FORMATO DE CERTIFICADO PARA ACREDITAR ESPECIFICACIONES TÉCNICAS

Bogota junio 15 de 2023

Señores
MINISTERIO DE DEFENSA NACIONAL – FUERZA AÉREA COLOMBIANA – COMANDO AÉREO DE COMBATE No. 5
Rionegro-Antioquia

Referencia: Proceso de Contratación No. 032-00-H-CACOM5-OFSOP-2023

Yo, **EDGAR TITO DIAZ MORALES,** en mi condición de Representante Legal de **EQUYSEG SAS,** declaro y acepto conocer íntegramente el contenido de todas y cada una de las especificaciones técnicas, así como de las **ESPECIFICACIONES TÉCNICAS MÍNIMAS REQUERIDAS** detalladas en la invitación pública, que rige el proceso de selección No. 032-00-H-CACOM5-OFSOP-2023 y contenidos en el estudio previo.

De igual manera, manifiesto haber efectuado en forma personal, un análisis detallado, minucioso y exhaustivo de las especificaciones técnicas contenidas en el estudio previo, **lo que indica expresamente, que bajo ningún motivo me exonero de la responsabilidad que me acude a su cumplimiento**.

Con la suscripción del presente Anexo, en forma voluntaria e irrevocable, **ACEPTO** las especificaciones técnicas mínimas requeridas planteadas por **MINISTERIO DE DEFENSA NACIONAL – FUERZA AÉREA COLOMBIANA –** COMANDO AÉREO DE COMBATE No. 5**,** en el anexo técnico y especificaciones técnicas establecidas y demás que puedan surgir a partir de las diferentes adendas generadas en desarrollo del proceso; en consecuencia, **ME COMPROMETO A DARLES ESTRICTO CUMPLIMIENTO.**

DESCRIPCIÓN	ACEPTACIÓN EXPRESA
ESPECIFICACIONES TÉCNICAS DETALLADAS EN EL ESTUDIO PREVIO DEL PROCESO DE SELECCIÓN NO. 032-00-H-CACOM5-OFSOP-2023, CUYO OBJETO ES: COMPRA DE ELEMENTOS DE DOTACIÓN PARA LA SECCIÓN DE BOMBEROS AERONÁUTICOS DEL CACOM-5	**SI ACEPTO LAS ESPECIFICACIONES TÉCNICAS, ASÍ COMO EL PLAZO Y LUGAR DE EJECUCIÓN**

RUBRO 02-01-01-004-004-02 REC. 10 MAQUINAS HERRAMIENTAS Y SUS PARTES Y PIEZAS Y ACCESORIOS – UNA (1) LLAVE AJUSTABLE PARA HIDRANTE, CON

CABEZA PENTAGONAL Y CUADRADA, CUERPO EN ALUMINIO ANODIZADO, por valor de un millón ciento noventa mil pesos MCTE ($1.190.000,00)

LLAVE AJUSTABLE PARA HIDRANTE, CON CABEZA PENTAGONAL Y CUADRADA, CUERPO EN ALUMINIO ANODIZADO. Herramienta diseñada para el manejo de acoples de manguera (conexiones de manguera e hidrantes). Está diseñada para apoyar el ajuste y desajuste de los acoples de manguera de 1 1/2″ a 4″.



RUBRO 02-01-01-004-004-02 REC. 10 MAQUINAS HERRAMIENTAS Y SUS PARTES Y PIEZAS Y ACCESORIOS- UNA (1) LLAVE SPANNER UNIVERSAL, por valor de un millón ciento noventa mil pesos MCTE ($1.190.000,00)

LLAVE SPANNER UNIVERSAL herramienta diseñada para el manejo de acoples de manguera (conexiones de manguera e hidrantes). Está diseñada para apoyar el ajuste y desajuste de los acoples de manguera de 1 1/2″ a 4″.



RUBRO 02-02-01-004-002 REC. 10 ADA-Productos metálicos elaborados (excepto maquinaria y equipo) – UNA (1) BOQUILLA C/PISTOLA 1 1/2" NH(30-125-GPM), por un valor de dos millones novecientos setenta y cinco mil pesos MCTE ($2.975.000,00)

BOQUILLA C/PISTOLA 1 1/2" NH(30-125-GPM) con válvula de bola, galonaje seleccionable, de 30-60-95 o 125 GPM @ 100 PSI, con dientes giratorios, Certificada FM, cuerpo en aluminio anodizado.



RUBRO 02-01-01-004-004-02 REC.10 MAQUINAS HERRAMIENTAS Y SUS PARTES Y PIEZAS Y ACCESORIOS – UNA (1) BARRA HALLIGAN 36° ACERO AL CARBÓN, por valor de dos millones trescientos ochenta mil pesos MCTE ($2.380.000,00)

BARRA HALLIGAN 36° ACERO AL CARBÓN Diseño especial para maniobras de rescate vehicular y/o cuerpos de bomberos, fabricada en acero inoxidable, peso 6kg, largo 90cm.



RUBRO 02-02-01-004-002 REC.10 PRODUCTOS METALICOS ELABORADOS (EXCEPTO MAQUINARIA Y EQUIPO) – UNA (1) BIFURCACIÓN CON ENTRADA DE 2 1/2" NH Y DOS SALIDAS DE 1 1/2" NH, EN ALEACIÓN DE ALUMINIO ANODIZADO PARA CONECTAR MANGUERAS CONTRA INCENDIO, por valor de un millón setecientos ochenta y cinco mil pesos MCTE ($1.785.000,00).

BIFURCACIÓN CON ENTRADA DE 2 1/2" NH Y DOS SALIDAS DE 1 1/2" NH, en aleación de aluminio anodizado para conectar mangueras contra incendio.



RUBRO 02-02-01-003-006-03 REC.10 SEMIMANUFACTURAS DE PLASTICO – UNA (1) MANGUERAS PARA BOMBEROS DE DOBLE CHAQUETA DE COLOR BLANCO, CON ACOPLES EN ALUMINIO DE 2 ½"″ NH, 100 PIES (30 METROS) DE LARGO, por valor de cuatro millones setecientos sesenta mil pesos MCTE ($4.760.000,00)

Fuerte, compacta y práctica, la manguera doble chaqueta color blanco, con acoples en aluminio de 2 ½"″ NH, 100 PIES (30 METROS) DE LARGO tiene una presión de trabajo de **300 PSI y de rotura de 900 PSI**. Sus aplicaciones son para combatir **incendios industriales** o para brigadas.



Para constancia de lo anterior, se firma el presente documento en original, a los 15 días del mes de junio de 2023.

Atentamente,

Firma
Nombre: **EDGAR TITO DIAZ MORALES**
Cargo: Representante Legal
Documento de Identidad: 19,431.423 de Bogota



PU Lining Hose
color:

Rack-U, Sintack-U

Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave.

Lining: Polyurethene (PU) tube

Application: Rack hose, Cabinet Hose, Premium solution.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I.D.		Service Pressure	Minimum Burst Pressure
inch	mm	psi/bar	psi/bar
1 1/2"	40	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
1 3/4"	45	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2"	50	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2 1/2"	65	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51



EPDM Lining Hose
color:

Rack-D, Sintack-D

Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave.

Lining: EPDM rubber tube, vulcanized twice

Application: Industrial Fire Fighting, Fire hose for brigade, Premium Solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I.D.		Service Pressure	Minimum Burst Pressure
inch	mm	psi/bar	psi/bar
1 1/4"	32	150/10, 200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 1/2"	40	150/10, 200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 3/4"	45	150/10, 200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2"	50	150/10, 200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 1/2"	65	150/10, 200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 3/4"	70	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
3"	75	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

*All above technical parameters are for reference, details please confirm with ZYfire.

Attack Hose



PU Lining Hose

color:

Twintack-U

Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave. High Performance in abrasion resistance.

Lining: PU tube

Application: Industrial Fire Fighting, Fire hose for brigade, Premium solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I.D.		Service Pressure	Minimum Burst Pressure
inch	mm	psi/bar	psi/bar
1 1/4"	32	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
1 1/2"	38	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
1 3/4"	45	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2"	50	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2 1/2"	65	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2 3/4"	70	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
3"	75	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
4"	102	300/21	900/63
6"	152	300/21	900/63



EPDM Lining Hose

color:

Twintack-D

Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave. High performance in abrasion resistance.

Lining: EPDM rubber tube

Application: Industrial Fire Fighting, Fire hose for brigade, Premium solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I.D.		Service Pressure	Minimum Burst Pressure
inch	mm	psi/bar	psi/bar
1 1/4"	32	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
1 1/2"	38	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
1 3/4"	45	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2"	50	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2 1/2"	65	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2 3/4"	70	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
3"	75	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
4"	102	300/21	900/63
5"	127	300/21	900/63
6"	152	300/21	900/63

*All above technical parameters are for reference, details please confirm with ZYfire.

Attack Hose



Nitrile Rubber Covered Hose

color:

Lexus Hose

Reinforcement: Synthetic yarn

Cover and Tube: Nitrile/TPR blend tube, thin rib on cover provides better performance in abrasion resistance.

Application: Large diameter hose for water supply, Municipal, Industrial Fire Fighting, Premium Solution.

I.D.		Service Pressure	Minimum Burst Pressure
inch	mm	psi/bar	psi/bar
1 1/4"	32	200/14, 220/15, 250/17, 300/21, 400/28	600/42, 660/45, 750/51, 900/63, 1200/84
1 1/2"	38	200/14, 220/15, 250/17, 300/21, 400/28	600/42, 660/45, 750/51, 900/63, 1200/84
1 3/4"	45	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
2"	51	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
2 1/2"	65	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
2 3/4"	70	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
3"	78	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
4"	102	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
4 1/2"	115	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
5"	127	120/8, 150/10, 200/14	360/24, 450/30, 600/42
5 1/2"	140	120/8, 150/10, 200/14	360/24, 450/30, 600/42
6"	154	120/8, 150/10, 200/14	360/24, 450/30, 600/42
7 1/4"	184	120/8, 150/10	360/24, 450/30
8"	204	120/8, 150/10	360/24, 450/30
10"	254	120/8	360/24
12"	306	120/8	360/24





*All above technical parameters are for reference, details please confirm with ZYfire.

TASK FORCE TIPS
FIRE FIGHTING EQUIPMENT

www.tft.com
3701 Innovation Way
Valparaiso IN 46383-9327
800-348-2686

A3800

Task Force Tips © 2013

ADJUSTABLE HYDRANT WRENCH

Part No: **A3800**

Material	Aluminum Alloy

Related Videos

- TFT Tools

Online Technical Support Material

- RES-Q-RENCH - Fire & Rescue Magazine Article
- Res-Q-Me Personal Rescue Tool
- Res-Q-Rench Brochure



Details

ADJUSTABLE HYDRANT WRENCH
Adjustable to open any hydrant with pentagon and square heads. Features dual spanner claws that can be used on virtually any Storz, rocker lug or long handled fire hose coupling from 1" (25mm) up to 6" (152mm) diameter. Made out of aluminum alloy throughout. Rugged handle grip is hardcoat anodized and permanently secured to both wrench ends.

Weight: 2.500 lbs (1.133 kg)

PRODUCT SERIES OVERVIEW

• TFT offers exclusive personal tools such as the Res-Q-Me, a seat belt cutter and window punch designed to be kept on a key ring, the Res-Q-Rench which incorporates a spanner wrench, gas and O2 shutoff along with a seat belt cutter and window punch, and the unique Hose Hook for managing rolls of hose easily and safely. All of these personal tools are manufactured from high strength, light weight DuPont Zytel polymers and easily fit on a key ring, in bunker pants pocket or in a nearby apparatus compartment.

• An exclusive Spanner design allows the wrench to be adjusted to fit the locking mechanism of most Storz couplings, making coupling and uncoupling hose a simple single person operation. TFT's lightweight hydrant wrench easily adjust to either four or five sided hydrant valves, as well as fitting all rocker lug or storz hose couplings and caps.

• Picking up LDH hose could never be easier when using the unique Hose Roller. Easily and safely operated by two firefighters, LDH hose is easily drained of water and air for rapid repacking.

Task Force Tips ® is a registered trademark of Task Force Tips, Inc.
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TASK FORCE TIPS
FIRE FIGHTING EQUIPMENT

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3701 Innovation Way
Valparaiso IN 46383-9327
800-348-2686

FQS125PS

QUADRAFOG W/GRIP 1.5" NH (38mm)

Part No: **FQS125PS**



Details

QUADRAFOG W/GRIP 1.5" NH (38mm)
Selectable gallonage nozzle with four flow settings of 30, 60, 95, and 125 gpm @ 100 psi (110-230-360-470 l/min @ 7bar). All lightweight materials, hardcoat anodized aluminum. Flush without shutting down. Quick-change rear valve seat and stainless steel shut-off ball. Pistol grip is mounted below the valve. Rocker lug 1.5" NH swivel is standard.

Flow Control Method	Selectable Flow at a pressure (constant gallonage, flow does not change with pattern)
Flow Rate	30 & 60 & 95 & 125 gpm (110 & 230 & 360 & 470 l/min)
Coupling Size (Nozzles)	1.5 inch (38mm)
Coupling Style (Nozzles)	Rocker
Coupling Swiveling/Rigid (Nozzles)	Swivel (non-full time, no swivel after tightening)
Pressure	100 psi (7bar)
Nozzle Body Style	Nozzle with shutoff and pistol grip
Valve Design	Ball Valve (Stainless)
Valve Actuation Method	Horseshoe (Injection Molded Nylon w/ Colored Handle)
Fog Pattern Method	stainless steel teeth (spinning)
Nozzle Bumper Material	Rubber - bonded
Certifications	NFPA/FM
Foam Expansion Performance	N/A

Online Videos

- Pistol Grip Replacement
- Bail Handle and Valve Seat Ball Valve
- QuadraFog Series Video

Online Technical Support Material

- Manual de Instruções ThunderFog & QuadraFog
- 795
- 796
- QuadraFog & ThunderFog Demo Sheet
- QuadraFog Selectable Gallonage Nozzle NFPA Cert
- QuadraFog 125 Selectable Nozzles (Russian)
- Service Procedure: 1.5" QuadraFog & Metro 1.5"
- ThunderFog/QuadraFog/QuadraCup Instructions(small)
- QuadraFog FM Certificate
- QuadraFog & ThunderFog Instruction Manual

PRODUCT SERIES OVERVIEW

- The Quadrafog Series of selectable gallonage 1 in and 1.5 in nozzles are designed for simple operation and rugged durability in wildland or structural firefighting operations. Available in tip only configurations or with a stainless steel ball shutoff and optional color coded nylon pistol grip, these series incorporate lightweight aluminum construction, reflective labeling, and stainless steel components with a protective front rubber bumper.

- The 1 in Quadrafog Series, with its fixed cut fog tooth pattern is ideal for wildfire operations or booster line operations. The 1.5in Quadrafog Series are available with either TFTs uniquely cut style of fixed fog teeth, or our popular stainless steel spinning teeth to provide a wide protective fog pattern. All models also accept either a low or multi-expansion foam aspiration attachment.

- All Quadrafog Series ball shutoff models offer TFTs unique quick change rear valve seat that requires no special tools or disassembly of the valve to change the rear seat assembly. The shut off handle can be color coded, laser engraved, and is produced from nylon to withstands harsh operation conditions without breaking or bending.

(Traducción simple)

TFT

FQS125PS

QUADRAFOG W/MANGO 1.5” NH (38 mm)

Método de control de flujo: Flujo seleccionable en una presión (galonaje constante, el flujo no cambia con el cambio del chorro)
Rata de flujo: 30 & 60 & 95 & 125 & GPM (110 & 230 & 360 & 470 l/m)
Tamaño de acople: 1 ½” de pulgada (38 mm)
Estilo de acople: “Rocker”
Tipo de acople: Giratorio (hasta después de ser acoplado)
Presión: 100 PSI
Estilo de cuerpo: Boquilla con válvula de cierre y mango pistola
Diseño de válvula: Válvula de bola (Acero inoxidable)
Método de actuación de la válvula: Inyección de Nylon con mango de color
Método de chorro neblina: Dientes giratorios en acero inoxidable
Material del Bumper: Caucho
Certificaciones: NFPA / FM
Desempeño de expansión de espuma: NA



Detalles

- Quadrafog con mango tipo pistola 1 ½” NH (38 mm)
- Boquilla de galonaje seleccionable con cuatro opciones de caudal 30, 60, 95, 125 gpm @ 100 PSI. (110-230-360-470 l/min@7 bar) Todos los componentes son livianos, en aluminio anodizado. Sistema de limpieza “Flush” sin cerrar la boquilla. Empaque trasero de cambio rápido y válvula de bola en acero inoxidable. El mango tipo pistola está instalado debajo de la válvula. Entrada de 1 ½” rosca NH con acople giratorio como estándar.

Descripción de la Serie del producto

- Las boquillas de la serie Quadrafog con galonaje seleccionable de 1 y 1 ½”, están diseñadas para una operación sencilla y alta durabilidad en operaciones contra incendio, estructurales e industriales. Disponible, solo la boquilla o con válvula en acero inoxidable i color opcional para el mango de la válvula y el mango pistola, esta serie de boquillas está fabricada en aluminio liviano, con etiquetas reflexivas y componentes en acero inoxidable con un bumper frontal de proteccion, en caucho.
- La serie Quadrafog 1 está disponible con su patrón de dientes de corte fija la niebla es ideal para las operaciones de incendios forestales o las operaciones de refuerzo de la línea. El QuadraFog 1.5 in Serie están disponibles con TFT única corte estilo de los dientes de niebla fija, o nuestro acero inoxidable populares girar los dientes para proporcionar una amplia gama de patrón de niebla de protección. Todos los modelos también aceptar un archivo adjunto de espuma de aspiración baja o varios de expansión.
- Todos los modelos con válvula de la serie Quadrafog de TFT, ofrecen el único empaque trasero de cambio rápido que no requiere ninguna herramienta o desensamble de la válvula. El mango de la válvula puede venir en diferentes colores, marcado con Laser y está fabricado en nylon para condiciones de operaciones severas que no le permite romperse o doblarse.

FM APPROVED

Certificate of Compliance

Fire Hose Nozzles

This certificate is issued for the following equipment:

QuadraFog Series Fire Hose Nozzles

Selectable gallonage type, 30, 60, 95, and 125 gpm (110, 230, 360, and 470 Lpm)
Rated service pressure of 100 psi (7 bar)
Aluminum construction
1.5, 1.75, 2.0, 2.5, or 3.0 in. (38, 44, 52, 65, or 75 mm) water inlet connection

A complete list of models is included in the latest edition of the FM Approvals Fire Protection Approval Guide

Manufactured by:

Task Force Tips, Inc.
2800 East Evans Avenue
Valparaiso, IN 46383-6940

FM Approvals confirms that the items have been found to comply with the following standard:

FM Approvals Standard 5511, June 2005

Project Identifier: 3028839

Date of Approval: September 12, 2007

Richard B. Dunne

Richard Dunne, Group Manager
FM Approvals – Hydraulics Group

9/12/07
Date

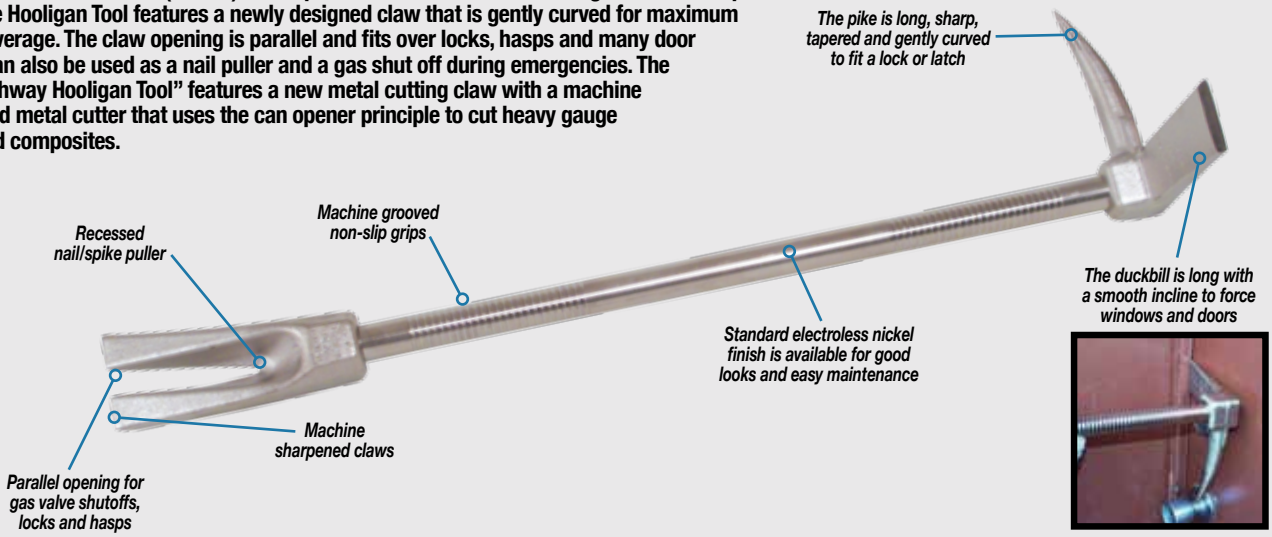
FM Approvals℠

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Hooligan Tool

The Hooligan Tool is one of the world´s most popular forcible entry tools. These heavy-duty tools were designed to pound, puncture, pry, twist, and cut all types of barriers encountered by emergency service personnel. The head and claw are forged from high alloy steel, heat treated for maximum strength, then fitted to a 1" (2.5 cm) stress proof bar. The bar has machine grooved non-slip grips. The Hooligan Tool features a newly designed claw that is gently curved for maximum prying leverage. The claw opening is parallel and fits over locks, hasps and many door bars. It can also be used as a nail puller and a gas shut off during emergencies. The new "Highway Hooligan Tool" features a new metal cutting claw with a machine sharpened metal cutter that uses the can opener principle to cut heavy gauge metal and composites.

Recommended users:
Fire departments, law enforcement agencies, rescue squads, hazmat teams, plant/refinery maintenance crews, military and public utilities.



- ***Standard Claw:*** *Parallel opening for gas valve shutoffs, locks and hasps. Machine sharpened claws. Recessed nail puller. Claw radius for prying leverage.*





- ***Metal Cutting Claw:*** *Combines the capability of prying and metal cutting. Machine sharpened metal cutter uses can opener principle to cut heavy gauge metal and composites.*



Hooligan Tool Standard Claw with Electroless Nickel Finish



Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000599	24 in / 61.0 cm Hooligan Tool		24.0	61.0		9.2	4.2
22-000600	30 in / 76.2 cm Hooligan Tool (pictured)		30.0	76.2		10.6	4.8
22-000601	36 in / 91.4 cm Hooligan Tool		36.0	91.4		11.9	5.4
22-000602	42 in / 106.7 cm Hooligan Tool		42.0	106.7		13.2	6.0

Hooligan Tool Lightweight Aluminum Handle and Standard Claw with Electroless Nickel Finish



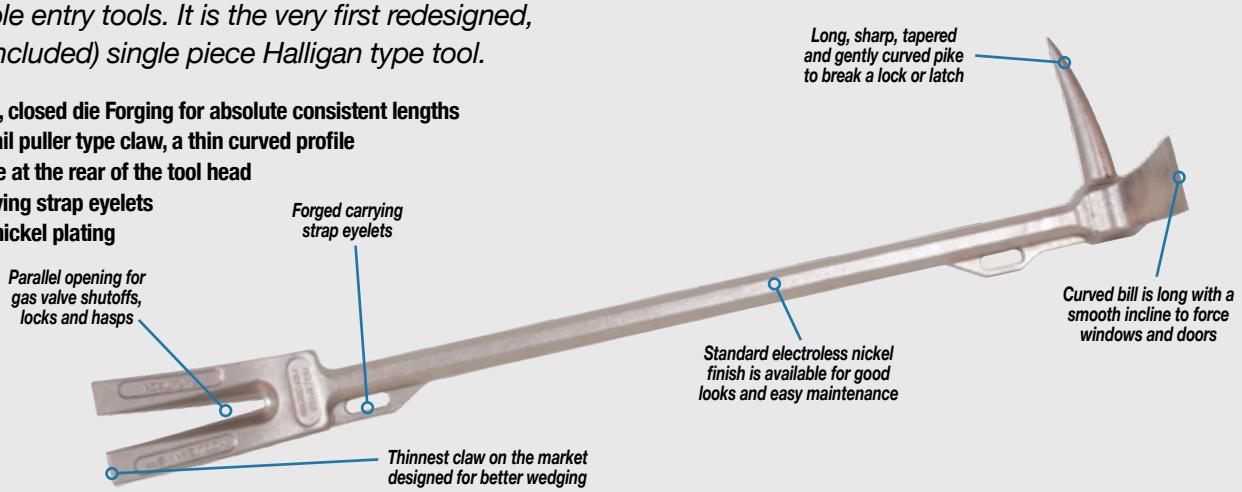
Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000424	24 in / 61.0 cm Hooligan Tool - Lightweight (pictured)		24.0	61.0		6.8	3.1
22-000430	30 in / 76.2 cm Hooligan Tool - Lightweight		30.0	76.2		7.3	3.3

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CERTIFICATE NO. ISO9001:2008

SPF Hooligan

The SPF Hooligan is a single piece forged (SPF) tool intended to exceed FDNY specifications for their primary hand held forcible entry tools. It is the very first redesigned, (features included) single piece Halligan type tool.

- **Single Piece, closed die Forging for absolute consistent lengths**
- **Recessed nail puller type claw, a thin curved profile**
- **Cable groove at the rear of the tool head**
- **Forged carrying strap eyelets**
- **Electroless nickel plating**



Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000680	30 in / 76.2 cm SPF Hooligan		30.0	76.2		9.7	4.4

Highway Hooligan with Metal Cutting Claw with Electroless Nickel Finish



Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000622	30 in / 76.2 cm Highway Hooligan Tool		30.0	76.2		10.6	4.8
22-000623	36 in / 91.4 cm Highway Hooligan Tool (pictured)		36.0	91.4		11.9	5.4
22-000624	42 in / 106.7 cm Highway Hooligan Tool		42.0	106.7		13.3	6.0

Designed for emergency service personnel operating in the presence of hazardous vapors and combustible residues, this Hooligan is an important addition to your HazMat tool arsenal. The head and claw are manufactured entirely from spark resistant AMPCOLOY 45.

Hooligan - Spark Resistant Standard Claw and Metal Cutting Claw



Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-891600	30 in / 76.2 cm Spark Resistant - Standard Claw		30.0	76.2		7.2	3.3
22-891622	30 in / 76.2 cm Spark Resistant - Metal Cutting Claw (pictured)		30.0	76.2		7.1	3.2

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TASK FORCE TIPS
FIRE FIGHTING EQUIPMENT

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AYNJ-NF

GATED WYE 2.5" NH X 1.5" NH (65mm x 38mm) OUTLETS

Part No: **AYNJ-NF**



Water Flow Style	Gated Wye
Coupling Size Side A	2.5 inch (65mm)
Coupling Style Side A	Rocker
Coupling Swiveling/Rigid Side A	Swivel (non-full time, no swivel after tightening)
Coupling Size Side B	1 1/2 inch (38mm)
Coupling Style Side B	Male Threads
Coupling Swiveling/Rigid Side B	Rigid

Related Videos

- LDH Equipment
- How to Replace Storz Locking Levers on TFT Storz

Online Technical Support Material

- Gated Wye Specs & Parts List
- Jumbo Siamese & Jumbo Wye Manual
- Gated & Standpipe Wye (2.5inch x 1.5inch)

Details

GATED WYE 2.5" NH X 1.5" NH (65mm x 38mm) OUTLETS
2.5" (65mm) female swivel inlet x two 1.5" (38mm) male outlets. Quarter-turn aluminum ball valves provide a positive shutoff. Full flow 1.5" (38mm) ball waterway. Rugged lightweight aluminum alloy casting with durable powder coat finish inside and out, anodized couplings, and super tough nylon folding handles. NH thread is standard. 2.5" NH female swivel rocker lug inlet coupling.

PRODUCT SERIES OVERVIEW

• The Water Thief incorporates TFT's unique aluminum half-ball design providing up to 500gpm efficiently through its single valved 2 ½" discharge and provides a full 2" waterway through the dual valved 1 ½" discharges. Color coded super tough nylon folding handles are standard and these lightweight hard anodized and powder coated appliances can be ordered with your choice of inlet and outlet couplings.

• The Jumbo Wye and Siamese incorporates TFT's unique aluminum half-ball design providing up to 500gpm efficiently through its dual valved 2 ½" discharges. Color coded super tough nylon folding handles are standard and these lightweight hard anodized and powder coated appliances can be ordered with your choice of inlet and outlet couplings.

• The Hydrant Ball or Gate Valves and Gated Wyes are the ideal choices for high flow, compact appliances. Color coded super tough nylon folding handles are standard and these lightweight hard anodized and powder coated appliances can be ordered with your choice of 2 ½" inlet and 2 ½" or 1 ½"outlet couplings. The highrise gated wye also includes an integrated pressure gauge for additional information during standpipe operations.

(Traducción simple)

TASK FORCE TIPS
Equipo para combate de incendios
AYNJ-NF
SIAMESA DE COMPUERTA 2.5 "NH x 1.5" NH (65mm x 38mm) 2 SALIDAS
No. parte: AYNJ-NF



Estilo Flujo de agua: Siamesa Compuerta
Tamaño de acoplamiento lado A: 2,5 pulgadas (65mm)
Estilo de acoplamiento Lado A: Rocker
Acoplamiento giratorio/rígido Lado A: Giratorio (no a tiempo completo, no giratorio después apretar)
Tamaño de acoplamiento lado B :1.1/2” pulgadas (38mm)
Estilo acoplamiento Lado B: rosca Macho
Acoplamiento giratorio / rígido Lateral B: Rigido

DETALLES

SIAMESA DE COMPUERTA 2.5 "X NH 1.5" NH (65mm x 38mm) SALIDAS
2.5 "(65mm) entrada hembra giratoria x 1,5" (38mm) dos salidas macho. Válvulas de bola de un cuarto de vuelta de aluminio proporcionan un cierre positivo. Flujo total de 1,5" (38mm).
Resistente de aleación de aluminio ligero y fundición con acabado con pintura en polvo dentro y por fuera, anodizado en acoplamientos y mangos plegables súper resistente en nylon rosca NH hilo es estándar. 2.5 "NH rocker lug giratorio hembra acoplamiento de entrada.

DESCRIPCION DE LA SERIE DE PRODUCTOS

El ladrón de agua incorpora el exclusivo diseño TFT de aluminio de media bola que proporciona hasta 500 gpm eficientemente a través de su única válvula de 2 ½ " descarga y proporciona un total de 2 " a través del canal de descarga doble de válvulas de 1 ½". Un código de colores en manijas plegables de nylon son estándar y esta siamesa es liviana anodizada con recubrimiento de polvo se pueden pedir con la opción de entrada y salida de los acoplamientos.

Las válvulas de compuerta cerradas son las opciones ideales para un flujo alto y compacto. Un código de colores en manijas plegables de nylon son estándar y esta siamesa es liviana anodizada con recubrimiento de polvo se pueden pedir con la opción de entrada y salida de los acoplamientos y se puede pedir con su selección de 2 ½ "de entrada y 2 ½ "o 1 ½" de salida en acoplamientos. También incluye un manómetro integrado para obtener información adicional durante el tubo vertical en las operaciones.

TASK FORCE TIPS
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A3813

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UNIVERSAL SPANNER WRENCH

Part No: **A3813**

See our on-line catalog for more details



Details

UNIVERSAL SPANNER WRENCH
For any style or size coupling from 1 ¼" to 4". Made of tough lightweight cast aluminum. Features include pin detail, window jimmy, gas cock slot, hammer head and hanger loop.

Weight: 0.500 lbs (kg)

PRODUCT SERIES OVERVIEW

- TFT offers exclusive personal tools such as the Res-Q-Me, a seat belt cutter and window punch designed to be kept on a key ring, the Res-Q-Rench which incorporates a spanner wrench, gas and O2 shutoff along with a seat belt cutter and window punch, and the unique Hose Hook for managing rolls of hose easily and safely. All of these personal tools are manufactured from high strength, light weight DuPont Zytel polymers and easily fit on a key ring, in bunker pants pocket or in a nearby apparatus compartment.

- An exclusive Spanner design allows the wrench to be adjusted to fit the locking mechanism of most Storz couplings, making coupling and uncoupling hose a simple single person operation. TFT's lightweight hydrant wrench easily adjust to either four or five sided hydrant valves, as well as fitting all rocker lug or storz hose couplings and caps.

- Picking up LDH hose could never be easier when using the unique Hose Roller. Easily and safely operated by two firefighters, LDH hose is easily drained of water and air for rapid repacking.

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