[REDACTED]	[REDACTED]	Turret Head	Alternative NSN 5120-01-0369220
5120-01-0369221	M22520/1-13	[REDACTED]	[REDACTED]	Turret Head	
5120-01-0369222	M22520/1-14	[REDACTED]	[REDACTED]	Turret Head	
5120-01-0369223	M22520/1-15	[REDACTED]	[REDACTED]	Turret Head	Alternative NSN 5120-01-3358589
5120-01-0856103	M22520/1-17	[REDACTED]	[REDACTED]	Turret Head	
<b>Remarks/Notes:</b> [REDACTED]					
<b>Status</b>		<b>Authority</b>		<b>Date Issued</b>	
Issue 3		[REDACTED]		27/08/12	



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/9/2/004	<b>DMC: F1M</b>
<b>Short Item Name:</b>	POSITIONERS – MILITARY STANDARD USED WITH CRIMP TOOL 5120-00-1653910 (M22520/2-01)	
<b>Proprietary Supplier Details:</b>	[REDACTED]	
<b>Standards:</b>	[REDACTED]	
<b>Material/Finish:</b>	[REDACTED]	
<b>Brief description:</b>	Table 1 details the Military Standard Positioners used with Crimp Tool 5120-00-1653910 [REDACTED]	
<b>Photo:</b>		

NSN	MIL SPEC	[REDACTED]	[REDACTED] PART NO	DESCRIPTION	REMARKS
5120-00-1653913	M22520/2-02	[REDACTED]	[REDACTED]	Positioner	MS 3198-1PA&1P supersedes 77PS1653913
5120-00-0167657	M22520/2-03	[REDACTED]	[REDACTED]	Positioner	MS 3198-2PA&2P supersedes 77PS1653913. Alternative NSNs 5120-00-01633657 & 5120-01-3358593
5120-01-3358594	M22520/2-04	[REDACTED]	[REDACTED]	Positioner	
5120-01-3358595	M22520/2-05	[REDACTED]	[REDACTED]	Positioner	
5120-00-0173809	M22520/2-06	[REDACTED]	[REDACTED]	Positioner	MS 3198-6P Alternative NSN 5120-01-3358624
5120-00-0173827	M22520/2-07	[REDACTED]	[REDACTED]	Positioner	MS 3198-7P Alternative NSN 5120-01-3358625
5120-00-0173921	M22520/2-08	[REDACTED]	[REDACTED]	Positioner	MS 3198-5P Alternative NSN 5120-01-3358626
5120-00-0173927	M22520/2-09	[REDACTED]	[REDACTED]	Positioner	MS 3198-8P Alternative NSN 5120-01-3358627
5120-00-0173932	M22520/2-10	[REDACTED]	[REDACTED]		Alternative NSN 5120-01-3358628
5120-00-0173934	M22520/2-11	[REDACTED]	[REDACTED]	Positioner	Alternative NSN 5120-01-3358629
5120-00-0173935	M22520/2-12	[REDACTED]	[REDACTED]	Positioner	Alternative NSN 5120-01-3358630

**Tool Specification And Validation Data Sheet**

NSN	MIL SPEC			DESCRIPTION	REMAR.
5120-00-1326939	M22520/2-13			Positioner	Alternative NSNs 5120-01-3358631 & 5120-01-3358631
5120-00-1326962	M22520/2-14			Positioner	Alternative NSN 5120-01-3358632 & 5120-01-3358632
5120-01-3358633	M22520/2-15			Positioner	
5120-00-1327868	M22520/2-16			Positioner	Alternative NSN 5120-01-3358634
5120-00-1327893	M22520/2-17			Positioner	Alternative NSN 5120-01-3358635
5120-01-3358636	M22520/2-18			Positioner	
5120-01-2011378	M22520/2-19			Positioner	Alternative NSN 5120-00-1327872 & 5120-01-3358637
5120-01-3358638	M22520/2-20			Positioner	Alternative NSN 5120-00-1329004
5120-00-1320029	M22520/2-21			Positioner	Alternative NSN 5120-01-3358609
5120-99-1370491	M22520/2-22			Positioner	Alternative NSN 5120-01-3358610
5120-01-1063731	M22520/2-23			Positioner	Alternative NSN 5120-01-3358611
5120-00-3487531	M22520/2-24			Positioner	Alternative NSN 5120-01-3358612
5120-01-3358613	M22520/2-25			Positioner	
5120-01-3358614	M22520/2-26			Positioner	
5120-00-1326928	M22520/2-27			Positioner	Alternative NSN 5120-01-3358615
5120-01-3358616	M22520/2-28			Positioner	
5120-01-3358617	M22520/2-29			Positioner	
5120-01-3358618	M22520/2-30			Positioner	
5120-01-3358619	M22520/2-31			Positioner	
5120-01-1915898	M22520/2-32			Positioner	Alternative NSN 5120-01-3358620
5120-01-3358622	M22520/2-34			Positioner	TIALD
5120-01-2094944	M22520/2-35			Positioner	Alternative NSN 5120-01-3358623
5120-01-24893	M22520/2-36			Positioner	Alternative NSN 5120-01-3358596
5120-01-3619666	M22520/2-37			Positioner	TIALD
<b>Note/Issue Remarks:</b>					
<b>Status</b>		<b>Authority</b>		<b>Date Issued</b>	
Issue 3				17/08/12	

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/8/4/006</b>	<b>DMC HTC8</b>
<b>Short Item Name:</b>		<b>Torque multiplier accessories -</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Accessories for use with [redacted] torque multiplier.			
<b>Photo:</b>			
<b>NSN</b>	<b>Item</b>	<b>Sizes (mm)</b>	<b>Part Number</b>
5120-99-1298831	Reaction bar	280 L x 25 DIA	[redacted]
5140-99-4207652	Case	365 L x 120 H x 260 W	[redacted]
5120-99-5451651	Adaptor	3/4" ■ x 3/4" ■	[redacted]
5120-99-3739528	Reaction foot	140 L x 140 H x 40 W	[redacted]
□ Indicates female square drive form. ■ Indicates male square drive form.			
<b>Note/Issue Remarks:</b>			
[redacted]			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[redacted]	15/07/2011	



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/8/4/005		DMC HTC8
<b>Short Item Name:</b>		Torque multiplier		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Torque multiplier (5:1). Supplied either as a kit in a plastic box with two reaction bar styles for maximum versatility, or as a replacement head unit only				
<b>Photo:</b>				
<b>NSN</b>	<b>Drive size (ins)</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Part Number (Kit/head only)</b>
5180-99-7862391	1/2" □, 3/4" ■	1300 Nm	960 lbf.ft	
5120-99-3728742	3/4" □, 1" ■	2700 Nm	2000 lbf.ft	
5120-99-3564384	1/2" □, 3/4" ■	1300 Nm	960 lbf.ft	
5120-99-1385229	3/4" □, 1" ■	2700 Nm	2000 lbf.ft	
□ Indicates female square drive form. ■ Indicates male square drive form.				
<b>Note/Issue Remarks:</b>				
[Redacted]				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Issue 1	[Redacted]	15/07/2011		





## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/8/2/33	DMC: HTC8
<b>Short Item Name:</b>	Torque Handle –	
<b>Proprietary Supplier Details:</b>	[REDACTED]	
<b>Standards:</b>	[REDACTED]	
<b>Material/Finish:</b>	Satin chrome plate body	

**Brief description:**

The [REDACTED] series of adjustable ratchet wrenches are bi-directional and have a dual-scale micrometer adjustment for simple and error free setting. Comfortable, durable handles consisting of base material for strength overlaid with a soft grip for comfort and slip resistance. The handle material and lens are chemical resistance.

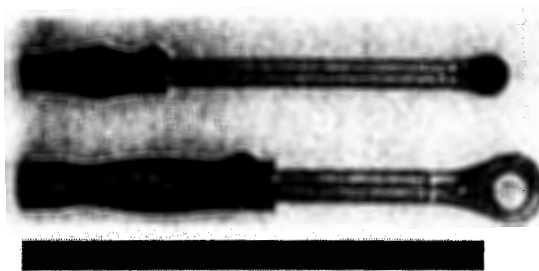
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**Photo:**



NSN	Drive size (ins)	Range (ISO)	Range (Imperial)	Length (mm)	Part Number or Model
5120-99-3444194	1/4"	1 – 20 Nm	10 – 180 lbf.in	230	
5120-99-3137261	3/8"	1 – 20 Nm	10 – 180 lbf.in	230	
5120-99-1540947	3/8"	8 – 50 Nm	6 – 35 lbf.ft	329	
5120-99-1540949	1/2"	8 – 50 Nm	6 – 35 lbf.ft	329	
5120-99-8637718	3/8"	12 - 60 Nm	7.5 – 45 lbf.ft	350	
5120-99-5551922	1/2"	12 - 60 Nm	7.5 – 45 lbf.ft	350	
5120-99-3030645	3/8"	20 - 100 Nm	15 – 75 lbf.ft	405	
5120-99-5098110	1/2"	20 - 100 Nm	15 – 75 lbf.ft	405	
5120-99-3913621	1/2"	30 - 150 Nm	20 – 110 lbf.ft	455	
5120-99-3432040	1/2"	40 - 200 Nm	30 – 150 lbf.ft	505	
5120-99-2708751	1/2"	50 - 250 Nm	40 – 185 lbf.ft	560	
5120-99-9158999	1/2"	60 - 300 Nm	45 – 220 lbf.ft	610	

**Note/Issue Remarks:**

1.

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	21/05/14



## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/8/2/023	DMC HTC8			
<b>Short Item Name:</b>	Torque Handle - [REDACTED]				
<b>Proprietary Supplier Details:</b>	[REDACTED]				
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
<p>The [REDACTED] mechanical break torque wrench uses a torque indicating mechanism both audible and feel (impulse) and has a permanent setting scale embossed into the circular body that is covered/uncovered by the handle during adjustment. A push through (user replaceable) square drive allows wrench to be turned over for use with left-hand threads and the drive head on certain models has a ratchet operation using friction ball drive. Conforms to ISO 6789:1992.</p> <p>* Indicates ratchet mechanism</p>					
<b>Photo:</b>					
<b>NSN</b>	<b>Drive size (ins)</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Length (mm)</b>	<b>Part Number</b>
5120-99-1202793	3/8"	2.3 - 11 Nm	20 - 100 lbf.in	318	[REDACTED]
5120-99-1385583	3/8"	5 - 33 Nm	40 - 300 lbf.in	422	[REDACTED]
5120-99-1207077	1/2"	12 - 68 Nm	10 - 50 lbf.ft	476	[REDACTED]
No NSN	1/2"	25 - 135 Nm	20 - 100 lbf.ft	546	[REDACTED]
5120-99-1202795	1/2"	25 - 135 Nm	20 - 100 lbf.ft	555	[REDACTED]
5120-99-1278258	1/2"	50 - 225 Nm	40 - 160 lbf.ft	597	[REDACTED]
No NSN	1/2"	70 - 330 Nm	50 - 250 lbf.ft	835	[REDACTED]
5120-99-1209379	1/2"	70 - 330 Nm	50 - 250 lbf.ft	840	[REDACTED]
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>	<b>Authority</b>	<b>Date</b>			
Issue 2	[REDACTED]	28/8/13			



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/8/2/019</b>		<b>DMC HTC8</b>	
<b>Short Item Name:</b>		<b>Torque Handle</b>			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
<p>The [redacted] is click-type torque wrenches feature an innovative design that provides consistently accurate readings and rugged trouble free performance. Reversible operation, plus some models also have a sealed ratchet head that is maintenance free. Conforms to ASME B107 - 2005.</p>					
<b>Photo:</b>					
<b>NSN</b>	<b>Drive size (ins)</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Length (ins)</b>	<b>Part Number</b>
5120-99-4533423	1/4"	50 - 250 dNm	-----	11-3/4	[redacted]
5120-01-4779530	1/4"	-----	10 - 50 lbf.in	9-7/8	[redacted]
5120-00-1777065	1/4"	-----	40 - 200 lbf.in	11-1/16	[redacted]
5120-01-3551734	3/8"	-----	5 - 75 lbf.ft	15-3/4	[redacted]
5120-01-3551736	3/8"	-----	20 - 100 lbf.ft	15-9/16	[redacted]
5120-01-3390368	3/8"	-----	40 - 200 lbf.in	11-1/16	[redacted]
5120-01-4966664	1/2"	-----	30 - 150 lbf.ft	19	[redacted]
5120-01-4968969	1/2"	-----	320 - 1600 lbf.in	19	[redacted]
5120-01-3551742	3/4"	-----	120 - 600 lbf.ft	42-3/4	[redacted]
* Indicates ratchet mechanism					
<b>Note/Issue Remarks:</b>					
[redacted]					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1		[redacted]		15/7/11	




Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/8/2/021		DMC HTC8	
<b>Short Item Name:</b>		Torque Handle - [REDACTED]			
<b>Proprietary Supplier Details:</b>		[REDACTED]			
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
<p>The [REDACTED] dial measuring torque wrenches are fitted with an audio visual warning device that alerts the operator when the user set torque has been reached. Wrenches are robust and have an overload protection feature, thereby guaranteeing years of accurate and dependable service. All models are fitted with double-ended ratcheting square drive allowing torque to be applied in both clockwise and anti-clockwise directions. Designed and manufactured to exceed the requirements of ISO 6789:2003.</p>					
<b>Photo:</b>					
<b>NSN</b>	<b>Drive size (ins)</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Length (mm)</b>	<b>Model (Part Number)</b>
5120-99-7992613	1/4"	0.8 - 4.0 Nm	7 - 35 lbf.ft	244	[REDACTED]
5120-99-7992614	3/8"	2.4 - 12 Nm	24 - 120 lbf.in	244	[REDACTED]
5120-99-7992615	3/8"	5 - 25 Nm	48 - 240 lbf.in	244	[REDACTED]
5120-99-7992616	3/8"	5 - 25 Nm	4 - 20 lbf.ft	244	[REDACTED]
5120-99-7822337	3/8"	8 - 40 Nm	72 - 360 lbf.in	244	[REDACTED]
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>	<b>Authority</b>			<b>Date</b>	
Issue 1	[REDACTED]			15/7/11	



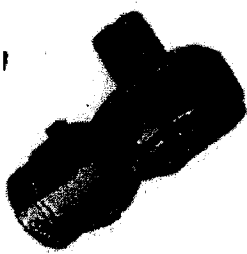


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/8/2/017</b>	<b>DMC: HTC8</b>	
<b>Short Item Name:</b>		<b>Torque Handle End Fittings -</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material Finish:</b>				
<b>Brief description:</b>				
End fittings for torque wrenches which utilise a 16mm spigot on the driving end.				
<b>Photos:</b>				
				
<b>Part No</b>	<b>Size (ins or mm)</b>	<b>End Type</b>	<b>Drive Size/Form</b>	<b>Part Number</b>
5120-99-7692806	7/16"	Flare	----	
5120-99-6604880	1/2"	Flare	----	
5120-99-4137764	9/16"	Flare	----	
5120-99-3005727	5/8"	Flare	----	
5120-99-4504255	11/16"	Flare	----	
5120-99-8916763	3/4"	Flare	----	
5120-99-4042221	15/16"	Flare	----	
5120-99-7570785	1.0"	Flare	----	
5120-99-3094585	10 mm	Flare	----	
5120-99-7582532	11 mm	Flare	----	
5120-99-7888277	13 mm	Flare	----	
5120-99-7654222	14 mm	Flare	----	
5120-99-0246786	15 mm	Flare	----	
5120-99-7893009	17 mm	Flare	----	
5120-99-1124114	27 mm	Flare	----	
5120-99-1687867	7 mm	Open jaw	----	
5120-99-7948613	8 mm	Open jaw	----	
5120-99-4306247	9 mm	Open jaw	----	
5120-99-9718503	10 mm	Open jaw	----	
5120-99-0214783	11 mm	Open jaw	----	
5120-99-9564836	12 mm	Open jaw	----	
5120-99-7983435	13 mm	Open jaw	----	
5120-99-8461878	14 mm	Open jaw	----	
5120-99-7981995	15 mm	Open jaw	----	
5120-99-7003461	16 mm	Open jaw	----	
5120-99-4998681	17 mm	Open jaw	----	
5120-99-0962873	18 mm	Open jaw	----	
5120-99-9404984	19 mm	Open jaw	----	
5120-99-7981996	21 mm	Open jaw	----	
5120-99-7370306	22 mm	Open jaw	----	
5120-99-2998583	24 mm	Open jaw	----	
5120-99-9773034	5/16"	Open jaw	----	



## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/8/2/016</b>	<b>DMC HTC8</b>	
<b>Short Item Name:</b>		<b>Torque Handle End Fittings – Rahsol, 16 mm Spigot</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Reversible ratchet end fittings for torque wrenches which utilise a 16mm spigot on the driving end.				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Size (Ins or mm)</b>	<b>End Type</b>	<b>Drive Size/Form</b>	<b>Part Number</b>
5120-12-3370235	1/2"	SD Ratchet	Reversible, Ball locking	
5120-99-1516280	1/2"	SD Ratchet	Reversible, Pin locking	
5120-99-7259817	3/8"	SD Ratchet	Reversible, Ball locking	
5120-99-1516279	3/8"	SD Ratchet	Reversible, Pin locking	
5120-99-7056657	3/8"	SD	Fixed Head	
5120-99-3349028	1/2"	SD	Fixed Head	
5120-99-2085169	1/2"	SD Ratchet	1/2" Push through	
<b>Note/Issue Remarks:</b>				
1.				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2		[REDACTED]		15/7/11



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/8/2/015</b>	<b>DMC HTC8</b>		
<b>Short Item Name:</b>	<b>Torque Handle</b>			
<b>Proprietary Supplier Details:</b>	[REDACTED]			
<b>Standards:</b>	[REDACTED]			
<b>Material/Finish:</b>	[REDACTED]			
<b>Brief description:</b>				
An adjustable torque wrench utilising a 16mm driving spigot fitted with a spring-loaded ball for accessory retention. Torque setting indicated in a setting window within the handle.				
<b>Photo:</b>				
<b>NSN</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Length (mm)</b>	<b>Part No (Model)</b>
5120-99-8264049	4-20 Nm	40-180 lbf ins	210	[REDACTED]
5120-99-4456740	8-60 Nm	5-45 lbf ft	301	[REDACTED]
* 5120-99-6601548	20-100 Nm	15-80 lbf ft	340	[REDACTED]
5120-99-6671071	40-200 Nm	30-150 lbf ft	423	[REDACTED]
5120-99-6237335	60-300 Nm	45-220 lbf ft	548	[REDACTED]
* Includes NSN 5120-99-2429400				
<b>Note/Issue Remarks:</b>				
[REDACTED]				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Issue 1	[REDACTED]	15/7/11		



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/8/2/011		DMC HTC	
<b>Short Item Name:</b>		Torque Handle - (			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
<p>This Industrial series of ratchet wrenches are part of _____ series of torque setting wrenches. The push through square drive allows the wrench to be used in both the clockwise and ant-clockwise directions.</p>					
<b>Photo:</b>					
NSN	Drive size (ins)	Range (ISO)	Range (Imperial)	Length (mm)	Part Number or Model
No NSN	3/8"	8 - 60 Nm	5 - 45 lbf.ft	312	[REDACTED]
No NSN	1/2"	8 - 60 Nm	5 - 45 lbf.ft	320	
No NSN	3/8"	20 - 100 Nm	15 - 80 lbf.ft	353	
No NSN	1/2"	20 - 100 Nm	15 - 80 lbf.ft	359	
No NSN	1/2"	40 - 200 Nm	30 - 150 lbf.ft	442	
5120-99-7944365	1/2"	60 - 300 Nm	45 - 220 lbf.ft	570	
No NSN	1/2"	60 - 330 Nm	45 - 250 lbf.ft	683	
No NSN	3/4"	80 - 400 Nm	60 - 300 lbf.ft	683	
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1		[REDACTED]		15/7/11	





Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/8/2/009</b>		<b>DMC HTC8</b>	
<b>Short Item Name:</b>		<b>Torque Handle – Torqueleader CDS, DDS &amp; EDS</b>			
<b>Proprietary Supplier Details:</b>		[REDACTED]			
<b>Standards:</b>		[REDACTED]			
<b>Material/Finish:</b>		[REDACTED]			
<b>Brief description:</b>					
<p>These [REDACTED] dial measuring torque wrenches are fitted with an audio visual warning device that alerts the operator when the user set torque has been reached. Wrenches are robust and have an overload protection feature, thereby guaranteeing years of accurate and dependable service. All models are fitted with double-ended ratcheting square drive allowing torque to be applied in both clockwise and anti-clockwise directions. EDS wrenches have a two-piece handle to allow for easy storage. Designed and manufactured to exceed the requirements of ISO 6789:2003.</p>					
<b>Photo:</b>					
<b>NSN</b>	<b>Drive size (ins)</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Length (mm)</b>	<b>Model (Part Number)</b>
5120-99-7992619	3/4"	80 - 400 Nm	60 - 300 lbf.ft	710	[REDACTED]
5120-99-7992620	3/4"	160 - 800 Nm	120 - 600 lbf.ft	1000	[REDACTED]
No NSN	1"	280 - 1400 Nm	200 - 1000 lbf.ft	2040	[REDACTED]
No NSN	1"	400 - 2000 Nm	300 - 1500 lbf.ft	2040	[REDACTED]
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1		[REDACTED]		15/7/11	



## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/8/2/001</b>		<b>DMC HTC8</b>	
<b>Short Item Name:</b>		<b>Torque Handle – [REDACTED]</b>			
<b>Proprietary Supplier Details:</b>		[REDACTED]			
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
<p>The [REDACTED] break-back torque handles utilise captive pin attachment method are adjustable pre-set (non graduated) with a bi-directional operation utilising a 20° degree breaking action that reduces the possibility of over-tightening by clearly indicating to the operator when the pre-set torque has been reached; angle can be increased to 90° when collar is removed. They have a range of end fittings and are supplied with 3 &amp; 5mm Hex keys and profiled adjusting key. Designed and manufactured to exceed the requirements of ISO6789:2003.</p>					
<b>Photo:</b>					
<b>NSN</b>	<b>Drive size (ins)</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Length (mm)</b>	<b>Part Number (Model)</b>
5120-99-4067435	Captive Pin	0.2 – 2.0 Nm	1.8 – 18 lbf in	105	[REDACTED]
5120-99-3215305	Captive Pin	1.0 – 10.0 Nm	9 - 89 lbf in	105	[REDACTED]
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1		[REDACTED]		15/7/11	



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/8/1/007</b>	<b>DMC HTC8</b>
<b>Short Item Name:</b>	<b>Torque Limiting Screwdriver -</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief Description:</b>	Pre-set torque screwdriver (sealed type) with audible and feel impulse setting indication.	

**Photo:**

NSN	Drive Surface/End Size	Torque Setting	Handle/Cap Colour	Length	Part Number
5120-99-1387066	4 UNC 1/8" AF	7 lbf in	Black	6.5	
5120-99-7465678	10 UNC	24 lbf in	Red/Blue	6	
5120-99-1242462	4 UNC 1/8"AF	3.5 lbf in	Green	6	
5120-99-1242461	4 UNC 3/16"AF	3.5 lbf in	Red/Black	6	
5120-99-1385585	4 UNC 3/16"AF	12 lbf in	Or./Green.	4.75	
5120-99-7465677	4-40 UNC 4BA	5 lbf in	Wh./Blue	6	
5120-99-1242460	6 UNC 1/4"AF	9 lbf in	Wh./Black	6	
5120-99-1242463	6 UNC 5/32"AF	9 lbf in	Br./Black	6	
5120-99-1379721	6 UNC 5/32"AF	9 lbf in	Br./Black	4.75	
5120-99-1242464	8 UNC 3/16"AF	15 lbf in	Or./Black	6	
5120-99-1393058	4 UNC 3/16"AF	3.0 lbf in	Or./Yellow	6.5	
5120-99-1242861	10-24 UNF 3/8"AF	22 lbf in		6.5	
5120-99-1242465	10 UNF 1/4"AF	22 lbf in	Grey/Black	6	
5120-99-1242466	10 UNF 5/16"AF	24 lbf in	Black/Yell.	6.5	
5120-99-1370596	10 UNF 5/16"AF	9 lbf in	Grey/Yell.	6.5	
5120-99-1242457	2 BA	24 lbf in	Blue/Yell.	6	
5120-99-1242458	4 BA	12 lbf in	Wh./Yell.	6	
5120-99-7573130	6 BA	10 ozf in	Blue/Or.	6.0	
5120-99-1242459	6 BA	7 lbf in	Red/Yell.	6	
5120-99-8419510	8 BA	4 lbf in	Green/Yell.	6	
5120-99-1278037	10BA/ 1/8"AF	20 lbf in	Blue/Black	12.5	
5120-99-1278038	8BA/ 5/32"AF	40 lbf in	Green/Black	12.5	
5120-99-9777092	5 mm	2 Nm	Black/Or.	9.0	
5120-99-1278032	Flat point 12 BA (0.090")	12 ozf in	Brown/Black	12.5	
5120-99-1278034	Flat point 8 BA (0.150")	40 ozf in	Green/Black	12.5	
5120-99-1278036	Flat point 4 BA	170 ozf in	Black	12.5	
5120-99-1380161	Flat point 1/8" (0.026" thick)	20 ozf in	Blue/Black	6.0	
5120-99-4653829	Flat point	2.5-3.5ozf in	Brown/Yell.	6.0	


Or. = Orange, Wh. = White, Br. = Brown, Yell. = Yellow

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1		15/07/2011





## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/7/9/002</b>	<b>DMC HTC7</b>		
<b>Short Item Name:</b>		<b>Wire rope &amp; Bolt cutter - Centre cut</b>			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>		Drop-forged steel			
<b>Brief description:</b>					
<p>Centre cut Bolt cutters consisting of two drop-forged steel handles, which open and close the jaws through a compound action. This action means that every pound of force applied to the handles is amplified to produce 80lbs of force between the jaws. The jaws are drop-forged from heat treated high-tensile steel for cutting hard materials to produce a resilient body and rigid cutting edge.</p> <p>They provide easier cutting of pre-stressed concrete reinforcing rods, mesh and wire, high-tensile steel rods, bolts and case hardened chain, cold drawn alloy steel and tempered spring wire.</p>					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Cut type</b>	<b>Over All length (Ins)</b>	<b>Cutting capacity</b>	<b>Part No</b>	<b>Comment</b>
5110-99-5000348	Centre cut	18 (460mm)	To cut soft rods & bolts up to 3/8 in. Dia.(9.5 mm)	██████	General purpose; Cam adjusted
5110-99-2615758				██████	Spare Blades for 5110-99-5000348
5110-99-1200891	Centre cut	24 (610mm)	To cut soft wire rope to 7/16" dia & hard wire rope 5/16" dia.	██████	Compound lever action shear cut type.
5110-99-1229373				██████	Spare Blades for 5110-99-1200891
5110-99-1204678	Centre cut	30 (760mm)	Cutting capacity in high tensile steel (110 tons sq in.) 3/8 in. Dia rod, wire bolt and case hardened chain & 7/16"dia medium tensile steel rod/wire rope.	██████	Short nose; compound lever action
5110-99-1204679				██████	Spare Blades for 5110-99-1204678
5110-99-1279996	Wire cutter	36 (915mm)	To cut up 170kg/mmsq rod & wire 7/16"dia.	██████	Shear cutter type; compound lever action
5110-99-1229375				██████	Spare Blades for 5110-99-1279996





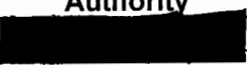


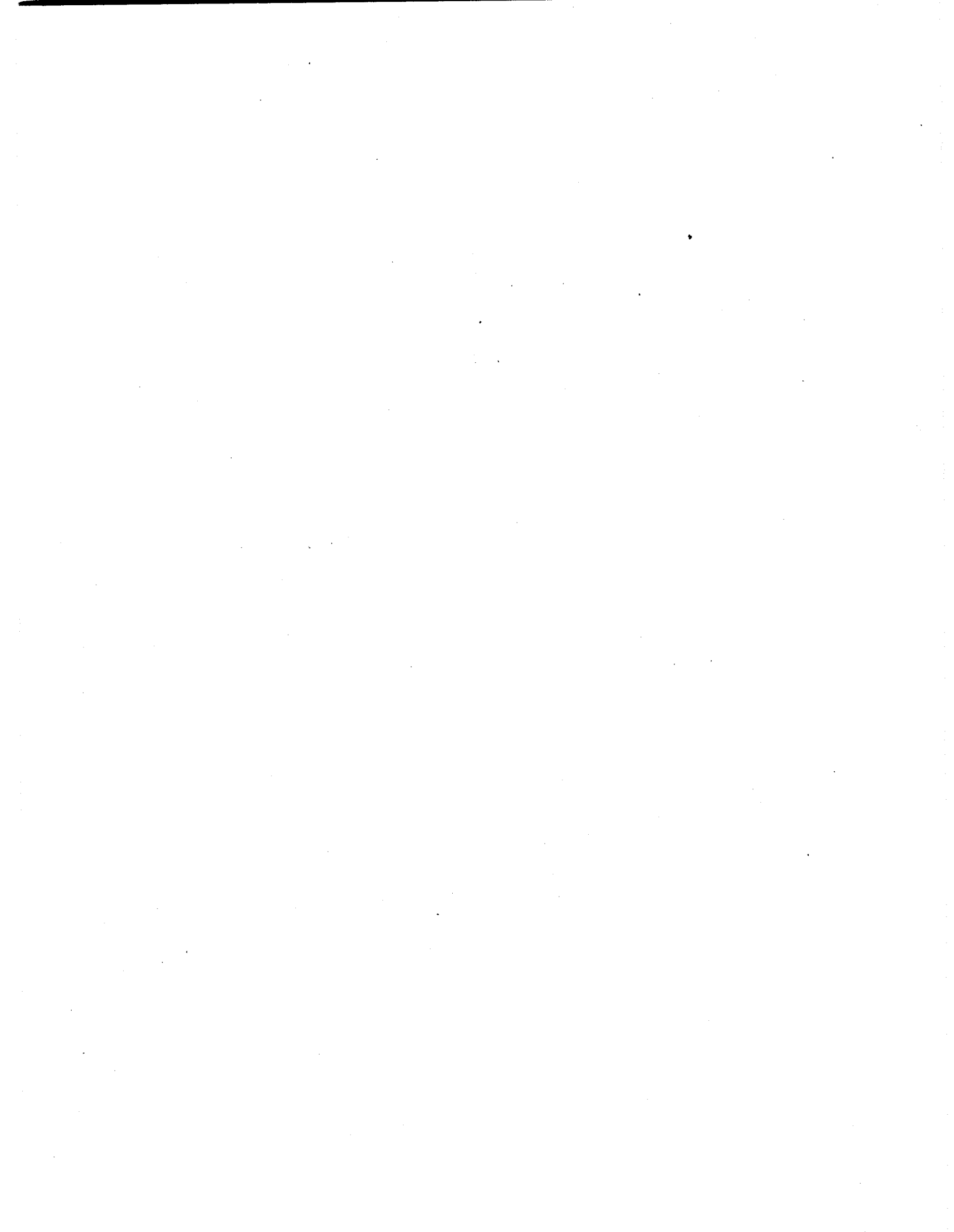
Tool Specification And Validation Data Sheet

<b>Note/Issue Remarks:</b> 		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2		31/Jul /13



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/7/8/003</b>	<b>DMC HTC7</b>	
<b>Short Item Name:</b>	<b>Pliers – Punch and eyelet, Nyloc fasteners</b>		
<b>NSN:</b>	<b>5120-99-7740574</b>		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
<p>Pliers, piercing and press stud closing. Compound action, chemical black finish, P.V.C. sleeved handles, straight jaw 85mm L, 'C' shaped jaw 52mm W (internal) x 40mm Depth, opposing jaw faces threaded 1/4" BSF internal. Complete with 2 male tools, 2 concave anvils, 2 anvils and 1 servicing tool each with 1/4" BSF external threaded mount and stowed on side of 'C' shaped jaw in 1/4" BSF internal threaded holes. For use with nylon type dot. snap, button and stud fasteners.</p>			
<b>Photo:</b>			
<b>NSN</b>	<b>Eyelet size (ins (mm))</b>	<b>Overall Length (ins)</b>	<b>Part No</b>
5120-99-7740574			
<b>Note/Issue Remarks:</b>			
<p> </p>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1		15/07/2011	



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/7/7/010</b>	<b>DMC HTC7</b>	
<b>Short Item Name:</b>		<b>Cable Cutter – Shear type, Beak jaw, Compact</b>		
<b>NSN:</b>		<b>5110-99-6619508</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Compact copper and aluminium cable cutters with 10mm cutting capacity. Integral opening spring, lock closed catch and cross proof design. Length is 170mm.				
<b>Photo:</b>				
<b>NSN</b>	<b>Head Thickness (mm)</b>	<b>Jaw Length (mm)</b>	<b>Overall Length (ins)</b>	<b>Part No</b>
5110-99-6619508				
<b>Note/Issue Remarks:</b>				
1.				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 1	[REDACTED]		15/07/2011	



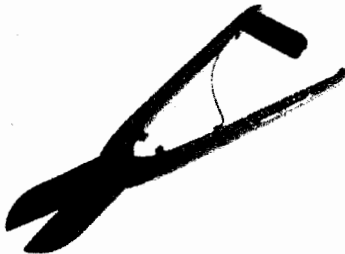
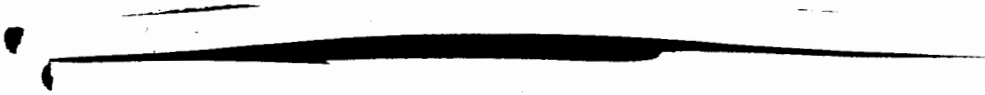

Tool Specification And Validation Data Sheet

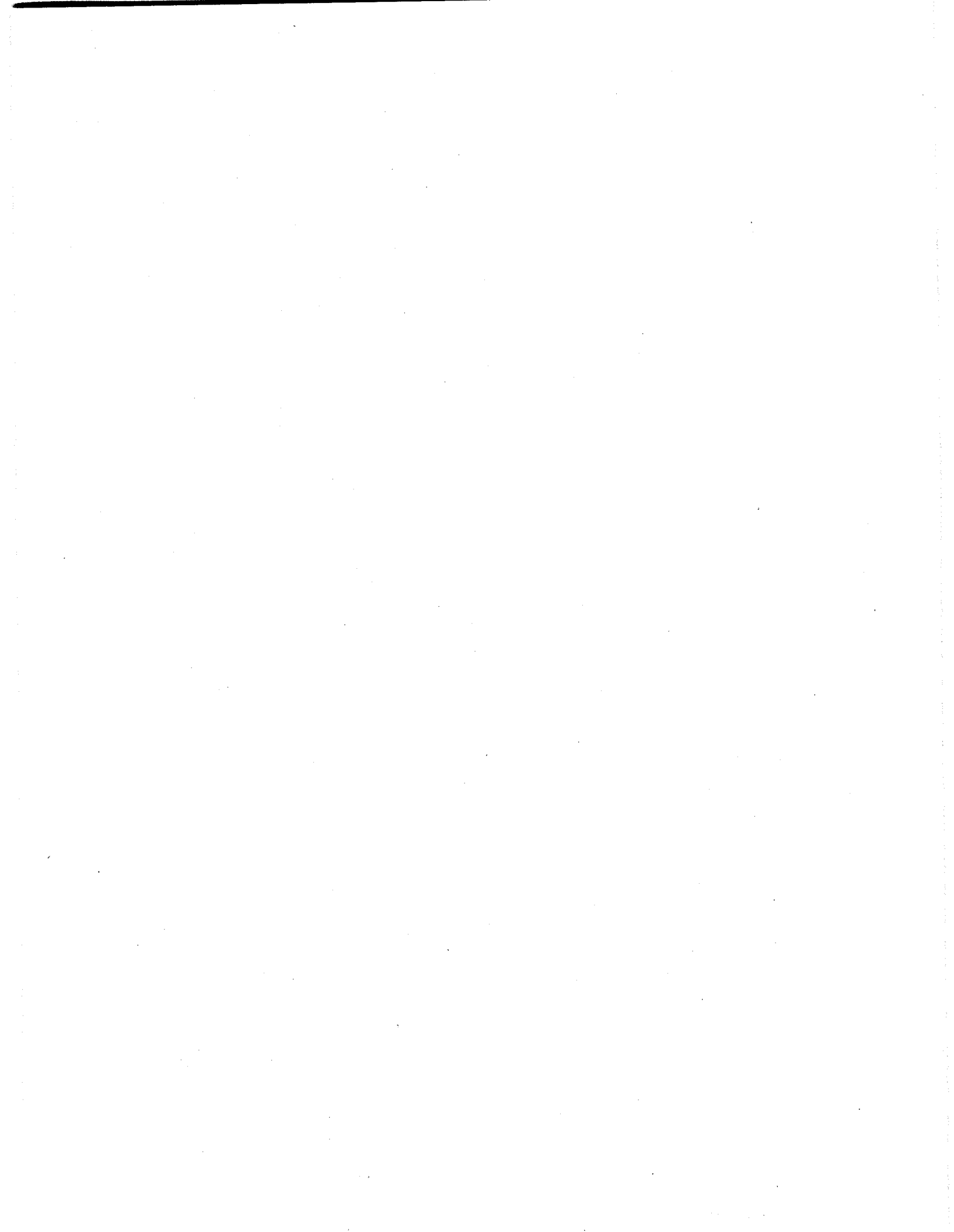
<b>Specification No &amp; DMC:</b>		<b>METS/7/7/008</b>	<b>DMC HTC7</b>	
<b>Short Item Name:</b>		<b>Cable Cutter –Shear type, Spare blades</b>		
<b>NSN:</b>		<b>5110-01-4297856</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Spare blades for 750 KCMIL Ratcheting Cable Cutter, NSN 5110-01-4297124 (part number [REDACTED]).				
<b>Photo:</b>				
<b>NSN</b>	<b>Head Thickness (mm)</b>	<b>Jaw Length (mm)</b>	<b>Overall Length (ins)</b>	<b>Part No</b>
5110-01-4297856				
<b>Note/Issue Remarks:</b>				
[REDACTED]				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 1	[REDACTED]		15/07/2011	






Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/7/7/006	<b>DMC:</b> HTC7		
<b>Short Item Name:</b>		Snips – General Purpose			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>		Forged Alloy steel			
<b>Brief description:</b>					
<p>General purpose snips for working straight and off-straight cutting with spring divided handles that automatically open the snips at the end of each cut. Manufactured from drop-forged alloy steel, the blades are hardened and tempered ensuring a keen, long-lasting cutting edge and the bare handles are finished in light blue stove enamel.</p>					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Overall Length (ins/mm)</b>				<b>Part No</b>
5110-99-9105930	8.0 / 200				
<b>Note/Issue Remarks:</b>					
					
<b>Status</b>	<b>Authority</b>			<b>Date</b>	
Issue 2				06/08/12	




Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/7/7/004	<b>DMC:</b> HTC7
<b>Short Item Name:</b>	Snips, Curved Blade	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Forged Alloy steel	
<b>Brief description:</b>		
<p>Heavy duty snips with curved blades for making tight radius cuts in a clockwise or anti-clockwise direction. Manufactured from drop-forged alloy steel, the blades are hardened and tempered ensuring a keen, long-lasting cutting edge and the bare handles are finished in light blue stove enamel.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Overall Length (ins)</b>	<b>Part No</b>
5110-99-1225026	8.0	
5110-99-9105928	10.0	
<b>Note/Issue Remarks:</b>		
<hr/>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	06/08/12



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/7/7/002	<b>DMC:</b> HTC7			
<b>Short Item Name:</b>		Snips – Compound action, Offset				
<b>Proprietary Supplier Details:</b>						
<b>Standards:</b>						
<b>Material/Finish:</b>		Alloy steel, Moulded soft-grip handles				
<b>Brief description:</b>						
<p>Multi-purpose compound cutting leverage snips with offset blades to keep material away from hands allowing straight and circular cuts to be made easily. Lower jaw is serrated for smoother cut with no double-marked edges. Jaws have torsion spring opening action and an easy-close latch, and handles are fitted with colour-coded textured grips (green for left circle cuts and red for right circle cuts) to provide superior comfort and resist twisting.</p> <p>Snips used for cutting straight, angled curves in sheet metal, vinyl, plastic, rubber and many other applications.</p>						
<b>Photo:</b>						
						
NSN	Overall Length (ins / mm)	Jaw Length (ins / mm)	Cutting Capacity (mm)	Handle Colour	Model	Part No
5110-99-4569096	9.5 / 240.0	1.25 / 30.0	1.2	Green	Offset Snip 20SL	
5110-99-1796822	9.5 / 240.0	1.25 / 30.0	1.2	Red	Offset Snip 20SR	
<b>Note/Issue Remarks:</b>						
<b>Status</b>		<b>Authority</b>			<b>Date</b>	
Issue 2		[REDACTED]			17/08/12	



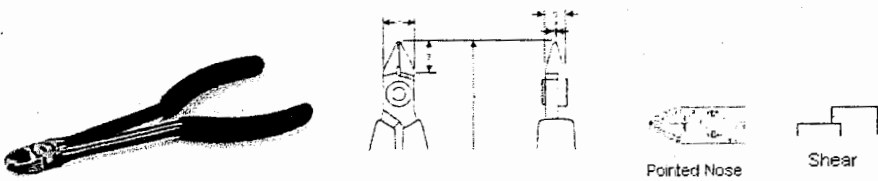
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/7/7/001		<b>DMC:</b> HTC7	
<b>Short Item Name:</b>		Snips – Heavy Duty, Left Hand Cutting			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>		Forged Alloy steel			
<b>Brief description:</b>					
<p>Heavy duty snips with right-hand cranked shear, suitable for straight cutting and off cutting in an anti-clockwise (left curve) direction. Manufactured from drop-forged alloy steel, the blades are hardened and tempered ensuring a keen, long-lasting cutting edge and the bare handles are finished in light blue stove enamel.</p>					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Overall Length (ins)</b>				<b>Part No</b>
5110-99-1207288	11.0				
5110-99-1207289	14.0				
<b>Note/Issue Remarks:</b>					
<p><del>_____</del></p>					
<b>Status</b>	<b>Authority</b>		<b>Date</b>		
Issue 2	[REDACTED]		06/08/12		





## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/7/6/036	DMC HTC7
<b>Short Item Name:</b>	Cutter diagonal mini	
<b>NSN:</b>	5110-01-4298149	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Corrosion resistant heat treatment forged steel. Induction hardened Vinyl grips	
<b>Brief description:</b>		
<p>Ergonomic designed mini long reach diagonal cutters with bowed handles which are fitted with vinyl comfort grips. Manufactured from quality corrosion resistant heat treatment forged steel. Induction hardened, precision sharpened, overlapped cutting edges produce a shearing cut (rather than pinching). Handles are designed to deliver leverage. A spring mechanism keeps jaws in an open position.</p>		
<b>Photo:</b>		
		
<b>Overall length (ins)</b>	<b>Jaw length (ins)</b>	<b>Soft wire capacity (ins)</b>
6-15/16	9/16	1/8
<b>Part No.</b>		
<b>Comment</b>		
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	18/12/13

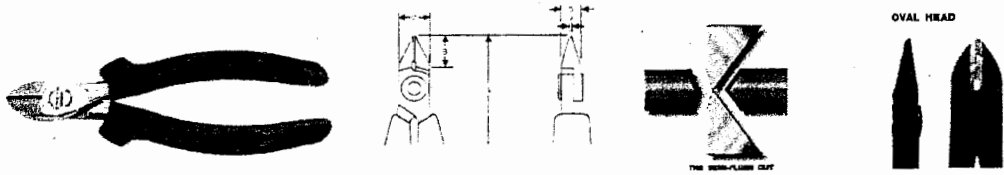


## Tool Specification And Validation Data Sheet

<b>Specification No:</b>	METS/7/6/034	<b>DMC:</b> HTC7					
<b>Short Item Name:</b>	Nippers – Diagonal cutting, Miniature, Tapered						
<b>Proprietary Supplier Details:</b>							
<b>Standards:</b>							
<b>Material/Finish:</b>	Polished High performance alloy steel						
<b>Brief description:</b>							
<p>Miniature diagonal cutting nippers with tapered polished head and ESD safe bow handles in synthetic material with return leaf spring (Not compression spring) and Screw joint that minimizes friction and maximizes alignment of cutting edges. Manufactured from High performance alloy steel which has Precision induction hardened edges 58-60 HRC and a polished head.</p> <ul style="list-style-type: none"> <li>• Cut type                                 Micro</li> <li>• Head Type                                 Oval</li> <li>• Nose type                                 Diagonal cutting</li> <li>• VDE   No</li> <li>• ESD   Yes</li> <li>• Cut off retaining system         No</li> </ul>							
<b>Photo:</b>							
<b>NSN</b>	<b>Overall Length (a) (mm)</b>	<b>Jaw Length (b) (mm)</b>	<b>Max Jaw width (c) (mm)</b>	<b>Jaw Depth (d) (mm)</b>	<b>Cu Cutting capacity (mm)</b>	<b>Piano wire capacity (mm)</b>	<b>Part No</b>
5110-99-1369025	109	9	9	6	0.2 – 1.0	Micro cut	
<b>Note/Issue Remarks:</b>							
<b>Status</b>		<b>Authority</b>			<b>Date</b>		
Issue 2		██████████			12/05/14		



## Tool Specification And Validation Data Sheet

<b>Specification No:</b>		METS/7/6/033		<b>DMC: HTC7</b>			
<b>Short Item Name:</b>		<b>Side Cutters- Diagonal Cut, Soft Grip</b>					
<b>Proprietary Supplier Details:</b>							
<b>Standards:</b>		ISO 5749 Form B					
<b>Material/Finish:</b>		Chrome alloy Steel, Hardened and Tempered					
<b>Brief description:</b>							
<p>Diagonal cutting nippers with box joint conform to ISO 5749 Form B. Manufactured from Chrome alloy steel, hardened and tempered, polished finish head with bevelled cutting edges additionally induction hardened to approx 63 HRC. Cuts soft and hard wire. Multi component soft grip handles resistant to aggressive fluids</p> <ul style="list-style-type: none"> <li>• Cut type    Semi flush</li> <li>• Head Type     Side cutting</li> <li>• Nose type     Oval</li> <li>• VDE     No</li> <li>• ESD     No</li> <li>• Cut off retaining system                        No</li> </ul>							
<b>Photo:</b>							
							
<b>NSN</b>	<b>Overall Length (a) (mm)</b>	<b>Jaw Length (b) (mm)</b>	<b>Max Jaw width (c) (mm)</b>	<b>Jaw Depth (d) (mm)</b>	<b>Cu Cutting capacity (mm)</b>	<b>Piano wire capacity (mm)</b>	<b>Part No</b>
5120-99-1517735	160 mm	22.5	29.5	9.5	2.8	66003160	
<b>Note/Issue Remarks:</b>							
<b>Status</b>		<b>Authority</b>			<b>Date</b>		
Issue 2		[REDACTED]			14/10/13		



Tool Specification And Validation Data Sheet

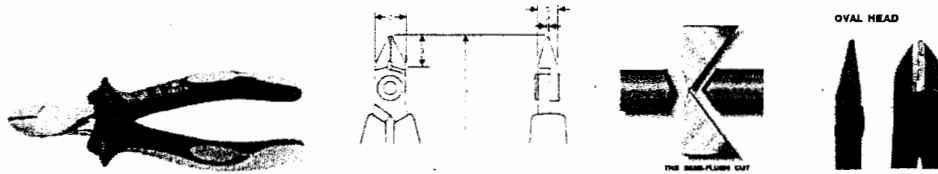
<b>Specification No:</b>	METS/7/6/032	<b>DMC:</b> HTC7
<b>Short Item Name:</b>	<b>Pliers – Diagonal cutting insulated - VDE</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	DIN EN 60900 VDE	
<b>Material/Finish:</b>	High quality alloy steel with insulated plastic sleeves and finger guards.	

**Brief description:**

Insulated diagonal cutting pliers with insulated plastic sleeves and finger guards. Insulated to AC/1000 Volts with 2 mm dia. cutting capacity and overall length of 160 mm.

- Cut type                                      Semi flush
- Head Type                                    Side cutting
- Nose type                                    Oval
- VDE    Yes
- ESD    No
- Cut off retaining system                No

**Photo:**



NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Jaw Depth (d) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-5496232	160	23.5	20	9	3	1.6	

**Note/Issue Remarks:**

Status	Authority	Date
Issue 2	[REDACTED]	14/10/13





## Tool Specification And Validation Data Sheet

<b>Specification No:</b>	METS/7/6/031	<b>DMC:</b> HTC7					
<b>Short Item Name:</b>	Nippers Diagonal Cutting with wire catcher						
<b>Proprietary Supplier Details:</b>							
<b>Standards:</b>	ISO 9654						
<b>Material/Finish:</b>							
<b>Brief description:</b>							
<p>Bull nosed diagonal cutting nippers producing a semi flush cut. Bowed handles with leaf spring (Not compression spring) are fitted with electro-static discharge ESD safe plastic coated handles. Provides a clean cut on a variety of materials ranging from copper to piano wire.</p> <ul style="list-style-type: none"> <li>• Cut type                                      Semi Flush</li> <li>• Head Type                                    Side cutting</li> <li>• Nose type                                    Bullet nose</li> <li>• VDE    No</li> <li>• ESD    Yes</li> <li>• Cut off retaining system                Yes</li> </ul>							
<b>Photo:</b>							
<b>NSN</b>	<b>Overall Length (a) (mm)</b>	<b>Jaw Length (b) (mm)</b>	<b>Max Jaw width (c) (mm)</b>	<b>Jaw Depth (d) (mm)</b>	<b>Cu Cutting capacity (mm)</b>	<b>Piano wire capacity (mm)</b>	<b>Part No</b>
5110-99-3514170	110	11.5	10.5		0.3-1.2	0.5	
5110-99-9201297	125	16	16		0.4-1.5	0.9	
<b>Note/Issue Remarks:</b>							
<b>Status</b>		<b>Authority</b>			<b>Date</b>		
Issue 3		[REDACTED]			14/10/13		



Tool Specification And Validation Data Sheet

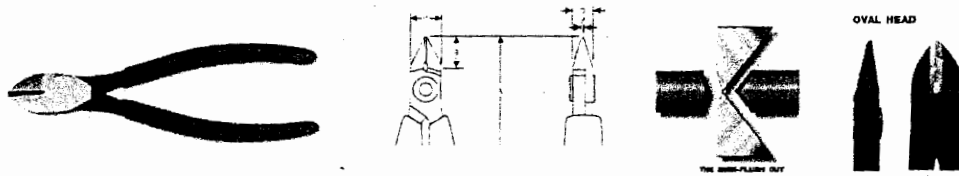
<b>Specification No:</b>	METS/7/6/029	<b>DMC: HTC7</b>
<b>Short Item Name:</b>	Nippers – Diagonal cutting, Box joint	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	5749 Form B	
<b>Material/Finish:</b>	Alloy steel, plastic-sleeved handles	

**Brief description:**

Diagonal cutting nippers with box joint, polished head, bevelled induction hardened cutting edges and dip-coated bowed handles.  
 Conforms to ISO 5749 Form B.

- Cut type                                      Semi flush
- Head Type                                      Oval
- Nose type
- VDE    No
- ESD    No
- Cut off retaining system                  No

**Photo:**



NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Jaw Depth (d) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-9105295	125	17.0	24	8.6	2.8		[REDACTED]
5110-99-1204198	180	23.5	32	11	3		[REDACTED]

**Note/Issue Remarks:**

[REDACTED]

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 4	[REDACTED]	14/10/13



## Tool Specification And Validation Data Sheet

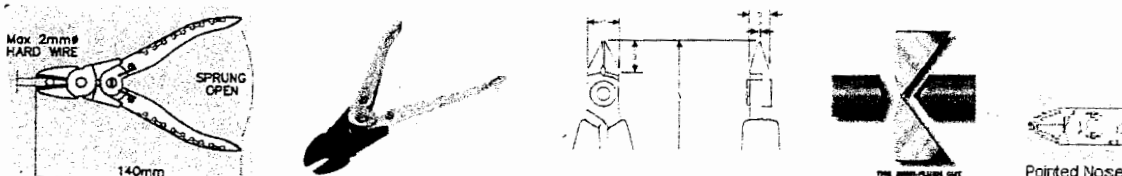
<b>Specification No:</b>	METS/7/6/028	DMC: HTC7
<b>Short Item Name:</b>	Nippers – Diagonal cutting, Lever assisted	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**

All metal lever assisted diagonal cutting nippers with spring return.

- Cut type    Semi flush
- Head Type                                        pointed
- Nose type
- VDE    No
- ESD
- Cut off retaining system                  No

**Photo:**



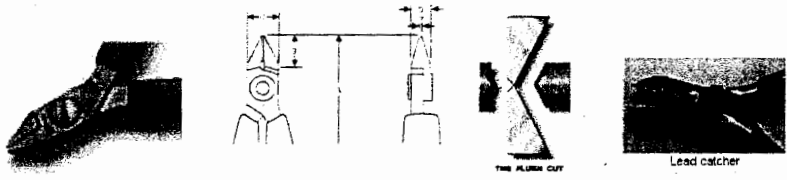
NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Jaw Depth (d) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-1206137	140	20	20	11.5		2	
5110-99-1362055	160					2	

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3	[REDACTED]	14/10/13



## Tool Specification And Validation Data Sheet

<b>Specification No:</b>	METS/7/6/027	<b>DMC:</b> HTC7					
<b>Short Item Name:</b>	Nippers – Miniature, Side cutting with wire catcher						
<b>Proprietary Supplier Details:</b>							
<b>Standards:</b>							
<b>Material/Finish:</b>	Alloy steel, plastic-sleeved handles						
<b>Brief description:</b>							
<p>Miniature side cutting nippers producing a flush cut in a short head with an un-chromed finish and a box joint combining a hidden spring for assisted jaw opening. Bowed handles with leaf spring (Not compression spring) are fitted with electro-static discharge ESD safe plastic coated handles.</p> <p>The underside is relieved to facilitate optimum access even to extremely hard to reach areas.</p> <ul style="list-style-type: none"> <li>• Cut type                                      Flush</li> <li>• Head Type                                    Side cutting</li> <li>• Nose type                                    Short head</li> <li>• VDE    No</li> <li>• ESD    Yes</li> <li>• Cut off retaining system            Yes</li> </ul>							
<b>Photo:</b>							
							
<b>NSN</b>	<b>Overall Length (a) (mm)</b>	<b>Jaw Length (b) (mm)</b>	<b>Max Jaw width (c) (mm)</b>	<b>Jaw Depth (d) (mm)</b>	<b>Cu Cutting capacity (mm)</b>	<b>Piano wire capacity (mm)</b>	<b>Part No</b>
5110-99-9773114	120	9.0	9.0	6.0	0.2 -1.2		
<b>Note/Issue Remarks:</b>							
<b>Status</b>	<b>Authority</b>				<b>Date</b>		
Issue 3	[REDACTED]				14/10/13		





Tool Specification And Validation Data Sheet

<b>Specification No:</b>	METS/7/6/024	DMC: HTC7					
<b>Short Item Name:</b>	Nippers – Diagonal cutting, Miniature, Tapered, Conductive						
<b>Proprietary Supplier Details:</b>							
<b>Standards:</b>							
<b>Material/Finish:</b>	Polished High performance alloy steel						
<b>Brief description:</b>							
<p>Miniature diagonal cutting nippers with tapered polished head and ESD safe bow handles in conductive material with return leaf spring (Not compression spring) and Screw joint that minimizes friction and maximizes alignment of cutting edges. Manufactured from High performance alloy steel which has Precision induction hardened edges 58-60 HRC and a polished head</p> <ul style="list-style-type: none"> <li>• Cut type                              Flush</li> <li>• Head Type                             Oval</li> <li>• Nose type                             Diagonal cutting</li> <li>• VDE                                     No</li> <li>• ESD                                     Yes</li> <li>• Cut off retaining system      No</li> </ul>							
<b>Photo:</b>							
<b>NSN</b>	<b>Overall Length (a) (mm)</b>	<b>Jaw Length (b) (mm)</b>	<b>Max Jaw width (c) (mm)</b>	<b>Jaw Depth (d) (mm)</b>	<b>Cu Cutting capacity (mm)</b>	<b>Piano wire capacity (mm)</b>	<b>Part No</b>
5110-99-0132041	109	9	9	6	0.1 – 1.0		
<b>Note/Issue Remarks:</b>							
<b>Status</b>	<b>Authority</b>		<b>Date</b>				
Issue 2			14/10/13				



Tool Specification And Validation Data Sheet

<b>Specification No:</b>	METS/7/6/023	<b>DMC:</b> HTC7					
<b>Short Item Name:</b>	<b>Nippers – Diagonal cutting, Miniature, Tapered</b>						
<b>Proprietary Supplier Details:</b>							
<b>Standards:</b>							
<b>Material/Finish:</b>	Polished High performance alloy steel						
<b>Brief description:</b>							
<p>Miniature diagonal cutting nippers with tapered polished head and ESD safe bow handles in synthetic material with return leaf spring (Not compression spring) and Screw joint that minimizes friction and maximizes alignment of cutting edges. Manufactured from High performance alloy steel which has Precision induction hardened edges 58-60 HRC and a polished head.</p> <ul style="list-style-type: none"> <li>• Cut type                                      Flush</li> <li>• Head Type                                    Oval</li> <li>• Nose type                                    Diagonal cutting</li> <li>• VDE    No</li> <li>• ESD    Yes</li> <li>• Cut off retaining system              No</li> </ul>							
<b>Photo:</b>							
<b>NSN</b>	<b>Overall Length (a) (mm)</b>	<b>Jaw Length (b) (mm)</b>	<b>Max Jaw width (c) (mm)</b>	<b>Jaw Depth (d) (mm)</b>	<b>Cu Cutting capacity (mm)</b>	<b>Piano wire capacity (mm)</b>	<b>Part No</b>
5110-99-7393312	109	9	9	6	0.1 – 1.0		
<b>Note/Issue Remarks:</b>							
<p>_____</p>							
<b>Status</b>		<b>Authority</b>			<b>Date</b>		
Issue 2		[REDACTED]			14/10/13		



Tool Specification And Validation Data Sheet

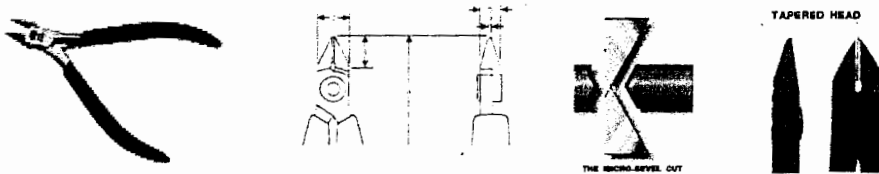
<b>Specification No:</b>	METS/7/6/022	<b>DMC:</b> HTC7
<b>Short Item Name:</b>	<b>Nippers – Diagonal cutting, Miniature</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Alloy drop forged hardened & tempered steel. PVC coated handles	

**Brief description:**

Miniature diagonal cutting nippers with single joint, polished head and PVC coated bowed handles. Manufactured from alloy steel which has been forged hardened & tempered Overall length is 115mm.

- Cut type                                      Micro bevel
- Head Type                                     Tapered
- Nose type
- VDE     No
- ESD     No
- Cut off retaining system                No

**Photo:**



NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Jaw Depth (d) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-1206934	115	13	11	7.5			

**Note/Issue Remarks:**

Status	Authority	Date
Issue 2		14/10/13



## Tool Specification And Validation Data Sheet

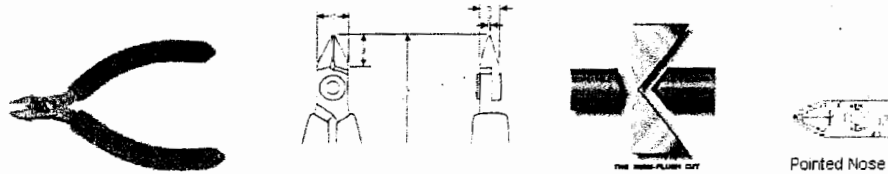
<b>Specification No:</b>	METS/7/6/021	<b>DMC: HTC7</b>
<b>Short Item Name:</b>	Nippers – Diagonal Cutting, Semi-Flush Cut	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	DIN ISO 9654 BS3087-part 7	
<b>Material/Finish:</b>	High Grade Special Tool Steel	

**Brief description:**

Diagonal cutting, medium pointed head with bevel, semi-flush cut, precision box joint. Induction hardened cutting edges to approx 62 HRC. Corrosion resistant, with plastic coated handles.

- Cut type                                      Semi flush
- Head Type                                     Oval
- Nose type                                     Diagonal
- VDE     No
- ESD     No
- Cut off retaining system                No

**Photo:**



NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Jaw Depth (d) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-1369620	115	13	13	6.5	1.27		

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3	[REDACTED]	14/10/13













Tool Specification And Validation Data Sheet

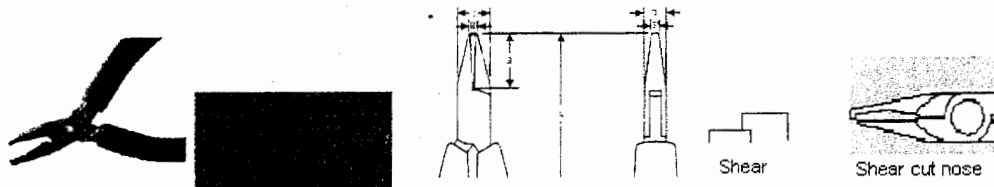
<b>Specification No:</b>	METS/7/6/010	<b>DMC: HTC7</b>
<b>Short Item Name:</b>	Nippers – End cutting, Distance, ESD Safe	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Alloy steel, plastic-sleeved handles	

**Brief description:**

Miniature end cutting nippers with single sprung joint (featuring a hidden spring) and straight, long, relieved head with transverse jaw cutters making them suitable for vertical trimming to fixed cutting height of 2.0 mm in hard to reach areas. Bowed handles are fitted with safe plastic sleeves.

- Cut type                                      Shear
- Head Type                                    End cutting
- Nose type                                    Anti shear
- VDE    No
- ESD    No
- Cut off retaining system                No

**Photo:**



NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Jaw Depth (f) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-7288677	120	20	6.5	3	1.2		

**Note/Issue Remarks:**

Status	Authority	Date
Issue 3		10/10/13



## Tool Specification And Validation Data Sheet

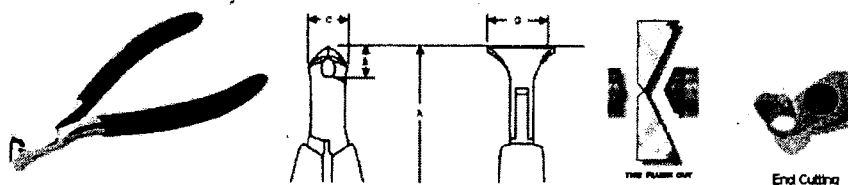
<b>Specification No:</b>	METS/7/6/006	DMC: HTC7
<b>Short Item Name:</b>	Nippers – End cutting, Miniature	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	BS3087	
<b>Material/Finish:</b>	Special tool steel, forged, oil-hardened with cutting edges inductively hardened. Polished head and plastic coated bowed handles.	

**Brief description:**

Miniature end-cutting nippers with single box-joint and leaf spring (Not Coil spring), polished head and plastic coated bowed handles. Overall length is 4.5 inches. Manufactured from Special tool steel, forged, oil-hardened with cutting edges inductively hardened.

- Cut type                                      Flush
- Head Type                                    End cutting
- Nose type                                    Straight
- VDE    No
- ESD    No
- Cut off retaining system                No

**Photo:**



NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Cutting length (g) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-1207623	115	14.5	11	11	1.4	0.6	
5110-99-7629007	115	15		22			

**Note/Issue Remarks:**

1.

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	10/10/13





Tool Specification And Validation Data Sheet

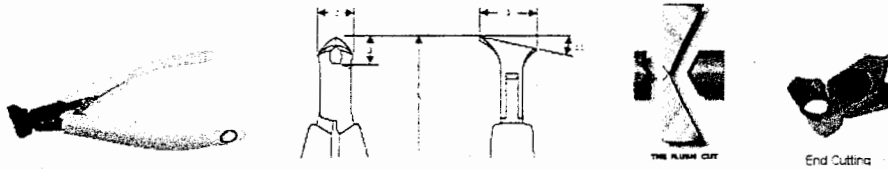
<b>Specification No:</b>	METS/7/6/004	<b>DMC: HTC7</b>
<b>Short Item Name:</b>	<b>Nippers – End cutting, Jewellers</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	High performance alloy steel, Precision induction hardened edges 58-60 HRC & plastic coated handles.	

**Brief description:**

End cutting nippers with oblique cutting head, leaf spring between plastic coated handles.

- Cut type                                      Flush
- Head Type                                    End Cutting
- Nose type                                    Oblique
- VDE    No
- ESD    Yes
- Cut off retaining system                No

**Photo:**



NSN	Overall Length (a) (mm)	Jaw Length (b) (mm)	Max Jaw width (c) (mm)	Jaw Depth (d) (mm)	Cu Cutting capacity (mm)	Piano wire capacity (mm)	Part No
5110-99-1351174	108	8.0	10.5	8	0.35 – 1.00		

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2		10/10/13



Tool Specification And Validation Data Sheet

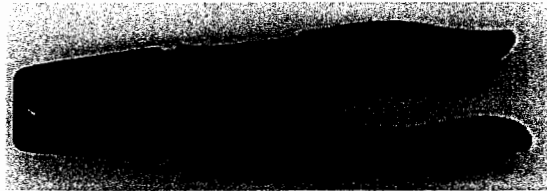
<b>Specification No &amp; DMC:</b>	<b>METS/07/05/35</b>	<b>DMC HTC7</b>
<b>Short Item Name:</b>	<b>Crimping Tool (Swage) plus Ferrules</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	Ferrules Standard - EN 13411-3	
<b>Material/Finish:</b>	Swage crimping tool black steel with blue handles. Ferrules aluminium alloy.	

**Brief description:**

Ratchet controlled swaging crimping tool, used to crimp wire using ferrules. Pressed steel black-oxidized handles and jaws, with PVC handle sleeves.

T – Ferrule are cylindrical of aluminium alloy material, sizes are 1 – 2.5 (codes).

**Photo:**



**Swage Pliers**



T-Clamps (T)

**T-Clamp Ferrule**

NSN	NSN	Jaw Length mm	Length of Handles	Overall Length mm	Part No
5120-99-7409703	Swage Crimping Tool	56	160	205	

**Ferrules For Use With above Swage Tool**

NSN	Ferrule	Height mm	Width mm	Length mm	Wire Core Diameter mm	Part No
4030-99-7589439	T Code 1	5	3	4.3	0.9 – 1	
4030-99-7589440	T Code 1.5	6	3.9	5.7	1.1 – 1.5	
4030-99-7589441	T Code 2	7	4.1	6.5	1.6 – 2	
4030-99-7589442	T Code 2.5	9	5.1	8.1	2.1 – 2.6	

**Note/Issue Remarks:**

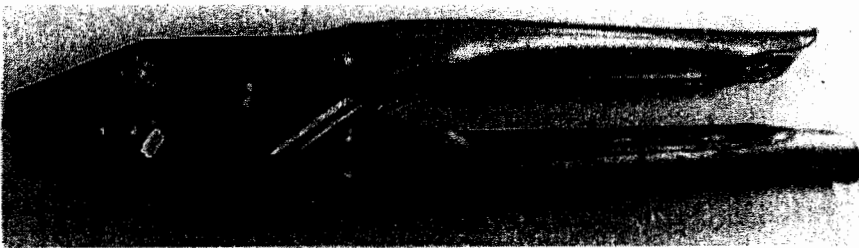
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<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 01		22/04/14




### Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/7/5/031	DMC HTC7			
<b>Short Item Name:</b>	Pliers – Parallel jaws				
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>	Steel				
<b>Brief description:</b>					
<p>Parallel jaws pliers with spring action. Knurled steel jaws with V groove along length of one jaw and pressed steel handles with plated finish.</p>					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Jaw Length (mm)</b>	<b>Jaw Thickness (mm)</b>	<b>Nom length (mm)</b>	<b>Part No</b>	<b>Comment</b>
5120-99-3729953			200	[REDACTED]	
5120-99-9105514	50	8	160	[REDACTED]	
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>	<b>Authority</b>			<b>Date</b>	
Issue 1	[REDACTED]			9/5/13	



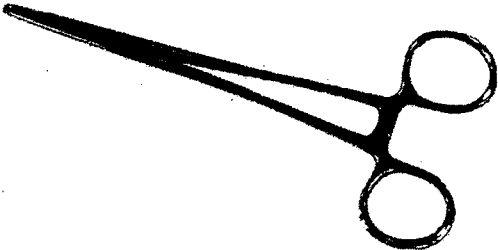
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/7/5/030</b>		
<b>Short Item Name:</b>	<b>Wire Stripper</b>		
<b>NSN &amp; DMC:</b>	<b>5110-99-9437819</b>	<b>HTC7</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>	Plastic-coated handles		
<b>Brief description:</b>			
<p>Pliers type wire stripper with a stripping notch capacity of 3/16 in. max (no.6 swg). The pliers have a locknut and return spring which is set using a brass screw. The handles are plastic-coated.</p>			
<b>Photo:</b>			
			
<b>Cutting Capacity</b>	<b>Nom length (mm)</b>	<b>Part No</b>	<b>Comment</b>
3/16 in. max (no.6 swg).	150		
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	5/4/13	



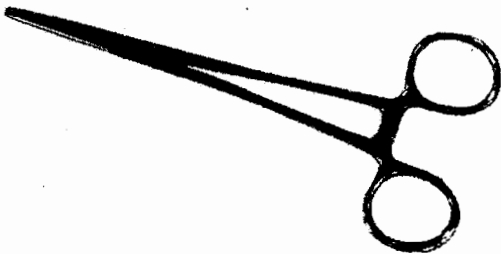


## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/07/05/028	DMC HTC7	
<b>Short Item Name:</b>	Forceps - Wire Holding		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>	Nickel plated corrosion resistant steel		
<b>Brief description:</b>			
<p>Forceps wire holding, precision machined from tempered stainless steel &amp; nickel plated. With straight nose, 3 position snap lock and serrated jaws.</p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Overall Length (mm)</b>	<b>Part Number</b>	<b>Remarks</b>
5120-99-1379616	130		
5120-99-1369028	150		
<b>Note/Issue Remarks:</b>			
1.			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2	[REDACTED]	30/06/14	



Tool Specification And Validation Data Sheet

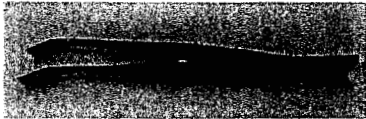
<b>Specification No &amp; DMC:</b>	<b>METS/7/5/028</b>	
<b>Short Item Name:</b>	<b>Forceps wire holding</b>	
<b>NSN &amp; DMC:</b>	<b>5120-99-1369028</b>	<b>HTC7</b>
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Nickel plated corrosion resistant steel	
<b>Brief description:</b>		
Forceps wire holding, Precision machined from tempered stainless steel & nickel plated. With straight nose 4.1/2 Ins. Long, 3 position snap lock and Serrated jaws.		
<b>Photo:</b>		
		
<b>Nom length (mm)</b>	<b>Part No</b>	<b>Comment</b>
150 (6 Ins)		
<b>Note/Issue Remarks:</b>		
1.		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	20/11/12



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/7/5/026	DMC HTC7
<b>Short Item Name:</b>	Tweezers Craftsman	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Steel; either Chrome or nickel plated	
<b>Brief description:</b>	Craftsman tweezers for general purpose use as per details below. Constructed of steel & either Chrome or nickel plated.	

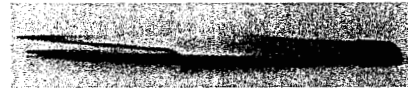
**Photo:**



5120-99-1385573



5120-99-9106584



5120-99-7685600



20-99-9107946



5120-99-9106585



5120-99-7290964

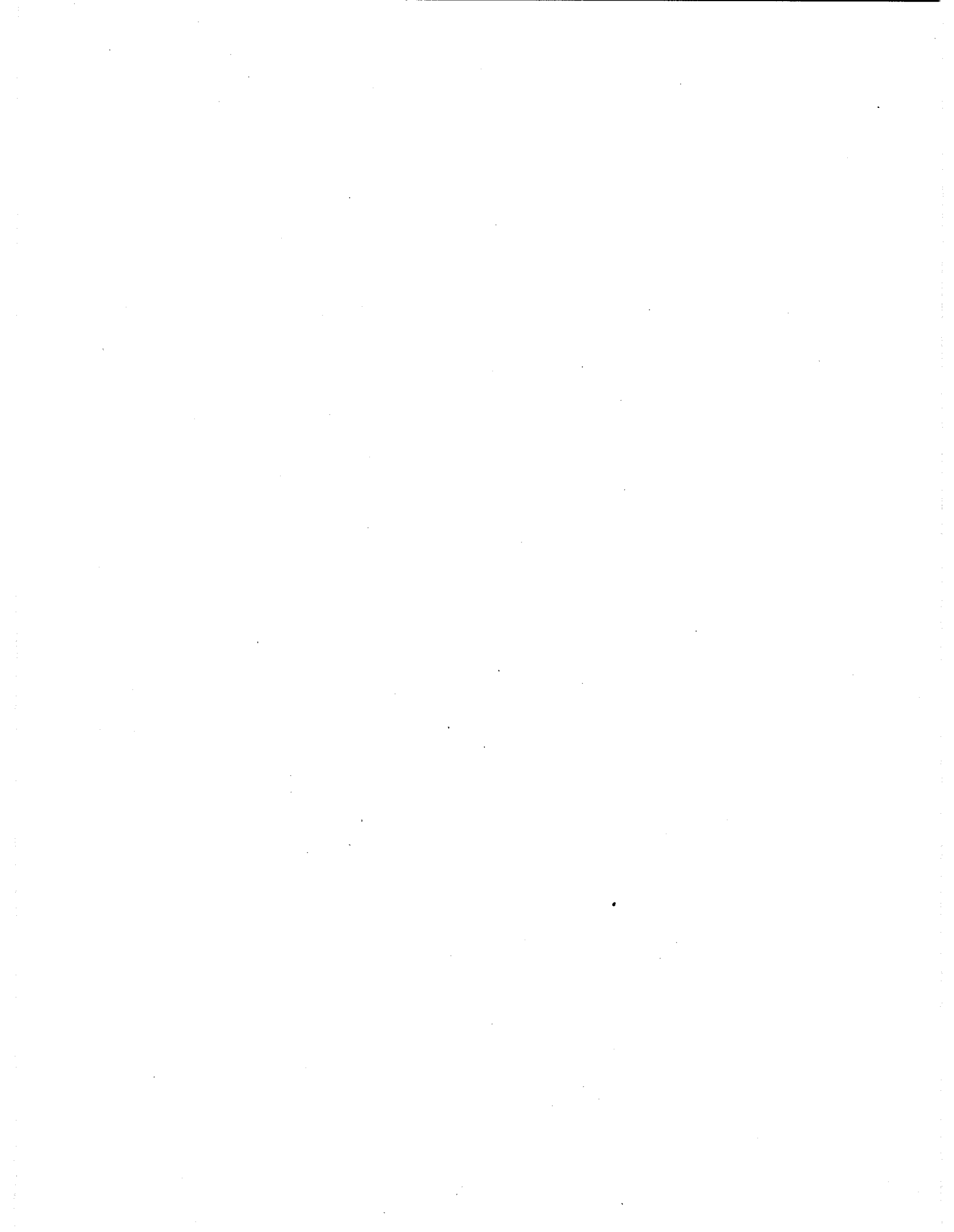


5120-99-9107945

NSN	Nom length (mm)	Part No	Details
5120-99-1385573	108 (4.25Ins.)		Flat point 5.45 x 1.54mm bent at 15° to handle
5120-99-9106584	114		
5120-99-7685600	180 (7 Ins)		Nickel plated, Polished cutaway slender tapered points
5120-99-9107946	115 (4.5 Ins)		Flat nose No. 8 type; watchmakers
5120-99-9106585	150 (6 Ins)		Straight tweezers with serrated tips. 0.050in.thk of tip closed;0.070in.wd of tip
5120-99-7290964	160 (6.25 Ins)		Straight tweezers with fine tips.
5120-99-9107945	125 (5 Ins)		Beveled, sharp tweezers for general use.

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1		20/11/12




Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/28/1/015</b>		<b>DMC HTC18</b>	
<b>Short Item Name:</b>		[REDACTED] Tensioner [REDACTED]			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>		Steel fittings			
<b>Brief description:</b>					
<p>[REDACTED] is a Tensioner producing a maximum Pretension of 1200 daN / 2640 lbs. Consisting of a steel construction with steel fittings. It has Steel gears and steel pressure plate.</p> <p>Suitable for use with the following [REDACTED] woven types:</p> <p>[REDACTED]</p> <p><b>Safety Note:</b> Due to the high tensions that can be achieved by this tensioner it is only to be used with the [REDACTED] strapping listed above and associated accessories.</p>					
<b>Photo:</b>					
<b>NSN</b>	<b>Tension Max</b>	<b>Nom Dimensions (mm)</b>	<b>Base dimensions (mm)</b>	<b>Part No</b>	<b>Comment</b>
1005-17-1154206	1200 daN / 2640 lbs	315 x 105 x 190 high	130 x 90	[REDACTED]	[REDACTED]
<b>Note/Issue Remarks:</b>					
[REDACTED]					
<b>Status</b>	<b>Authority</b>			<b>Date</b>	
Issue 1	[REDACTED]			9/12/13	







Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/28/1/004	<b>DMC:</b> HTC18	
<b>Short Item Name:</b>	Sealer - Manual		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Description:</b>			
Hand Manual Sealer made from steel with faces hardened & tempered.			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Supplier</b>	<b>Part No</b>	<b>Remarks</b>
3540-00-2346741			Strap width 1/2"; Double Crimp; Strap thickness 0.010 Min to 0.023 Max
<b>Remarks/Notes:</b>			
<div style="background-color: black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 100%; height: 20px; margin-bottom: 5px;"></div>			
<b>Status</b>	<b>Authority</b>		<b>Date Issued</b>
Issue 2			15/07/2011

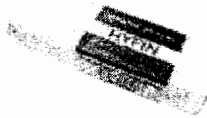


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/28/1/003	<b>DMC:</b> HTC18	
<b>Short Item Name:</b>		Cutter – Strapping Steel		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Description:</b>				
<p>Strapping cutter cuts steel strap up to 32 mm Wide and 1mm Thick.                  The flat lower blade slides easily under tight strap to locate positively in the cutter jaws. Sets of dense rubber grippers then grip the strap either side of the area to be cut before the cutting anvil shears the strap. The cut strap moves sideways in a controlled manner as the tension is released but is retained by the gripper pads</p>				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Supplier</b>	<b>Part No</b>	<b>Remarks</b>	
5110-99-1398510		[REDACTED]		
<b>Remarks/Notes:</b>				
				
<b>Status</b>		<b>Authority</b>		<b>Date Issued</b>
Issue 2		[REDACTED]		15/07/2011

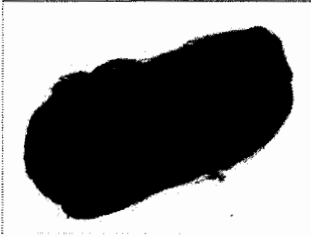


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/27/01/023</b>	<b>DMC HTC19</b>
<b>Short Item Name:</b>	<b>Stainless Steel Polishing Compound</b>	
<b>NSN:</b>	<b>5350-99-2202761</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	White compound buffing compound	
<b>Brief description:</b>		
Used for final polishing of stainless steel, chrome plate and a range of non-ferrous metals.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Weight</b>	<b>Part No</b>
5350-99-2202761	800g	
<b>Note/Issue Remarks:</b>		
<hr/>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 01		21/05/14




Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/27/1/021</b>	<b>DMC: HTC19</b>		
<b>Short Item Name:</b>	<b>Steel Wire Wool</b>			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>	<b>See Table Below</b>			
<b>Brief description:</b>				
<p>Steel Wool produced using a high quality steel. Must be crumble and dust resistant with low oil content. Supplied in rolls by weight as listed below. Grades 00 (fine) to 3 (course)</p> <p>Depending on the grade selected it can be used for fine polishing and cleaning of delicate surfaces through to heavy cleaning and paint removal</p>				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Material</b>	<b>Grade</b>	<b>Weight</b>	<b>Comment</b>
5350-99-2203021	Steel	00	150g	Roll
5350-99-1293617	Steel	0	450g	Roll
5350-99-2202687	Steel	1	450g	Roll
5350-99-4616829	Steel	3	450g	Roll
<b>Note/Issue Remarks:</b>				
<hr/>				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Initial Issue		6 Aug 13		



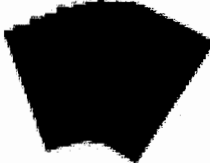


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/27/1/019</b>	<b>DMC HTC19</b>	
<b>Short Item Name:</b>	Grinding Paste		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Grinding Paste. Coarse for lapping and removal of pits and imperfections. Fine grade is used to produce the required finish on polished seat or surface			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Type</b>	<b>Grit</b>	<b>Pack Size (grams)</b>
5350-99-2258070	360	Fine	500
5350-99-4616827	362	Coarse	500
<b>Note/Issue Remarks:</b>			
1.			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2	[REDACTED]	22/10/13	

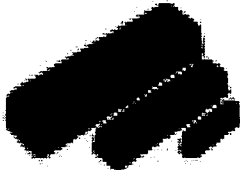


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/27/1/015</b>	<b>DMC HTC19</b>	
<b>Short Item Name:</b>		<b>Pad - Abrasive</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Hand abrasive aluminium oxide scouring pad. Non woven nylon web impregnated with Aluminium Oxide Abrasive Grain. Maroon in colour.				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Grade</b>	<b>Dimensions mm</b>	<b>Comment</b>	<b>Part Number</b>
5350-99-1315725	Fine	230 x 150	Pack of 50	
5350-99-3911627	Very Fine	230 x150	Pack of 50	
5350-99-5105882	Medium	230 x 150	Pack of 50	
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2				21/01/14

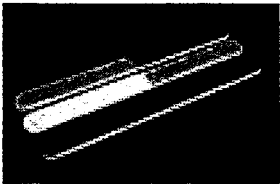


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/27/1/014</b>	<b>DMC HTC19</b>
<b>Short Item Name:</b>	<b>Buffing Compound - Brown</b>	
<b>NSN:</b>	<b>5350-99-2202760</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Buffing compound in bar format.                  A tripoli compound used for general purpose use for buffing and polishing on soft metals such as, brass, copper, aluminium.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Weight</b>	<b>Comment</b>
5350-99-2202760	2-1/4lbs	
<b>Note/Issue Remarks:</b>		
<hr/>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	15/7/11



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/27/1/011</b>	<b>DMC HTC19</b>
<b>Short Item Name:</b>		<b>FILE - Flexi</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Flexi Files 4, 3 & 2 way.			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Way</b>		
5350-01-3373046	2	2 way Flexi-File with a coarse finish on both sides for rapid surface removal. Used to deburr, smooth, and polish small metal areas.	
5350-01-3373047	3	3 way Flexi-File with 3 different grades to give a very smooth final finish. The finest grade is the 12000 which covers one side of the file. This Flexi-File is used for polishing applications. PINK: 2400 WHITE: 4000 GREY: 12000	
5110-01-3458260	4	4 way Flexi-File with 4 different grades to give a very smooth final finish, ranging from the 180MX grade for removal of larger quantities of material through to 12000 grade, for final polishing. BLACK: 180MX (coarsest) PINK: 2400 WHITE: 4000 GREY: 12000 (finest)	
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	██████████	15/7/11	





Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/27/1/009		<b>DMC:</b> HTC19		
<b>Short Item Name:</b>		Abrasive – Paper, Garnet and Crocus				
<b>Proprietary Supplier Details:</b>						
<b>Standards:</b>						
<b>Material/Finish:</b>		As listed				
<b>Brief description:</b>						
Abrasive garnet paper used for wood sanding by hand, also crocus (iron oxide) paper, all to the grades, sizes and weights as indicated in the table below.						
<b>Photo:</b>						
N/A						
NSN	Abrasive Material	Finishing/ Polishing Grade	Grit Size	Dimensions (mm)		Weight
				Length	Width	
5350-99-2250432	Garnet	1.1/2	40	230	280	D
5350-99-2203045	Garnet	1/2	60	230	280	D
5350-99-2203038	Garnet	1/0	80	230	280	A
5350-99-2203044	Garnet	2/0	100	230	280	C
5350-99-2203043	Garnet	3/0	120	230	280	C
5350-99-2250431	Garnet	6/0	220	230	280	A
5350-99-2203042	Garnet	7/0	240	230	280	A
5350-99-2203578	Crocus	-----	1000	230	280	N/A
<b>Note/Issue Remarks:</b>						
1.						
<b>Status</b>		<b>Authority</b>			<b>Date</b>	
Issue 2		[REDACTED]			03/09/12	



### Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/27/1/008	<b>DMC:</b> HTC19	
<b>Short Item Name:</b>		Abrasive – Paper, Silicone Carbide		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>		As listed		
<b>Brief description:</b>				
Waterproof (latex impregnated) abrasive paper sheet coated with silicon carbide (Si/C) to the grade, size and weight as indicated in the table below.				
<b>Photo:</b>				
N/A				
NSN	Grade	Dimensions (mm)		Type
		Length	Width	
5350-99-1293941	60	230	280	D Weight
5350-99-2203675	100	230	280	A Weight
5350-99-2246066	120	230	280	D Weight
5350-99-2203677	150	230	280	C Weight
5350-99-1293935	180	230	280	C Weight
5350-99-1293936	220	230	280	C Weight
5350-99-1293937	240	230	280	C Weight
5350-99-1293938	280	230	280	C Weight
5350-99-1293939	320	230	280	C Weight
5350-99-1293933	400	230	280	A Weight
5350-99-1293934	500	230	280	A Weight
5350-99-2203673	600	230	280	A Weight
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2		[REDACTED]		03/09/12

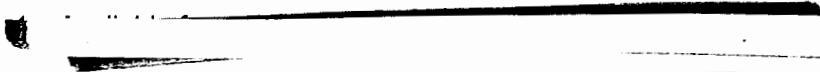



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/27/1/007	<b>DMC:</b> HTC19		
<b>Short Item Name:</b>	Abrasive – Cloth			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>	As listed			
<b>Brief description:</b>	Waterproof (latex impregnated) abrasive paper sheet coated with aluminium oxide (Al/Ox) to the grade and size as indicated in the table below.			
<b>Photo:</b>	N/A			
NSN	Grade	Dimensions (mm)		Part Number
		Length	Width	
5350-99-6846821	60	230	280	[REDACTED]
5350-99-4505466	80	230	280	[REDACTED]
5350-99-2246820	100	230	280	[REDACTED]
5350-99-2246819	150	230	280	[REDACTED]
5350-99-4505468	180	230	280	[REDACTED]
5350-99-0845013	240	230	280	[REDACTED]
5350-99-7327907	280	230	280	[REDACTED]
5350-99-9949667	320	230	280	[REDACTED]
5350-99-9183807	400	230	280	[REDACTED]
5350-99-3567629	600	230	280	[REDACTED]
<b>Note/Issue Remarks:</b>				
[REDACTED]				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Issue 2	[REDACTED]	03/09/12		





Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/27/1/005	<b>DMC:</b> HTC19			
<b>Short Item Name:</b>	Abrasive – Cloth Sheet				
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>	As listed				
<b>Brief description:</b>					
Abrasive cloth sheet with either aluminium oxide (Al/Ox) or silicone carbide (Si/C) as indicated in the table below.					
<b>Photo:</b>					
NSN	Grade	Coating	Dimensions (mm)		Part Number
			Length	Width	
5350-99-2250426	180	Al/Ox	280	230	
5350-99-2250427	120	Al/Ox	292	22	
5350-99-2250428	80	Al/Ox	292	22	
5350-99-2250429	40	Al/Ox	292	22	
5350-99-2245966	320J	Si/C	292	22	
5350-99-2245967	240J	Si/C	230	280	
5350-99-2245968	180J	Si/C	230	280	
5350-99-2245969	150J	Si/C	230	280	
5350-99-2245970	80X	Si/C	230	280	
5350-99-2245971	60X	Si/C	230	280	
<b>Note/Issue Remarks:</b>					
					
<b>Status</b>	<b>Authority</b>		<b>Date</b>		
Issue 2			03/09/12		





Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/27/1/004	<b>DMC:</b> HTC19		
<b>Short Item Name:</b>		Abrasive – Emery Sticks, cloth and Paper			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>		As listed			
<b>Brief description:</b>					
Wooden sticks, blue twill cloth or paper sheets coated with emery abrasive to the grades and dimensions as listed in the table below.					
<b>Photo:</b>					
NSN	Grade	Form	Dimensions (mm)		
			Length	Width	Depth
5350-99-2202720	0	Wooden Stick	292	22	6
5350-99-2202721	1	Wooden Stick	292	22	6
5350-99-2202722	2	Wooden Stick	292	22	6
5350-99-2202723	3	Wooden Stick	292	22	6
5350-99-2202805	00	Wooden Stick	292	22	6
5350-99-9424737	1	Blue Twill Cloth	230	280	----
5350-99-9424738	3	Blue Twill Cloth	230	280	----
5350-99-9426816	0	Blue Twill Cloth	230	280	----
5350-99-9426817	2	Blue Twill Cloth	230	280	----
5350-99-7327906	00	Blue Twill Cloth	230	280	----
5350-99-9426824	0	Paper	230	280	----
5350-99-9426825	1	Paper	230	280	----
5350-99-9426826	2	Paper	230	280	----
5350-99-9426827	3	Paper	230	280	----
<b>Note/Issue Remarks:</b>					
					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 2				03/09/12	



## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/27/1/003	DMC HTC19
<b>Short Item Name:</b>	Abrasive – Micromesh Cloth	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Abrasive micro-mesh cloth supplied on a roll. Grade and approximate dimensions as listed below.		
<b>Photo:</b>		
<b>NSN</b>	<b>Grade</b>	<b>Approximate Dimensions</b>
5350-01-0340508	3600	15m x 152mm
5350-01-0340509	2400	15m x 152mm
5350-01-2339830	4000	15m x 152mm
5350-01-2924630	1800	15m x 152mm
5350-01-2924631	3200	15m x 152mm
5350-01-2924632	6000	15m x 152mm
5350-01-2924633	12000	15m x 152mm
5350-01-2924634	1500	15m x 152mm
5350-01-3247040	8000	15m x 152mm
5350-01-3372464	1200	15m x 152mm
5350-01-3372465	320	15m x 152mm
5350-01-3372466	400	15m x 152mm
5350-01-3372468	800	15m x 152mm
5350-01-3372469	100	15m x 152mm
5350-01-3372470	120	15m x 152mm
5350-01-3372471	150	15m x 152mm
5350-01-3372472	180	15m x 152mm
5350-01-3372473	240	15m x 152mm
5350-01-3379758	360	15m x 152mm
5350-01-3439840	80	15m x 152mm
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3	[REDACTED]	23/06/14





Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/27/1/001</b>	<b>DMC HTC19</b>	
<b>Short Item Name:</b>		<b>Oil Stone - Sharpening</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Oilstone, two main types Silicone Carbide (Si Carbide) and Aluminium Oxide (Al Oxide). The Aluminium oxide is oil impregnated.				
<b>Photo:</b>				
<b>NSN</b>	<b>Shape</b>	<b>Grade</b>	<b>Dimension mm</b>	<b>Material</b>
5345-99-4654076	Knife Blade	Medium	100 x 25 x 3	Al Oxide
5345-99-4654075	Point (Cone)	Medium	80 x 8	Al Oxide
5345-99-4654098	Rectangular	Coarse	100 x 25 x 13	Al Oxide
5345-99-4658110	Rectangular	Medium	100 x 25 x 13	Si Carbide
5345-99-4658113	Rectangular	Fine	100 x 25 x 13	Al Oxide
5345-99-4654110	Round Edge	Slip Coarse	113 x 44 x 13 x 5	Si Carbide
5345-99-7796054	Round Edge	Slip Medium	100 x 25 x 11 x 5	Si Carbide
5345-99-4654109	Round File	Medium	100 x 10	Si Carbide
5345-99-7787509	Round File	Fine	100 x 6	Si Carbide
5345-99-7796053	Round File	Coarse	100 x 10	Si Carbide
5345-99-4654077	Silversmiths	Flat Fine	100 x 13 x 2	Al Oxide
5345-99-4654124	Square	Ultra Fine	4" x 3/8"	Hard Arkansas Stone, White to Light
5345-99-4654104	Square	Medium	100 x 10	Si Carbide
5345-99-7787512	Square	Fine	100 x 10	Si Carbide
5345-99-7787513	Square	Medium	100 x 6	Al Oxide
5345-99-7796040	Square	Coarse	100 x 10	Si Carbide
5345-99-4658826	Triangular	Fine	100 x 10	Al Oxide
5345-99-7787508	Triangular	Fine	100 x 6	Si Carbide
5345-99-7796052	Triangular	Coarse	100 x 10	Si Carbide
5345-99-1375960	Triangular	Ultra Fine	4" x 3/8"	Hard Arkansas Stone, White to Light
5345-99-4505492	Triangular	Medium	100 x 6	Al Oxide
<b>Note/Issue Remarks:</b>				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 1			15/7/11	





Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/26/1/025</b>	<b>DMC HTC13</b>	
<b>Short Item Name:</b>	<b>SPRAYER, HAND</b>		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>	High density polythene		
<b>Brief description:</b>			
Hand sprayer with high density polythene container; Screw on head/handle with self-contained quick charge pressurisation pump and separate trigger with on/off control and knurled variable spray discharge nozzle.			
<b>Photo:</b>			
			
3740-99-1371662	3740-99-1392473		
<b>NSN</b>	<b>Capacity (Ltr)</b>	<b>Part No.</b>	<b>Comment</b>
3740-99-1392473	0.5		
3740-99-1371662	1.25		
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2	[REDACTED]	02/04/14	



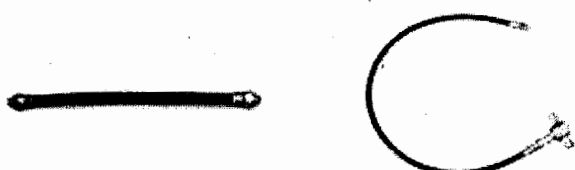




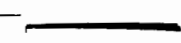




Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/26/1/016</b>	<b>DMC HTC18</b>
<b>Short Item Name:</b>	<b>Oil – Can Lubricating</b>	
<b>NSN:</b>	<b>4930-99-8012693</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>	Plastic oil can. Height of body 60 mm and length of spout 50 mm.	
<b>Photo:</b>		
<b>NSN</b>	<b>Capacity</b>	<b>Part No</b>
4930-99-8012693	25 cc	
<b>Note/Issue Remarks:</b>		
		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1		15/07/2011

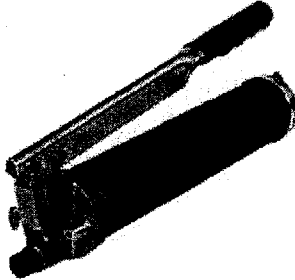


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/26/1/014</b>	<b>DMC HTC18</b>
<b>Short Item Name:</b>		Lubrication – Tube	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Reinforced lubrication tubes supplied in a variety of end fittings and lengths to suit its intended application.			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Tube Length</b>	<b>Part No</b>	<b>Remarks</b>
4930-99-8062044	12"		Connections: 1/8" BSP male adaptors at both ends
4930-99-8062045	11"		Connections: 1/8" BSP male swivel adaptor, nut 1/4 BSP female
4720-99-9239099	9"		1/8" BSP male swivel adaptor, nut 1/4 BSP female
4720-99-9239100	24"		Connections: 1/8" BSP male swivel adaptor, nut 1/4 BSP female
4930-99-9239955	8"		Connection with 1/8 BSP male swivel adaptor , nut 1/4 BSP female
<b>Note/Issue Remarks:</b>			
			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2		3/12/13	




Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/26/1/012</b>	<b>DMC HTC18</b>	
<b>Short Item Name:</b>		<b>Grease - Gun</b>		
<b>NSN:</b>		<b>4930-99-5205287</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>		DIN1284		
<b>Material/Finish:</b>		High quality pressure cast aluminium with flexible rubber hose		
<b>Brief description:</b>				
<p>Steel hand lever operated screw primed grease pressure gun, 12" flexible rubber hose with a large button head type coupler. Suitable for lubricants (Grease). Pump made of high quality pressure cast aluminium. Suitable for Cartridges to DIN1284. Performance should remain unchanged after 100,000 cycles with no pressure drop. Non slip handles on lever.</p>				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Capacity Cm<sup>3</sup></b>	<b>Operating Pressure (Bar)</b>	<b>Max Pressure (Bar)</b>	<b>Part Number</b>
4930-99-5205287	400/500	400	600	
<b>Note/Issue Remarks:</b>				
<p>_____</p>				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 3	[REDACTED]		06/06/14	



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/26/1/010</b>	<b>DMC HTC18</b>
<b>Short Item Name:</b>	<b>Plastic Oil Can – With Spout</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Oil can plastic container complete with 250mm long flexible braided spout, pump is pressure fed.		
<b>Photo:</b>		
<b>NSN</b>	<b>Capacity</b>	
4930-99-1390780	1 Ltr	
Spout for the above container		
<b>NSN</b>	<b>Spout Type</b>	<b>Spout Length mm</b>
4930-99-7787502	Flexible Braided	250
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1		15/07/2011





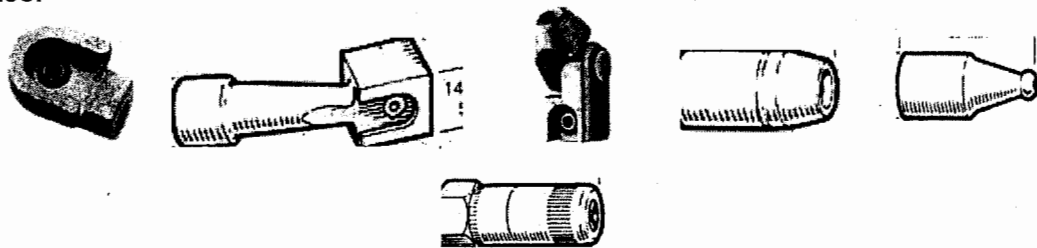
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/26/1/007</b>	<b>DMC: HTC18</b>
<b>Short Item Name:</b>	<b>Connectors- Grease Gun</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**



See table below

**Photos:**

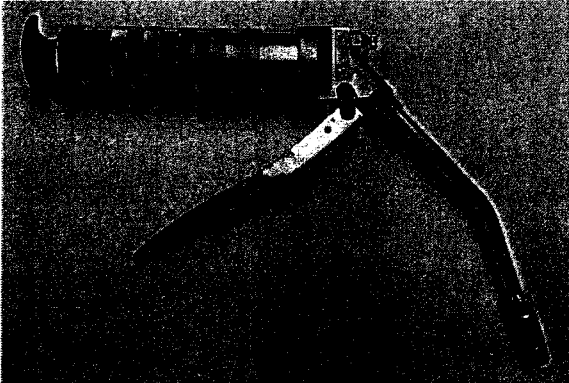
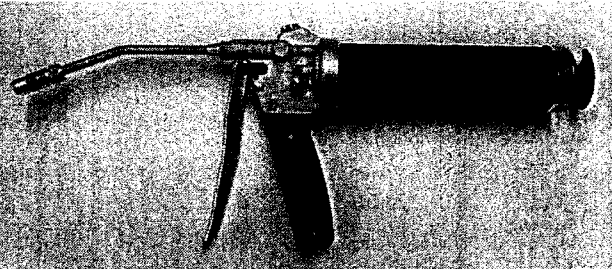



NSN	Type	Part No	Name	Remarks
4930-99-8012662	B		TAT Hook -On	See * below. Double flanged to engage the heads of Tat and Industrial Button Head Type nipples. Each has a spring loaded sealing cap to prevent leakage when under pressure. The Hook-On is for use with flexible delivery tubes.
4930-99-9239094	A		Miniature TAT	See * below. This is a smaller version of the TAT Hook-On Connector and is for use with miniature TAT nipples.
4930-99-8026153	K		Thrust-On	See * below. Same description as TAT Hook-On but Thrust-On is for use with rigid delivery tubes and incorporates a swivel joint to facilitate servicing
4930-99-8012661	T		Tecazerk	See * below. Connector has a concave recess and relies on manual pressure to create an effective seal between the connector and the heads of Tecazerk and Hydraulic type nipples
4930-99-8025056	F		Lub	See * below. This connector has a ball-end form which is designed for use with nipples having concave recesses and relies on manual pressure to create the seal between the connector and the nipple.
4930-99-8424217	H		Hydraulic	See * below. The integral jaws of the connector snap securely over the nipple head and tighten to prevent leakage as lubricant pressure is increased during delivery. A small sideways movement is required for disconnection.

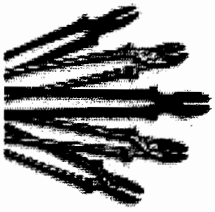
Tool Specification And Validation Data Sheet

NSN	Type	Part No	Name	Remarks
4730-99-1279672			Lubricating Gun adaptor	See** below. First end 1/4" BSPF 19TPI male, 2 <sup>nd</sup> End 1/8" BSPF 28TPI male. Centre section hex form. Complete with 2 copper washers OAL 1"
<p><b>Note/Issue Remarks:</b></p> 				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2				5 Aug 13


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/26/1/001	<b>DMC: HTC18</b>
<b>Short Item Name:</b>		Grease Gun – Abnox Wanner	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Hand lever operated Abnox Wanner grease gun with steel body complete with rigid bent tube and hydraulic connector, G1/8" thread. This item is to be operated under arduous conditions.			
<b>Photo:</b>			
			
4930-99-5416079		4930-99-1276149	
<b>NSN</b>	<b>Capacity</b>	<b>Pressure (psi)</b>	<b>Part No</b>
4930-99-1276149	12oz / 340g	8000	
Spares for Grease Gun 4930-99-1276149 above.			
<b>NSN</b>	<b>Description</b>	<b>Comments</b>	<b>Part No</b>
4930-99-2342422	Delivery tube	Also fits Grease Gun 4930-99-5416079 below.	
<b>NSN</b>	<b>Capacity</b>	<b>Pressure (bar)</b>	<b>Part No</b>
4930-99-5416079	120cc	600	
Spares for Grease Gun 4930-99-5416079 above.			
<b>NSN</b>	<b>Description</b>	<b>Comments</b>	<b>Part No</b>
4930-99-4957513	Bleed valve assembly		
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2		3/10/12	


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/25/1/013</b>	<b>DMC: HTC13</b>		
<b>Short Item Name:</b>	Tongs-Blacksmith			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>	Alloy Steel			
<b>Brief description:</b>				
Blacksmith tongs are produced from an alloy steel and hold the work-piece work during the various hot-working operations				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Types</b>	<b>Length</b>	<b>Groove</b>	<b>Grip Dia</b>
5120-99-9106557	Bolt Type/Universal	20"	N/A	N/A
5120-99-9106564	Flat Grooved V-Mouth	19"	1/4"	N/A
5120-99-9106565	Flat Grooved V-Mouth	24"	1/2"	N/A
5120-99-9106559	Flat Open Mouth	21"	N/A	N/A
5120-99-9106566	Hollow Nose	17"	N/A	3/8
5120-99-9106568	Hollow Nose	24"	N/A	3/4"
5120-99-9106570	Pick-up or Dandy	23"	N/A	N/A
5120-99-9106555	Tongs, Rivet	18"	N/A	3/8"
<b>Note/Issue Remarks:</b>				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Issue 2	[REDACTED]	21 Jun 13		

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/25/1/012</b>	<b>DMC: HTC13</b>	
<b>Short Item Name:</b>		<b>Swage - Hand Top and Bottom</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>		Medium Carbon Alloy Steel		
<b>Brief description:</b>				
<p>The top swage has a long wooden handle attached and the bottom swage has a shank that fits into the anvil Hardie hole. Each swage face has a concave shape and the top and bottom swages make up the final swaged diameter. The swages are made from medium carbon alloy steel with tempered smooth working faces.</p>				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Swage Type</b>	<b>Dia (ins (mm))</b>	<b>Handle Material</b>	<b>Remarks</b>
5120-99-9106498	Bottom	1/2 (12)	N/A	
NIV	Bottom	3/4 (19)	N/A	
5120-99-9106501	Bottom	1 (25)	N/A	
5120-99-9106508	Top	1/2 (12)	Ash	
NIV	Top	3/4 (19)	Ash	
5120-99-9106512	Top	1 (25)	Ash	
<b>Note/Issue Remarks:</b>				
<p><del>_____</del></p>				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 2	[REDACTED]		5/7/13	

## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/25/1/010	DMC HTC13
<b>Short Item Name:</b>	Punch - Blacksmith	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Blacksmith high carbon steel punch, with a tapered round point, necked with a metal rod handle, and a black appearance.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Diameter (ins (mm))</b>	<b>Remarks</b>
5120-99-9105596	5/16 (7.9)	
5120-99-9105597	3/8 (9.4)	
5120-99-9105598	1/2 (12.7)	
5120-99-9105599	5/8 (15.9)	
5120-99-9105601	7/8 (22.2)	
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	<div style="background-color: black; width: 100px; height: 15px; margin: 0 auto;"></div>	15/07/2011

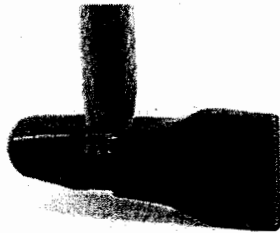
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/25/1/003	<b>DMC:</b> HTC13
<b>Short Item Name:</b>	Top and Bottom Fullers	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Medium carbon steel	

**Brief description:**

The fullers are made from medium carbon alloy steel with bright smooth working faces. The top Fuller has a 20" long wooden (ash) handle and the bottom fuller has a shank that fits into the hardie hole on the anvil. Each tool face is semi-circular, the diameter of the semi circle being the size of the fuller.

**Photo:**



Top Fuller



Bottom Fuller

NSN	Type (Top/Bottom)	Face Size (ins)	Part Number	Remarks
5120-99-9104619	Top	1/2		
5120-99-9104621	Top	3/4		
5120-99-9104623	Top	1.0		
5120-99-9104624	Top	1-1/4		Available on special order only
5120-99-9104605	Bottom	1/2		
5120-99-9104612	Bottom	5/8		

**Note/Issue Remarks:**

\_\_\_\_\_

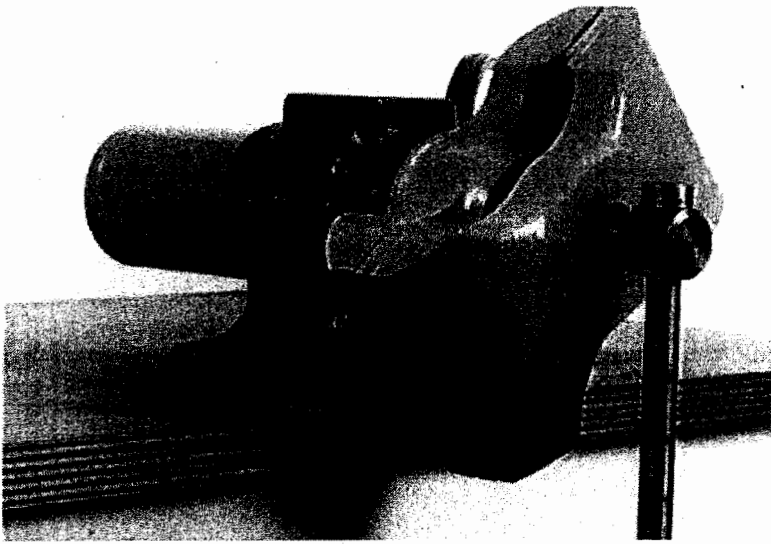
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	03/09/12

Tool Specification And Validation Data Sheet


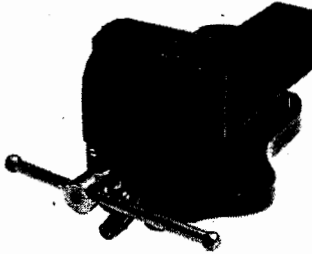

<b>Specification No &amp; DMC:</b>	<b>METS/23/1/042</b>	<b>DMC HTC18</b>		
<b>Short Item Name:</b>	<b>Safety Rescue Hook</b>			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
<p><b>Hook</b>                  Safety Rescue Hook for use with 1Kv voltage systems. Used for Safeguarding the life of the first aider during retrieval of victims of electric shock.                  For use with Safety Rescue Hook station.</p> <p><b>Station</b>                  Safety Rescue Hook Station for safe storage of Safety Rescue Hook</p> <p><b>NOTE:</b> These two items must be used as a matched pair</p>				
<b>Photo:</b>				
<b>NSN</b>	<b>Item</b>	<b>Dimensions (mm)</b>	<b>Part No</b>	<b>Comment</b>
4240-99-7248290	Safety rescue hook	25 x 1000	—	
4240-99-3640799	Safety rescue hook station	580 x 450	—	
<b>Note/Issue Remarks:</b>				
<p>_____</p> <p>_____</p>				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Issue 1	[REDACTED]	10/6/13		



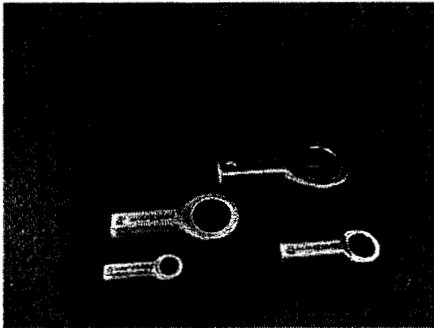
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/23/01/007</b>	<b>HTC18</b>
<b>Short Item Name:</b>	<b>Engineer Vice – Bench Mounted</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Bench mounted Engineer Vice manufactured from cast iron, with a revolving head, one side with the ability to hold pipe and interchangeable case hardened file cut face jaws.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Jaw Width (ins)</b>	<b>Remarks</b>
5120-99-9106615	4	
5120-99-9106616	6	
5120-99-9106617	8	Flat Jaw 8", Pipe Jaw 7"
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3	[REDACTED]	15/10/13

Tool Specification And Validation Data Sheet

<b>Specification No:</b>	<b>METS/23/01/001</b>	<b>HTC18</b>	
<b>Short Item Name:</b>	<b>Engineering Vice – Bench Mounted</b>		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>	<b>Cast Iron</b>		
<b>Brief description:</b>			
Bench mounted Engineer Vice manufactured from cast iron, with a quick release mechanism and interchangeable case hardened file cut face jaws.			
<b>Photo:</b>			
			
Swivel	Stationary	Jaw Sets	
<b>NSN</b>	<b>Jaw Width (ins)</b>	<b>Jaw Opening (ins)</b>	<b>Base Type &amp; Part No.</b>
* 5120-99-9106588	3	3-1/4	
5120-99-9106589	3-1/4	3-3/4	
* 5120-99-9106592	4-1/2	5-3/4	
* 5120-99-9106593	6	7-1/4	
5120-99-4671166	3	3-1/4	
* The following case hardened file cut face jaw sets complete with fixing screws are used with these vices as indicated			
<b>NSN</b>	<b>Jaw Width (ins)</b>	<b>Part No. &amp; Comment</b>	
5120-99-7612218	4-1/2		
5120-99-7612219	6		
5120-99-9623392	3		
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2		17/10/12	





## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/22/1/011	DMC HTC18		
<b>Short Item Name:</b>	Nut Splitter Set			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>	Chrome Molybdenum steel corrosion resistant metal			
<b>Brief description:</b>				
<p>A 4 piece nut splitter set in a moulded plastic carry case consisting of four nut splitters</p> <p>Chrome Molybdenum steel blades with forged high carbon steel grips.                  Chrome Molybdenum steel blades, forged high carbon steel body.                  Hardened, tempered and chrome plated for corrosion resistance.                  Range 9-12mm, 12-16mm, 16-22mm, 22-27mm.</p>				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Set Box Nominal Size</b>	<b>Part No</b>		
5110-99-9781905	145 x 120 x 45mm			
<b>Complete Set</b>				
<b>Complete set comprising of the following individual items</b>				
<b>NSN</b>	<b>Range Size (mm)</b>	<b>Nom length</b>	<b>Part No</b>	<b>Comment</b>
5110-99-9781906	9 to 12	70 mm		Single splitter
5110-99-9781907	12 to 16	95 mm		Single splitter
5110-99-9781908	16 to 22	125 mm		Single splitter
5110-99-9781909	22 to 27	150 mm		Single splitter
<b>Note/Issue Remarks:</b>				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Issue 1	[REDACTED]	30/05/12		



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/20/1/009</b>	<b>DMC HTC17</b>
<b>Short Item Name:</b>	<b>Magnifiers</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Plastic	
<b>Brief description:</b>		
Magnifying glasses in a range of styles and magnifications as listed below.		


NSN	Description	Magnification	Part No	Photo	Comment
6650-99-1203960	Eyeglass	2.8x			Watchmaker's monocular type single eyeglass with a glass lens and black plastic body; 3-1/2 in. Focal length and 2.8x magnification
6650-99-4347336	Eyeglass	10x			Watchmaker's Monocular type eyeglass with 10x magnification double lens and plastic body.
6650-99-2344627	Magnifier Engineers	2x & 4x			Lightweight plastic magnifier with a main lens of 2x and an insert lens of 4x magnification. Consisting of an integrated plastic handle with 180mm Overall length & 75mm lens diameter.
6650-99-3201232	Magnifier illuminated	2x & 4x			Illuminated multi angle plastic magnifier which can be hand held or surface mounted. The handle can be converted to a stand for use on a flat surface. When used as a stand the magnifying head can tilt in four positions. Main lens magnification x 2 with the insert x 4. Lens 85mm diameter, Overall length 215mm. Uses 2 x AA batteries.

**Note/Issue Remarks:**

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<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1		30/01/13

Tool Specification And Validation Data Sheet

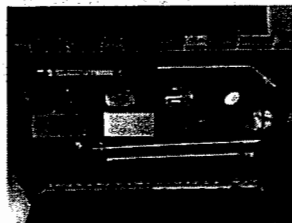
<b>Specification No &amp; DMC:</b>	<b>METS/20/1/007</b>	<b>DMC HTC17</b>
<b>Short Item Name:</b>	<b>Illuminated Magnifier and Filament</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Hand held X10 Illuminating magnifier with batteries and spare filament		
Precision machined all metal construction Distortion free-images with triple element optical quality coated lenses. Miniature 2.5v spare lamp Included. Supplied in fitted case with 2 'C' cells. Length 196 mm Handle diameter 28 mm Lens diameter 12 mm		
Typical applications include the aerospace industry for inspection of critical components.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Description</b>	<b>Part No</b>
6650 99 4657572	Illuminated Magnifier	
6240 99 4657586	Filament for above	
<b>Note/Issue Remarks:</b>		
<hr/> <hr/>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	27/4/12

Tool Specification And Validation Data Sheet

<b>Specification No:</b>	<b>METS/20/01/004</b>	
<b>Short Item Name:</b>	<b>Inspection Mirror Set N</b>	
<b>NSN &amp; DMC:</b>	<b>5120-99-9242942</b>	<b>HTC1</b>
<b>Proprietary Supplier Details:</b>	[REDACTED]	
<b>Standards:</b>		
<b>Finish/Material:</b>		

**Brief description:** - The SET N Marine Inspection Set includes a Battery handle (BH), Telescopic Arm (120-501), Mirrors (120-504, 120-505, 120-506, BML14, BMR14, MS14), Extensions (EXT, EXT/A), Bore Viewers (FF, RP, SP), Recovery Magnet (RM14), Spare Lamps (5-200-014). Also Includes batteries, and is supplied in a foam-lined storage case.

**Photo:**



NSN	Description	Part No
5120-99-9238385	Transit Case	
5120-99-667-3939	Telescopic Pole	
5120-99-923-8373	Battery Handle Length 160 mm	
5120-99-923-8374	Rigid 14 mm Bore Viewer	
5120-99-923-8375	Flex & Stay 14 mm Bore Viewer	
6230-99-634-6134	Fully Flexible 14 mm Bore Viewer	
6230-99-634-7175	Perspex 14 mm Bore Viewer	
5120-99-923-8384	51 mm Elliptical Fixed Mirror	
5120-99-923-8378	19 mm Circular Mirror	
5120-99-923-8382	64 mm Circular Mirror	
5120-99-923-8383	64 mm x 114 mm Rectangular Mirror	
5120-99-923-8376	Extension 380 mm	
5120-99-923-8377	Angled Extension 200 mm	
5120-99-923-8379	Recovery Magnet	
5120-99-124-2704	Mirror 64 mm, Plano, Glass	
5120-99-923-8372	Mirror 64 mm x 114 mm, Plano, Glass	
5120-99-923-8371	Mirror 38 mm, Plano, Glass	

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3	[REDACTED]	19/09/13





Tool Specification And Validation Data Sheet

**Specification No:** METS/20/1/001

**Tool Name:** Dental Mirror

**Specification:**  
 High quality stainless steel dental mirrors with lightweight stainless steel handles  
 All mirrors are to be marked with standard size/type markings and be suitable for engineering applications. See image below for example of the item.

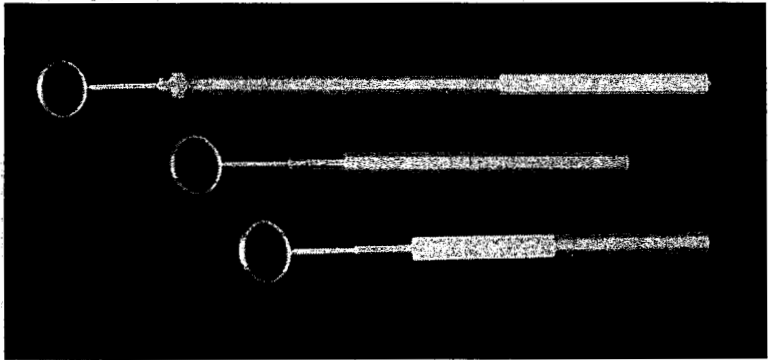


NSN	Overall Mirror Dia.	Overall Length
5120-99-1357783	1"	10"
5120-99-1300118	3/4"	
5120-99-1209173	2"	11"
5120-99-4660037	22 mm	6.7156"
5120-99-9231987	26 mm	9.75"


Status	Authority	Date Issued
Issue 1	[REDACTED]	15/07/2011

**Remarks/Notes:**  
 Suppliers:


Tool Specification And Validation Data Sheet

<b>Specification No:</b>		METS20/01/001		
<b>Short Item Name:</b>		Inspection Mirror		
<b>NSN &amp; DMC:</b>			HTC17	
<b>Proprietary Supplier Details:</b>		[REDACTED]		
<b>Standards:</b>				
<b>Finish/Material:</b>				
<b>Brief description:</b> Inspection mirror				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Mirror Diameter (mm)</b>	<b>Mirror Type</b>	<b>Overall Length (mm)</b>	<b>Part No</b>
5120-99-1357783	24	Magnifying	255	[REDACTED]
5120-99-4660037	22	Plain	165	[REDACTED]
5120-99-9231987	26	Plain	255	[REDACTED]
Plain Replacement Head				
5120-99-1300118	22	Plain head	48	[REDACTED]
<b>Note/Issue Remarks:</b> [REDACTED]				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 2	[REDACTED]		05/07/12	

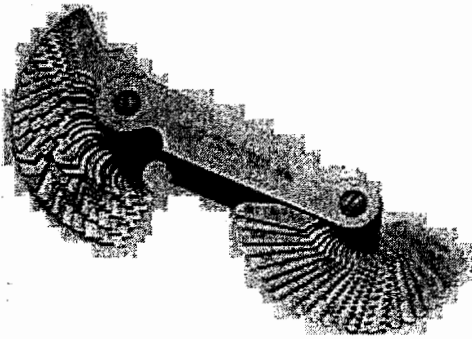
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/19/052</b>	<b>DMC: HTC17</b>	
<b>Short Item Name:</b>	Wire Gauge (Standard and Imperial)		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>	Steel		
<b>Brief description:</b>			
This is an Imperial 1 to 36 S.W.G double rectangular plates which are joined by a single rivet. Plates are marked in SWG sizes.			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Part Number</b>	<b>Order code</b>	<b>Remarks</b>
5210-99-9105233	( [REDACTED] )		
<b>Note/Issue Remarks:</b>			
[REDACTED]			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	15/10/13	

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/19/048</b>	<b>DMC: HTC17</b>	
<b>Short Item Name:</b>	<b>Remote Handling Tool</b>		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
<p>This is a general purpose reaching/pickup tool. Rotatable head with self centring jaws with renewable rubberised jaw linings. Jaws are aluminium alloy, jaw head is glass filled nylon. Shaft and handle are to be ion phosphate pre treated and powdered coated. Fitted with a metal pull rod for extra strength.</p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Pole Length (cm)</b>	<b>Jaw Size (mm)</b>	<b>Part Number</b>
5120-99-1376795	100	63	
5120-99-8030813	125	63	
<b>Note/Issue Remarks:</b>			
<p>_____</p>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2		12 Aug 13	

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/19/046	<b>DMC:</b> HTC17	
<b>Short Item Name:</b>	Thread Gauge, SI Metric and Whitworth		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>	Hardened alloy steel		
<p><b>Brief description:</b>                  Thread gauge for SI Metric and Whitworth. Encased blade sets contains 49 blades in the size groups below:</p> <p>Metric: 0.4, 0.5, 0.7, 0.75, 0.8, 0.9, 1.0 1.25, 1.50, 1.75, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0 Threads Per Inch (TPI)</p> <p>Imperial: 4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40, 48, 60 (TPI)</p> <p>Each blade is marked with number of TPI</p>			
<p><b>Photo:</b></p> 			
<b>NSN</b>	<b>Part Number</b>	<b>Stock Number</b>	<b>Remarks</b>
5210-99-9105221			
<b>Note/Issue Remarks:</b>			
<p>_____</p> <p>_____</p>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Initial Issue		26 Jun 13	

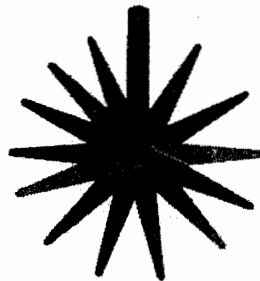
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/19/039</b>	<b>DMC HTC17</b>
<b>Short Item Name:</b>	Feeler Gauges	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	DIN 2275 & BS957	
<b>Material/Finish:</b>	All blades are hardened, tempered and polished	

**Brief description:**

Complies with DIN 2275  
 All blades are hardened, tempered and polished  
 Nominal thickness marked on each blade

**Photo:**

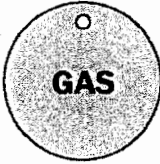


NSN	Short Description	Blade Details	Part No
5210 99 7478901	Gauge Feeler Set, 3" Nominal Length, '1.5 TO 25 TH, 21 Blades	21 Blades;1.5, 2, 2.5, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 in 1/1000in	
5210 99 9770898	Gauge Feeler Set, 300mm Nom length 0.05 mm To 0.80 mm 10 tapered blades	Encased;0.05 mm To 0.80 mm Range Of Set;10 Blades Marked In MM Decimal, 0.05, 0.10, 0.15, 0.20, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80 mm;	
5210 99 1207068	Gauge Feeler Set 4" Nominal length 0.0015" 'TO 0.0250" ' 10 tapered blades	4in Tapered Blades; 10 Blades 1- 1/2,2,3,4,6,8,10,12,15,25, in 1/1000in	
5210 99 9239850	Gauge Feeler Set 12" Nominal Length 0.0015" 'TO 0.0250" ' 10 tapered blades	10 Tapered Shaped Blades,12 In. Lg; 0.0015, 0.002, 0.003, 0.004, 0.006, 0.008, 0.010, 0.012, 0.015 And 0.025 In.	
5210 99 1229361	Gauge Feeler Set 100mm Nominal length Metric 0.05 TO 1.00, 13 Blades	0.05 Mm - 1 Mm Thk Range Of Set	
5210 99 9555347	Gauge Feeler Set 3" Nominal length 0.001" 'TO 0.0250" ' 15 tapered blades	15 Blades;1.5, 2, 2.5, 3, 4, 5, 6, 7, 10, 12, 15, 16, 20, 25 in 1/1000in	

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2		5/6/13

Tool Specification And Validation Data Sheet

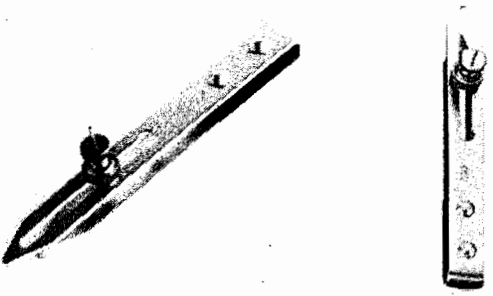
<b>Specification No &amp; DMC:</b>		<b>METS/19/038</b>	<b>DMC HTC17</b>	
<b>Short Item Name:</b>		Discs, Vehicle Fleet, Numbered		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>		Strong Plastic		
<b>Brief description:</b>				
<p>Strong Plastic Vehicle Fleet Numbering Discs with hole stamped near the edge for hanging. 32 mm diameter with 4.7mm hanging hole, 1.5mm thick. Individually numbered or lettered.</p> <p>Assorted shapes, colours and bespoke lettering available. 33mm diameter tags. Item codes: <span style="background-color: black; color: black;">████████</span> with up to one line of text or numerals. <span style="background-color: black; color: black;">████████</span> with up to two lines of text or numerals. 7 colour combinations available.</p>				
<b>Photo: Example</b>				
				
NSN	Number of Discs in Set	Colour	Part No	Comment
9905-99-4495988	25	White		Numbered 1 – 25. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495989	25	White		Numbered 26 - 50. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495990	25	White		Numbered 51 – 75. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495991	25	White		Numbered 76 – 100. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495992	25	White		Numbered 101 – 125. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495993	25	White		Numbered 126 – 150. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495994	50	White	0	Numbered 151 – 200. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495995	100	White		Numbered 201 – 300. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-4495996	50	White		Numbered 301 – 350. Red & Green Numbers engraved 12.7 mm high, 0.5mm deep.
9905-99-0630097	25	Yellow		Black letters engraved 'Loan & Detached', 7-8mm high, 0.5mm deep.
9905-99-0878864	25	Red		White Letters engraved 'U/S & Cal', 7-8mm high, 0.5mm deep.
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2		<span style="background-color: black; color: black;">████████████████████</span>		30/10/12

Tool Specification And Validation Data Sheet






<b>Specification No &amp; DMC:</b>	<b>METS/19/034</b>	<b>DMC HTC17</b>
<b>Short Item Name:</b>	Jug, Measure Liquid	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Polyethylene	
<b>Brief description:</b>		
<p>High quality clear plastic polyethylene Measuring Jug, with removable, flexible leak proof pouring spout and securing nut. For decanting Lubricants and Anti-Freeze liquids. With build in moulded pouring handle, open top, body of container tapered for stability, wider at the base than the top opening. Graduated in millilitres and litres, gallons and 1/4 gallon divisions. Separate lids available on request, and spare flexispouts with nut.</p>		
<b>Photo:</b>		
<b>NSN</b>	<b>Capacity (Ltr)</b>	<b>Part No</b>
6640-99-8342573	2	
7240-99-3009559	5	
<b>Note/Issue Remarks:</b>		
<p>(</p>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	24/5/13



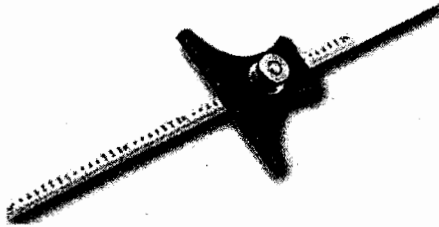
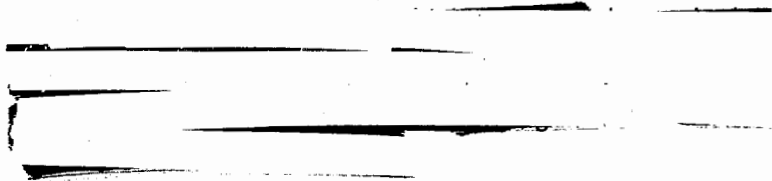
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/19/031</b>	<b>DMC HTC17</b>
<b>Short Item Name:</b>	<b>Scriber, Recess</b>	
<b>NSN:</b>	<b>5120-99-9026670</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Polished steel scriber, bent into a two-pronged arm 'u' shape, secured with 2 rivets and a section of malleable fill to act as a spring to keep the two arms separated. With adjustable elongated slot, for a scribing pin to be secured at the desired position. The scribing pin is located and secured within a brass-locking nut. Scribing pin hardened and tempered steel. For flooring, dry-lining and general on-site building tasks.</p>		
<b>Photo:</b>		
		
<b>Note/Issue Remarks:</b>		
<hr/>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	15/07/2011







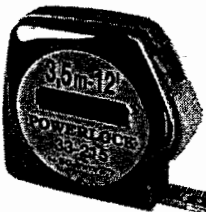



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/19/023	<b>DMC:</b> HTC17
<b>Short Item Name:</b>		Scriber, Engineers, Machinists	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>		Tool steel	
<b>Brief description:</b> Machinists Scriber made from high strength tempered tool steel.			
<b>Photo:</b> See below.			
<b>NSN</b>	<b>Overall Length (ins (mm))</b>	<b>Remarks</b>	
5120-99-9105889	4 (101.6)	Chisel knife edge and point Machinists Scriber with all bright finish. 	
5120-99-9105890	10 (254)	Chisel knife edge and point Machinists Scriber with all bright finish. 	
5120-99-9105891	7 (177.8)	Double pointed Machinists Scriber with One straight and one 90-degree point and a black finish knurled central portion for better grip. 	
<b>Note/Issue Remarks:</b> 			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2		03/09/12	

### Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/19/009	DMC HTC17	
<b>Short Item Name:</b>	Gauge, Depth, Rule		
<b>NSN:</b>	5210-99-9105194		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
<p>Stainless steel gauge depth rule. Graduations, 1/64" on edge, 2<sup>nd</sup> edge, 1mm and 10mm graduations. Top and bottom faces ground accurately so the rule can be used in confined spaces.</p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Measuring Range (mm)</b>	<b>Rule Width (mm)</b>	<b>Remarks</b>
5210-99-9105194	151	63.5	Without Vernier Scale,
<b>Note/Issue Remarks:</b>			
Similar Item:			
<div style="border: 1px solid black; padding: 5px;"> <p>1</p>  </div>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	15/07/2011	




## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/19/004</b>	<b>DMC HTC17</b>	
<b>Short Item Name:</b>		Rule, Steel, Flexible, Retractable		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>		See individual specs below		
<b>Brief description:</b>				
Standard pocket flexible steel pull-out rule, with spring return mechanism, and sliding locking device to secure the extended tape whilst measuring. Tape of various widths with metal or strong plastic case. Some models have attached belt clip/hook, either fixed or removable from the case.				
NSN	Measuring Range (m)	Tape Width (mm)	Part Number	Remarks
5210-99-1209798 	3	13		3M Tape Measure, a heavy duty, durable one which is graduated in both imperial and metric. A robust case with a belt clip.
5210-00-0864988 	3	13		Impact resistance bi-material case of ABS plastic and rubberised covering for comfort and ergonomic use. Wear resistant Tylon blade coating tape, graduated in mm and 1" divisions. 2 rivet end hook.
5210-99-9908215 	3	13		3m Pocket Tape Measure with top sight window, spirit level and steel stylus under pivot for drawing radii. White enamelled steel tape, 13mm wide, tape graduated in imperial and metric divisions on top on both surfaces.
5210-00-5402560 	3.5	13		Standard metal or strong plastic cased flexible steel extending measuring tape, Mylar coated. 13mm wide, 3.5m long, Spring retractable with locking device.
5210-99-0040849 	5	19		Tough impact resistant case with soft grip, blade locking button and belt clip. Power return nylon coated blade graduated in mm, cm, 1/16", 1", and 12" divisions


## Tool Specification And Validation Data Sheet

<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	



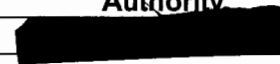
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/18/1/014	<b>DMC: HTC16</b>	
<b>Short Item Name:</b>		Drift Taper – Non Ferrous		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
<p>Non ferrous taper drift. Taper Punch Drift, with blunt square end tip, either round, square or octagonal handle section with tapered Pin length section. Round section handle type, knurled for better grip. Material aluminium bronze or copper.</p>				
<b>Photo:</b>				
				
NSN	Taper Ø	Taper Length	OAL	Material
5120-99-9104426	1/8" – 1/4"	2-1/4"	6.5"	Copper
5120-99-9104428	3/8" – 5/8"	2-5/8"	6.5"	Copper
5120-99-9104427	1/4" – 1/2"	2-1/2"	6.5"	Copper
<b>Note/Issue Remarks:</b>				
				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 3			21/01/14	

Tool Specification And Validation Data Sheet





<b>Specification No &amp; DMC:</b>	<b>METS/18/1/012</b>	<b>DMC HTC16</b>
<b>Short Item Name:</b>	<b>Pin Punch – Parallel Set (5)</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Parallel drive pin punch set, is produced from a hardened & tempered high carbon steel, with a knurled shank, and is used for removing pins in parallel holes		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Remarks</b>	
5120-99-1393642	Parallel set of the following 5 pin punches	
	<b>Pin Ø</b>	
	<b>Overall Length</b>	
<b>Comprising of:</b>	<b>Metric</b>	<b>Imperial</b>
No NSN	3.2	1/8"
No NSN	4.8	3/16"
No NSN	6.4	1/4"
No NSN	7.9	5/16"
No NSN	9.5	3/8"
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	15/7/11

Tool Specification And Validation Data Sheet


<b>Specification No &amp; DMC:</b>	METS/18/1/010	<b>DMC: HTC16</b>
<b>Short Item Name:</b>	Centre Punch – Solid	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Centre punch, high carbon hardened & tempered steel with a hexagonal body and a precision ground centre point. Used for marking metal prior to drilling.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Hexagonal Body</b>	<b>Overall Length</b>
5120-99-9105548	5/16" (9.5mm)	4" (101.6mm)
5120-99-9105549	1/2" (12.7mm)	5" (127mm)
<b>Note/Issue Remarks:</b>		
		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2		18/10/12





Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/18/1/009	<b>DMC:</b> HTC16
<b>Short Item Name:</b>	Eyelet Punch Die – Set	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Eyelet Punch &amp; Die Set, high carbon hardened &amp; tempered steel with a round base &amp; body with precision ground mating surfaces.</p> <p>The set is used to close the eyelet that is being used through the fabric that has a hole already cut in it.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Diameter of Finished Hole</b>	<b>Eyelet No: or Letter</b>
5120-99-9105637	1/8"	18
5120-99-9105638	3/8"	24
5120-99-9105639	1/2"	28
5120-99-9105640	5/8"	30
5120-99-9105641	3/4"	32
5120-99-9105642	1"	35
5120-99-9105643	7/8"	A
5120-99-9105644	11/16"	B
5120-99-9105646	15/32"	D
5120-99-9105647	15/32"	F
5120-99-9105648	5/16"	G
<b>Note/Issue Remarks:</b>		
  		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	18/10/12


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/18/1/005</b>	<b>DMC HTC16</b>
<b>Short Item Name:</b>	<b>Parallel Drift – Brass</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Parallel brass drift with a hexagonal shank.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Diameter</b>	<b>Overall Length</b>
5120-99-9104420	1/4"	6-1/2"
5120-99-9104421	3/8"	6-1/2"
5120-99-9104422	1/2"	6-1/2"
5120-99-9104424	3/4"	6-1/2"
5120-99-9104425	1"	8"
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	15/7/11


## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/18/1/003	<b>DMC:</b> HTC16		
<b>Short Item Name:</b>	Drive Punch – Taper			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Taper drive pin punch, is made from a hardened & tempered high carbon steel, with a hexagonal or round shank, and is used for removing pins in holes				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Pin Diameter</b>		<b>Overall Length</b>	
	<b>Imperial</b>	<b>Metric</b>	<b>Imperial</b>	<b>Metric</b>
5120-99-9105583	1/16"	1.6	4	101.6
5120-99-9105584	3/32"	2.4	4	101.6
5120-99-9105585	1/8"	3.2	5	127
5120-99-9105586	5/32"	4.0	5	127
5120-99-9105587	3/16"	4.8	6	152.4
5120-99-9105588 *	7/32"	5.5	6	152.4
5120-99-9105589 *	1/4"	6.4	6	152.4
5120-99-9104430 *	5/16"	7.9	5	127
5120-99-9105590 *	3/8"	9.5	8	203
5120-99-9105591 *	1/2"	12.7	10	254
5120-99-9104423 *	5/8"	20.6	6	152.4
5120-99-9104437 *	3/4"	19.0	6	152.4
<b>Note/Issue Remarks:</b>				
				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 2	[REDACTED]		118/10/12	

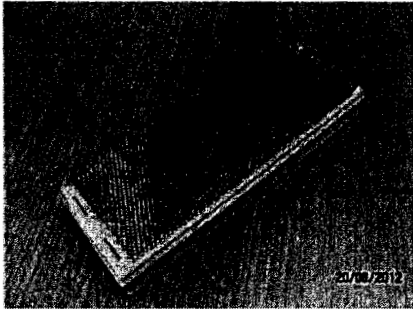
## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/18/1/002	DMC: HTC16		
<b>Short Item Name:</b>	Drive Punch – Parallel			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Parallel drive pin punch is made from hardened & tempered high carbon steel, with a knurled shank, and is used for removing pins in parallel holes.				
<b>Photo:</b>				
				
NSN	Pin Diameter		Overall Length	
	Imperial	Metric	Imperial	Metric
5120-99-9105551	1/16	1.6	4	101.6
5120-99-9105577	3/32	2.4	4	101.6
5120-99-9105578	1/8	3.2	4	101.6
5120-99-7107346	5/32	3.9	4	101.6
5120-99-9105579	3/16	4.8	4-1/4	108
5120-99-9105580	1/4	6.4	5	127
5120-99-9105581	5/16	7.9	6	152.4
5120-99-9105582	3/8"	9.5	7	177.8
5120-99-7684126	n/a	2.0	n/a	100
*5120-99-7684128*	n/a	2.5	n/a	100
5120-99-7684132	n/a	3.0	n/a	100
5120-99-7684133	n/a	4.0	n/a	110
5120-99-7684191	n/a	6.0	n/a	125
5120-99-9682334	n/a	8.0	n/a	150
*5120-99-4375858*	7/8"	n/a	9.0	n/a
*5120-99-4375859*	3/4"	n/a	8-1/2	n/a
*5120-99-4375860*	5/8"	n/a	8-1/4	n/a
*5120-99-4375861*	1/2"	n/a	8.0	n/a
5120-99-4375862	3/8"	n/a	7-3/4	n/a
5120-99-4375863	5/16"	n/a	7-1/2	n/a
5120-99-4375864	1/4"	n/a	6-5/8	n/a
5120-99-4375865	3/16"	n/a	6-5/8	n/a
5120-99-4375866	1/8"	n/a	6-3/8	n/a
<b>Note/Issue Remarks:</b>				
<b>Status</b>	<b>Authority</b>	<b>Date</b>		
Issue 2	[REDACTED]	2/1/13		


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/18/1/001</b>	<b>DMC HTC16</b>
<b>Short Item Name:</b>	<b>Cutting Punch - [REDACTED]</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Hollow wad cutting punch is made from one piece forged steel, with a polished tapered section and a smooth black shank. It is used for cutting holes in soft materials or for producing discs from the material being cut.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Hole diameter</b>	
5110-99-9105666	1/4" (6.35mm)	
5110-99-9105667	3/8" (9.5mm)	
5110-99-9105668	7/16" (11.1mm)	
5110-99-9105669	1/2" (12.7mm)	
5110-99-9105670	9/16" (14.3mm)	
5110-99-9105671	5/8" (15.9mm)	
5110-99-9105672	11/16" (17.5mm)	
5110-99-9105673	3/4" (19.1mm)	
5110-99-9105674	13/16" (20.6mm)	
5110-99-9105675	7/8" (22.2)	
5110-99-9105676	15/16" (23.8mm)	
5110-99-9105677	1" (25.4mm)	
5110-99-9105678	1-1/8" (28.6mm)	
5110-99-9105679	1-1/4" (31.8mm)	
5110-99-9105681	1-1/2" (38.1mm)	
5110-99-9105682	1-5/8" (42.5mm)	
5110-99-9105685	2" (50.8mm)	
5110-99-9105686	2-1/8" (54mm)	
5110-99-9105688	2-3/4" (70mm)	
<b>Note/Issue Remarks:</b>		
<p>[REDACTED]</p>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	15/7/11

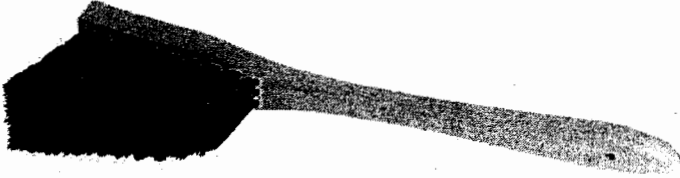


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/17/034</b>	
<b>Short Item Name:</b>		<b>Brush, File Cleaner</b>	
<b>NSN &amp; DMC:</b>		<b>7920-99-9104543</b>	<b>HTC17</b>
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>		Waxed Beech block with High Tensile stainless steel Bristles	
<b>Brief description:</b>			
Waxed Beech block handle with 5.00mm long, 0.25mm dia High Tensile stainless steel wire bristles for removing small particles that clog teeth and reduce the file's ability to cut.			
<b>Photo:</b>			
			
<b>Dimensions (mm)</b>	<b>Bristle wire dia (mm)</b>	<b>Brushing surface (mm)</b>	<b>Wire exposed Length (mm)</b>
127 x 45 x 28	0.25	110 x 40	5
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	27/11/12	

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/17/033</b>		<b>DMC HTC15</b>	
<b>Short Item Name:</b>		Brush Wire Scratch			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>		BS2939-Table 5 REF. NO. JS2; BS2939 Table 5 Ref JS6			
<b>Material/Finish:</b>		Waxed Beech handle with Crimped brass Bristles			
<b>Brief description:</b>					
Crimped brass scratch brush securely held in a waxed Beech stock incorporating a hang hole					
<b>Photo:</b>					
					
<b>NSN</b>	<b>OAL (mm)</b>	<b>Bristle area (mm)</b>	<b>Bristle wire dia (mm)</b>	<b>Wire exposed Length (mm)</b>	<b>Part No.</b>
7920-99-4347145	300 x 22	150	0.13	22	
7920-99-1255668	180 x 19	60	0.13	22	
7920-99-7787507	265	110		22	
<b>Note/Issue Remarks:</b>					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1		[REDACTED]		27/11/12	

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/17/028</b>	<b>DMC HTC15</b>	
<b>Short Item Name:</b>		<b>Brush, Vehicle Track</b>		
<b>NSN:</b>		<b>7920-99-9580916</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
<p>Long Handled hardwood brush with Bahia Mix bristle fill. Bristles are set at an angle to the handle and longer at the front end and taper off in length towards the handle end, to assist in cleaning awkward angles and spaces within the vehicle tracks.</p>				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Bristle Type</b>	<b>Brush Width (mm)</b>	<b>Overall Length (mm)</b>	<b>Remarks</b>
7920-99-9580916	Bahia Mix	68	447	handle Stock 21mm thick. 3 x rows of bristles. Supplied in packs of 6.
<b>Note/Issue Remarks:</b>				
				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 1			13/07/2011	



Tool Specification And Validation Data Sheet

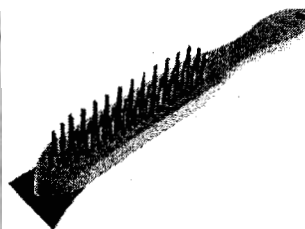
<b>Specification No &amp; DMC:</b>	<b>METS/17/030</b>	<b>DMC HTC15</b>
<b>Short Item Name:</b>	Brush Wire Scratch	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	BS2939-1M9A; BS2939-TABLE 4 REF. NO. F2; F3 & F4	
<b>Material/Finish:</b>	Waxed Beech curved and shaped handle with High Tensile stainless steel Bristles	

**Brief description:**

Wire Scratch Brushes for cleaning slag deposits from welded joints.  
The Brush consists of a wooden stock incorporating a hang hole with High Tensile steel Bristles.

A steel back & scraper is fitted to the head of the handle of 7920-99-1205258 as indicated.

**Photo:**



7920-99-1205258

NSN	OA Dimensions (mm)	Knots per row	Bristle Rows	Exposed Wire Length (mm)	Part No.	Comment
7920-99-1255057	290 x 25	14	2	40		
7920-99-1203867	290	14	3	25		
7920-99-1202537	310 x 40 x 22	14	4	30		
7920-99-1205540	310 x 60	14	5	55		
7920-99-1209945	310 x 75	14	6	50		
7920-99-1205258	310 x 40 x 25	11	4	38		

**Note/Issue Remarks:**

Status	Authority	Date
Issue 1		15/11/12

## Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/17/027</b>	<b>DMC HTC15</b>
<b>Short Item Name:</b>	Brush, Artists	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	BS2992, BS2808	
<b>Material/Finish:</b>	<p>♣ Handles are from natural untreated wood with nickel-plated or galvanised steel ferrule and Pure bristle Lining.</p> <p>♣♣ Handles are round long and thin and from natural wood, painted or sealed with lacquer, fitted with either a nickel-plated or galvanised steel ferrule containing natural bristle, ranging from Sable, Ox, Squirrel, or mixtures of animal hair.</p>	

### Brief description:

This description is applicable to all items marked ♣ :

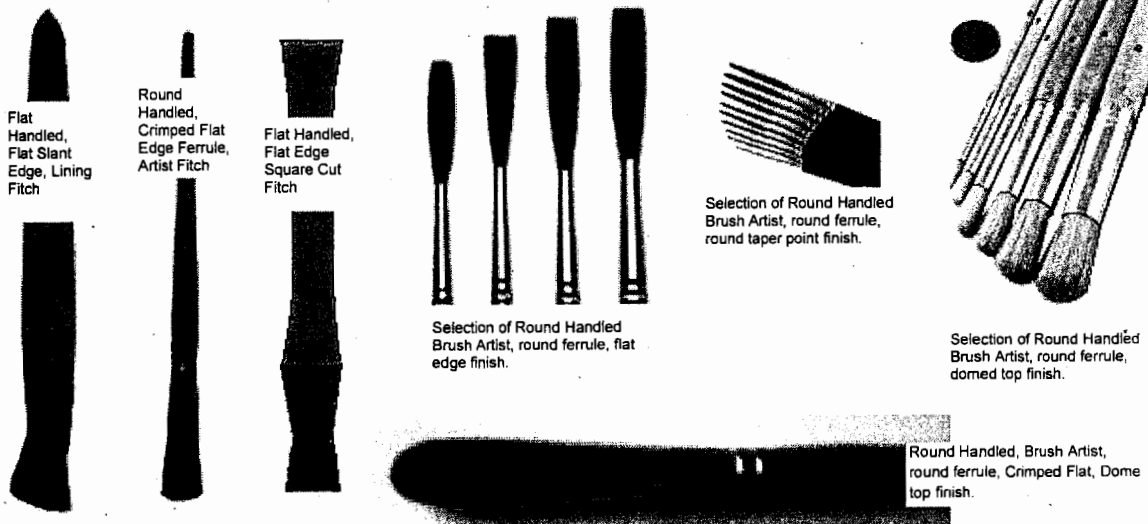
Pure bristle Lining Fitch with either slant/angled edge or flat square edge finish. Handles are long thin and narrow from natural wood, normally not treated, painted or sealed to ensure a good grip is maintained whilst lining. Fitted with either a nickel-plated or galvanised steel ferrule, secured by swaging or crimping. Used by Aircraft Repairers, Painters & Finishers for aircraft cleaning, painting coving, intricate mouldings, window frames and hard to get to areas of buildings. The overall lengths of Fitch brushes are traditionally between 253mm and 340mm long.

This description is applicable to all items marked ♣♣ :

Round handled Artists Fitch brushes, with natural bristle, ranging from Sable, Ox, Squirrel, or mixtures of animal hair. Handles are long and thin and round from natural wood, mostly painted or sealed with lacquer and fitted with either a nickel-plated or galvanised steel ferrule. The ferrules are crimped in place and finished round or crimped flat at the end to produce a specific bristle style finish. Bristle finish can be round curved/domed top, flat edge or taper point. Artist Fitches are traditionally sized by numbers and a 'bird size', with 00 being the smallest, rising up to 16 and can be also labelled Lark, Goose etc. The overall lengths of artist's brushes are traditionally between 150mm and 340mm long in proportion to the brush sizing. Also known as either Round, Flat or Crimped Fitches in the trade.

♣♣ All brushes have an Aviation requirement for a FOD free product, including assembly standard and good bristle retention in use.

### Photo:



Flat Handled, Flat Slant Edge, Lining Fitch

Round Handled, Crimped Flat Edge Ferrule, Artist Fitch

Flat Handled, Flat Edge Square Cut Fitch


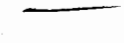










Selection of Round Handled Brush Artist, round ferrule, flat edge finish.

Selection of Round Handled Brush Artist, round ferrule, round taper point finish.

Selection of Round Handled Brush Artist, round ferrule, domed top finish.

Round Handled, Brush Artist, round ferrule, Crimped Flat, Dome top finish.

Tool Specification And Validation Data Sheet

NSN	Bristle Type	Bristle Length (mm)	Bristle Width (mm)	Diameter at Ferrule (mm)	Part No	Comment
8020-99-9430407	Hog	20	6	N/A		♣Flat Handled, Fitch Liner with Flat Slant Edge. Bristle Thickness, 3mm. BS2992,
8020-99-9430408	Hog	25	12	N/A		♣Flat Handled, Fitch Liner with Flat Slant Edge. Bristle Thickness, 3mm. BS2992,
8020-99-9430409	Hog	30	18	N/A		♣Flat Handled, Fitch Liner with Flat Slant Edge. Bristle Thickness, 3mm. BS2992,
8020-99-9430410	Hog	35	25	N/A		♣Flat Handled, Fitch Liner with Flat Slant Edge. Bristle Thickness, 3mm. BS2992,
8020-99-8311195	Hog	22	8	N/A		♣Box of 12, Flat Handled, Industrial Fitch, flat edge, unbleached Bristle with aluminium ferrule. Bristle Thickness, 3.5mm at ferrule.
8020-99-3005425	Hog	33	12	N/A		♣Flat Handled, Fitch, flat edge, unbleached Bristle with aluminium ferrule. Bristle Thickness, 3.5mm at ferrule.
8020-99-9430422	Squirrel mix	21	13	N/A		♣Flat Handled, Fitch Lacquering with Flat Square Edge. Bristle Thickness, 3mm. Ferrule Length 32mm. BS2808,
8020-99-9430423	Squirrel mix	25	25	N/A		♣Flat Handled, Fitch Lacquering with Flat Square Edge. Bristle Thickness, 3mm. Ferrule Length 32mm. BS2808, Size 1.
8020-99-9430424	Squirrel mix	51	32	N/A		♣Flat Handled, Fitch Lacquering with Flat Square Edge. Bristle Thickness, 3mm. Ferrule Length 48mm. BS2808,
8020-99-9430425	Squirrel mix	76	32	N/A		♣Flat Handled, Fitch Lacquering with Flat Square Edge. Bristle Thickness, 3mm. Ferrule Length 48mm. BS2808,
8020-99-9430426	Squirrel mix	102	38	N/A		♣Flat Handled, Fitch Lacquering with Flat Square Edge. Bristle Thickness, 3mm. BS2808,
8020-99-9430417	Hog	15	6	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Flat Edge. Size No 2. BS2992,

Tool Specification And Validation Data Sheet

NSN	Bristle Type	Bristle Length (mm)	Bristle Width (mm)	Diameter at Ferrule (mm)	Part No	Comment
8020-99-9430418	Hog	28	9	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Flat Edge. Size No 6. BS2992
8020-99-9430419	Hog	25	12.5	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Flat Edge. Size No 8. BS299;
8020-99-9430420	Hog	40	15	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Flat Edge. Size No 10. BS299;
8020-99-1255031	Hog	19	8	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Round Edge. Size No 4. BS2808
8020-99-1255032	Hog	31	14	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Round Edge. Size No 8. BS2808, f
8020-99-1255033	Hog	38	23	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Round Edge. Size No 12. BS2808, i
8020-99-1255042	Hog	16	4	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Round Edge. Size No 2. BS280i
8020-99-1255043	Hog	22	10	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Round Edge. Size No 6. BS2808, j
8020-99-1255044	Hog	33	18	N/A		♣Round Handled, Artist Fitch with crimped flat ferrule, Round Edge. Size No 10. BS2808
8020-99-9430427	Brown Ox Hair	70	N/A	6.3		♣Round Handled Artist Fitch with round ferrule, Flat Edge. BS2808







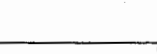


Tool Specification And Validation Data Sheet

NSN	Bristle Type	Bristle Length (mm)	Bristle Width (mm)	Diameter at Ferrule (mm)	Part No	Comment
8020-99-9430428	Brown Ox Hair	63	N/A	3.6		♣Round Handled Artist Fitch with round ferrule, Flat Edge. BS2808
8020-99-9430429	Brown Ox Hair	63	N/A	2.6		♣Round Handled Artist Fitch with round ferrule, Flat Edge. BS2808
8020-99-9430430	Brown Ox Hair	63	N/A	2.2		♣Round Handled Artist Fitch with round ferrule, Flat Edge. BS2808
8020-99-9430431	Brown Ox Hair	63	N/A	1.9		♣Round Handled Artist Fitch with round ferrule, Flat Edge. BS2808
8020-99-9430432	Brown Ox Hair	63	N/A	1.6		♣Round Handled, Artist Fitch with round ferrule, Flat Edge. BS2808
8020-99-9430434	Squirrel	28	N/A	4.7		♣Round Handled, Artist Fitch with round ferrule, Round Dome Top finish.
8020-99-9430435	Squirrel	32	N/A	6.4		♣Round Handled, Artist Fitch with round ferrule, Round Dome Top finish. 3S 2808
8020-99-9430437	Squirrel	35	N/A	9.5		♣Round Handled, Artist Fitch with round ferrule, Round Dome Top finish. JS 2808
8020-99-9430438	Squirrel	36.5	N/A	11		♣Round Handled, Artist Fitch with round ferrule, Round Dome Top finish. BS 2808
8020-99-9430439	Brown Ox Hair	38	N/A	12.6		♣Round Handled, Artist Brush with round ferrule, Round Dome Top finish. BS 2808
8020-99-3469398	Hog	35	N/A	19		♣Box of 12, Round Handled, Artist Brush with round ferrule, Flat Edge. Size 10.









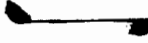
Tool Specification And Validation Data Sheet

NSN	Bristle Type	Bristle Length (mm)	Bristle Width (mm)	Diameter at Ferrule (mm)	Part No	Comment
8020-99-9430442	Squirrel	9.5	N/A	1.6		♣Round Handled, Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. BS2808
8020-99-9430443	Squirrel	11	N/A	1.9		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. BS2808
8020-99-9430445	Squirrel	15	N/A	2.6		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. BS2808
8020-99-9430456	Sable	5.5	N/A	1.1		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 00, for re-touching up existing work pieces. BS2808
8020-99-9430457	Sable	7	N/A	1.3		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 0, for re-touching up existing work pieces. BS28C
8020-99-9430458	Sable	9	N/A	1.6		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 1, for re-touching up existing work pieces. BS2808
8020-99-9430459	Sable	14	N/A	1.9		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 2, for re-touching up existing work pieces. BS2808
8020-99-9430460	Sable	12	N/A	2.2		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 3, for re-touching up existing work pieces. BS28C
8020-99-9430461	Sable	13.5	N/A	2.6		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 4, for re-touching up existing work pieces. BS280E

Tool Specification And Validation Data Sheet

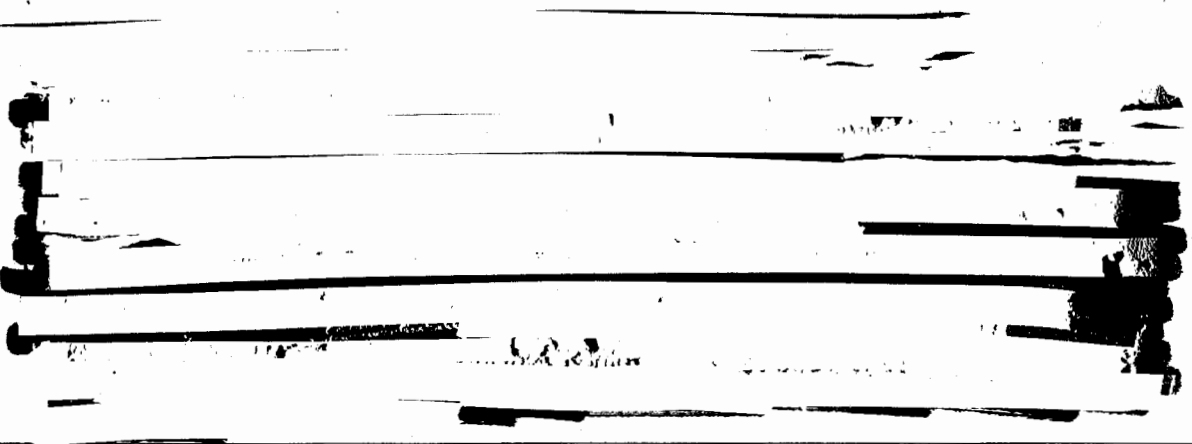
NSN	Bristle Type	Bristle Length (mm)	Bristle Width (mm)	Diameter at Ferrule (mm)	Part No	Comment
8020-99-9430462	Sable	15	N/A	3.1		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 5, for re-touching up existing work pieces. BS2808
8020-99-9430463	Sable	19	N/A	3.6		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 6, for re-touching up existing work pieces. BS2808
8020-99-9430464	Sable	21	N/A	4.2		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 7, for re-touching up existing work pieces. BS2808,
8020-99-9430465	Sable	23	N/A	4.9		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. Size 8, for re-touching up existing work pieces. BS2808,
8020-99-1255036	Squirrel	18	N/A	3.6		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. BS2808,
8020-99-1255047	Squirrel	16.5	N/A	3.1		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. BS2808,
8020-99-1255048	Squirrel	24.5	N/A	5.6		♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. BS2808,
8020-99-3015777	Soft Hair Mixture	26	N/A	6.3		♣Box of 10, Round Handled Artist Brush with Round Ferrule, Round Taper Point finish. (*Part Nr quoted is for single item) BS2808,
8020-99-3709346	Soft Hair Mixture	18	N/A	3.6		♣Box of 10, Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. (*Part Nr quoted is for single item) BS2808,

Tool Specification And Validation Data Sheet

NSN	Bristle Type	Bristle Length (mm)	Bristle Width (mm)	Diameter at Ferrule (mm)	Part No	Comment
8020-99-3826097	Soft Hair Mixture	7	N/A	1.3		<p>♣Box of 10, Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. (*Part Nr quoted is for single item)</p> <p>BS2808</p>
8020-99-4284666	Soft Hair Mixture	11	N/A	1.9		<p>♣Box of 10, Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil. (*Part Nr quoted is for single item)</p> <p>BS2808,</p>
8020-99-1376841	Sable	19	N/A	1.6		<p>♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil.</p> <p>BS2808</p>
8020-99-1376843	Squirrel	32	N/A	3.1		<p>♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil.</p> <p>BS2808,</p>
8020-99-1376845	Sable	22	N/A	3.6		<p>♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil.</p> <p>BS2808</p>
8020-99-1376847	Squirrel	35	N/A	4.2		<p>♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil.</p> <p>BS280</p>
8020-99-1376849	Sable	29	N/A	4.2		<p>♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil.</p> <p>BS2808</p>
8020-99-1376853	Sable	22	N/A	2.2		<p>♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil.</p> <p>BS2808,</p>
8020-99-9430444	Squirrel	12.5	N/A	2.2		<p>♣Round Handled Artist Brush with round ferrule, Round Taper Point finish. Also known as Water Colour Pencil.</p> <p>BS2808.</p>



Tool Specification And Validation Data Sheet

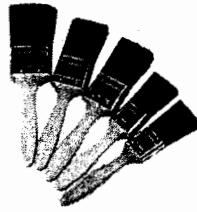
NSN	Bristle Type	Bristle Length (mm)	Bristle Width (mm)	Diameter at Ferrule (mm)	Part No	Comment
8020-99-9430466	Sable	N/A	N/A	N/A		◆Brush Set, Round Handled Artist Brush with round ferrule, Round Taper Point finish consisting of 7 Brushes: 8020-99-9430457 8020-99-9430458 8020-99-9430459 8020-99-9430460 8020-99-9430461 8020-99-9430462 8020-99-9430463 Ranging from size 0 – 6.
<p><b>Note/Issue Remarks:</b></p> 						
<b>Status</b>		<b>Authority</b>			<b>Date</b>	
Issue 2		[REDACTED]			5/9/12	

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/17/015</b>	<b>DMC HTC15</b>
<b>Short Item Name:</b>	Brush, Varnish	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	BS 2992, Table 8.	
<b>Material/Finish:</b>	Hardwood handle and steel, nickel-plated or stainless steel ferrule.	

**Brief description:**  
Standard flat Hog Bristle Varnish/Paint brush with hardwood handle and steel, nickel-plated or stainless steel ferrule. Constructed to BS 2992, Table 8.

**Photo:**



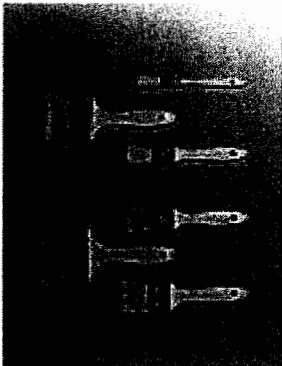

NSN	Width (mm)	Brush Thickness (mm)	Exposed Bristle Length	Part No	Comment
8020-99-9430556	12	9	40		BS2992, Table 8, Item No 8/1. 24 per box. First issued on maintenance kit, Dinghy, Sailing, 14ft GRP
8020-99-1255009	25	12	43		BS2992-8-3A. Plain finished handle, 125mm long. 24 per box. Supplier: N
8020-99-1255010	50	15	56		BS2992-8-5A. Plain finished handle, 130mm long. 12 per box.
8020-99-1275341	75	15	62		BS2992, Table 8, Item No 7A. Plain finished handle, 140mm long. 12 per box.

**Note/Issue Remarks:**

[Redacted area with several horizontal black bars obscuring text]

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[Redacted]	5/9/12

### Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/17/018	DMC HTC15	
<b>Short Item Name:</b>	Brush, Paint		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
<p>Low cost industrial white bristle flat type paintbrush with plastic handle and solvent resistant settings for applying all types of resins in GRP production or repairs. Short bristle length to add stiffness whilst applying thick resins.</p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Width at Ferrule (in)</b>	<b>Thickness at Ferrule (mm)</b>	<b>Remarks</b>
8020-99-1797535	1		
8020-99-2822054	2		
8020-99-7536551	3		
8020-99-1252109	4	12	
<b>Note/Issue Remarks:</b>			
			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	13/07/2011	