

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 0A1 / Noyau 0A1
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
6B1, Place du Portage
Gatineau, Québec K1A 0S5

Title - Sujet Belt, Duty, Nylon & Assembly Items	
Solicitation No. - N° de l'invitation M0077-13G101/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client M0077-13G101	Date 2013-09-06
GETS Reference No. - N° de référence de SEAG PW-\$\$PR-738-63441	
File No. - N° de dossier pr738.M0077-13G101	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-09-24	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Gravel, Sylvie	Buyer Id - Id de l'acheteur pr738
Telephone No. - N° de téléphone (819) 956-3832 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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

Solicitation No. - N° de l'invitation

M0077-13G101/A

Amd. No. - N° de la modif.

001

Buyer ID - Id de l'acheteur

pr738

Client Ref. No. - N° de réf. du client

M0077-13G101

File No. - N° du dossier

pr738M0077-13G101

CCC No./N° CCC - FMS No/ N° VME

BELT, DUTY, NYLON AND ASSEMBLY ITEMS

Solicitation Amendment No. 001 is raised to provide the latest revision of specification GS 1045-336 dated 2013-08-29 (Annex B) and of the drawings (Annex C). Please delete Annexes B & C which were provided with the Request For Proposal and replace with the attached Annexes B and C.

All other terms and conditions remain the same.

A bid already submitted may be amended prior to RFP closing time by sending the amended correspondence to Bid Receiving Unit, the envelope/message bearing the PWGSC file number and the most current closing date.



Royal Canadian Mounted Police
Gendarmerie Royale du Canada

ANNEX B

Doc. no: G.S. 1045-336
Date: 2013-08-29

Specification

Belt, Duty, Nylon

This document has 22 pages
including the drawings.

This document was created in
English.

The document is available in
English and French.

☒ English/Anglais
Français/French

The photograph on this page is
for reference only.

Modifications

[illegible]

RCMP VIEWING SAMPLE

A viewing sample, when available, will be supplied to the successful tenderer.

This will be used for the guidance of the manufacturer in all factors not covered by this specification or referred to therein. Variation from the specification may appear in the sample in which case the specification shall govern.

It may be obtained from:

Royal Canadian Mounted Police
ATTN: Uniform & Equipment Program
(440 Coventry Road, Warehouse Building)
1200 Vanier Parkway
Ottawa, Ontario
K1A 0R2

It will be sent "prepaid" and is to be returned "prepaid".

The viewing sample shall be returned to the RCMP in the same condition as received by the manufacturer. Lost or damaged viewing samples shall be replaced by an identical item or the RCMP shall be reimbursed for the cost of an acceptable replacement.

SPECIFICATION

BELT, DUTY, NYLON

1. Definition

- 1.1 This specification shall govern the manufacture and inspection of Belts, Duty, Nylon.
- 1.2 This specification, viewing sample, drawing or other information issued in connection therewith, may only be used for specific enquiries, tenders, or orders placed on behalf of the Royal Canadian Mounted Police.
- 1.3 This specification supersedes all previous specifications for RCMP Belt, Duty, Nylon.

2. Applicable Specifications

- 2.1 The following publications are applicable to this specification and to the issues in effect on the date of the invitation to tender, unless otherwise specified.
- 2.2 CAN/CGSB 4-GP-85Ma, Nylon Thread, (Continuous Multifilament).

3. General Requirements

- 3.1 The article or material covered by this specification shall be free from imperfections or blemishes such as may affect its appearance or serviceability. In all particulars not covered by this specification or contract documents, production shall be equivalent in all respects to the viewing sample.
- 3.2 **Design** - The Nylon Duty Belt shall be of a two-belt design, one inner belt of lightweight material, secured by loop tape and a loop buckle, and one outer duty belt on which the accessories listed below shall be worn. The outer duty belt shall be made of a synthetic nylon material with a basketweave finish, shall have hook tape on the inside surface, to attach to the loop tape on the inner belt for secure and stable wearing. The outer belt shall close with a three-point plastic side release buckle.

3.3 Belts and Accessories

Item	Dwg. #	Quantity
1. Belt, Outer (w/2 sliding belt keepers)	2	1 each
2. Belt, Inner	3	1 each
3. Pouch, Double Magazine Full Size	4 & 5	1 each
4. Pouch, Double Magazine, Compact Size	4 & 5	1 each
5. Holder, Defensive Spray	6	1 each
6. Pouch, Handcuff	7	1 each
7. Ring, Flashlight	8	1 each
8. Holder, Flashlight, General Duty	9	1 each
9. Holder, Mini-Flashlight	10	1 each
10. Keeper, Belt, Detachable	2	4 each

3.4 In the event of any inconsistency in contract documents, specification, drawing, or viewing sample, the aforementioned shall prevail in the following order:

- i) Contract
- ii) Specification
- iii) Drawing
- iv) Viewing sample

4. Detail Requirements

4.1 Materials

4.1.1 **Outer Belt, Accessories, Sliding Keeper and Belt Keeper Shell Material** - The shell material for the outer belt, the accessories, the sliding keepers and the belt keepers shall be a durable synthetic non-woven nylon microfibre material, with a basketweave surface pattern. The 'direction' of the basketweave shall be as shown in Dwg. 2 for the belt and all accessories. The colour shall be black. It shall have the following properties:

Table I

Property	Requirement	Test Method
Weight	540g/m ²	---
Thickness	1.4mm	---
Tear Strength	70lbs x 70 lbs (min.)	ASTM D-1117-80, (Trapezoid Method)
Tensile Strength	271lbs x 286lbs (avg.)	ASTM D-5034-90 (Grab Method)
Abrasion Resistance	1000 (no wear)	Taber Abrasion H-18 Wheel, 500g Load
Adhesion (lbs/inch)	20 machine direction 18 cross machine direction	CFFA-4 ASTM-D-751-68
Moisture Vapour Transmission (g/24hrs/m ²)	Finish side up -620 Finish side down-750	ASTM E96
Water Resistance	100,000 flexes - no penetration	Maeser
Crocking	Dry 5 Wet 4-5	AATCC-8-1988
Resistance to Light	5	AATCC-16A-90

The following material has been found to meet these requirements: Nytek® 'Paraweave' Black JL27, produced by Majilite Corporation, 1530 Broadway Road, Dracut, Massachusetts, U.S.A.

- 4.1.2 **Outer Belt Liner & Inner Belt Material** - Shall be 100% 'ballistic' 1050 denier nylon plainweave webbing material, black in colour, weight equal to viewing sample.
- 4.1.3 **Edge Binding** - For the outer belt and all the accessories, shall be the same material as specified in para. 4.1.1, except the weight shall be 262g/m², thickness 0.7mm, without basketweave finish. For the inner belt, shall be good quality, durable plain weave nylon binding, 2cm (3/4") wide, black in colour.

- 4.1.4 **Thread** – Nylon bonded multifilament, Type 2, Class A, Tex 50, top and bottom, in accordance with CAN/CGSB 4-GP-85Ma, Nylon Thread, (Continuous Multifilament), or equivalent. The colour shall be black.
- 4.1.5 **Foam Padding, Outer Duty Belt** - Shall be high density LD60 foam, 1.6mm thick maximum, split if necessary to attain desired thickness, -0.175mm tolerance.
- 4.1.6 **Buckles**
- 4.1.6.1 **Outer Belt Side Release Buckle** - The buckle shall be of black durable plastic, with two side release tabs and a front release 'button', requiring all three to be engaged to undo the buckle. It must fit on the 57mm (2 1/4") wide outer belt. The buckle's operational temperature range shall be from +40°C to -35°C when exposed to normal use conditions. There shall be no rough or sharp edges to any of the components. The following buckle is known to meet RCMP requirements: National Molding Corporation 'Cop-Lok', Part #8018 Male portion, #8019 Female portion.
- Other buckles may be considered providing they offer the same performance.
- 4.1.6.2 **Inner Belt Loop Buckle** - Shall be black plastic, "D" ring shape. Dimensions as per Dwg. 3.
- 4.1.7 **Hook and Loop Tape** - Shall be black in colour, with a high life cycle. The combined hook and loop shall have no less than 14 P.S.I length-wise shear strength and 10.5 P.S.I. width-wise shear strength. The minimum tensile strength shall be no less than 6 P.S.I. Width as per drawings and viewing sample.
- 4.1.8 **Dome Fastener** - Shall be solid brass, hard action, equivalent to the viewing sample.
- 4.1.9 **Stiffener**
- 4.1.9.1 **Outer Duty Belt Stiffener** - Shall be a plastic material, HDPE, 1.6mm thick, +/- 0.2mm.
- 4.1.9.2 **Inner Belt & Accessories Stiffener** - Shall be a leather/rubber composite material, equal in all respects to the viewing sample, 2mm thick, +/- 0.2mm. Other materials will be considered if equal in performance.

- 4.1.10 **Liner, Accessories** - Shall be a plain weave 210 denier nylon fabric, black in colour, equal to viewing sample.
- 4.2 **Dimensions** - Dimensions of the finished belt and accessories shall conform to the information given in the various drawings and, where not specified, in accordance with the viewing sample.
- 4.3 **Size** - The sizes of the duty belt assembly shall be as below:

Size Designation	Waist Measurement
21"-24"	53-61cm
25"-28"	63-71cm
29"-32"	73-81.25cm
33"-36"	84-91.5cm
37"-40"	94-101.5cm
41"-44"	104-111.75cm
45"-48"	114-122cm
49"-52"	124.5-132cm
53"-56"	134.5-142.25cm

4.4 **Construction**

- 4.4.1 **Outer Belt** - Shall be a five layer construction - outer shell material (para. 4.1.1), foam (para. 4.1.5), stiffener (para. 4.1.9.1), foam (para. 4.1.5), nylon webbing (para. 4.1.2), laminated together with a suitable adhesive. The Outer Belt materials shall not delaminate throughout the expected lifetime of the belt. Care shall be taken to avoid undue puckering and rippling when the belt is curved as on a wearer's body. Edges shall be bound with the material specified in para. 4.1.3. The Outer Belt shall have hook tape 2.5cm wide sewn on the inner surface facing the wearer's body to mate with the loop tape of the Inner Belt. The ends of the belt shall be rounded in shape to allow easy entry through the belt buckle and accessory retention straps. Sharp edges shall not be permitted anywhere along the length of the belt. The hook tape shall be replaced for the last 8.5cm with loop tape for the full width of the belt on either end, to permit looping back through the plastic buckle and adherence to the hook tape on the inner surface. There shall be two removable sliding belt keepers made of shell material as per para. 4.1.1 designed to hold down the turned back ends and flatten the doubled layer of material at this point. The outer belt shall be able to fit into the belt loop of a Safariland SSIII 070 holster. Maximum thickness shall be 6mm when measured

near the edge, not including the hook tape. It shall be sized as per the Scale of Measurements and Dwg. 2.

- 4.4.2 **Inner Belt** - Shall be a three layer construction - webbing, body side (para. 4.1.2), stiffener (para. 4.1.9.2), and loop tape, facing away from the body (para. 4.1.7), laminated together with a suitable adhesive. Care shall be taken to avoid undue puckering and rippling when the belt is curved as on a wearer's body. It shall secure by means of a plastic "D" ring specified in para. 4.1.6.1 permanently attached at one end as per Dwg. 3, through which the end of the inner belt shall double back on itself and attach with hook tape. It shall be sized as per the Scale of Measurements and Dwg. 3, and shall be easily adjustable.
- 4.4.3 **Edge Finishing** - The edges of the outer belt, the inner belt and the accessories shall be finished with the appropriate material specified in para. 4.1.3. Care shall be taken to ensure that no puckering occurs when the edges are finished.
- 4.4.4 **Stitching** - The stitching shall be lockstitch using the thread specified in para. 4.1.4. Loose thread ends shall be trimmed off as closely as possible without marking or scarring the surface material.
- 4.4.5 **Accessories** - All accessories must fit without undue friction on the Outer Belt. Accessories that do not easily slide onto the Outer Belt are not acceptable. They shall be lined with plain weave nylon as per para. 4.1.10. Belt loops for all accessories to be made of heavy-duty nylon webbing as per viewing sample with the exception of the double magazine holder and the 3 D-cell flashlight holder.
- 4.4.5.1 **Double Magazine Pouch** - The double magazine pouch shall be made from shell material. It shall have two separate compartments capable of holding each a single magazine for either the Smith & Wesson Model 5946 pistol or the Smith & Wesson model 3953 pistol (model of pistol magazine must be indicated in the marking on the back of the pouch). The fit of the magazines shall be a slight friction fit that shall not interfere with access to the magazines. Each compartment shall have a flap secured by dome fastener. It shall be capable of being worn in either the horizontal or vertical position. The flap and body side piece shall have a stiffener specified in para. 4.1.9.2, laminated securely to the shell material and the lining. There shall be a heavy duty belt loop on the back, securely attached to the body by means of 4 rivets (or suitable stitching). This material shall be made from leather 3 to 3.5mm thick (8 to 9ozs.) stitched and glued to a piece of hard plastic sheeting 1mm thick. The belt loop piece shall have hook tape facing towards the body side to mate with the loop tape on the

Inner Belt. The pouch belt loop must accommodate a 57mm (2 1/4") wide duty belt.

- 4.4.5.2 **Single Handcuff Case** - Shall be made of shell material, with a flap secured by a dome fastener. It shall fit one metal handcuff as issued by the RCMP, (equivalent model for comparison, Peerless model 700 or Smith & Wesson model 100). The flap and body side piece shall have a stiffener specified in para. 4.1.9.2, laminated securely to the shell material and the lining. There shall be a belt loop on the back of nylon webbing, securely attached to the body by stitching, that shall have hook tape facing towards the body side to mate with the loop tape on the Inner Belt. The holder belt loop must accommodate a 57mm (2 1/4") wide duty belt.
- 4.4.5.3 **Defensive Spray Holder** - Shall be made of shell material, with a flap secured by a dome fastener. The flap and body side piece shall have a stiffener specified in para. 4.1.9.2, laminated securely to the shell material. The holder shall have the shape of the defensive spray canister maintained by a plastic cylinder, that shall not interfere with the drawing of the canister from the holder. Alternatively, a stiffener may be used in lieu of the plastic cylinder, designed in such a way that there is no interference when the canister is drawn from the holder. The defensive spray holder must accommodate a Def Tec Mk III defensive spray canister with little or no friction when the canister is drawn from the holder. There shall be a belt loop on the back of the holder, securely attached to the body, that shall have hook tape facing the body side to mate with the loop tape on the Inner Belt. The holder belt loop must accommodate a 57mm (2 1/4") wide duty belt.
- 4.4.5.4 **Mini-Flashlight Holder** - Shall be made of shell material, with an open bottom, and flap. It shall accommodate a Maglite Mini-Mag flashlight or equivalent. The light shall rest in the holder by means of a friction fit designed to keep the light in the holder when the user is performing various physical activities but the drawing of the flashlight must not be impeded. The flap and body side piece shall have a stiffener specified in para. 4.1.9.2, laminated securely to the shell material and the lining. There shall be a belt loop on the back, securely attached to the body, that shall have hook tape facing towards the body side to mate with the loop tape on the Inner Belt. The holder belt loop must accommodate a 57mm (2 1/4") wide duty belt.
- 4.4.5.5 **General Duty Flashlight Holder** - Shall be made of shell material with a flap secured by dome fastener. The body shall have an open bottom to accommodate different flashlight lengths. The holder shall accommodate the following flashlights: Streamlight Polystinger, Streamlight Stinger XT, Pelican M9. The flap and body side piece shall have a stiffener specified in para. 4.1.9.2, laminated

securely to the shell material and the lining. There shall be a belt loop on the back, securely attached to the body, that shall have hook tape facing towards the body side to mate with the loop tape on the Inner Belt. The holder belt loop must accommodate a 57mm (2 1/4") wide duty belt.

4.4.5.6 **Flashlight Ring** - Shall be a loop made from shell material, combined with the stiffener specified in para. 4.1.9.2, with a plastic ring permanently attached at one end, capable of holding a typical 3 "D" Cell flashlight (e.g. Brightstar). It shall secure to the duty belt by looping around the outer belt and securing by a dome fastener. The belt loop have hook tape on the body side surface to mate with the loop tape on the Inner Belt. The flashlight ring belt loop must accommodate a 57mm (2 1/4") wide duty belt.

4.4.5.7 **Detachable Belt Keepers** - Shall be made of shell material. They shall loop around both the inner and outer belts, and shall secure with two dome fasteners, dimensions as per Dwg. 2.

4.5 **Marking** - Inner and outer belts, and all accessories shall be marked with a permanently attached label with the following information, which shall not ordinarily be visible when the duty belt assembly is worn:

- Size/Type (belts/magazine holders only)
- Manufacturer's identification

5. **Delivery, Packing and Marking of Containers**

5.1 Unless otherwise specified the items shall be delivered to the Commissioner, R.C.M.P., Uniform & Equipment Program, Ottawa, Ontario, free of transportation charges and provincial tax.

5.2 Packing and marking of shipping containers shall be as specified in the invitation to tender.

5.3 A packing slip shall be enclosed showing contents of each shipment.

6. **Quality Assurance Provisions**

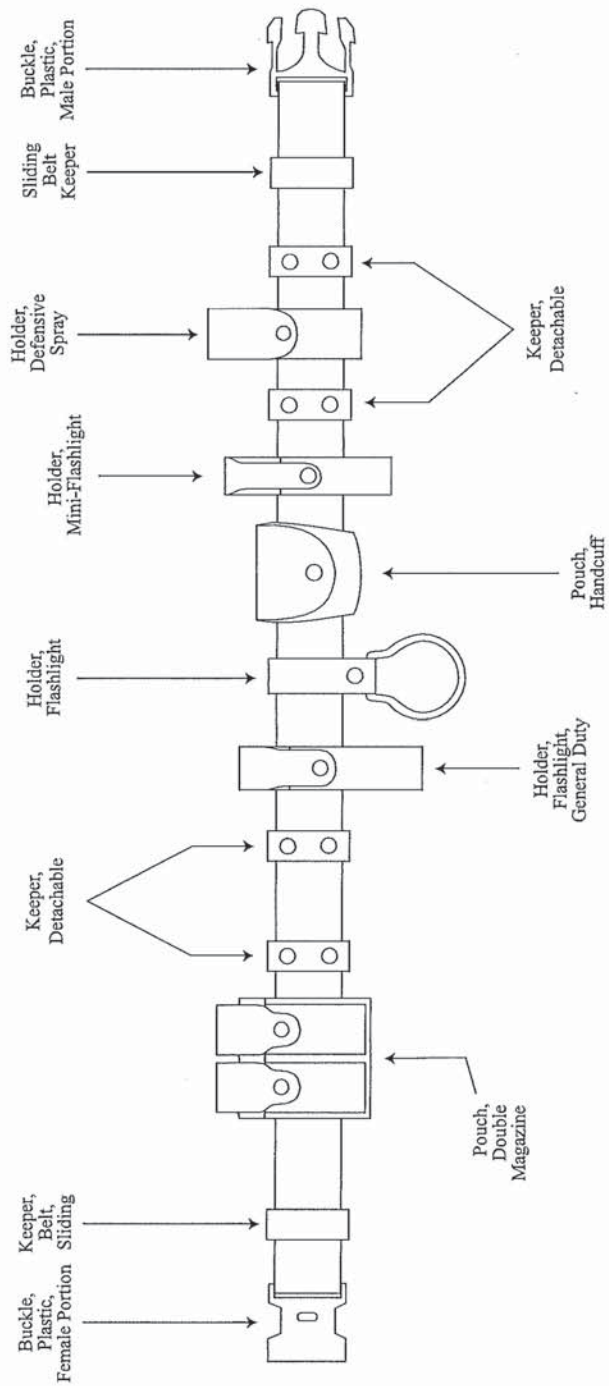
6.1 **Responsibility for Inspection** - Unless otherwise stipulated in the contract, it is the prime contractor's responsibility to satisfy the R.C.M.P., Uniform & Equipment Program that the material and services being supplied conform to this specification. This may be accomplished by performing the tests specified in this

specification or by demonstrating to the satisfaction of the R.C.M.P., Uniform & Equipment Program that conformity to this specification of manufacturing processes is assured. The contractor may use his own facilities or any commercial testing establishment acceptable to the R.C.M.P., Uniform & Equipment Program.

- 6.2 The R.C.M.P., Uniform & Equipment Program reserves the right to perform any inspection considered necessary to ensure the material and services conform to the specified requirements. For the purpose of inspection, a portion of each delivery not exceeding two percent or two out of any number delivered under 100 may be put to tests that could destroy the articles. If found to be inferior or not in accordance with this specification, all articles so destroyed shall be replaced by others of proper quality and pattern at the expense of the contractor. The entire delivery may also be rejected if it is found that articles previously rejected due to non-repairable defects are redelivered for inspection.
- 6.3 The contractor will be promptly notified when any articles are not accepted and such articles will be returned at the contractor's risk and expense.

BELT, DUTY, NYLON

Dwg. 1

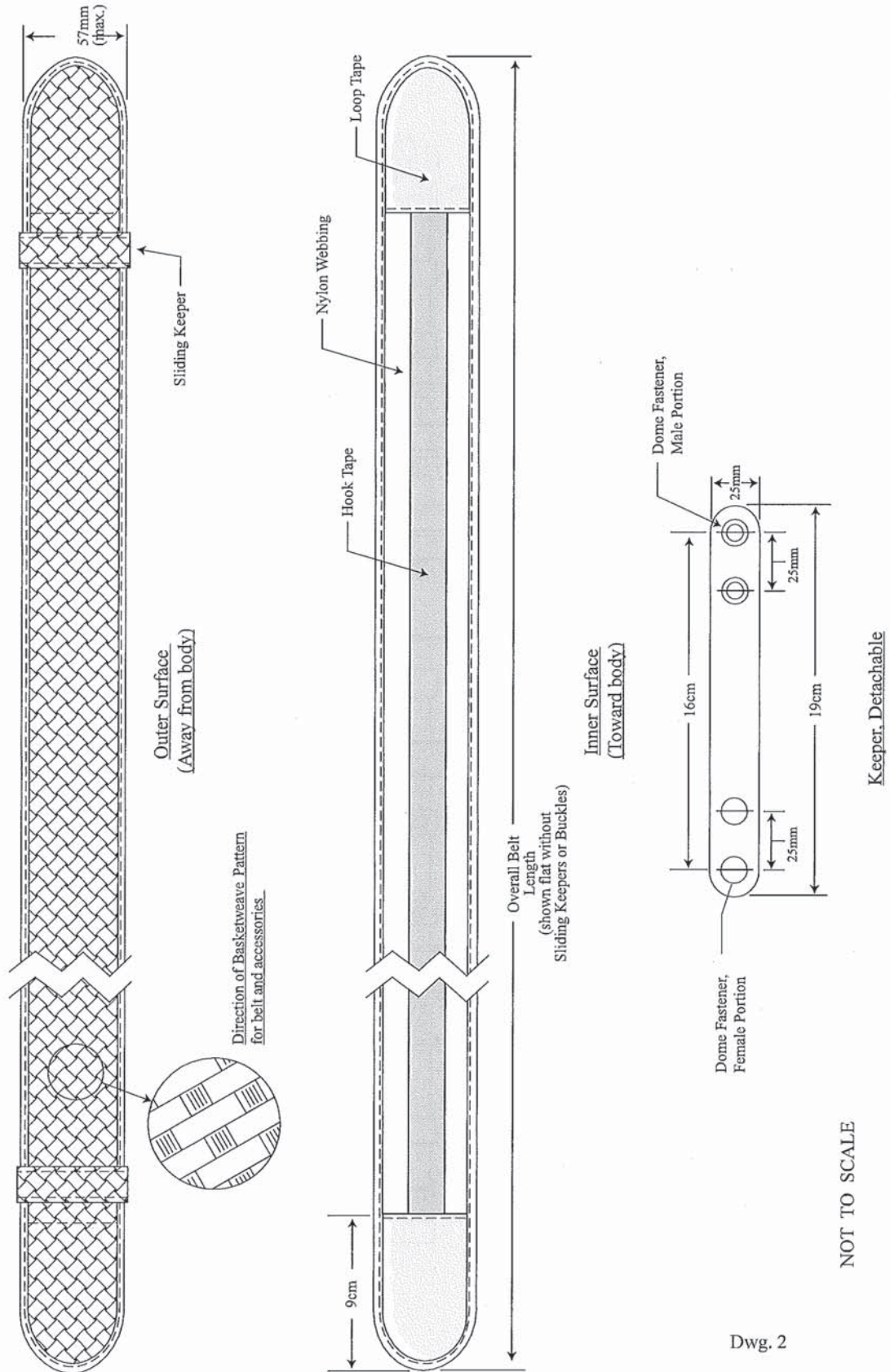


Dwg. 1

NOT TO SCALE

Belt, Outer

Dwg. 2



Dwg. 2

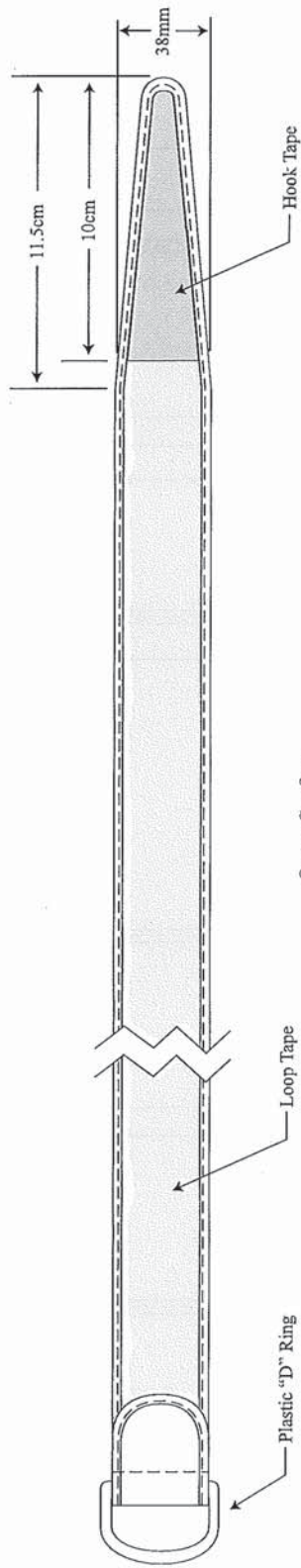
NOT TO SCALE

G.S.1045-336

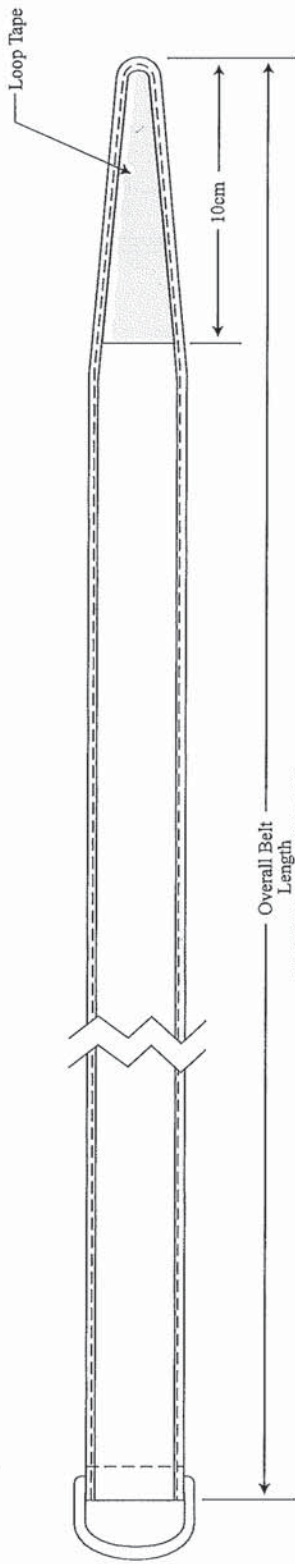
BELT, DUTY, NYLON

Dwg. 3

Belt, Inner

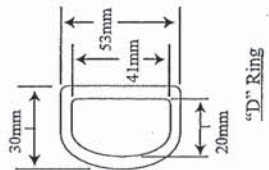


Outer Surface
(away from body)



Overall Belt
Length
NOT INCLUDING "D" Ring

Inner Surface
(against body)



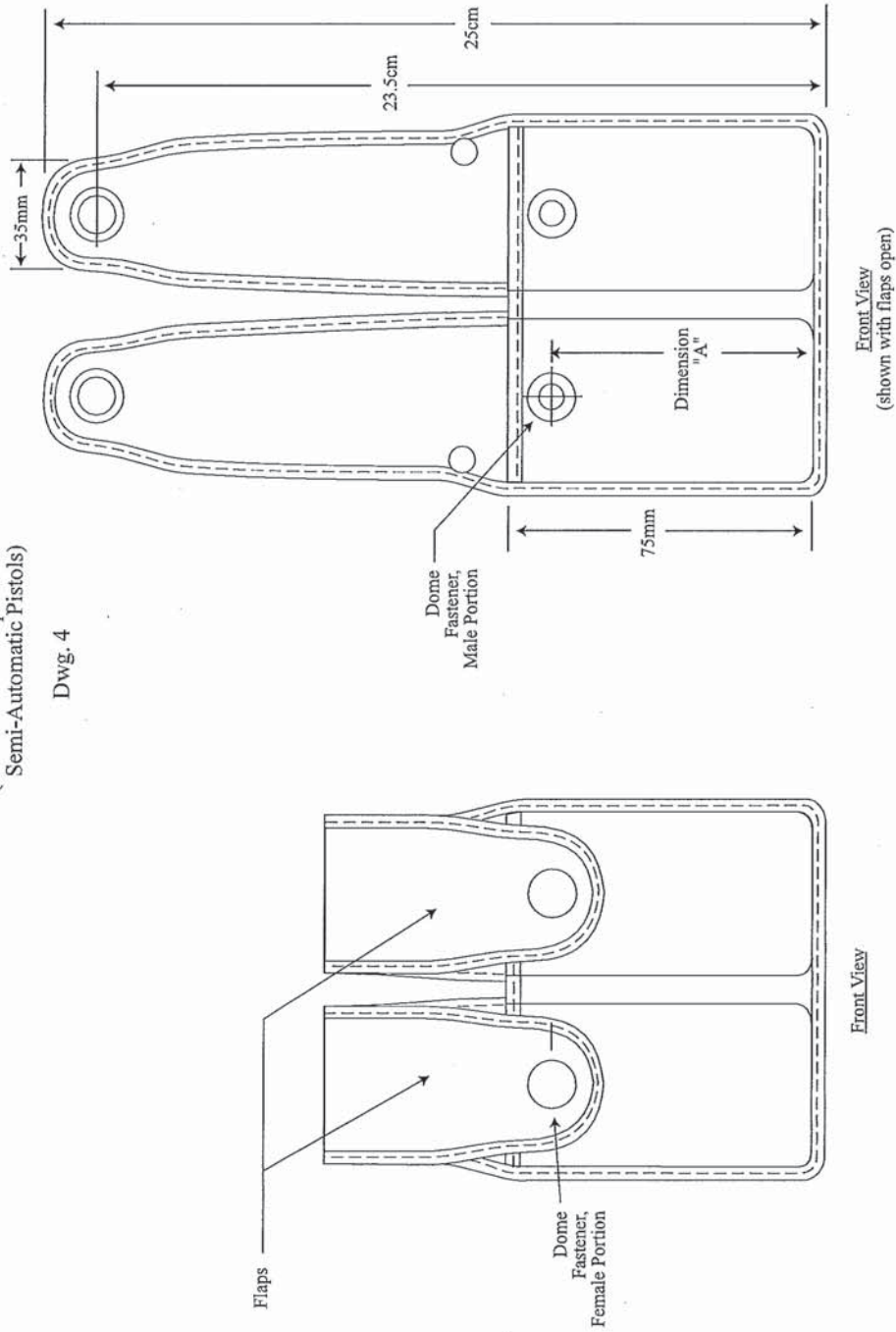
NOT TO SCALE

Dwg. 3

BELT, DUTY, NYLON

Pouch, Double Magazine
(for Full and Compact size
Semi-Automatic Pistols)

Dwg. 4



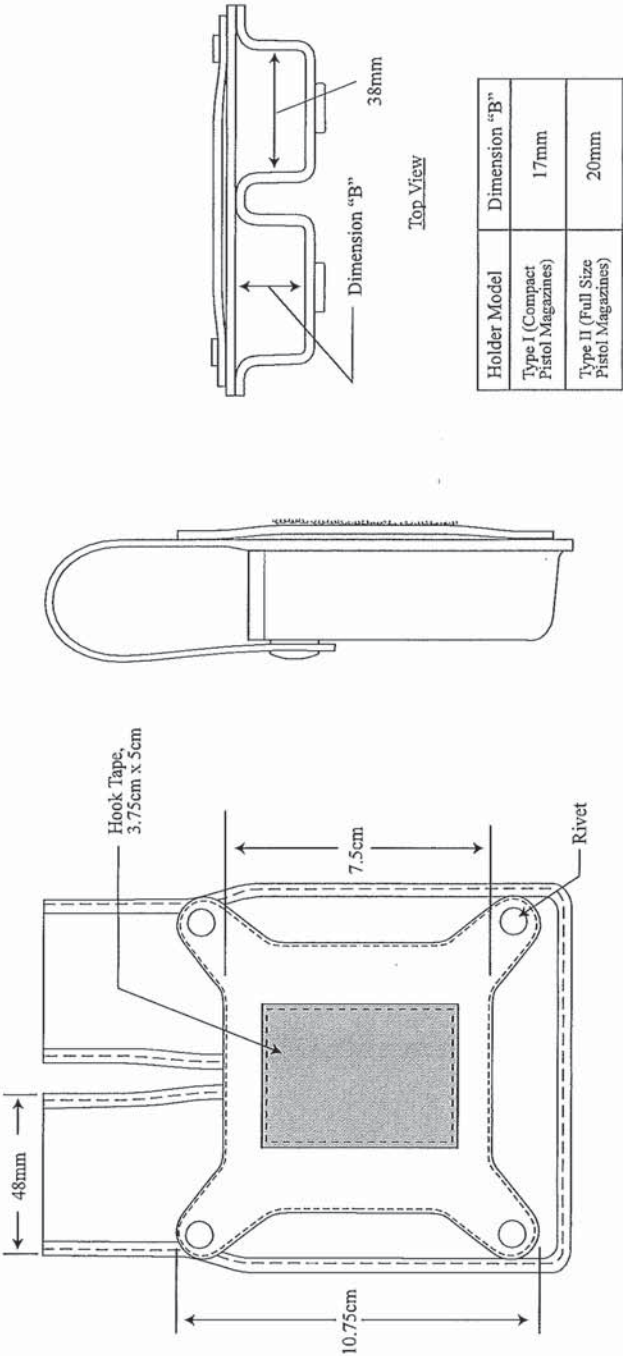
Holder Model	Dimension "A"
Type I (Compact Pistol Magazines)	48mm
Type II (Full Size Pistol Magazines)	68mm

Dwg. 4

NOT TO SCALE

BELT, DUTY, NYLON
Pouch, Double Magazine
(for Full-size and Compact
Semi-Automatic Pistols)

Dwg. 5



Side View

Rear View

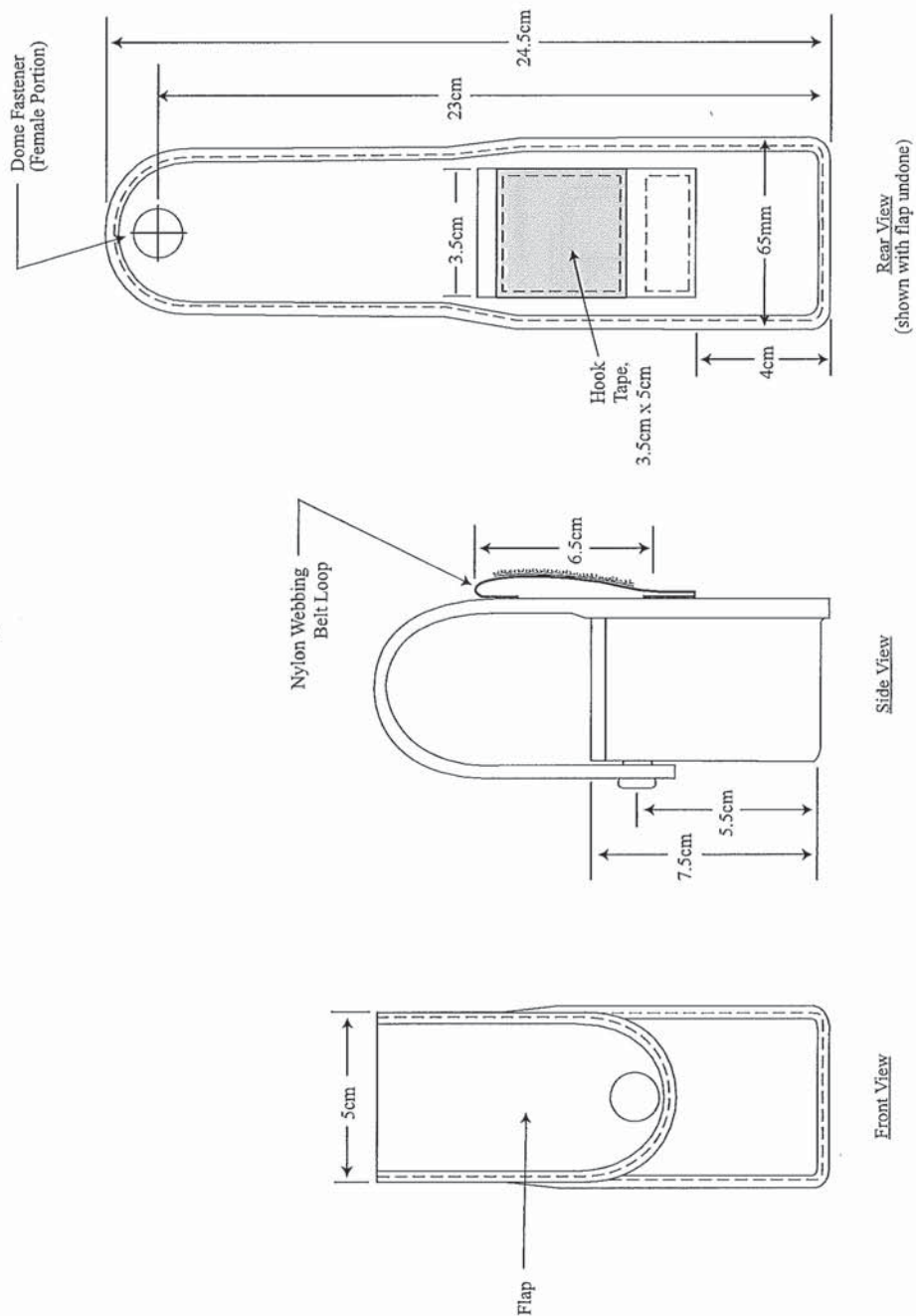
Top View

NOT TO SCALE

Dwg. 5

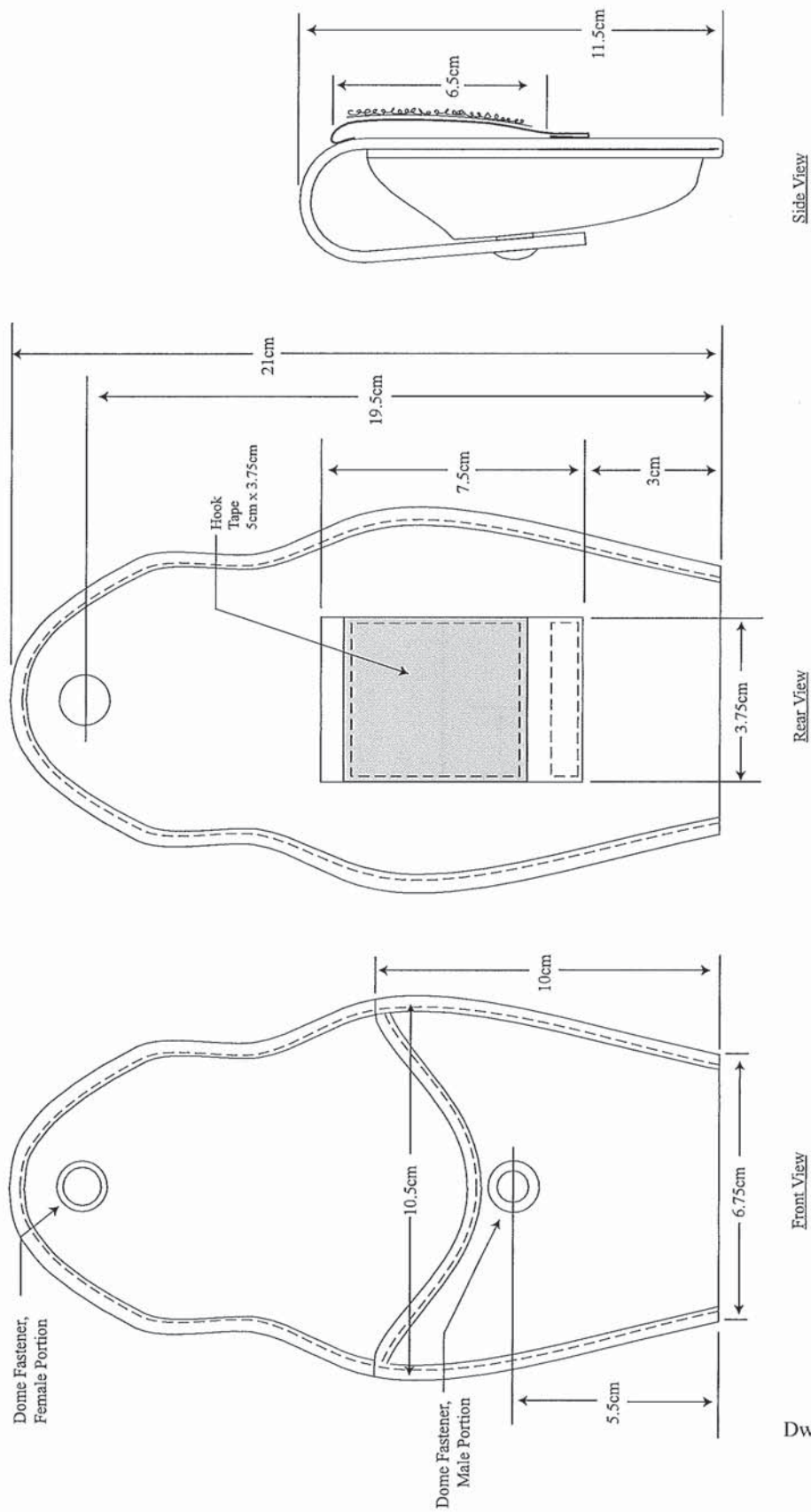
BELT, DUTY, NYLON
Holder, Defensive Spray

Dwg. 6



Dwg. 6

NOT TO SCALE



Dwg. 7

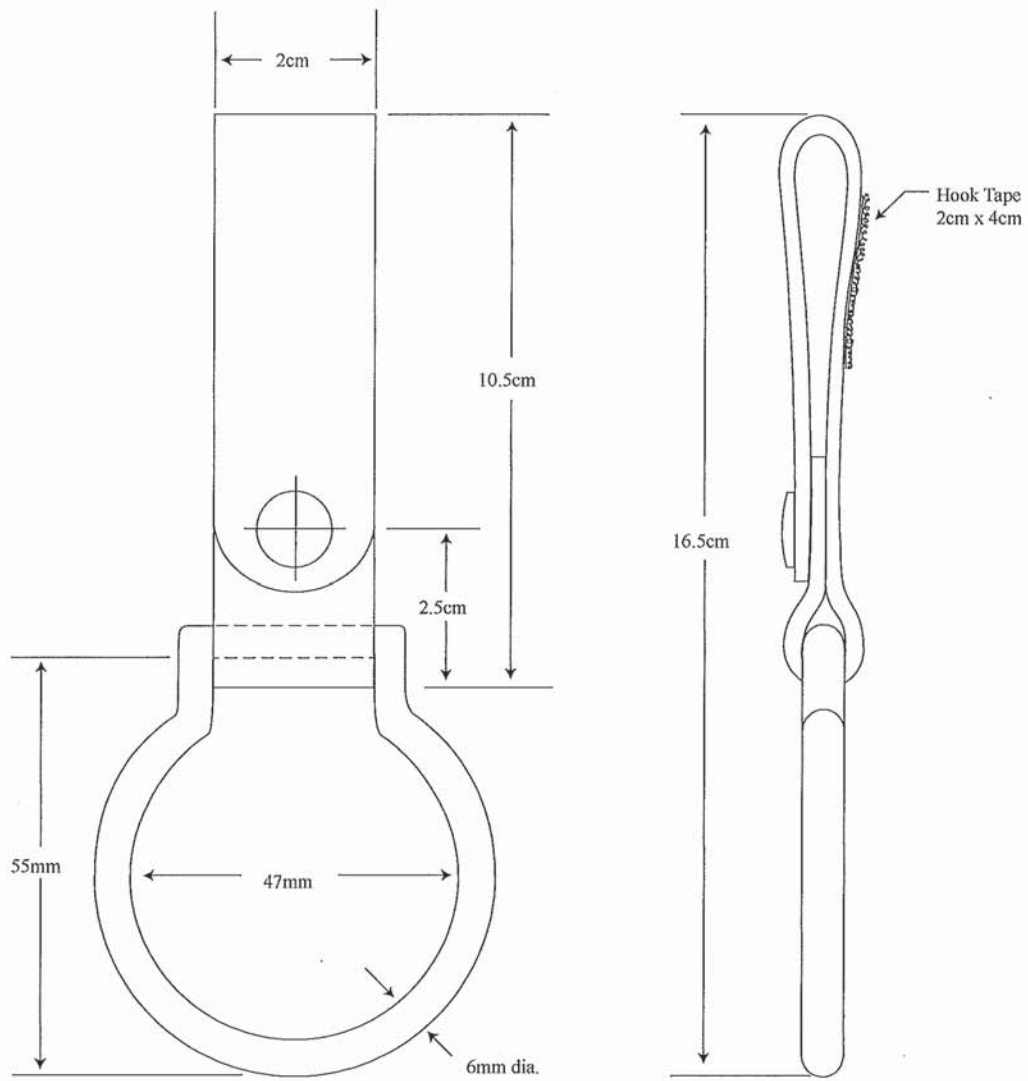
NOT TO SCALE

BELT, DUTY, NYLON

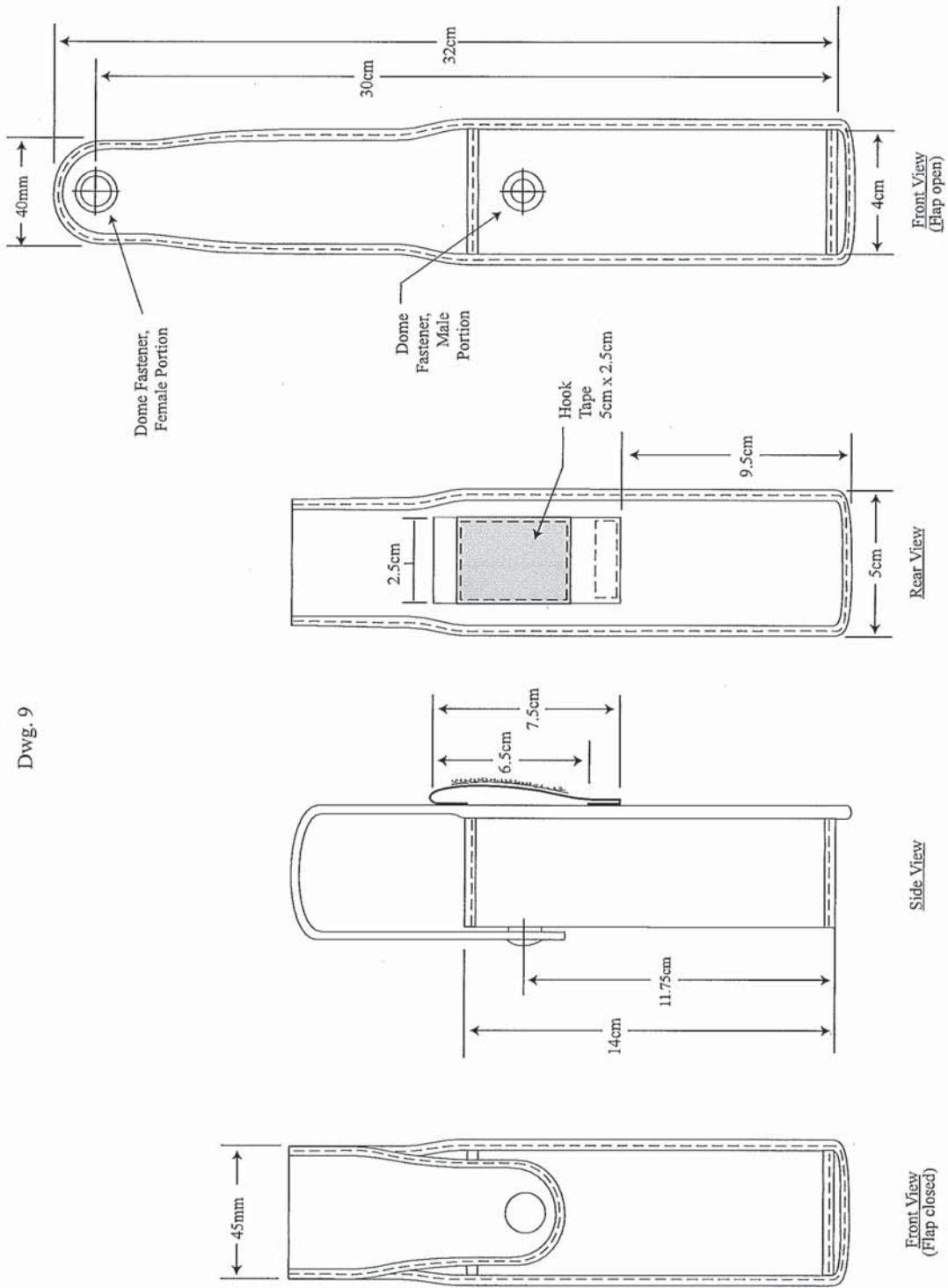
G.S.1045-336

Ring, Flashlight

Dwg. 8



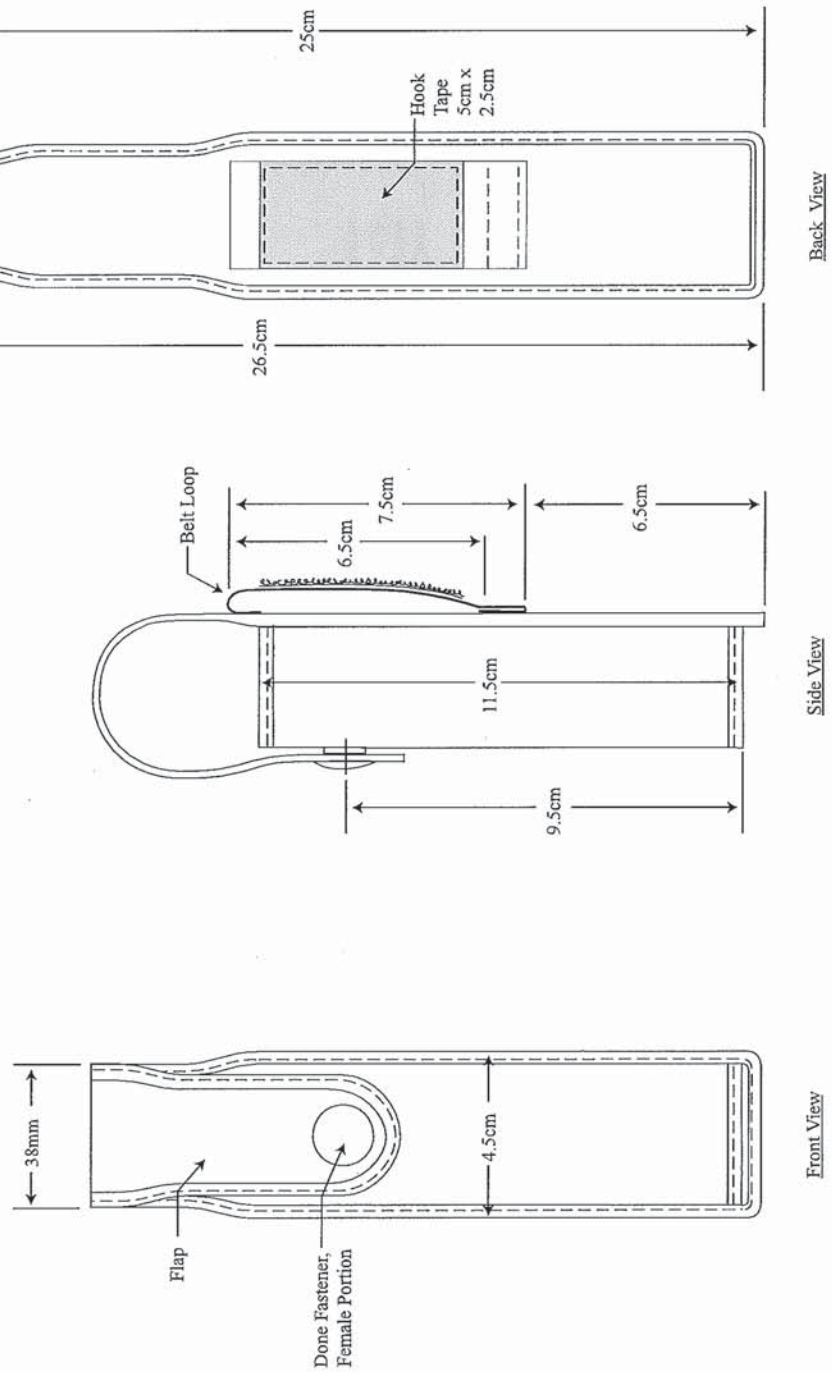
Ring, Flashlight
Front and Side Views



NOT TO SCALE

BELT, DUTY, NYLON
Holder, Mini-Flashlight

Dwg. 10



NOT TO SCALE