



191

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>Rahsol</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	
✓ 5120-12-3349028	1/2"	SD	Fixed Head	
5120-99-2085169	1/2"	SD Ratchet	1/2" Push through	
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 3		[REDACTED]		15/4/14


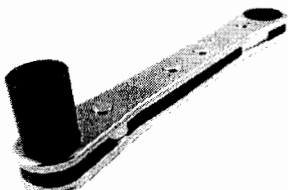

142

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/8/2/021</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>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	
✓ 5120-99-7992614	3/8"	2.4 - 12 Nm	24 - 120 lbf.in	244	
5120-99-7992615	3/8"	5 - 25 Nm	48 - 240 lbf.in	244	
5120-99-7992616	3/8"	5 - 25 Nm	4 - 20 lbf.ft	244	
5120-99-7822337	3/8"	8 - 40 Nm	72 - 360 lbf.in	244	
<b>Note/Issue Remarks:</b>					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1				15/7/11	


193

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/10/4/001</b>	<b>DMC HTC10</b>	
<b>Short Item Name:</b>		<b>Fasteners – Hi-Lok removal tools</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Removal tool for Hi-Lok, Hi-Shear and Hi-Tigue fasteners.				
<b>Photo:</b>				
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Standard</p> </div> <div style="text-align: center;">  <p>6-wing Wrench</p> </div> <div style="text-align: center;">  <p>Collar</p> </div> </div>				
NSN	Drive size	Fastener Size	Collar Type	Model (Part Number)
X 5120-00-1385796	1/4"	3/16" & 5/32"	Standard	
X 5120-00-1385848	1/4"	1/4"	Standard	
5120-01-0118530	1/4"	5/16"	Standard	
5120-01-0118531	3/8"	3/8"	Standard	
5120-00-1385851	1/4"	5/32"	6-wing Wrench	
5120-00-1385856	1/4"	3/16"	6-wing Wrench	
5120-00-1385860	1/4"	1/4"	6-wing Wrench	
5120-01-3115809	1/4"	5/16"	6-wing Wrench	
5120-01-3115810	3/8"	3/8"	6-wing Wrench	
X 5133-01-4286337	3/8"	1/4"	Collar	
X 5133-01-5616776	3/8"	5/16"	Collar	
X 5120-01-0234413	3/8"	3/8"	Collar	
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2		[REDACTED]		14/10/14


Tool Specification And Validation Data Sheet

194

<b>Specification No &amp; DMC:</b>		<b>METS/10/4/002</b>	<b>DMC HTC10</b>		
<b>Short Item Name:</b>		<b>Fasteners – Hi-Lok installation tools</b>			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
Installation tool for Hi-Lok, Hi-Shear and Hi-Tigue fasteners. Tool comprises of ratchet wrench with hole through centre of spindle for hex key insertion. Supplied with T-handle hex key.					
<b>Photo:</b>					
	<b>NSN</b>	<b>Drive size</b>	<b>Fastener Size</b>	<b>Part Number</b>	<b>Remarks</b>
	5120-01-3112569	1/4"	5/32"		
*	5120-01-3115808	5/16"	3/16" & 5/32"		
*	5120-01-3118819	11/32"	1/4"		
	5120-01-3118820	7/16"	5/16"		
	5120-01-3214449	1/2"	3/8"		
*	5120-99-9777646	8.0 mm	4.0 mm		
*	5120-99-9777647	10.0 mm	5.0 mm		
	5120-99-9777649	13.0 mm	8.0 mm		
*	5120-99-9777650	14.0 mm	10.0 mm		
<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

195

<b>Specification No &amp; DMC:</b>		<b>METS/10/05/001</b>	<b>DMC HTC10</b>	
<b>Short Item Name:</b>		Fasteners – Grip pins, standard length, AF		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>		FOD Free		
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Standard length FOD-Free solid body grip pins with spindle enclosed within nut and peened at the end to prevent the locking ring from spinning off the shaft. Used for temporarily holding metal sheets together during fabrication. Grip range 0 – ½”.				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Diameter (Ins)</b>	<b>Colour Code</b>	<b>Part No</b>	<b>Comment</b>
<del>5120-99- 4334530</del>	3/32	Red		
<del>5120-99-4334531</del>	1/8	Yellow		
<del>5120-99-1208011</del>	5/32	Blue		
5120-99-1377357	3/16	Black		
No NSN	1/4	White		
<b>Note/Issue Remarks:</b>				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 2	[REDACTED]		27/11/12	

196


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/10/12/010</b>	<b>DMC HTC10</b>
<b>Short Item Name:</b>		<b>Fasteners – Bucking Bars, ATI</b>	
<b>Proprietary Supplier Details:</b>		<b>ATI Tools/Snap-On Tools Corp</b>	
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Riveting Blocks, cast non porous, heat treated steel or fabricated from cold rolled steel, machined and case hardened. Smooth round corners and edges. Mirror polished riveting surface (Free from imperfections). For Forming solid rivets			
<b>Photo:</b>			
<b>NSN</b>	<b>Weight (lbs)</b>	<b>Part Number</b>	<b>Remarks</b>
5120-01-3684294	3.0		Overall length: 5x2x1-1/2"
5120-01-3684287	1.5		Overall length: 5-1/4"
5120-01-3684327	3.0		Overall length: 5-1/2"
5120-01-3684303	1.25		Overall length: 5"
5120-01-0752007	0.75		Overall length: 3-3/16"
5120-01-3684352	3.25		Overall length: 5-1/2"
5120-01-3295355			(No details)
5120-01-3684261	1.75		Overall length: 8"
5120-01-3684357	2.25		12"
5120-01-3684359	2.0		Overall length: 11-7/8"
5120-01-3684302	3.0		Overall length: 7"
5120-00-4329143	6.5		Overall length: 7 1/2"
5120-00-2932501	2.0		Overall length: 6" (2-1/4" H, 1-1/32" W)
5120-00-4329142	1.5		Overall Length 5" Width 2-1/2"
5120-00-4973347	1.25		Overall Length 3-15/16", Width 1-5/8"
5120-00-2932502	1.5		Overall Length 4", Width 1", Height 2"
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>		<b>Date</b>
Issue 3			15/10/14

Tool Specification And Validation Data Sheet

<b>Specification No :</b>		METS/10/12/025	
<b>Short Item Name:</b>		G29 Hand Riveter	
<b>NSN &amp; DMC:</b>		5120-00-1929966	HTC10
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
<p>Hand riveter for installing nut-plate &amp; SPR rivets. Item comes with a 728A9-3 nosetip to install 3/32" rivets and a 728A9-104 nose tip, stored in the handle, for installing 1/8" rivets.</p>			
<b>Photo:</b>			
<b>Rivet sizes (Ins)</b>	<b>Nom length (mm)</b>	<b>Part No</b>	<b>Comment</b>
3/32 & 1/8	244.9		
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1	[REDACTED]	24/5/12	


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS 11/4/002</b>	<b>DMC HTC11</b>
<b>Short Item Name:</b>	<b>Knife – Cutting and Trimming and associated Blades</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<b>Knife</b>		
Retractable Knife with a 180 mm long cast zinc body with blade clamp facility. No tools are required to change the blade and the knife has the capacity to store up to 8 spare blades.		
<b>Blades:</b>		
Straight double-ended heavy duty blade for knife. Blade hardness 700/820 HV30 and supplied in plastic safety dispenser containing 10 blades.		
A hooked double-ended heavy duty blade to suit knife. Blade hardness 700/820 HV30 and supplied in plastic safety dispenser containing 10 blades.		
A round nose single cutting edge blade to suit knife. Blade dimension 69mm long x 26mm wide x 17mm high and supplied in plastic safety dispenser containing 10 blades.		
A round nose single cutting edge blade to suit knife. Blade dimension 69mm long x 26mm wide x 17mm high and supplied in 10 packs of 10 blades. Contained within a plastic safety dispenser.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Pattern No</b>	<b>Remarks</b>
5110-99-2574004		
5110-99-1375709		Spare heavy duty blades
5110-99-1356533		Spare hooked blades
5110-99-6635761		Spare Round nose blades
5110-99-8367567		Spare Round nose blades
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 5	[REDACTED]	10/11/14



Tool Specification And Validation Data Sheet

199

<b>Specification No &amp; DMC:</b>		<b>METS/11/5/002</b>	<b>DMC HTC11</b>	
<b>Short Item Name:</b>		<b>Knife – Handle, Blade, Surgical</b>		
<b>NSN:</b>		<b>6740-99-4660550</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>				
<b>Brief description:</b>				
Surgical knife handle (scalpel) Bard Parket type made from corrosion resistant steel, for use with detachable surgical blades.				
<b>Photo:</b>				
<b>NSN</b>	<b>Type No</b>	<b>Overall Length (ins)</b>	<b>Part No</b>	<b>Remarks</b>
6740-99-4660550	4	4.75		For use with size 24 detachable blades
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2				1/8/12

Tool Specification And Validation Data Sheet

200

<b>Specification No &amp; DMC:</b>	<b>METS/13/2/008</b>	<b>DMC HTC13</b>
<b>Short Item Name:</b>	Chisel, Flat, Cold	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	BS3066 (1995).	
<b>Material/Finish:</b>	Forged chrome alloy steel (Cr-V)	

**Brief description:**

Chisel, Flat, Cold used to cut bars and rods to reduce surfaces and to cut sheet metal which is too thick or difficult to cut with tin snips. The cutting surfaces are best ground to a 60° angle. Note that the cutting edge is slightly curved to stop the corners digging into the work piece. Made from Forged chrome alloy steel (Cr-V) steel. See Image below for detail on cut end.

Conforms to BS3066 (1995).

**Photo:**




NSN	Cut Width (mm)	Length (mm)	Part No	Comment
5110-99-9104208	25	200		Steel
✓ 5110-99-9104203	13	150		Steel. Dome head
✗ 5110-99-9104201	6	100		Steel
5110-99-9104205	16	175		Steel
5110-99-9104206	19	200		Steel. Dome head
✗ 5110-99-9104202	10	100		Steel
5110-99-9104207	22	225		Steel. Dome head
5110-99-9104174	32	450		Carbon steel
5110-99-1203681	19	177.8		Beryllium Copper
5110-99-1203682	22	177.8		Beryllium Copper

**Note/Issue Remarks:**

Status	Authority	Date
Issue 2	[REDACTED]	9/10/12


239

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/13/3/002</b>	<b>DMC HTC13</b>
<b>Short Item Name:</b>	<b>Knife - Putty</b>	
<b>NSN:</b>	<b>5120-99-9105408</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Putty knife with stainless steel blade for long life and soft grip handle for greater comfort. The knife features a 'clipt point' blade, shaped with one side curved and a straight edged side cut at an oblique angle.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Blade Width (mm)</b>	<b>Blade Length (mm)</b>
5120-99-9105408	40	127.0
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	15/07/2011

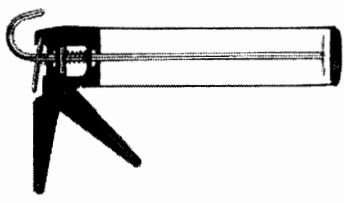
238

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/13/3/004		DMC HTC13	
<b>Short Item Name:</b>		Knife – Spatula			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
Solid bolster spatula knife with bright metal blade and un-ferruled wooden handle					
<b>Photo:</b>					
					
NSN	Blade Dimensions (ins)		Part No	Comment	
	Length	Width			
X 5120-99-9105405	6	1-1/16			
5120-99-9105406	8	1-1/4			
5120-99-9105407	12	1-3/4			
<b>Note/Issue Remarks:</b>					
Status	Authority		Date		
Issue 2	[REDACTED]		9/10/12		

201

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/13/5/001</b>	<b>DMC HTC13</b>	
<b>Short Item Name:</b>		<b>Sealant Gun – Heavy Duty Steel Frame</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>		High quality steel		
<b>Brief description:</b>				
Lever operated; Single spring piston feed mechanism, Quick release metal lever, Case hardened clutch plate. A metal skeleton frame made from high quality steel.				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Cartridge Type</b>	<b>Cartridge size</b>	<b>Part No</b>	<b>Comment</b>
5120-99-9564931	C20 & C30	350 mm		
4940-99-2250433	C20	310 mm		
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2		[REDACTED]		18/11/14

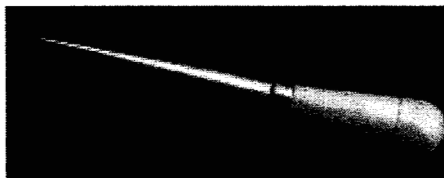
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/13/06/015</b>	<b>DMC: HTC13</b>
<b>Short Item Name:</b>	Pricker - Sailmakers	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Steel blade with plastic or wooden handle	

**Brief description:**

Sail maker's picker with a bright finished and polished steel blade and a plastic or wooden handle.

**Photo:**



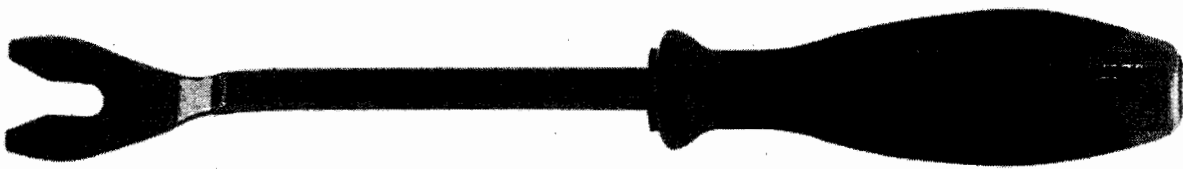
NSN	Blade length (ins)	Nom length (ins)	Part No	Comments
5120-99-9105543	3	5.5		
5120-99-9105544	6	9.5		
5120-99-9105546	8	12		
5120-99-9105547	10	16		

**Note/Issue Remarks:**

Status	Authority	Date
Issue 2	[REDACTED]	13/11/13

202

Tool Specification And Validation Data Sheet

<b>Specification No:</b>	<b>METS/13/06/016</b>	
<b>Short Item Name:</b>	Pry Bar - Panel removal tool	
<b>NSN &amp; DMC:</b>	5120 99 8132570	<b>HTC13</b>
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Polyurethane/polyamide two part handle. Powder coated alloy steel blade	
<b>Brief description:</b>	<p>Screwdriver type lever bar used to remove panels. Powder coated blade to improve slide effect between panels. Overall length 260 mm. Polyurethane/polyamide two part handle. Overall jaw width 28 mm with 2 flat blade "spade" type ends. Internal jaw opening 15 mm max narrowing to 7 mm</p>	
<b>Photo:</b>		
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[Redacted]	02/01/13

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/13/06/017			
<b>Short Item Name:</b>		Pricker Ice			
<b>NSN &amp; DMC:</b>		5120-99-138-9293	HTC13		
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>		Steel blade with plastic handle			
<b>Brief description:</b>					
Ice pricker with a 5 inch long 5/16 inch diameter steel blade which tapers to a point and a 4 inch by 1-1/4 inch diameter plastic handle.					
<b>Photo:</b>					
					
<b>Blade length</b>	<b>Blade Dia.</b>	<b>Handle length</b>	<b>Handle Dia.</b>	<b>Part No</b>	<b>Comment</b>
5 Ins	5/16 Ins	4 Ins	1.25 Ins	AW-95-LL	
<b>Note/Issue Remarks:</b>					
1. Current Supplier Apex tool group under the part No. listed.					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 1		[REDACTED]		02/01/13	




204

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/13/15/024</b>	<b>DMC HTC13</b>		
<b>Short Item Name:</b>	Frame hand Hacksaw 300mm			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>	Steel metal frame, complete with HSS blade.			
<b>Brief description:</b>				
Hacksaw metal cutting with closed grip handle and a non adjustable steel metal frame, complete with HSS blade.				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Length</b>	<b>TPI</b>	<b>Part No</b>	<b>Comment</b>
5110-99-7912587	300 mm Blade			
Blade for the above hacksaw				
5110-99-5490181	300mm	18		
5110-99-5490182	300mm	24		
5110-99-5490183	300mm	32		
<b>Note/Issue Remarks:</b>				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 2	[REDACTED]		29/10/12	

205

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/13/15/027	DMC HTC13
<b>Short Item Name:</b>	Saw - Hack	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
Hacksaw metal cutting with pistol type grip handle and a steel metal frame, length 250mm, complete with bi metal blade.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Length</b>	<b>Part No:</b>
5110-99-2977536	250mm	
Blade for the above hacksaw		
<b>NSN</b>	<b>Length</b>	<b>TPI</b>
5110-99-9105748	152mm	
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1	[REDACTED]	15/07/2011

206

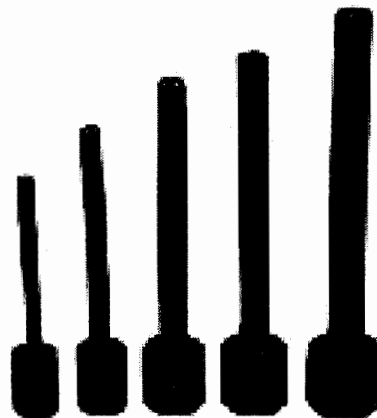
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/14/1/003</b>	<b>DMC HTC3</b>
<b>Short Item Name:</b>	<b>Stud Remover Straight Flute</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**

High Strength Carbon steel, Stud Remover, Straight Flute, extractor screw. Ridged edge type with parallel fluted bolster/shank to allow a wrench to be attached for stud removal. Size number stamped on each head section.

**Photo:**



<b>NSN</b>	<b>Screw Extraction Size (in)</b>	<b>Size Number</b>	<b>Part Number</b>	<b>Remarks</b>
5120-99-3579186				Straight Fluted Extractor Set
<b>Set Contains the following items</b>				
5120-99-4645808		1		Replacement item within Straight Fluted Extractor Set. Part of METS 14/1/014
5120-99-2979647		2		Replacement item within Straight Fluted Extractor Set. Part of METS 14/1/014
5120-99-0006787		3		Replacement item within Straight Fluted Extractor Set. Part of METS 14/1/014
5120-99-3014973		4		Replacement item within Straight Fluted Extractor Set. Part of METS 14/1/014
5120-99-6767114		5		Replacement item within Straight Fluted Extractor Set. Part of METS 14/1/014

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	18/03/14

207

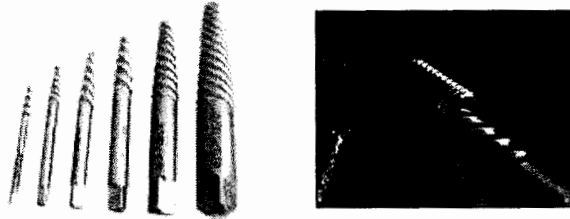
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/14/1/006</b>	<b>DMC HTC3</b>
<b>Short Item Name:</b>	<b>Extractor, Screw, Stud Remover, Spiral Flute</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**

High Carbon Steel, Stud Remover with spiral flute, tapered design, AF square drive end and plug style, and 5 flutes with left hand spiral twist.

**Photo:**



X  
+  
A  
B

NSN	Pattern No	Stud Capacity Size (in)	Eezi Out Number	Nominal Overall Length (in)	Remarks
5120-99-4347196		1/8 - 3/16	1	1.938	1-3/16" shank length, 3/4" x 3/64" tip diameter, 1/8" AF square drive end.
5120-99-4347197		1/4	2		1-1/4" shank length, 7/8" x 1/16" tip diameter, 5/32" AF square drive end.
5120-99-4347198		5/16 - 3/8	3		5/32" AF square drive end.
5120-99-4347199		7/16	4		1-3/4" shank length, 7/8" x 5/32" tip diameter, 1/4" AF square drive end.
5120-99-4347200		1/2 - 9/16	5		
5120-99-4347201		5/8 - 3/4	6		
5120-99-4347202		7/8 - 1	7		7/8 - 1 CAP.
5120-99-4347203		1-3/8	8		1-3/8 CAP.
5120-99-4347204		1-3/4	9		1-3/4 CAP.

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	11/02/14

2008

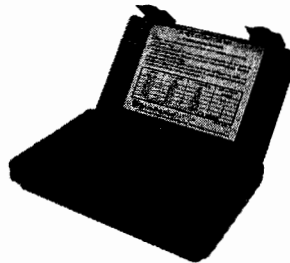
Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/14/1/014</b>	<b>DMC HTC3</b>
<b>Short Item Name:</b>	<b>Straight Fluted Extractor Set</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**

For the removal of broken studs from size 6 mm to 12 mm diameter. The broken stud is drilled out utilising the drills and drill guides enclosed in the set and an extractor is used to remove the remains.

**Photo:**





NSN	Part No	Description	Remarks
5120-99-6691690		Straight Fluted Extractor Set	
Consists of the following items:			
No NSN		Case	
No NSN		Guide 1 (5mm)	
No NSN		Guide 2 (6mm)	
No NSN		Guide 3 (7mm)	
No NSN		Guide 4 (8mm)	
No NSN		Guide 5 (8mm)	
No NSN		Guide 6 (9mm)	
No NSN		Guide 7 (10mm)	
No NSN		Guide 8 (11mm)	
No NSN		Guide 9 (12mm)	
No NSN		Guide 10 (14mm)	
5120-00-4645808		Extractor & Nut Number 1	See METS/14/1/003
5120-99-2979647		Extractor & Nut Number 2	See METS/14/1/003
5120-99-0006787		Extractor & Nut Number 3	See METS/14/1/003
5120-99-3014973		Extractor & Nut Number 4	See METS/14/1/003
5120-99-6767114		Extractor & Nut Number 5	See METS/14/1/003
5133-99-9108591		Drill Number 1 (4mm)	See METS/2/1/001
5133-12-1262340		Drill Number 2 (5mm)	See METS/2/1/001
5133-12-1228047		Drill Number 3 (6mm)	See METS/2/1/001
5133-99-9108628		Drill Number 4 (7.5mm)	See METS/2/1/001
5133-12-1228048		Drill Number 5 (8.5mm)	See METS/2/1/001

**Note/Issue Remarks:**



Status	Authority	Date
Issue 1	[Redacted]	18/03/14

209


Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/15/008</b>		<b>DMC HTC14</b>	
<b>Short Item Name:</b>		<b>File, Hand, Engineers, Cut 00 (Bastard)</b>			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>					
<b>Brief description:</b>					
Heat Treated, Alloy Steel, Hand flat type file, Bastard Grade, with double cut faces, cut 00 grade, and 1 x edge single cut, 1 x safe edge.					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Pattern No</b>	<b>Heel to Point Length (in)</b>	<b>Width (in)</b>	<b>Part Number</b>	<b>Remarks</b>
5110-99-9104876	1A907	4	5/8		Single cut both edges
5110-99-9104877	1A908	6	5/8		
5110-99-9104878	1A909	8	13/16		
5110-99-9104879	1A910	10	1		
5110-99-9104880	1A911	12	1-3/16		
<b>Note/Issue Remarks:</b>					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 3				18/02/2014	

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/15/009</b>	<b>DMC HTC14</b>	
<b>Short Item Name:</b>		<b>File, Hand, Engineers Swiss Pattern Cut Number 2</b>		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>		Heat Treated, High Grade Carbon Steel		
<b>Brief description:</b>				
Heat Treated, Alloy Steel, Hand flat type file, Swiss Pattern, with double cut faces, cut number 2, and 1 x edge single cut, 1 x edge safe.				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Pattern No</b>	<b>Heel to Point Length (in)</b>	<b>Width (in)</b>	<b>Remarks</b>
5110-99-9104892		4	15/32	
5110-99-9104893		6	5/8	
5110-99-9104894		8	13/16	
5110-99-9104895		10	1	
5110-99-9104896		12	1-3/16	
<b>Note/Issue Remarks:</b>				
<b>Status</b>		<b>Authority</b>		<b>Date</b>
Issue 2				29/01/2014

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/15/015</b>	<b>DMC HTC14</b>	
<b>Short Item Name:</b>		File, Hand, Engineers, Half Round American Pattern		
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>		BS498		
<b>Material/Finish:</b>		Heat treated, High grade carbon steel		
<b>Brief description:</b>				
Heat Treated, High Carbon Steel half round hand file to BS498. With double cut flat sides, American pattern smooth grade. Blade width and thickness tapers slightly towards the point with blunt end. .				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Heel to Point Length (ins)</b>	<b>Width (ins)</b>	<b>Part Number</b>	<b>Remarks</b>
5110-99-9104868	4	7/16		
5110-99-9104869	6	5/8		
5110-99-9104870	8	25/32		
5110-99-9104871	10	31/32		
5110-99-9104872	12	1-5/32		
<b>Note/Issue Remarks:</b>				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 3			27/04/2015	



Tool Specification And Validation Data Sheet

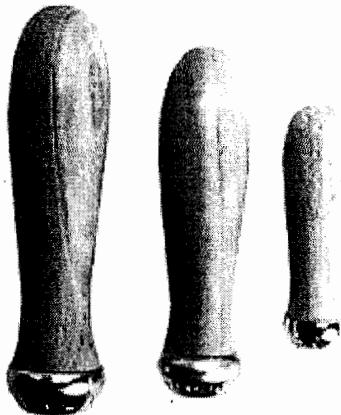
212

<b>Specification No &amp; DMC:</b>	<b>METS/15/040</b>	<b>DMC HTC14</b>
<b>Short Item Name:</b>	<b>Handle, File, Safety Type.</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**

Hardwood File Handle with nickel-plated metal ferrule and steel spring pressed into the centre, to ensure the proper file alignment and positive and safe hold of a tanged file. Handles come in various sizes, graded by number, depending on file size range

**Photo:**



Python File Handle Size Number	File Size
0	Files up 6"
1	Files up 8"
2	Files up 10"
3	Files up 12"

5  
4  
3  
2

NSN	Pattern No	Overall Nominal Length (mm)	Overall Nominal Diameter (mm)	Handle Number	Remarks
5110-99-1223638		82.6	25.4	0	
5110-99-1223639		108	28.6	1	
5110-99-1223640		127	33.3	2	
5140-99-1223641		139.7	38.1	3	

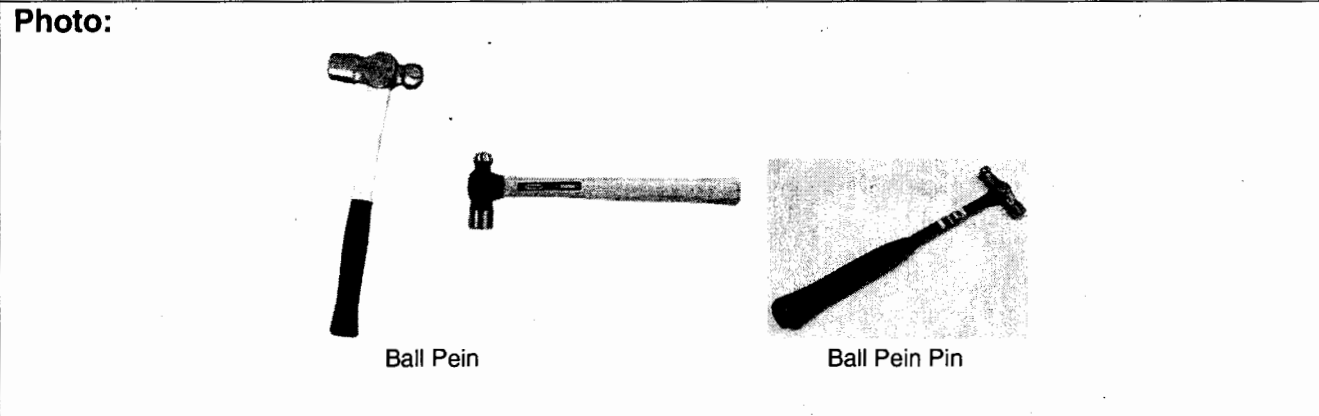
**Note/Issue Remarks:**

<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/16/1/010A</b>	<b>DMC HTC13</b>
<b>Short Item Name:</b>	Hammer, Ball pein	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	BS 876 & BS 3823	
<b>Material/Finish:</b>	Steel head. The shaft is to be manufactured from Fibre Glass or Ash or Hickory (Grade AR or better)	

**Brief description:**  
 A ball pein hammer. It is double ended with ball and pein shaped ends. It has a hardened and tempered, corrosion resistant, steel head to BS 876. The shaft is to be manufactured from Fibre Glass or Ash or Hickory Handle which must comply with BS 3823.



NSN	Weight (lb)	Handle material	Face Dia (mm)	Overall length (mm)	Head Length (mm)	Part No	Comment
X 5120-99-9104647	0.25 (115 g)	Hickory		275	65		
X 5120-99-5881519	0.25 (115 g)	Fibre Glass	16	330	85		Ball Pein Pin
X 5120-99-9959625	0.5 (225g)	Hickory	24	83	300		
X 5120-99-5531289	1 (455g)	Fibre Glass	30	350	102		
X 5120-99-9104650	1 (455g)	Hickory					
X 5120-99-2557815	1.5 (680g)	Fibre Glass		375	114		
5120-99-1203933	1.5 (680g)	Hickory					
5120-99-2557816	2 (910g)	Fibre Glass		400	124		
5120-99-9169606	3 (1360gm)	Fibre Glass	45	435	140		

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 8	[REDACTED]	19/09/14

214

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/16/1/029</b>	<b>DMC HTC13</b>
<b>Short Item Name:</b>	Hammer, Hand Nylon Screw-in insert	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Chrome plated zinc heads with plastic handles and nylon/plastic faces.	

**Brief description:**


Three different sized Nylon hammers with chrome plated zinc heads with plastic handles and screw in nylon/plastic faces.  
 This is a multi-purpose striking tool with easily interchangeable alternative nylon/plastic faces which are colour coded to distinguish hardness and are replaceable by hand.

**Photo:**




NSN	Head Weight (gms)	Face Material & Diameter mm(ins)	Handle Material & overall length mm(Ins)	Shore Hardness	Face Type	Part No.	Comment
5120-99-1207307	454	Nylon 32 (1-1/4")	Plastic 280 (11")	D45-55	N/A		<b>Hammer - Comes complete with face 76-710NF</b>
5120-99-1207308	N/A	Nylon 32 (1-1/4")	N/A	D61-65	Hard white		Face
5120-99-2089473	N/A	Plastic 32 (1-1/4")	N/A	D63-73	Soft grey		Face
5120-99-1207169	675	Nylon 38 (1-1/2")	Plastic 305 (12")	D45-55	N/A		<b>Hammer - Comes complete with face 76-712NF</b>
5120-99-1207170	N/A	Nylon 38 (1-1/2")	N/A	D61-65	Hard white		Face
5120-99-2089470	N/A	Plastic 38 (1-1/2")	N/A	D63-73	Soft grey		Face
5120-99-1207423	1250	Nylon 50 (2")	Plastic 305 (12")	D45-55	N/A		<b>Hammer - Comes complete with face 76-716NF</b>
5120-99-1207424	N/A	Nylon 38 (1-1/2")	N/A	D61-65	Hard white		Face
5120-99-7259863	N/A	Plastic 38 (1-1/2")	N/A	D63-73	Soft grey		Face

Tool Specification And Validation Data Sheet

<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 1		2/7/13

Tool Specification And Validation Data Sheet

25

<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

216

<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>		

**Brief description:**

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.

**Photo:**



NSN	Pin Diameter		Overall Length	
	Imperial	Metric	Imperial	Metric
X 5120-99-9105551	1/16	1.6	4	101.6
X 5120-99-9105577	3/32	2.4	4	101.6
X 5120-99-9105578	1/8	3.2	4	101.6
5120-99-7107346	5/32	3.9	4	101.6
X 5120-99-9105579	3/16	4.8	4-1/4	108
X 5120-99-9105580	1/4	6.4	5	127
X 5120-99-9105581	5/16	7.9	6	152.4
X 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
X 5120-99-7684191	n/a	6.0	n/a	125
X 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

**Note/Issue Remarks:**

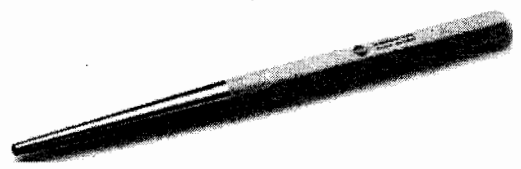
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	2/1/13

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/18/1/003	<b>DMC: HTC16</b>
<b>Short Item Name:</b>	Drive Punch – Taper	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**  
 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

**Photo:**




NSN	Pin Diameter		Overall Length	
	Imperial	Metric	Imperial	Metric
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
No NSN	5/8"	20.6	6	152.4
5120-99-9104437 *	3/4"	19.0	6	152.4

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3	[REDACTED]	15/01/15



Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/18/1/006	DMC HTC16			
<b>Short Item Name:</b>	Roll Pin – Punch				
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>					
<b>Material/Finish:</b>	Carbon steel, Zinc Finish				
<b>Brief description:</b>					
Stepped roll pin punch, high quality hardened & tempered carbon steel with a Octagonal shaped body. Hardened to 53-58 HRc. Used in the removal of roll pins.					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Stem Ø mm</b>	<b>Stem Length mm</b>	<b>Hexagonal Shank mm</b>	<b>OAL mm</b>	<b>Part No</b>
5120-99-5497042	1.9	30.0	8.0	150.0	
5120-99-4771989	2.9	40.0	8.0	150.0	
5120-99-9304088	3.9	50.0	10.0	150.0	
5120-99-4569785	4.9	50.0	10.0	150.0	
5120-99-7706424	5.9	50.0	10.0	150.0	
5120-99-2998470	7.9	50.0	12.0	150.0	
<b>Note/Issue Remarks:</b>					
<b>Status</b>	<b>Authority</b>			<b>Date</b>	
Issue 2	[REDACTED]			18/09/14	




219

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>	<b>Part Number</b>	<b>Comments</b>
5120-99-9105548	3/8" (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 3			17/02/2015	

Tool Specification And Validation Data Sheet

220

<b>Specification No &amp; DMC:</b>	<b>METS/18/1/011</b>	<b>DMC HTC16</b>
<b>Short Item Name:</b>	<b>Centre Punch – Automatic</b>	
<b>NSN:</b>	<b>5120-99-9242327</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>Automatic centre punch, with a knurled body and a precision ground high carbon hardened &amp; tempered steel centre point, pressure on centre point is by the adjustable knurled cap on end of punch. Adjustment range 6lbs – 40lbs                  Used for marking metal prior to drilling, functions when pressure by hand is applied to the knurled head.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Body Diameter</b>	<b>Overall Length</b>
5120-99-9242327	1/2" (12.7mm)	4" (101.6mm)
<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/18/1/014	<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		[REDACTED]		21/01/14

222

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/19/006	<b>DMC:</b> HTC17
<b>Short Item Name:</b>	Rule, Steel, Machinists, Engineers	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>	BS 4372	
<b>Material/Finish:</b>	Corrosion resistant steel rule, chromium treated surface	

**Brief description:**

Engineers steel rule with either both ends square, or one end square and the other half-round with hanging hole.

**Photo:**






NSN	Measuring Range (ins (mm))	Rule Width (mm)	Part No.	Remarks
X 5210-99-1276230	12 (300)	25		One end Square, other end half-round with hanging hole. Graduated both sides: 1/16", 1/32", 1/64", 1/10", 1/20", 1/50", 1/100" plus 1/2mm, & 1mm.
L 5210-99-1300282	6 (150)	19		One end Square, other end half-round with hanging hole. 0.76mm thick. Graduated both sides: 1/16", 1/32", 1/64", 1/10", 1/20", 1/50", 1/100" plus 1/2mm, & 1mm.
X 5210-99-1300283	24 (600)	1 (25)		One end Square. 0.050" thick. Graduated both sides: 1/16", 1/32", 1/64", 1/100" for 1 inch, 1/50" for 1 inch, 1/20" for 3 inch, 1/10" for remaining length on edge 1. 1/64" for 1 inch, 1/32" for 3 inch, 1/16" for remaining length on edge 2.
5210-99-4654116	36 (1000)	28		Both ends Square. 0.050" thick. Graduated one edge, 1/64", 1/32", 1/16", 2 <sup>nd</sup> edge, 0.5mm, 1mm, 1cm.
5210-99-9105728	48 (1219)	1-1/2 (38)		Both ends Square. Graduated: 1/8", 1/16, Quick reading 1/32", 1/64",

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3	[Redacted]	22/09/14

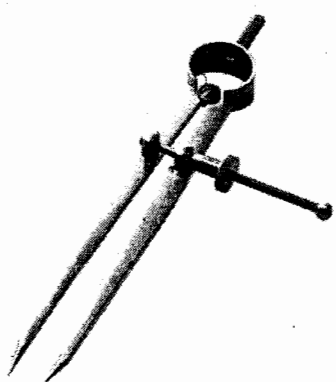
Tool Specification And Validation Data Sheet

<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>		High strength tempered tool steel	
<b>Brief description:</b> Machinists Scriber made from high strength tempered tool steel.			
<b>Photo:</b> See below.			
NSN	Overall Length (ins)	Part No.	Comment
5120-99-9105889	4 (101.6mm)		Chisel knife edge and point Machinists Scriber with all bright finish. 
5120-99-9105890	10 (254mm)		Chisel knife edge and point Machinists Scriber with all bright finish. 
5120-99-9105891	7 (177.8mm)		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 4	[REDACTED]		20/05/2015

4

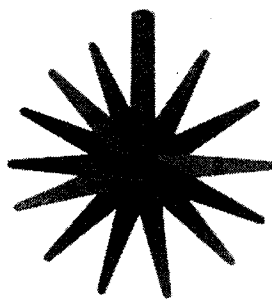
224

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/19/029</b>	<b>DMC HTC17</b>
<b>Short Item Name:</b>		<b>Dividers, Engineers</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>		Polished tool steel	
<b>Brief description:</b>			
<p>High quality polished steel Engineers Dividers with two pointed legs, flexible bow spring joint, finger and thumb hold spigot and centrally located fine adjustment screw. Legs are constructed from flat stock steel, and carefully balanced with heat-treated points.</p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Leg Length (mm)</b>	<b>Part No.</b>	<b>Comment</b>
5210-99-9104473	76.2		With Quick action release nut.
5210-99-9104476	152.45		With Quick action release nut.
5210-99-1225096	254		With solid nut adjustment and rectangular legs.
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>		<b>Date</b>
Issue 2	[REDACTED]		18/05/2015

225

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	
<b>Brief description:</b>			
<p>Complies with DIN 2275          All blades are hardened, tempered and polished          Nominal thickness marked on each blade</p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Short Description</b>	<b>Blade Details</b>	<b>Part No</b>
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	
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>		<b>Date</b>
Issue 2	[REDACTED]		5/6/13

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/19/043</b>	<b>DMC: HTC17</b>
<b>Short Item Name:</b>	<b>Magnetic Pick Up Tool</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Chrome plated tubular steel with Moulded plastic handle	

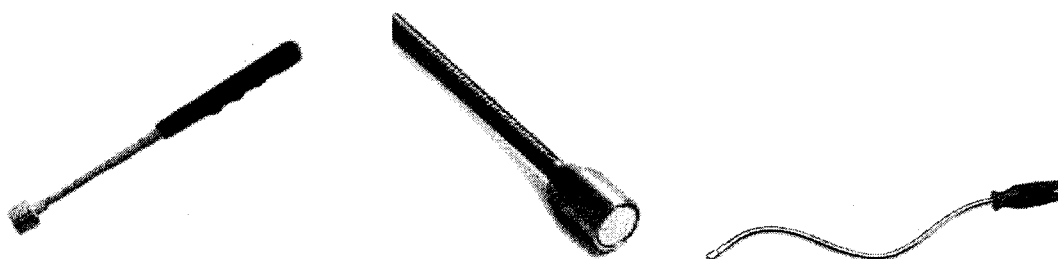
**Brief description:**

Telescopic and fixed length Magnetic Pick Up Tools plated shaft with round magnet retained on end of shaft. Moulded plastic handle

Telescopic Pick Up Tool with fully extendable 6 section shaft.

Fixed length Magnetic Pick Up Tool with chrome plated flexible shaft.

**Photo:**



5120-99-5986243

5120-99-9096447

NSN	Shaft Closed Overall Length (mm)	Shaft Fully opened Length (mm)	Handle Length (mm)	Part No	Comment
5120-99-5986243	100	470	88		Telescopic

NSN	Overall Length (mm)	Shaft Length (mm)	Handle Length (mm)	Part No	Comment
5120-99-9096447	540	420	110		Non Telescopic

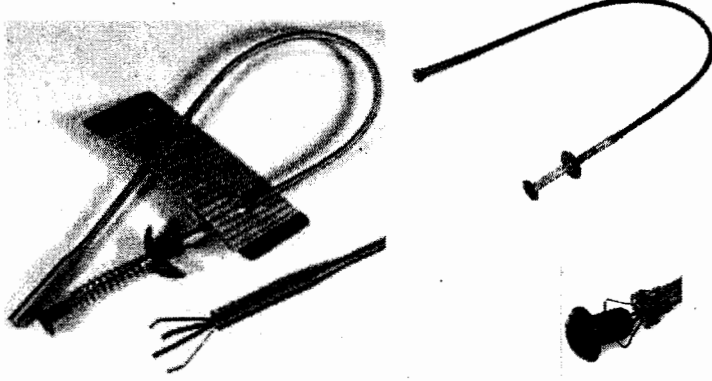
**Note/Issue Remarks:**

Status	Authority	Date
Issue 2	[REDACTED]	20/05/2015



227

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	METS/19/044	<b>DMC:</b> HTC17		
<b>Short Item Name:</b>	Flexible Mechanical Retriever			
<b>Proprietary Supplier Details:</b>				
<b>Standards:</b>				
<b>Material/Finish:</b>	Chrome plated steel			
<b>Brief description:</b>				
Fully flexible chrome plated shaft with claw action pick-up-end controlled from a spring loaded grip				
<b>Photo:</b>				
				
<b>NSN</b>	<b>Overall Length (mm)</b>	<b>Max Jaw Capacity (mm)</b>	<b>Part No</b>	<b>Comment</b>
5120-99-3371051	460	Max 29 mm		
5120-17-1026260	610	15 mm		
<b>Note/Issue Remarks:</b>				
The supplied tools must be FOD free for use in the aircraft environment.				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 1	[REDACTED]		25/01/13	

Tool Specification And Validation Data Sheet

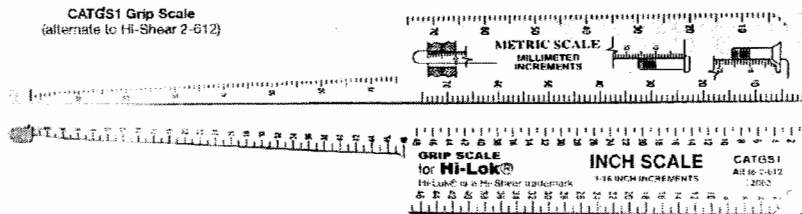
<b>Specification No &amp; DMC:</b>	<b>METS/19/057</b>	<b>DMC HTC17</b>
<b>Short Item Name:</b>	<b>GRIPGAUGE - Hi Lock</b>	
<b>NSN:</b>	<b>5210-01-0590848</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Full-hard stainless steel; Markings are electro-etched	

**Brief description:**

Grip scale manufactured from full-hard stainless steel with the markings electro-etched for durability. The scale is satin finished .018 stainless steel with 1/16 inch graduations (red side) and millimetres graduations (black side).

The thick side of the tool is used for measuring the grip length of HI-Lok and Hi-Lite pins, shear lock bolts, structural screws and bolts. The thinner side of the tool is used to measure the thickness of materials to be fastened so that the proper length pin may be chosen.

**Photo:**



Red side graduations	Black side graduations	Overall length (mm)	Width (mm)	Part No	Comment
1/16"	mm	160	20		

**Note/Issue Remarks:**

Status	Authority	Date
Issue 2	[REDACTED]	22/09/14

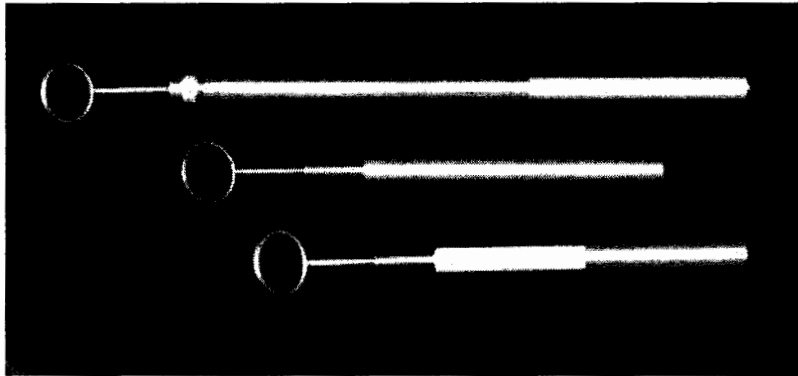
Tool Specification And Validation Data Sheet

<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>	Gowlland Optical Ltd	
<b>Standards:</b>		
<b>Finish/Material:</b>		

**Brief description:**

Inspection mirror

**Photo:**



NSN	Mirror Diameter (mm)	Mirror Type	Overall Length (mm)	Part No
5120-99-1357783	24	Magnifying	255	
5120-99-4660037	22	Plain	165	
5120-99-9231987	26	Plain	255	

Plain Replacement Head

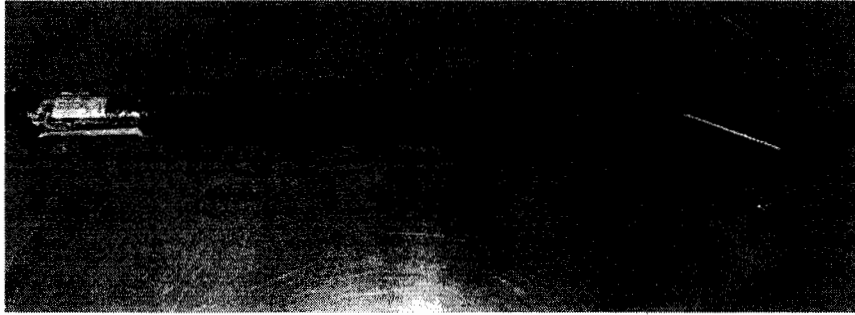
5120-99-1300118	22	Plain head	48	
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**Note/Issue Remarks:**

Status	Authority	Date
Issue 2	[Redacted]	05/07/12


Tool Specification And Validation Data Sheet

230

<b>Specification No:</b>		<b>METS/20/01/002</b>	
<b>Short Item Name:</b>		<b>Telescopic Mirror</b>	
<b>NSN &amp; DMC:</b>	<input checked="" type="checkbox"/>	<b>5120-99-1516557</b>	<b>HTC17</b>
<b>Proprietary Supplier Details:</b>		BCB International Ltd	
<b>Standards:</b>			
<b>Finish/Material:</b>			
<b>Brief description:</b>			
<p>Lightweight multi-section telescopic handles fitted with high quality replaceable stainless steel mirrors. Mirrors are made of glass fitted into nickel plated brass frames.</p> <p>Mirror attachments that can also fitted to this item are detailed in specification METS/20/1/004.</p>			
<b>Photo:</b>			
			
Overall Mirror Diameter (ins)	Folded Length (mm)	Extended Length (mm)	Part No
2-1/2	415	1625	
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2	[REDACTED]	05/07/12	

231

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>		
<b>Standards:</b>		
<b>Finish/Material:</b>		
<b>Brief description:</b> - 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.		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Description</b>	<b>Part No</b>
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	
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3		19/09/13

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	

**Brief description:**

Magnifying glasses in a range of styles and magnifications as listed below.

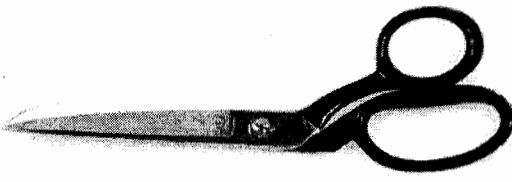
NSN	Description	Magnification	Part No	Photo	Comment
6650-99-1203960	Eyeglass	2.8x			Watchmaker's monocular type single eyeglass with a glass lens and black plastic body; 3-1/2 in. Focal length and 2.8x magnification
6650-99-4347336	Eyeglass	10x			Watchmaker's Monocular type eyeglass with 10x magnification 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:**

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

Tool Specification And Validation Data Sheet

233

<b>Specification No &amp; DMC:</b>		<b>METS/21/01/002</b>	<b>DMC: HTC11</b>
<b>Short Item Name:</b>		Sidebent Trimmer	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>		Hot Forged High Carbon Tool Steel Blades. Bright Steel Finish	
<p><b>Brief description:</b>                  Sidebent Trimmer providing superb cutting power with less wear. These scissors have straight shanks and unequal bows. One blade is pointed and has a thumb ring, the other is bevelled. Trimmers must be ergonomic with comfortable offset black japanned handles. Trimmers must be well balanced to help reduce fatigue.</p> <p>Adjustable pivot screw and locking nut.</p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Overall Length (Ins)</b>	<b>Part No</b>	<b>REMARKS</b>
5110-99-9424741	8		
5110-99-1275132	9		
5110-99-9105925	10.0		
<b>Left Handed</b>			
5110-99-7506875	8		
5110-99-2367814	10		
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>		<b>Date Issued</b>
Issue 3	[REDACTED]		03/03/2015

234

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>		

**Brief description:**

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.

**Photo:**



4930-99-5416079



4930-99-1276149

NSN	Capacity	Pressure (psi)	Part No
4930-99-1276149	12oz / 340g	8000	

Spares for Grease Gun 4930-99-1276149 above.

NSN	Description	Comments	Part No
4930-99-2342422	Delivery tube	Also fits Grease Gun 4930-99-5416079 below.	

NSN	Capacity	Pressure (bar)	Part No
4930-99-5416079	120cc	600	

Spares for Grease Gun 4930-99-5416079 above.


NSN	Description	Comments	Part No
4930-99-4957513	Bleed valve assembly	35594	

**Note/Issue Remarks:**

Status	Authority	Date
Issue 2	[REDACTED]	3/10/12




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

236

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		METS/26/01/023		<b>DMC HTC18</b>		
<b>Short Item Name:</b>		Funnel				
<b>Proprietary Supplier Details:</b>						
<b>Standards:</b>						
<b>Material/Finish:</b>						
<b>Brief description:</b>						
Funnel, either high-density or medium density polyethylene plastic or tin-plated. Round or rectangular with standard design fluid chamber and pouring spout, with or without a mesh strainer, which may or may not be removable						
<b>Photo:</b>						
<b>NSN</b>	<b>Spout Length (mm)</b>	<b>Bottom Stem Diam (mm)</b>	<b>Overall Length (mm)</b>	<b>Top Diam (mm)</b>	<b>Shape</b>	<b>Remarks</b>
7240-99-1364882	86				Round	Tin Plate Strainer c/w 200 grade mesh strainer and Rigid Spout. AVPIN Dispensing only. Acid and Oil resistant. Capacity 1 Pint.
7240-99-1393494			210	152	Round	Draining Funnel. White, High-density polyethylene plastic funnel without strainer. Acid and Oil resistant.
7240-99-1393495	84	21	225	216	Round	Draining Funnel. White, High-density polyethylene plastic funnel without strainer. Acid and Oil resistant.
7240-99-1393497	58	12	118	76	Round	Olive Drab, Draining Funnel. High-density polyethylene plastic funnel without strainer. Acid and Oil resistant. Current Supplier: E W Fuel Management Ltd, Royston. Item Code: 52-0918.
7240-99-1393498	77	14	158	102	Round	Olive Drab, High-density polyethylene plastic funnel, without strainer. Acid and Oil resistant. Capacity 1 Pint. First issued on SONAR 2093, Thales, Mine Hunting Sonar.
 7240-99-1393499			210	152	Round	Olive Drab, Draining Funnel. High-density polyethylene plastic funnel without strainer. General-purpose use only.

Tool Specification And Validation Data Sheet

7240-99-1399574	66.7	13.5	158	143	Round	Olive Drab, Draining Funnel. High-density polyethylene plastic funnel without strainer. Acid and Oil resistant.
7240-99-4623211						Funnel Charging Battery. Acid and Oil resistant.
Current Suppliers:						
<b>Status</b>		<b>Authority</b>			<b>Date</b>	
Issue 1					15/07/2011	

Tool Specification And Validation Data Sheet

237

<b>Specification No &amp; DMC:</b>	<b>METS/6/4/012</b>	<b>DMC HTC6</b>
<b>Short Item Name:</b>	<b>Screwdriver socket 3/8" Square Drive – Hex bit, AF</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**

3/8" Drive with Lock On Hole, adaptor complete with replaceable A/F male driver secured by roll pin.

**All sockets to have a hole for pin or ball retaining.**

**Photo:**



<b>NSN</b>	<b>Size (ins)</b>	<b>Nominal length (ins)</b>	<b>Part No</b>
No NSN	1/8	2 1/16	
No NSN	9/64	2 1/16	
No NSN	5/32	2 1/16	
No NSN	3/16	2 1/16	
5120-00-0613186	7/32	2 1/16	
5120-00-5968508	1/4	2 1/16	
5120-00-6838602	5/16	2 1/16	
5120-00-5961199	3/8	2 3/32	
Spare bits for the above socket drivers as follows:			
5120-99-7944196	5/16	1.75	
5120-99-7944197	3/8	1.75	

**Note/Issue Remarks:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2	[REDACTED]	07/03/2014

238

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/8/2/006</b>	<b>DMC HTC8</b>
<b>Short Item Name:</b>	<b>Torque Handle – Torqueleader TSN</b>	
<b>Proprietary Supplier Details:</b>	<b>Torqueleader</b>	
<b>Standards:</b>	<b>ISO 6789:2003</b>	
<b>Material/Finish:</b>		

**Brief description:**

The Torqueleader TSN series of adjustable and preset slipping wrenches slip free when the predetermined torque setting is reached, completely eliminating over tightening. Ratchet design ensures smooth, positive torque control. Designed and manufactured to exceed the requirements of ISO 6789:2003.

**Photo:**



<b>NSN</b>	<b>Drive size (ins)</b>	<b>Range (ISO)</b>	<b>Range (Imperial)</b>	<b>Length (mm)</b>	<b>Part No</b>
5120-99-7790848	1/4"	3 – 25 Nm	2 – 18 lbf.ft	216	
5120-99-7944361	3/8"	3 – 25 Nm	2 – 18 lbf.ft	216	
5120-99-2775479	3/8"	15 – 55 Nm	10 – 40 lbf.ft	324	
5120-99-7288976	1/2"	40 - 125 Nm	30 - 90 lbf.ft	460	
5120-99-7790848	1/4"	Preset to 11.2 lbf.ft ± 5%		216	

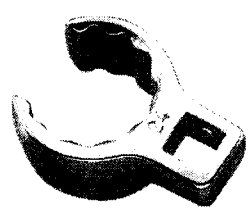
**Note/Issue Remarks:**

1.

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2		6/3/13


239

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/5/6/007</b>	<b>DMC HTC5</b>	
<b>Short Item Name:</b>	<b>Crowfoot socket 1/4" Drive – Flare Nut, Bi-Hex, Metric</b>		
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>	See Description		
<b>Material/Finish:</b>	Chrome alloy steel hardened, tempered and chrome plated		
<b>Brief description:</b>			
<p>Professional quality sockets and accessories, made from chrome alloy steel hardened, tempered and chrome plated for corrosion protection. Manufactured to DIN 3120/ISO 1174, DIN 3122/ISO 3315, DIN 3123/ISO 3316, DIN 3124/ISO 2725, DIN 3129/ISO 2725, ASME/ANSI B107, Federal Spec GGG-W-641, SAE AS954-E, as applicable.</p> <p><b>All sockets to have a hole for pin or ball retaining.</b></p>			
<b>Photo:</b>			
			
<b>NSN</b>	<b>Size (mm)</b>	<b>Nominal length (mm)</b>	<b>Comment</b>
5120-99-1302215	10	28	
5120-99-7944166	11	28	
5120-99-1302216	12	31	
5120-99-7944165	13	32	
5120-99-1302217	14	32	
<b>Note/Issue Remarks:</b>			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 2	[REDACTED]	18/12/2013	

240

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			15/07/2011	

Tool Specification And Validation Data Sheet

241

<b>Specification No &amp; DMC:</b>	<b>METS/24/03/14</b>	<b>DMC HTC20</b>
<b>Short Item Name:</b>	<b>Temperature Curing Oven – Fibre Optics</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**

Industry standard oven for the curing of epoxy used in fibre optic connector terminations. Temperature can be varied between 65° and 125° C regulated by the use of a rotary knob. Removable oven block that can accept up to 24 SC, ST, SMA or FC connectors. An additional removable oven block supplied separately which is compatible with Stratos connectors. Temperature gauge indicating between 50° and 150° C.

**Photo:**



NSN	Part No	Comment
4430-01-5816056		

**Accessories**

NSN	Description	Part No	Comment
6070-99-9334799	Removable oven block – Accepts 24 SC, ST, SMA or FC connectors		
6070-99-1795799	Removable oven block – compatible with Stratos connectors		
6685-99-3962763	Temperature gauge		

**Note/Issue Remarks:**


1.

Status	Authority	Date
Issue 1	[REDACTED]	02/03/2015




242

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS/9/10/003</b>	<b>DMC: F1H</b>
<b>Short Item Name:</b>	<b>TEST GAUGE</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		
<b>Brief description:</b>		
<p>This test kit is used to check the applied pressure of the Generation 1 D36 Crimping Tool. It is supplied within a case and consists of the items listed below.</p> <p>Additional items, supplied separately, are required to test the Generation 2 D36 Crimping Tool. These are listed as additional items.</p> <p><b>Note</b></p> <p>A previous standard of the test gauge was supplied with a damping fluid. The current standard of gauge does not require this.</p>		
<b>Photo:</b>		
		
<b>NSN</b>	<b>Manufacturer</b>	<b>Part No</b>
5220-99-6604516		
<b>Consists of the following items</b>		
No NSN		Hydraulic Gauge and Mounting block
4940-14-5639339		Fork (Generation 1)
4940-14-5639341		Force Transmitter (Generation 1)
<b>Additional items required for testing Generation 2 D36 Crimping Tool</b>		
4940-14-5639342		Fork (Generation 2)
4940-14-5639349		Force Transmitter (Generation 2)
Notes :		
<b>Note/Issue Remarks:</b>		
<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 2		10 Jul 13

**Tool Specification And Validation Data Sheet**

243

<b>Specification No &amp; DMC:</b>		<b>METS/6/4/007</b>	<b>DMC HTC6</b>
<b>Short Item Name:</b>		<b>Screwdriver socket 3/8" Square Drive - Hex bit, Metric</b>	
<b>Proprietary Supplier Details:</b>			
<b>Standards:</b>			
<b>Material/Finish:</b>			
<b>Brief description:</b>			
Chrome alloy steel chrome plated socket with phosphate finish bit.			
<b>Photo:</b>			
<b>NSN</b>	<b>Size (mm)</b>	<b>Nominal length (mm)</b>	<b>Part No</b>
No NSN	3.0	45.0	
No NSN	4.0	45.0	
5120-99-1365024	5.0	45.0	
5120-99-1365025	6.0	45.0	
No NSN	7.0	45.0	
5120-99-1365026	8.0	47.5	
5120-99-1365027	10.0	47.5	
<b>Note:</b>			
<b>Note/Issue Remarks:</b>			
1.			
<b>Status</b>	<b>Authority</b>	<b>Date</b>	
Issue 1		15/07/2011	

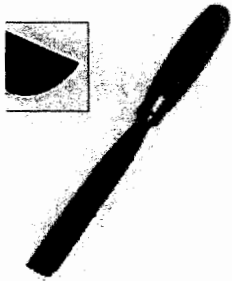
244

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 35-053).				
<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>				
<b>Status</b>	<b>Authority</b>		<b>Date</b>	
Issue 1	[REDACTED]		15/07/2011	

245

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>		<b>METS/13/2/007</b>		<b>DMC HTC13</b>	
<b>Short Item Name:</b>		Chisel, Gouge Woodcarving			
<b>Proprietary Supplier Details:</b>					
<b>Standards:</b>		BS1943 (1989) Table 3A and Def Stan 51-11 Pt 27			
<b>Material/Finish:</b>		Drop-forged hardened and tempered chrome steel alloy. With cellulose acetate or wood (ash or beech) handle.			
<b>Brief description:</b> Gouge Woodcarving straight blade chisel with a slightly curved blade manufactured from drop-forged chrome steel alloy hardened and tempered to ensure that the cutting edge remains sharper for longer. Oval shaped handle is made from either impact resistant cellulose or a suitable hardwood like ash or birch, and is designed for use with a mallet, or an occasional hammer blow.					
Conforms to BS1943 (1989) Table 3A and Def Stan 51-11 Pt 27.					
<b>Photo:</b>					
					
<b>NSN</b>	<b>Cut Width</b>	<b>Blade Length</b>	<b>Pattern Number</b>	<b>Part No</b>	<b>Comment</b>
5110-99-4347344	6.3mm	127mm			
<del>5110-99-4347346</del>	9.5mm	127mm			
<del>5110-99-4347348</del>	12.7mm	127mm			
<b>Note/Issue Remarks:</b>					
1.					
<b>Status</b>		<b>Authority</b>		<b>Date</b>	
Issue 2		[REDACTED]		9/10/12	

246

Tool Specification And Validation Data Sheet

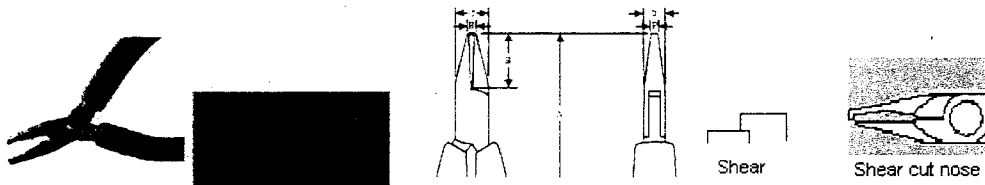
<b>Specification No:</b>	METS/7/6/010	<b>DMC: HTC7</b>
<b>Short Item Name:</b>	Nippers – End cutting, Distance, ESD Safe	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Alloy steel, plastic-sleeved handles	

**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:**

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 3		10/10/13

247

Tool Specification And Validation Data Sheet

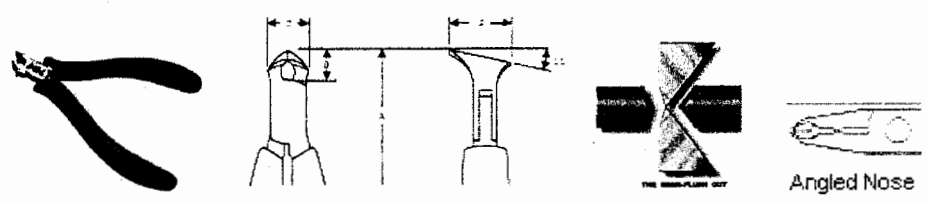
<b>Specification No:</b>	METS/7/6/014	<b>DMC:</b> HTC7
<b>Short Item Name:</b>	<b>Nippers – Oblique cutting, ESD</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>	Tungsten carbide blades & dual-component Sensoplus handles	

**Brief description:**

**Oblique cutting** nippers with Tungsten carbide blades and ergonomically designed dual-component Sensoplus handles which are fully ESD compliant. The handles have box-joints and Leaf springs (Not compression springs). The cutting edges are 10.0 mm long and induction hardened for longer life. Overall length is 120.0 mm (4.5").

- Cut type                                      Semi 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
5110-99-7629006	120	10	10	10	2.0 - 12		

**Note/Issue Remarks:**

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

248

Tool Specification And Validation Data Sheet

<b>Specification No &amp; DMC:</b>	<b>METS 11/4/002</b>	<b>DMC HTC11</b>
<b>Short Item Name:</b>	<b>Knife – Cutting and Trimming and associated Blades</b>	
<b>Proprietary Supplier Details:</b>		
<b>Standards:</b>		
<b>Material/Finish:</b>		

**Brief description:**  
**Knife**  
 Retractable [redacted] knife with a 5-inch long metal body with blade clamp facility that does not require another tool (screwdriver) to change the blade and supplied complete with spare blades.

**Blades:**

Straight double-ended heavy duty blade for [redacted]. Blade hardness 700/820 HV30 and supplied in plastic safety dispenser containing 10 blades.

A hooked double-ended heavy duty blade to suit [redacted]. Blade hardness 700/820 HV30 and supplied in plastic safety dispenser containing 10 blades.

A round nose single cutting edge blade to suit [redacted]. Blade dimension 69mm long x 26mm wide x 17mm high and supplied in plastic safety dispenser containing 10 blades.

A round nose single cutting edge blade to suit [redacted]. Blade dimension 69mm long x 26mm wide x 17mm high and supplied in 10 packs of 10 blades. Contained within a plastic safety dispenser.

**Photo:**

NSN	Pattern No	Remarks
5110-99-2574004	[redacted]	[redacted]
5110-99-1375709	[redacted]	Spare heavy duty blades for above (pack of 10)
5110-99-1356533	[redacted]	Spare hooked blades for above (pack of 10)
5110-99-6635761	[redacted]	Spare Round nose blades for above (pack of 10)
5110-99-8367567	[redacted]	Spare Round nose blades for above (pack of 100)

**Note/Issue Remarks:**

[redacted]

[redacted]

<b>Status</b>	<b>Authority</b>	<b>Date</b>
Issue 4	[redacted]	03/07/14