

FIRE HOSE NOZZLES & WRENCHES

See Valve Section for Fire Hydrant & Forestry Valves

We sell a variety of fire hose coupling wrenches to suit various coupling & hydrant designs.

Part Number	Thread Size	PRICE EACH
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G97B... BRASS FOG NOZZLE



G97B-150	1½" Pipe (NPSH)	\$ 47.70
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G97... RED PLASTIC FOG NOZZLE



G97-075	¾" Pipe (NPSH)	\$ 26.50
G97-100	1" Pipe (NPSH)	26.50
G97-150	1½" Pipe (NPSH)-ULC listed	19.80
G97E-150	Red non-ULC Economy	14.50
G97-200	2" Pipe (NPSH)	99.00
G97-GHT	Garden hose thread	18.40
G97G-150	1½" Replacement gasket	1.25

G37... SOLID BRASS TAPERED NOZZLE

NOTE: For additional wash down nozzles with garden hose threads, see the Accessory Section of this catalog.



G37-075	¾" Pipe (NPSH)	\$ 10.90
G37-100	1" Pipe (NPSH)	14.70
G37-125	1¼" Pipe (NPSH)	32.00
G37-150	1½" Pipe (NPSH)	39.00
G37-200	2" Pipe (NPSH)	45.70
G37-GHT	Garden hose thread	10.90

G37P... RED PLASTIC TAPERED NOZZLE



G37P-150	1½" Pipe (NPSH)	\$ 12.50
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G97B-GHT... BRASS TWIST NOZZLE

This very compact nozzle is typically used for forest fire mop-up along with our small diameter garden hose threaded fire hoses.

G97B-GHT		9.50
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NEW



Part Number	Thread Size	PRICE EACH
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G84... STANDARD WRENCH



		\$ 30.70
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G84A... ALBERTA WRENCH



		53.40
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G84C... CALGARY WRENCH



		37.30
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G84E... EDMONTON HYDRANT WRENCH



		53.40
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G84SZ... STORZ COUPLING WRENCH



		13.80
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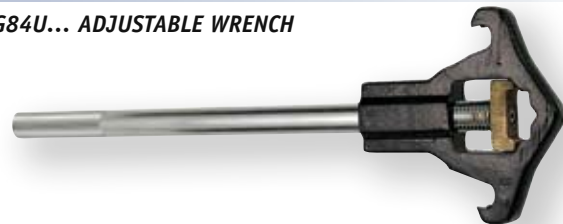
G84SZ-300... 3" STORZ COUPLING WRENCH



		56.10
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Why take a chance that your hydrant wrench won't work at a critical moment. Our Premium G84U universal adjustable wrench has a double spanner head and handles pentagonal hydrant heads to 1⅞" and square heads to 1½". The spanner head works with both rocker and pin lug couplings, and the tough manganese-bronze jaw is replaceable. The chrome plated steel handle is 18" long for extra torque.

G84U... ADJUSTABLE WRENCH



		104.00
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Instantaneous fittings are brass or aluminum couplings designed for use in forest fire fighting. Since ends are interchangeable (there are no male or female hose ends) and connections are made with a simple quarter-turn, multiple hoses can be laid out and joined quickly. Aluminum hose fittings have the advantage of light weight, while brass hose fittings are stronger and more resistant to cracking during installation.

All our couplings come complete with expansion rings, however we also offer replacement rings so that couplings can be reused.

Part Number	Hose Size	Bowl Size	PRICE EACH		Pkg Qty
			Loose	Std Pkg	

G85... INSTANTANEOUS HOSE FITTING



G85B-150-169	1 1/2"	1 11/16" Brass	\$ 21.20	\$ 19.40	10
G85-150-169	1 1/2"	1 11/16" Aluminum	11.00	10.00	10

G86... INSTANTANEOUS MALE PIPE ADAPTER



	Pipe Size				
G86-100	1"		\$ 17.10	\$ 15.30	5
G86-150	1 1/2"		8.00	6.90	5

G87... INSTANTANEOUS FEMALE PIPE ADAPTER



G87-100	1" NPT		\$ 17.20	\$ 15.50	5
G87-150	1 1/2" NPT		8.00	6.90	5
G87S-150	1 1/2" NPSH *		8.00	6.90	5

* G87S has a short, straight thread to connect to male fire hose threads.

G88C... INSTANTANEOUS CAP



G88C			\$ 8.00	\$ 6.90	5
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Part Number	Hose Size	Bowl Size	PRICE EACH		Pkg Qty
			Loose	Std Pkg	

G88... GROOVED GASKET



G88		Grooved gasket	\$ 1.30	\$ 1.10	10
G88W		Fits G87 NPSH thread	1.60	1.40	10

G86-GHT... INSTANTANEOUS MALE GARDEN HOSE THREAD ADAPTER



G86-GHT	GHT		\$ 12.60	\$ 10.90	5
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G87-GHT... INSTANTANEOUS FEMALE GARDEN HOSE THREAD ADAPTER



G87-GHT	GHT		\$ 21.50	\$ 18.70	5
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G95-150... INSTANTANEOUS HOSE SHANK



G95-150	1 1/2"		\$ 10.90	\$ 9.90	10
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G88R... EXPANSION RINGS



	Coupling Type	
G88R-150-075	G80B	\$ 3.50
G88R-150-088	G85	3.50
G88R-150-125	G80	7.00
G88R-250-150	G80	7.50

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Fire & Hydrant

NEW

NEW

NEW

FIRE HOSE FITTINGS

G80B couplings are economically priced and are commonly found on stand-by and cabinet fire hoses. They feature pin lugs on the female coupling only. Standard couplings come with NPSH threads.

G80 Aluminum couplings are hard coated for superior corrosion and wear resistance and to resist thread galling. Both male and female couplings have rocker lugs for easy tightening. Standard 1½" couplings have NPSH threads.

Part Number	Hose Size	Bowl Size	PRICE EACH
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1½" BRASS COUPLINGS

G80B
G80BM
G80BF



FULL SETS

G80B-150-169	1½"	1 ¹¹ / ₁₆ "	\$ 39.00
G80B-150-175	1½"	1 ³ / ₄ "	39.00

MALE ONLY

G80BM-150-169	1½"	1 ¹¹ / ₁₆ "	19.50
G80BM-150-175	1½"	1- ¹ / ₄ "	19.50

FEMALE ONLY

G80BF-150-169	1½"	1 ¹¹ / ₁₆ "	19.50
G80BF-150-175	1½"	1 ³ / ₄ "	19.50

Part Number	Hose Size	Bowl Size	PRICE EACH
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1½" HARDCOAT ALUMINUM ROCKER LUG COUPLINGS

G80
G80M
G80F



FULL SETS

G80-150-169	1½"	1 ¹¹ / ₁₆ "	\$ 46.10
G80-150-175	1½"	1 ³ / ₄ "	46.10
G80-150-194	1½"	1 ¹⁵ / ₁₆ "	46.10

MALE ONLY

G80M-150-169	1½"	1 ¹¹ / ₁₆ "	16.40
G80M-150-175	1½"	1 ³ / ₄ "	16.40
G80M-150-194	1½"	1 ¹⁵ / ₁₆ "	16.40

FEMALE ONLY

G80F-150-169	1½"	1 ¹¹ / ₁₆ "	29.70
G80F-150-175	1½"	1 ³ / ₄ "	29.70
G80F-150-194	1½"	1 ¹⁵ / ₁₆ "	29.70

For 2½" municipal fire hoses, the threads vary by province and state and sometimes even by city. Our basic part numbers are G80 for a coupling set, G80M for males, and G80F for females. In addition, please specify the threads from the list shown. For example, for a hose that will be used in Manitoba, specify G80WCT-250 thread couplings.

2½" BRASS COUPLINGS



FULL SETS

G80B-250-275	2½"	2 ³ / ₄ "	\$ 81.50
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MALE ONLY

G80M-250-275	2½"	2 ³ / ₄ "	28.50
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FEMALE ONLY

G80F-250-275	2½"	2 ³ / ₄ "	53.00
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2½" HARDCOAT ALUMINUM ROCKER LUG COUPLINGS



G80
G80M
G80F



FULL SETS

G80-250-275	2½"	2 ³ / ₄ "	\$ 86.40
G80-250-281	2½"	2 ¹³ / ₁₆ "	86.40
G80-250-294	2½"	2 ¹⁵ / ₁₆ "	86.40
G80-250-300	2½"	3"	86.40

MALE ONLY

G80M-250-275	2½"	2 ³ / ₄ "	30.20
G80M-250-281	2½"	2 ¹³ / ₁₆ "	30.20
G80M-250-294	2½"	2 ¹⁵ / ₁₆ "	30.20
G80M-250-300	2½"	3"	20.20

FEMALE ONLY

G80F-250-275	2½"	2 ³ / ₄ "	56.20
G80F-250-281	2½"	2 ¹³ / ₁₆ "	56.20
G80F-250-294	2½"	2 ¹⁵ / ₁₆ "	56.20
G80F-250-300	2½"	3"	56.20

HOW TO MEASURE A MALE FIRE HOSE THREAD:

Take a strip of paper about 1" wide and wrap it around the male thread snugly so that it overlaps. Where the two ends overlap, use a pin to pierce the paper so that there is a hole in both ends. Press your thumb against the paper so that the threads leave an impression. Remove the paper and measure the distance between the pinholes. This distance, divided by 3.1416, equals the thread o.d. Count the number of thread impressions showing on the paper and divide by the total width of the impressions (in inches). This figure is the pitch in threads per inch.

PARTIAL LISTING OF FIRE HOSE THREADS

Code	Region Used	Description	O.D.	Pitch
1½" Canadian Threads:				
NPSH		NPSH Straight Iron Pipe Thread	1.878"	11.5
2½" Canadian Threads:				
BAT	BC/Alberta	BCST British Columbia Standard Thread and AMA Alberta Mutual Aid combined*	2.990"	8*
CSA	Ontario	Canadian Standards Assn.	3.125"	5
NS1	Nova Scotia	Nova Scotia - zone 1	3.234"	5
QMT	Quebec	QST and QMT Quebec/Montreal Combination Thread	3.031"	7
WCT	Sask. & Manitoba	Western Canada Fire Underwriters Assn.	3.250"	6
1½" Other Threads:				
BSP		British Standard Pipe Thread	1.882"	11
NST		NH and NST and ANSI Thread	1.990"	9
2½" Other Threads:				
BSP		British Standard Pipe Thread	2.956"	11
NST		NH and NST and ANSI Thread	3.068"	7.5

* BAT Threads are designed to function with both BCST and AMA fittings. To accomplish this, the BAT male is cut to suit the smallest thread O.D., which is AMA fitting at 2.99", while the female coupling is machined to fit the largest I.D.

HYDRANT ADAPTERS

2½" FIRE HOSE THREAD ADAPTERS

G82... FEMALE FIRE BY MALE NPT

Fire Thread	Male Thread	Part Number	PRICE EACH
2½" BAT	1½" NPT	G82BAT-150	\$ 59.00
	2"	G82BAT-200	65.00
	2½"	G82BAT-250	89.00
	3"	G82BAT-300	123.00
2½" CSA	1½" NPT	G82CSA-150	88.00
	2"	G82CSA-200	96.00
	2½"	G82CSA-250	123.00
2½" NS1	1½" NPT	G82NS1-150	88.00
	2"	G82NS1-200	96.00
	3"	G82NS1-300	123.00
2½" QMT	1½" NPT	G82QMT-150	88.00
	2"	G82QMT-200	96.00
	2½"	G82QMT-250	123.00
2½" WCT	1½" NPT	G82WCT-150	88.00
	2"	G82WCT-200	96.00
	3"	G82WCT-300	123.00

There is a practically endless selection of custom machined hydrant adapters that can be ordered. The most important ones are listed below. Please call for other configurations.



G82

G81... MALE FIRE BY MALE NPT

2½" BAT	1½" NPT	G81BAT-150	\$ 84.00
	2"	G81BAT-200	111.00
	2½"	G81BAT-250	120.00
	3"	G81BAT-300	158.00
2½" CSA	1½" NPT	G81CSA-150	84.00
	2"	G81CSA-200	111.00
	3"	G81CSA-300	158.00
2½" NS1	1½" NPT	G81NS1-150	84.00
	2"	G81NS1-200	111.00
	3"	G81NS1-300	158.00
2½" QMT	1½" NPT	G81QMT-150	84.00
	2"	G81QMT-200	111.00
	3"	G81QMT-300	158.00
2½" WCT	1½" NPT	G81WCT-150	84.00
	2"	G81WCT-200	111.00
	3"	G81WCT-300	158.00



G81

OTHER FIRE HOSE THREAD ADAPTERS

Thread	Size	Thread	Size	Part Number	PRICE EACH
Female NPSH	1½"	Male GHT	¾"	G81FM-NPSH-GHT-150	\$ 84.00
Female NPSH	1½"	Male NPT	1½"	G81FM-NPSH-NPT-150-150	84.00
Male NPSH	1½"	Male NPT	1½"	G81MM-NPSH-NPT-150-150	84.00
Swivel NPSH	1½"	Male NPT	1½"	G81SM-NPSH-NPT-150-150	84.00
Storz	2"	Female BSP	2"	G81BZF-BSP-200-200	73.20
Storz	2"	Female NPSH	2"	G81BZF-NPSH-200-200	73.20



SF



FF



SM



ZF

INTERNATIONAL FIRE HOSE COUPLINGS

Fire hose fittings found on ships can be any of a multitude of designs from around the world. We stock the five standards that we have found to be the most popular. All of the couplings listed are brass.

Since many ships, and the ship chandlers that supply them, often rely on the IMPA (International Marine Purchasing Association) catalog as a reference when ordering products, we have provided the IMPA code where possible.

NAKAJIMA couplings conform to the Japanese JIS F7335 standard. The two halves are identical and a quarter turn locks the couplings together.

MACHINO fittings are also a Japanese design, but conform to JIS B9911. They are a push-to-connect coupling with a distinctive outer rubber bumper on the female half. Pushing the flange on the male half releases the fittings.

JOHN MORRIS couplings, also known as British Instantaneous, meet the BS 336 British Standard design. The distinctive arms on the female coupling are spring-loaded and lock onto the male fitting when pushed together. Pulling the arms away from the coupling releases the fitting.

STORZ fittings are based on a German design and conform to DIN 14302 and DIN 14303. A quarter turn mates the two identical halves.

PIN STYLE couplings are a male and female threaded coupling with pin lugs for tightening. They have NST (NH) US style threads or NPSH straight pipe threads as shown.

Part Number	IMPA Code	Size	Hose I.D.	PRICE EACH
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G95NK... NAKAJIMA HOSE SHANK



G95NK-150	33-08-51	1 1/2"	1 1/2"	\$ 20.40
G95NK-200	33-08-52	2"	2"	34.40
G95NK-250	33-08-53	2 1/2"	2 1/2"	47.00
G95NK-250-150	33-08-91	2 1/2"	1 1/2"	47.00

G91MC... MACHINO MALE HOSE SHANK



G91MC-150	33-08-55	1 1/2"	1 1/2"	\$ 12.90
G91MC-200	33-08-56	2"	2"	24.90
G91MC-250	33-08-57	2 1/2"	2 1/2"	32.80

G92MC... MACHINO FEMALE HOSE SHANK



G92MC-150	33-08-55	1 1/2"	1 1/2"	\$ 19.40
G92MC-200	33-08-56	2"	2"	28.10
G92MC-250	33-08-57	2 1/2"	2 1/2"	44.80

Part Number	IMPA Code	Male Size	Hose I.D.	PRICE EACH
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G91JM... JOHN MORRIS MALE HOSE SHANK



G91JM-150	33-08-59	1 1/2"	1 1/2"	\$ 21.10
G91JM-250	33-08-61	2 1/2"	2 1/2"	40.70
G91JM-250-150		2 1/2"	1 1/2"	35.40
G91JM-250-200	33-08-60	2 1/2"	2"	36.80

G92JM... JOHN MORRIS FEMALE HOSE SHANK



		Female Size	Hose I.D.	PRICE EACH
G92JM-150	33-08-59	1 1/2"	1 1/2"	\$ 30.50
G92JM-250	33-08-61	2 1/2"	2 1/2"	61.10
G92JM-250-150		2 1/2"	1 1/2"	56.70
G92JM-250-200	33-08-60	2 1/2"	2"	59.30

G95SZ... STORZ HOSE SHANK



		Size	Hose I.D.	PRICE EACH
G95SZ-150		1 1/2"	1 1/2"	\$ 23.80
G95SZ-200	33-08-75	2"	2"	42.10
G95SZ-200-150		2 1/2"	1 1/2"	78.00
G95SZ-250		2 1/2"	2 1/2"	55.70

	Thread O.D. & Pitch	PRICE EACH Loose	Std Pkg	Qty
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G31B... NPSH MALE



G31B-150	1 1/2"	1.878" - 11 1/2	\$ 12.80	\$ 11.60	5
G31B-200	2"	2.352" - 11 1/2	19.80	17.90	5
G31B-250	2 1/2"	2.841" - 8		28.80	1

G32B... NPSH FEMALE



G32B-150	1 1/2"	1.878" - 11 1/2	\$ 13.80	\$ 12.40	5
G32B-200	2"	2.352" - 11 1/2	22.30	19.90	5
G32B-250	2 1/2"	2.841" - 8		31.20	1

G31BNST... NST PIN LUG MALE

Also called NH or ANSI thread



G31BNST-150	33-08-65M	1 1/2"	1.990" - 9	\$ 10.30	1
G31BNST-250	33-08-66M	2 1/2"	3.068" - 7 1/2	32.30	1
G31BNST-250-150	33-08-93M	2 1/2"	3.068" - 7 1/2	44.70	1

G32BNST NST PIN LUG FEMALE

Also called NH or ANSI thread



G32BNST-150	33-08-65F	1 1/2"	1.990" - 9	\$ 12.70	1
G32BNST-250	33-08-66F	2 1/2"	3.068" - 7 1/2	30.90	1
G32BNST-250-150	33-08-93F	2 1/2"	3.068" - 7 1/2	37.70	1

Three position nozzles combine the features of straight stream and fog nozzles. The lever can be moved from a shut off position to a choice of straight stream or fog spray. When the lever is in the fog position, the spray is adjusted by twisting the heavy rubber bumper. Nozzles are available in the various sizes and coupling style shown. However, the coupling adapter is threaded into the nozzle body to permit interchanging male adapters. We offer nozzles made up with your choice of coupling, and also offer the male adapters separately.

Recently many users have switched to a much lighter and compact adjustable nozzle. Common nozzles are shown here, but the G37T can be combined with any of the adapters of matching size shown on the following page.

THREE POSITION FIRE HOSE NOZZLES

Part Number	IMPA Code	Size	PRICE EACH
G97NK... NAKAJIMA 3 POSITION NOZZLE			
G97NK-150		1½"	\$ 202.10
G97NK-200		2"	246.90
G97NK-250		2½"	280.60

G97JM... JOHN MORRIS 3 POSITION NOZZLE



G97JM-250	33-08-23JM	2½"	\$ 280.60
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G97SZ... STORZ 3 POSITION NOZZLE

G97SZ-200	33-08-22SZ	2"	\$ 251.50
G97SZ-250	33-08-21SZ	2½"	285.70

G97MC... MACHINO 3 POSITION NOZZLE

G97MC-150		1½"	\$ 202.10
G97MC-200		2"	246.90
G97MC-250		2½"	280.60

COMPACT THREE POSITION FIRE HOSE NOZZLES

Part Number	IMPA Code	Size	PRICE EACH
G37TNK... NAKAJIMA COMPACT 3 POSITION NOZZLE			
G37TNK-150	33-08-31	1½"	\$ 62.40
G37TNK-200	33-08-32	2"	77.50
G37TNK-250	33-08-33	2½"	108.90

G37TJM... JOHN MORRIS COMPACT 3 POSITION NOZZLE



G37TJM-250		2½"	\$ 108.90
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G37TNST... NST ANSI PIN COMPACT 3 POSITION NOZZLE

G37TNST-150	33-08-34	1½"	\$ 56.70
G37TNST-250	33-08-36	2½"	95.90

G37TMC... MACHINO COMPACT 3 POSITION NOZZLE

G37TMC-150	33-08-37	1½"	\$ 61.80
G37TMC-200	33-08-38	2"	77.50
G37TMC-250	33-08-39	2½"	108.90



INTERNATIONAL FIRE HOSE FITTINGS

These male threaded adapters are installed in G97 series three position nozzles. They will also fit G37T spray tips to produce a compact fog nozzle.

Part Number	IMPA Code	Size	PRICE EACH
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G98NKA... NAKAJIMA NOZZLE ADAPTER



G98NKA-150		1 1/2"	\$ 22.50
G98NKA-200		2"	37.20
G98NKA-250		2 1/2"	46.30

G98JMA... JOHN MORRIS NOZZLE ADAPTER



G98JMA-150		1 1/2"	\$ 15.90
G98JMA-250		2 1/2"	40.70

G98SZA... STORZ NOZZLE ADAPTER



G98SZA-200		2"	\$ 53.20
G98SZA-150		2 1/2"	74.20

G98MCA... MACHINO NOZZLE ADAPTER



G98MCA-150		1 1/2"	\$ 20.30
G98MCA-200		2"	30.10
G98MCA-250		2 1/2"	48.10

G98NSTA... NST THREAD PIN LUG NOZZLE ADAPTER (also called NH or ANSI thread)



G98NSTA-150		1 1/2"	\$ 18.30
G98NSTA-250		2 1/2"	36.40

ADAPTERS FOR THREE POSITION NOZZLES

Thread Dimensions for Nozzle Adapters

Nozzle Size	Male Thread O.D.	Threads per Inch
1 1/2"	1.410"	12
2"	1.770"	12
2 1/2"	2.158"	10

Our brass jet stream nozzles are available with a variety of coupling designs. The tips are designed to provide a straight stream flow, with tip diameters of 13mm in 1-1/2" nozzles, 15mm for 2", and 20mm in 2-1/2". Where a fog spray is preferable, the threaded jet stream tip can be removed and replaced with our G37T fog spray tip. The G37T is an adjustable fog nozzle with an aluminum body and a protective rubber bumper.

Jet Stream Fire Hose Nozzles

Part Number	IMPA Code	Size	PRICE EACH
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G37NK... NAKAJIMA JET NOZZLE



G37NK-150	33-08-01	1 1/2"	\$ 72.80
G37NK-200	33-08-03	2"	84.00
G37NK-250	33-08-04	2 1/2"	126.10

G37JM... JOHN MORRIS JET NOZZLE

G37JM-150		1 1/2"	44.30
G37JM-250		2 1/2"	98.20

G37SZ... STORZ JET NOZZLE

G37SZ-150		1 1/2"	64.40
G37SZ-200		2"	100.70
G37SZ-250		2 1/2"	124.60

G37MC... MACHINO JET NOZZLE

G37MC-150	33-08-09	1 1/2"	58.90
G37MC-200	33-08-10	2"	82.50
G37MC-250	33-08-11	2 1/2"	114.20

G37NST... NST JET NOZZLE

G37NST-150		1 1/2"	44.30
G37NST-250		2 1/2"	95.30



G37T... SPRAY TIP

G37T-150		1 1/2"	33.80
G37T-200		2"	39.50
G37T-250		2 1/2"	47.10

INTERNATIONAL FIRE HOSE FITTINGS

CAPS & GASKETS

Part Number	IMPA Code	Size	PRICE EACH
G98NKC NAKAJIMA CAP			
G98NKC-150		1½"	\$ 18.20
G98NKC-200		2"	33.60
G98NKC-250		2½"	50.50



To attach to 42mm threaded connections frequently used for stanchions on ocean going vessels, we stock a 42mm female threaded pin lug nut. This nut can combine with various sized hose shanks to produce complete fittings for hose sizes from ¼" to 1". The conical shaped insert provides a metal-to-metal mechanical seal with the 42mm stanchion.

G32NK METRIC THREADED CONNECTIONS

Part Number	IMPA Code	Size	PRICE EACH
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G32NK... COMPLETE FITTINGS



G32NK-150-6MM	35-10-51	Hose Size	PRICE EACH
G32NK-150-10MM	35-10-53	6 mm (¼")	\$ 21.30
G32NK-150-12MM	35-10-54	10 mm (3/8")	21.30
G32NK-150-15MM	35-10-55	12 mm (½")	21.30
G32NK-150-19MM	35-10-56	15 mm (5/8")	21.30
G32NK-150-25MM	35-10-57	19 mm (¾")	21.30
		25 mm (1")	21.30

G30NK... NUT ONLY

G30NK	all	\$ 4.30
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Fire & Hydrant

G98JMC JOHN MORRIS CAP

G98JMC-250		2½"	63.00
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G98SZC STORZ CAP

G98SZC-200		2"	40.60
G98SZC-250		2½"	53.20



G98NK NAKAJIMA GASKET

G98NK-150	33-08-51G	1½"	0.95
G98NK-200	33-08-52G	2"	1.15
G98NK-250	33-08-53G	2½"	1.35



G98JM JOHN MORRIS GASKET

G98JM-150	33-08-59G	1½"	1.50
G98JM-250	33-08-61G	2½"	2.40



G98SZ STORZ GASKET

G98SZ-150		1½"	0.90
G98SZ-200		2"	1.15
G98SZ-250		2½"	1.35



G98MC MACHINO GASKET

G98MC-150	33-03-55G	1½"	1.50
G98MC-200	33-03-56G	2"	1.80
G98MC-250	33-03-57G	2½"	2.00