



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des soumissions  
- TPSGC**

**11 Laurier St./ 11, rue Laurier**

**Place du Portage, Phase III**

**Core 0B2 / Noyau 0B2**

**Gatineau, Québec K1A 0S5**

**Bid Fax: (819) 997-9776**

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

**Clothing and Textiles Division / Division des  
vêtements et des textiles**

**11 Laurier St./ 11, rue Laurier**

**6A2, Place du Portage**

**Gatineau, Québec K1A 0S5**

<b>Title - Sujet</b> MITTENS, SHELL/INSERTS COLD WEATHER	
<b>Solicitation No. - N° de l'invitation</b> W8486-151779/A	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b> W8486-151779	<b>Date</b> 2015-11-19
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$PR-713-68008	
<b>File No. - N° de dossier</b> pr713.W8486-151779	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-12-15</b>	<b>Time Zone</b> Fuseau horaire Eastern Standard Time EST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Macleod, Joyce	<b>Buyer Id - Id de l'acheteur</b> pr713
<b>Telephone No. - N° de téléphone</b> (819) 934-0983 ( )	<b>FAX No. - N° de FAX</b> (819) 956-5454
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Amendment 005 to the solicitation is raised to:

1) **UNDER**

**PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

**4.1 Evaluation Procedures - 4.1.1 Technical Evaluation**

**4.1.1.1 Mandatory Technical Criteria**

**Pre-Award Sample(s) and Supporting Documentation**

**Delete:**

Laboratory test results for the following are required as defined herein:

**Leather, Goatskin, Aniline, Chrome, Tanned, Gloving – ANNEX C – Appendix 1, Table I**

- pH of Leather – Test result to confirm pH of Leather requirement in specification DSSPM 2-3-LI-3-5
- Water Resistance - Test result to confirm Water Resistance requirement in specification DSSPM 2-3-LI-3-5
- Tear Strength (Initial & After Abrasion) - Test result to confirm Tear Strength requirements (Initial & After Abrasion) in specification DSSPM 2-3-LI-3-5

**Leather, Cowhide, Split, Chrome, Tanned, Gloving – ANNEX C – Appendix 2, Table I**

- pH of Leather – Test result to confirm pH of Leather requirement in specification DSSPM 2-3-80-137

**Leather, Cowhide, Split, Chrome, Tanned, Gloving – ANNEX C – Appendix 2, Table II**

- Tensile Strength (Average) – Test result to confirm Tensile Strength (Average) of Leather requirement in specification DSSPM 2-3-80-137
- Tongue Tear Strength (Average) - Test result to confirm Tongue Tear Strength (Average) of Leather requirement in specification DSSPM 2-3-80-137

**Insert:**

**Certificates of Compliance** for the following are required to confirm that the Leather, Goatskin and Leather, Cowhide meet the laboratory testing requirements as defined herein:

**Leather, Goatskin, Aniline, Chrome, Tanned, Gloving – ANNEX C – Appendix 1, Table I**

- pH of Leather – Test result to confirm pH of Leather requirement in specification DSSPM 2-3-LI-3-5
- Water Resistance - Test result to confirm Water Resistance requirement in specification DSSPM 2-3-LI-3-5
- Tear Strength (Initial & After Abrasion) - Test result to confirm Tear Strength requirements (Initial & After Abrasion) in specification DSSPM 2-3-LI-3-5

**Leather, Cowhide, Split, Chrome, Tanned, Gloving – ANNEX C – Appendix 2, Table I**

- pH of Leather – Test result to confirm pH of Leather requirement in specification DSSPM 2-3-80-137

**Leather, Cowhide, Split, Chrome, Tanned, Gloving – ANNEX C – Appendix 2, Table II**

- Tensile Strength (Average) – Test result to confirm Tensile Strength (Average) of Leather requirement in specification DSSPM 2-3-80-137
- Tongue Tear Strength (Average) - Test result to confirm Tongue Tear Strength (Average) of Leather requirement in specification DSSPM 2-3-80-137

**Note:** Laboratory Test Results for the Leather (Goatskin and Cowhide) must be submitted with the Pre-Production Samples - with no exceptions.

**2) UNDER**

**Annex C – Appendix 1 - DSSPM 2-3-L1-3-5 (dated May 30-2014) - SPECIFICATION FOR LEATHER, GOATSKIN, ANILINE, CHROME TANNED, GLOVING (For Exteme Cold Weather Mitt Shell 8415-21-104-2104 A/A)**

**Delete:**

The existing table (French only):

Tableau 1 – Propriétés chimiques et physiques du cuir de peau de chèvre

**Insert:**

Tableau 1 – Propriétés chimiques et physiques du cuir de peau de chèvre

ESSAI NO	PROPRIÉTÉ	MÉTHODE D'ESSAI	EXIGENCE
1.	Oxyde de chrome dans le cuir (pourcentage)	ASTM D 2807 - 93	Minimum : 2 %
2.	pH du cuir	ASTM D 2810 - 93	Minimum : 3,5
3.	Épaisseur (onces ou millimètres)	ASTM D 1813 ou ASTM D 1814 - 70 (calibre Woburn)	comme spécifié dans le contrat
4.	Solidité de la couleur au frottement (dégorgement par frottement)	CAN/CGSB-4.2-M, méthode 22	Requis : Sec et mouillé : indice 4 de l'échelle de gris  Maximum : Sec et mouillé : indice 3 de l'échelle de gris

Solicitation No. - N° de l'invitation  
W8486-151779/A  
Client Ref. No. - N° de réf. du client  
W8486-151779

Amd. No. - N° de la modif.  
005  
File No. - N° du dossier  
pr713. W8486-151779

Buyer ID - Id de l'acheteur  
pr713  
CCC No./N° CCC - FMS No./N° VME

5.	Résistance à la pénétration de l'eau (kilopascals)	CAN/CGSB-4.2-M, méthode 26.3 ou ISO 811 60 cm eau/min Zone d'essai de 10 cm <sup>2</sup>	Minimum : 20 kPa
6.	Diffusion de la vapeur (grammes par m <sup>2</sup> /h)	ASTM E 96 (méthode du siccatif)	Aucun échantillon ne peut être inférieur à 50 g/m <sup>2</sup> /h
7.	Résistance à la déchirure (Newtons)  - État initial  - Après abrasion	British Standard (BS) 3144 ou ASTM D 2212 5 échantillons/orientation  ASTM D 4966 1600 cycles	Minimum : 40 N (moyenne des 10 échantillons)  Remarque : Pour au plus un échantillon par orientation, le résultat peut être inférieur à 40 N.  Minimum : 40 N (moyenne des 10 échantillons)  Remarque : Pour au plus un échantillon par orientation, le résultat peut être inférieur à
8.	Température de rétraction (degrés Celcius)	FED STD 311, méthode 7011.1	Minimum : 90 o C

'Pour l'essai de résistance à la pénétration de l'eau selon la norme CGSB 26.3/ISO 811, un grillage métallique rigide (8 trous/po) doit être placé sur le cuir (sur le côté du cuir qui n'est pas en contact avec l'eau) pour empêcher la distension du cuir lorsqu'une pression est exercée.

**3) The following attachments (technical drawings) have been included with the Solicitation Amendment:**

CS-101 – Buckle, Slide – 2 Bar  
CS-149 – Socket, Fastener  
CS-153 – Button, Fastener  
389364 – Mitten, Shells, Winter, CI, AI  
389371 – Face Warmer Assembly  
389366 – Patterns, Mitten, Shells, Winter, CI, AI, Medium  
389373 – Patterns, Mitt, Inserts, Winter, CI, Medium  
389374 - Patterns, Mitt, Inserts, Winter, CI, Large

**Note: French documents will follow**

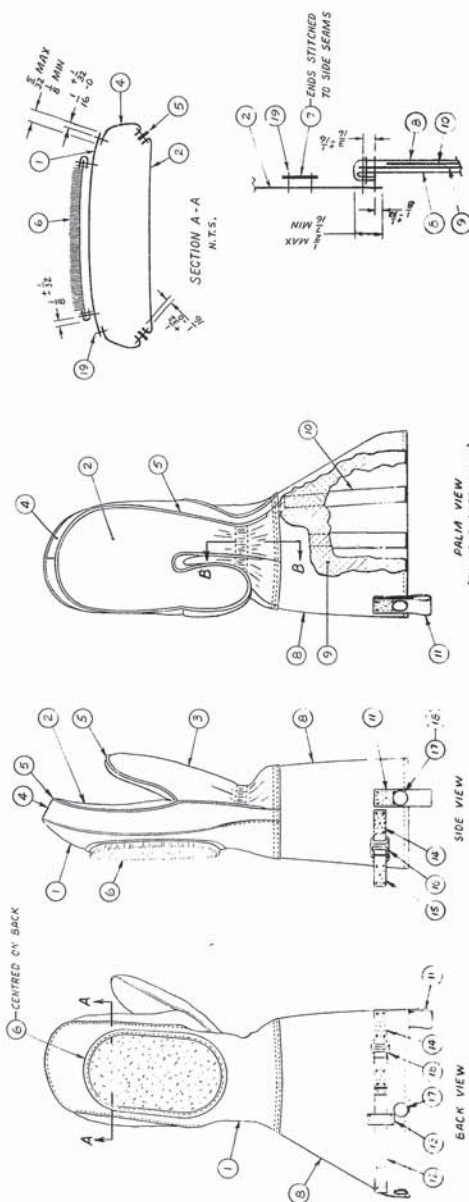
ITEM SOURCE NO.	TITLE - DESCRIPTION	QTY	SUPPLEMENTARY DATA
1	BACK	1	
2	PALM	1	
3	THUMB	1	
4	THUMB	1	
5	WELTING	24	
6	B-389371	1	
7	FACE WARMER LASSY	1	
8	ELASTIC, 3/8 WIDE	1	
9	CUFF NYLON	1	
10	CANVAS, INNER CUFF	1	
11	LOOP CARRYING	1	
12	STRAP	1	
13	LOOP RETAINING STRAP	1	
14	TAB, RETAINING BUCKLE	1	
15	LOOP, PULL	1	
16	CS-101	1	
17	CS-123	4	
18	CS-149	4	
19	THREAD, SEAMS & STITCHINGS	1	

#### NOTES:-

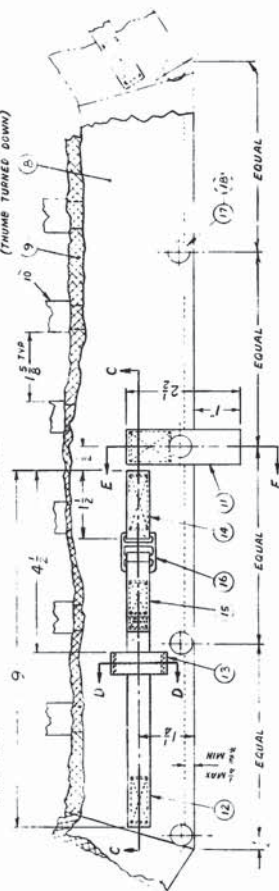
1. FOR COMPONENTS AND MATERIALS OF COMPONENTS NOT SPECIFIED SEE APPLICABLE SPECIFICATION
2. ALL STITCHING TO BE LOCATED WITHIN 9 TO 11 STITCHES PER INCH
3. UNLESS OTHERWISE SPECIFIED ALL STITCHING TO BE 1/2" FROM EDGE
4. DRAWING MADE FROM LEFT MITTEN
5. DRAWINGS OF PATTERNS:-

389365, SIZE SMALL  
389366, SIZE MEDIUM  
389367, SIZE LARGE  
389368, SIZE X-LARGE  
389369, SIZE SMALL & MEDIUM  
389370, SIZE LARGE & X-LARGE

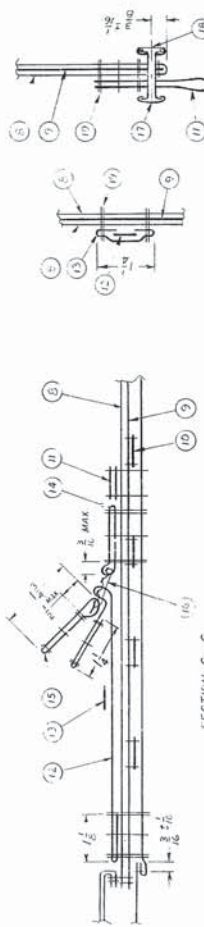
1/2" MAX. STITCHED TO SIDE SEAMS



SECTION B-B  
N.T.S.



ENLARGED VIEW OF CUFF (OPENED)



SECTION C-C  
N.T.S.

SECTION D-D  
N.T.S.

SECTION E-E  
N.T.S.

SPEC: CF-M-756

STOCK NO: 5412-21-104-2104

NOTES:  
This drawing has been prepared by the technical staff of the Department of Defense and is not to be used for manufacturing purposes without the approval of the Department of Defense.

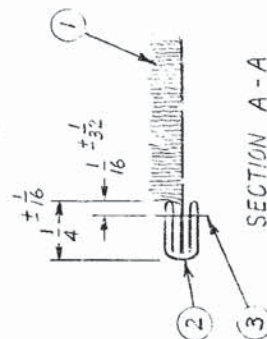
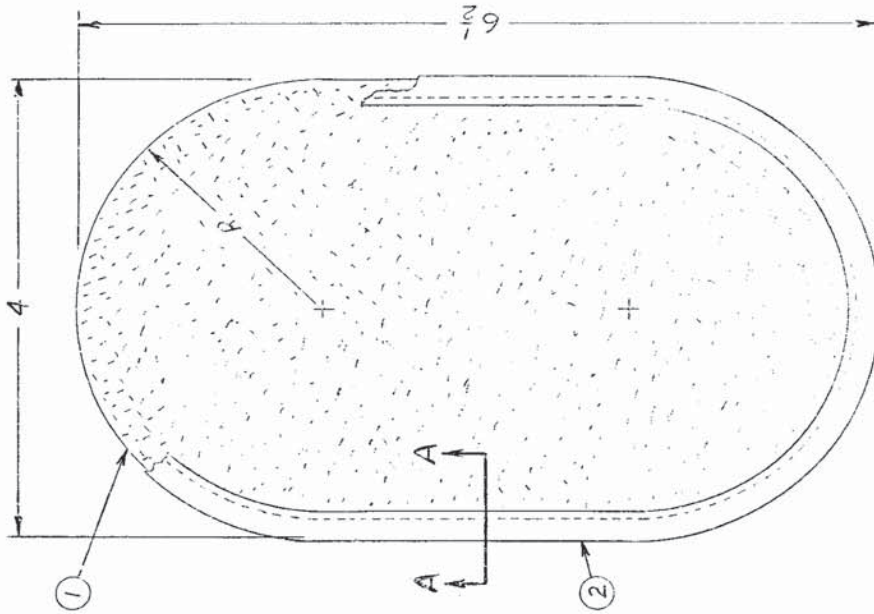


DO NOT SCALE THIS DRAWING

D 389364

UNLESS OTHERWISE SPECIFIED		DIRECTOR GENERAL		DRAWING NUMBER	
DIMENSIONS ARE IN INCHES		ORDNANCE SYSTEMS		389364	
FRACTIONS: 1/8 SURFACE FIN. 1/16		OF LAMP - CANADA		10421	
DECIMALS: 2 - HOLE DIA. 1/16		TITLE		MITTEN, SHELLS, WINTER, OI, AI	
ANGLES: 2 - HOLE DIA. 1/16		SCALE		1/2" = 1"	
DATE		DRAWN		DATE	
21 NOV 72		21 NOV 72		21 NOV 72	
21 NOV 72		21 NOV 72		21 NOV 72	





DO NOT SCALE  
THIS DRAWING

SECTION A-A  
N.T.S.

# NOTES: -

1. FOR COMPONENTS & MATERIALS OF COMPONENTS NOT SPECIFIED SEE APPLICABLE SPECIFICATION.
2. ALL STITCHING TO BE LOCKSTITCHED, 7 TO 9 STITCHES PER INCH.

## NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with this document shall continue to apply.

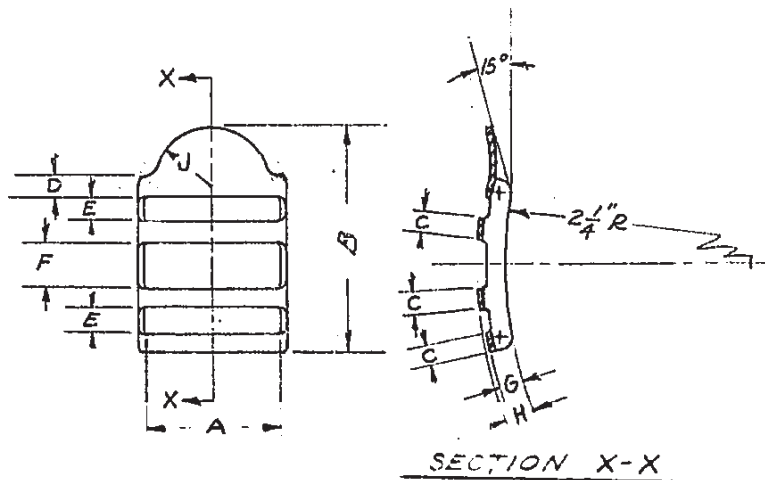
## AVIS

Cette documentation a été examinée par l'autorité technique et ne contient pas de marchandises contrôlées. Les avis de divulgation et les instructions de manipulation originellement reçus avec ce document demeurent en vigueur.



UNLESS OTHERWISE SPECIFIED DIMENSIONS: ALL IN INCHES		DIRECTOR GENERAL ORDNANCE SYSTEMS OTTAWA ... CANADA		SYN		REVIEWS		AUTH		CHKR		DATE		APPD	
FRACTIONS ±	$\frac{1}{8}$	SURFACE FIN.	✓												
DECIMALS ±	—	HOLE SIZES ±	—												
ANGLES ±	—	HOLE CTRS ±	—												
SCALE	$\frac{1}{1}$	CHGR													
DWG			G.T. CURRY	DATE			21 NOV 72								
TITLE				FACE WARMER ASSY											
MATERIAL				AS NOTED											
APPROVED				7. [Signature]											
DRAWING PRACTICE & DRAWING SYMBOLS				IN ACCORDANCE WITH CF-STD-3											
DWG SIZE PART NO				B 389371											
SHEET				— OF —											

ITEM	SOURCE N°	TITLE - DESCRIPTION	QTY	SUPPLEMENTARY DATA
1		FACE WARMER	1	SPEC: TEXT-2-4-1.
2		BINDING	1	SPEC: TEXT-1-3-5; TYPE 2.
3		THREAD, SEAMS & STITCHINGS	AS REQD	SPEC: PSNL-9-2-1.



DIMENSIONS			CS PART N°	
			CS-101-1	CS-101-2
A	WIDTH	MIN	5/8	3/4
B	LENGTH	APPROX	1 1/16	1 1/4
C	WIDTH	MIN	3/32	3/32
D	WIDTH	APPROX	3/32	1/8
E	OPENING	MIN	3/32	1/8
F	OPENING	MIN	3/16	1/4
G	HEIGHT	MIN	3/32	1/8
H	HEIGHT	MIN	1/8	5/32
J	RADIUS	APPROX	1/4	5/16
T	THICKNESS	APPROX	.025	.025

MATERIAL: STEEL OR BRASS

FINISH: AS SPECIFIED.

TOLERANCE:

UNLESS OTHERWISE SPECIFIED, FRACTIONS  $\pm \frac{1}{32}$  DECIMALS  $\pm .005$  ANGLES  $\pm 1^\circ$   
 DIMENSIONS IN INCHES

REVISION:

DRAWN BY:  
E.J.D.

DIRECTORATE OF INTERSERVICE DEVELOPMENT

APPROVED BY:

*[Signature]*

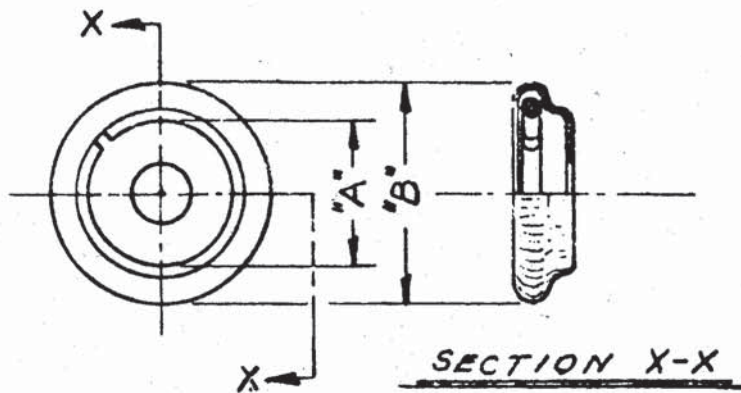
BUCKLE, SLIDE - 2 BAR

CS-101



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C.S. PART NO	INSIDE DIA. DIM. "A"	OUTSIDE DIA. DIM. "B"
C.S. -149-1	$\frac{11}{32}$ "	$\frac{9}{16}$ "
C.S. -149-2	$\frac{1}{4}$ "	$\frac{31}{64}$ "

MATERIAL: BRASS OR STEEL

FINISH: AS REQUIRED

TOLERANCE:

UNLESS OTHERWISE SPECIFIED, FRACTIONS  $\pm \frac{1}{32}$ " DECIMALS  $\pm$  ANGLES  $\pm$   
 DIMENSIONS IN INCHES

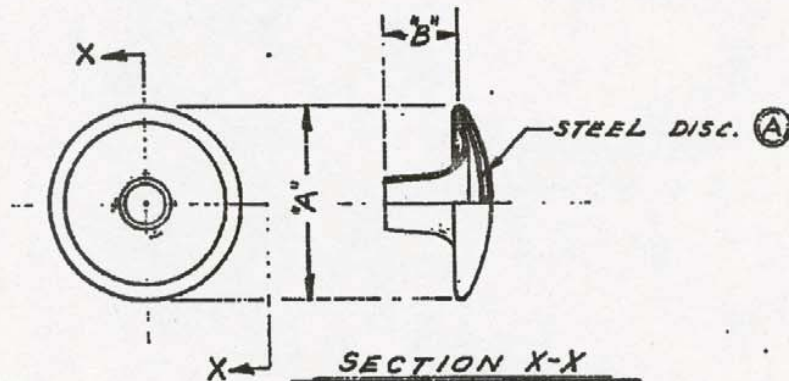
REVISION

DRAWN BY: *[Signature]*  
 16-11-53  
 APPROVED BY: *[Signature]*

DIRECTORATE OF INTER-SERVICE DEVELOPMENT  
 SOCKET, FASTENER

CS-149





For Internal Department of National  
Defence use only. Not to be used for  
contractual / manufacturing purposes  
without prior DND authorization.

CS. PART NO	DIM. "A"		DIM "B"
	LIGNE	DIA.	BARREL LENGTH
CS. -153-1	24	$\frac{39}{64}$ "	$\frac{1}{4}$ "
CS. -153-2	24	$\frac{39}{64}$ "	$\frac{11}{64}$ "
CS. -153-3	20	$\frac{1}{2}$ "	$\frac{3}{16}$ "
CS. -153-4	18	$\frac{29}{64}$ "	$\frac{3}{16}$ "

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conformer à ces accords et règlements.

**MATERIAL: BRASS OR STEEL**

**FINISH: AS REQUIRED**

**TOLERANCE:**

UNLESS OTHERWISE SPECIFIED, FRACTIONS  $\pm \frac{1}{32}$

DECIMALS  $\pm$

ANGLES  $\pm$

**DIMENSIONS IN INCHES**

REVISION (A) STEEL DISC. ADDED

DRAWN BY: 17-11-53  
APPROVED BY:

DIRECTORATE OF INTER-SERVICE DEVELOPMENT  
BUTTON, FASTENER

CS-153