



I.R.P. INDUSTRIAL RUBBER LTD.



Couplings & Clamps Catalogue

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Couplings & Clamps

IRP Couplings & Clamps Index

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COMBINATION NIPPLES

UNPLATED - HOSE SHANK X MALE NPT

Combination Nipples are widely used in a variety of low-pressure industrial hose applications. These fittings have a male NPT thread one end by hose barb. They are available in unplated steel and stainless steel. Victaulic grooved is also available when application involves piping systems.

Combination Nipples are not suitable for compressible products such as air, steam or nitrogen.



CN

Parts No.	Size Inches
CN-.5	1/2
CN-.75	3/4
CN-1	1
CN-1.25	1-1/4
CN-1.5	1-1/2
CN-2	2
CN-2.5	2-1/2
CN-3	3
CN-4	4
CN-5	5
CN-6	6
CN-8	8

PLATED - HOSE SHANK X MALE NPT

Parts No.	Size Inches
CNP-.5	1/2
CNP-.75	3/4
CNP-1	1
CNP-1.25	1-1/4
CNP-1.5	1-1/2
CNP-2	2
CNP-2.5	2-1/2
CNP-3	3
CNP-4	4
CNP-5	5
CNP-6	6
CNP-8	8



CNP

Combination nipples are intended for low pressure discharge and suction service.
***Not suitable for compressed air**



CNVG

UNPLATED - HOSE SHANK X VIC. GROOVE

Combination Nipples are widely used in a variety of low-pressure industrial hose applications. These fittings have a male NPT thread one end by hose barb. They are available in unplated steel and stainless steel. Victaulic grooved is also available when application involves piping systems.

Combination Nipples are not suitable for compressible products such as air, steam or nitrogen.

Parts No.	Size Inches
CNVG-1.5	1-1/2
CNVG-2	2
CNVG-2.5	2-1/2
CNVG-3	3
CNVG-4	4
CNVG-6	6
CNVG-8	8



CNSS

316 STAINLESS STEEL - HOSE SHANK X MALE NPT

Combination Nipples are widely used in a variety of low-pressure industrial hose applications. These fittings have a male NPT thread one end by hose barb. They are available in unplated steel and stainless steel. Victaulic grooved is also available when application involves piping systems.

Combination Nipples are not suitable for compressible products such as air, steam or nitrogen.

Parts No.	Size Inches
CNSS-.5	1/2
CNSS-.75	3/4
CNSS-1	1
CNSS-1.25	1-1/4
CNSS-1.5	1-1/2
CNSS-2	2
CNSS-2.5	2-1/2
CNSS-3	3
CNSS-4	4

Menders & Nipples

Menders & Nipples



MENP

PLATED STEEL MENDERS

Hose menders are used when two or more lengths of hose are to be joined together. These fittings are available in plated steel.

Menders are not suitable for compressible products such as air, steam or nitrogen

Parts No.	Size Inches	Length Inches
MENP-.5	1/2	3-1/2
MENP-.75	3/4	4-1/4
MENP-1	1	4-1/4
MENP-1.25	1-1/4	4-1/2
MENP-1.5	1-1/2	4-7/8
MENP-2	2	4-7/8
MENP-2.5	2-1/2	5-5/8
MENP-3	3	6-5/8
MENP-4	4	8-3/4
MENP-5	5	9
MENP-6	6	10
MENP-8	8	12
MENP-10	10	12

HEX NIPPLES

ZINC PLATED - HOSE SHANK X MALE NPT

Hex Nipples have long shanks for extra fitting retention and collars for interlocking clamps.



SHN

Parts No.	Shank Size Inches	NPT Size Inches
SHN-2501	1/4	1/8
SHN-2502	1/4	1/4
SHN-2504	1/4	3/8
SHN-2505	3/8	1/4
SHN-2506	3/8	3/8
SHN-2508	3/8	1/2
SHN-2509	1/2	1/4
SHN-2510	1/2	3/8
SHN-2512	1/2	1/2
SHN-2511	1/2	3/4
SHN-2513	3/4	1/2
SHN-2514	3/4	3/4
SHN-2516	1	3/4
SHN-2518	1	1



MBF

MACHINED BRASS BARBS

FEMALE STEMS

Parts No.	Shank Size Inches	NPT Size Inches
MBF-.25-.25	1/4	1/4
MBF-.375-.25	3/8	1/4
MBF-.375-.375	3/8	3/8
MBF-.5-.5	1/2	1/2



MBM

MALE STEMS

Parts No.	Shank Size Inches	NPT Size Inches
MBM-.25-.25	1/4	1/4
MBM-.375-.25	3/8	1/4
MBM-.375-.375	3/8	3/8
MBM-.5-.5	1/2	1/2



MBS

COMPLETE SETS

Parts No.	Shank Size Inches	NPT Size Inches
MBS-.25-.25	1/4	1/4
MBS-.375-.25	3/8	1/4
MBS-.375-.375	3/8	3/8
MBS-.5-.5	1/2	1/2

Machined brass barbs attached with brass ferrules or circle clamps.

LSBF



LONG SHANK - FEMALE COMPONENTS

MACHINED BRASS - NPSM FEMALE LOOSE

Parts No.	Size Inches
LSBF-1	1

CAST BRASS - NPSM FEMALE LOOSE

Parts No.	Size Inches
LSBF-1.25	1-1/4
LSBF-1.5	1-1/2

MACHINED BRASS - GHT FEMALE LOOSE

Parts No.	Size Inches
LSBFGH-.5	1/2
LSBFGH-.75	3/4

LSBM



LONG SHANK - MALE COMPONENTS

MACHINED BRASS - NPSM MALE LOOSE

Parts No.	Size Inches
LSBM-1	1
LSBM-1.25	1-1/4
LSBM-1.5	1-1/2



LSBS

LONG SHANKS COMPLETE SETS

MACHINED BRASS - NPSM

Complete Set Loose

Parts No.	Size Inches
LSBS-1	1

CAST BRASS - NPSM

Complete Set Loose

Parts No.	Size Inches
LSBS-1.25	1-1/4
LSBS-1.5	1-1/2



GHS

GARDEN HOSE COUPLINGS (Brass Plated Zinc)

For garden hose use only at city water pressure.

COMPLETE SET LOOSE

Parts No.	Size Inches
GHS-.75	3/4

COMPLETE SET ATTACHED

Parts No.	Size Inches
GHS-.75	3/4

Long & Short Shank Fittings



SSAS

SHORT SHANKS - COMPLETE SETS

Short shank couplings are the most economical connections for water discharge hose assemblies. Brass for more corrosive products.

ALUMINUM (FEMALE HAS BRASS SWIVEL NUT) - NPSM

Complete Set Loose

Parts No.	Size Inches
SSAS-1.5	1-1/2
SSAS-2	2
SSAS-2.5	2-1/2
SSAS-3	3
SSAS-4	4
SSAS-6	6



SSBS

SHORT SHANKS - COMPLETE SETS

Short shank couplings are the most economical connections for water discharge hose assemblies. Brass for more corrosive products.

BRASS - NPSM COMPLETE SET LOOSE

Parts No.	Size Inches
SSBS-1	1
SSBS-1.5	1-1/2



SSBSGH

BRASS - G.H.T. COMPLETE SET LOOSE

Parts No.	Size Inches
SSBSGH-.5	1/2
SSBSGH-.75	3/4



SSW

SHORT SHANK WASHERS

Parts No.	Size Inches
SSW-.5	1/2
SSW-.75	3/4
SSW-1	1
SSW-1.5	1-1/2
SSW-2	2
SSW-2.5	2-1/2
SSW-3	3
SSW-4	4
SSW-6	6

For garden hose couplings use 3/4" washers.



SSAF

SHORT SHANKS - FEMALE COMPONENTS

Aluminum and Brass female components may be purchased individually. Female garden hose connector is made of machined brass; comes with rubber gasket.

ALUMINUM (BRASS SWIVEL NUT) - NPSM FEMALE LOOSE

Parts No.	Size Inches
SSAF-1.5	1-1/2
SSAF-2	2
SSAF-2.5	2-1/2
SSAF-3	3
SSAF-4	4
SSAF-6	6



SSBF

BRASS - NPSM FEMALE LOOSE

Parts No.	Size Inches
SSBF-.75	3/4
SSBF-1	1
SSBF-1.5	1-1/2
SSBF-2	2
SSBF-2.5	2-1/2
SSBF-3	3
SSBF-4	4



SSBFGH

BRASS G.H.T. FEMALE LOOSE

Parts No.	Size Inches
SSBFGH-.5	1/2
SSBFGH-.75	3/4

Long & Short Shank Fittings



SSAM

SHORT SHANKS - MALE COMPONENTS

Aluminum and Brass male components may be purchased individually. Male garden hose connector is made of machined brass; comes with rubber gasket.

ALUMINUM - NPSM MALE LOOSE

Parts No.	Size Inches
SSAM-1.5	1-1/2
SSAM-2	2
SSAM-2.5	2-1/2
SSAM-3	3
SSAM-4	4
SSAM-6	6



SSBM

BRASS - NPSM MALE LOOSE

Parts No.	Size Inches
SSBM-.75	3/4
SSBM-1	1
SSBM-1.5	1-1/2
SSBM-2	2
SSBM-2.5	2-1/2
SSBM-3	3
SSBM-4	4



SSBMGH

BRASS G.H.T. MALE LOOSE

Parts No.	Size Inches
SSBMGH-.5	1/2
SSBMGH-.75	3/4



WHIP CHECK SAFETY CABLES - TO PREVENT HOSE WHIPPING

Parts No.	Description
WHIP-S	1/8" Cable for 1/2" to 1-1/4" O.D. hose
WHIP-L	1/4" Cable for 1-1/2" to 3" O.D. hose

Safety cables should be installed in the extended position with no slack. For air service the maximum working pressure is 200 PSI

Foot Valves & Strainers



FVS

FOOT VALVE AND STRAINER

Foot valves and strainers are made from cast iron and have a leather or rubber flapper that closes to prevent the pump from losing its prime. Ideal for suction pumps using control floats.

Parts No.	Size Inches
FVS-1.5	1-1/2
FVS-2	2
FVS-2.5	2-1/2
FVS-3	3
FVS-4	4
FVS-6	6



BS

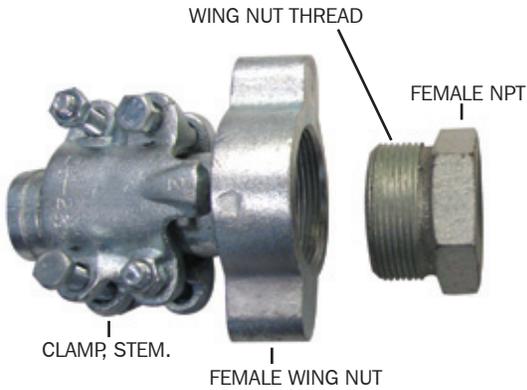
BASKET STRAINERS WITHOUT VALVES

Round hole basket strainers are made from zinc plated metal. Strainers are used to allow adequate flow without allowing debris that may harm the pump. Non valved.

Parts No.	Size Inches
BS-1.5	1-1/2
BS-2	2
BS-2.5	2-1/2
BS-3	3
BS-4	4
BS-6	6

GROUND JOINT COUPLINGS

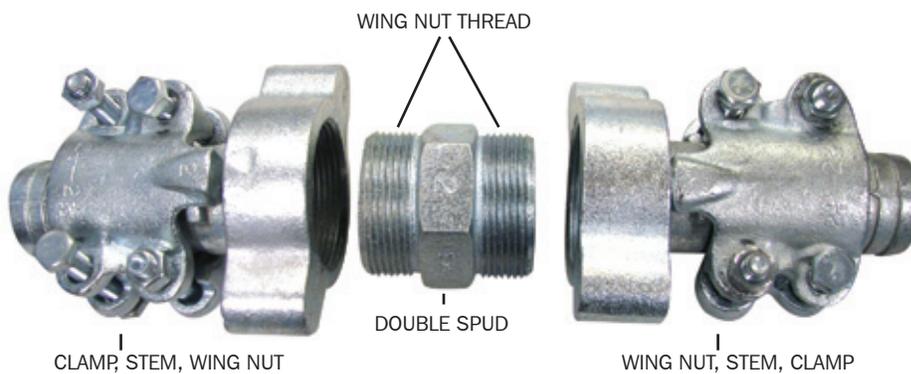
FEMALE COMPLETE COUPLINGS C/W CLAMPS



MALE COUPLINGS C/W CLAMPS



DOUBLE SPUD COUPLINGS C/W CLAMPS



High Pressure Ground Joint Couplings

High Pressure Ground Joint Couplings



GJFS

GROUND JOINT COUPLINGS

Ground joint couplings are used in demanding applications such as steam and compressed air. The coarse thread and wing nuts allow for easy coupling in the field. The interlocking clamps lock over the collar on the hose stem to create excellent fitting retention. Male-Female and double spuds allow for a variety of configurations.

COMPLETE FEMALE SPUD COUPLINGS C/W CLAMPS COMPLETE FEMALE LOOSE

Parts No.	Size Inches
GJFSWC-.5	1/2
GJFSWC-.75	3/4
GJFSWC-1	1
GJFSWC-1.25	1-1/4
GJFSWC-1.5	1-1/2
GJFSWC-2	2
GJFSWC-2.5	2-1/2
GJFSWC-3	3
GJFSWC-4	4

COMPLETE FEMALE SPUD COUPLINGS - NO CLAMPS COMPLETE FEMALE LOOSE

Parts No.	Size Inches
GJFS-.5	1/2
GJFS-.75	3/4
GJFS-1	1
GJFS-1.25	1-1/4
GJFS-1.5	1-1/2
GJFS-2	2
GJFS-2.5	2-1/2
GJFS-3	3
GJFS-4	4

GROUND JOINT COUPLINGS

FEMALE STEM



GJFST

Parts No.	Size Inches
GJFST-.5	1/2
GJFST-.75	3/4
GJFST-1	1
GJFST-1.25	1-1/4
GJFST-1.5	1-1/2
GJFST-2	2
GJFST-2.5	2-1/2
GJFST-3	3
GJFST-4	4

WING NUT



GJWN

Parts No.	Size Inches
GJWN-.5	1/2
GJWN-.75	3/4
GJWN-1	1
GJWN-1.25	1-1/4
GJWN-1.5	1-1/2
GJWN-2	2
GJWN-2.5	2-1/2
GJWN-3	3
GJWN-4	4

FEMALE SPUD - WING NUT THREAD XNPT



GJFSP

Parts No.	Size Inches
GJFSP-.5	1/2
GJFSP-.75	3/4
GJFSP-1	1
GJFSP-1.25	1-1/4
GJFSP-1.5	1-1/2
GJFSP-2	2
GJFSP-2.5	2-1/2
GJFSP-3	3
GJFSP-4	4

MALE STEM



GJMST

Parts No.	Size Inches
GJMST-.5	1/2
GJMST-.75	3/4
GJMST-1	1
GJMST-1.25	1-1/4
GJMST-1.5	1-1/2
GJMST-2	2
GJMST-2.5	2-1/2
GJMST-3	3
GJMST-4	4

High Pressure Ground Joint Couplings

High Pressure Ground Joint Couplings



HPM

HIGH PRESSURE MENDERS

LOOSE

Parts No.	Size Inches
HPM-.5	1/2
HPM-.75	3/4
HPM-1	1
HPM-1.25	1-1/4
HPM-1.5	1-1/2
HPM-2	2
HPM-2.5	2-1/2
HPM-3	3

* Menders are attached with two high pressure interlocking clamps.



GJMSP

GROUND JOINT MALE SPUDS

MALE

Parts No.	Size Inches
GJMSP-.5	1/2
GJMSP-.75	3/4
GJMSP-1	1
GJMSP-1.25	1-1/4
GJMSP-1.5	1-1/2
GJMSP-2	2

Male spud-wing nut thread X NPT



GJDSP

GROUND JOINT DOUBLE SPUDS

DOUBLE

Parts No.	Size Inches
GJDSP-.75	3/4
GJDSP-1	1
GJDSP-1.25	1-1/4
GJDSP-1.5	1-1/2
GJDSP-2	2

Double spud-wing nut thread
X wing nut thread



GJCL - 2 BOLT CLAMPS

HIGH PRESSURE INTERLOCKING CLAMPS

2-BOLT CLAMPS

Parts No.	Hose I.D. Inches	Hose O.D. Inches From	Hose O.D. Inches To
GJCL-4	1/2	60/64	1-4/64
GJCL-U9	3/4	1-12/64	1-20/64



GJCL - 4 BOLT CLAMPS

4-BOLT CLAMPS

Parts No.	Hose I.D. Inches	Hose O.D. Inches From	Hose O.D. Inches To
GJCL-U14	1	1-32/64	1-44/64
GJCL-19	1-1/4	2-4/64	2-16/64
GJCL-U24	1-1/2	2-12/64	2-24/64
GJCL-U29	2	2-32/64	2-50/64
GJCL-34	2-1/2	3-32/64	3-60/64
GJCL-35	3	3-52/64	4-4/64



UQAHE

UNIVERSAL QUICK ACTING HOSE ENDS

Universal couplings are used in lower pressure air applications such as jackhammers. Simply press two universal ends together and twist until they are locked together. Male and female ends are available for installation to equipment. Not for pressure over 115 PSI

2-LUG

HOSE ENDS LOOSE

Parts No.	Size Inches
UQAHE-.375	3/8
UQAHE-.5	1/2
UQAHE-.75	3/4
UQAHE-1	1

4-LUG

HOSE ENDS LOOSE

Parts No.	Size Inches
UQAHE-1.25	1-1/4
UQAHE-1.5	1-1/2
UQAHE-2	2

* Attached with centre punch clamps



UQABE

BLANK ENDS

BLANK ENDS 2-LUG

Parts No.
UQABE



UQATC

TRIPLE CONNECTORS

TRIPLE CONNECTORS 2-LUG

Parts No.
UQATC



UQAFE

UNIVERSAL QUICK ACTING FEMALE & MALE ENDS CADIUM PLATED MALLEABLE IRON

Universal couplings are used in lower pressure air applications such as jackhammers. Simply press two universal ends together and twist until they are locked together. Male and female ends are available for installation to equipment. Not for pressure over 115 PSI

FEMALE ENDS

2-LUG		4-LUG	
Parts No.	Size Inches	Parts No.	Size Inches
UQAFE-.25	1/4	UQAFE-1.25	1-1/4
UQAFE-.375	3/8	UQAFE-1.5	1-1/2
UQAFE-.5	1/2	UQAFE-2	2
UQAFE-.75	3/4		
UQAFE-1	1		



UQAME

MALE ENDS

2-LUG	
Parts No.	Size Inches
UQAME-.25	1/4
UQAME-.375	3/8
UQAME-.5	1/2
UQAME-.75	3/4
UQAME-1	1



UQAWB



UQAWR

WASHERS

Parts No.	Size Inches	Colour
UQAWB-.375-1	3/8-1	BLACK (Regular)
UQAWR-.375-1	3/8-1	RED (Oil Resistant)
UQAWB-1.25-2	1-1/4-2	BLACK (Regular)

Sandblast Fittings

SDBL



SANDBLAST COUPLINGS - ALUMINUM

Aluminum sandblast couplings have a universal style coupling method and are designed to fit snugly over the outside of the sandblast hose. The coupling is attached to the exterior with screws. This design allows for the full flow of media through the hose.

COUPLING LOOSE

Parts No.	Hose I.D. Inches	Hose O.D. Inches	Coupling Number
SDBL-.75	3/4	1-1/2	Q1
SDBL-1	1	1-7/8	Q2
SDBL-1.25	1-1/4	2-5/32	Q3
SDBL-1.5	1-1/2	2-3/8	Q4

WASHERS

Parts No.	Hose I.D. Inches
SDBLW-.5-1.5	1/2-1-1/2

SBN



NOZZLE HOLDER COUPLING - ALUMINUM 1-1/4" FEMALE THREAD

Aluminum Nozzle holders are designed to fit over the hose and accept threaded nozzles.

COUPLING LOOSE

Parts No.	Hose I.D. Inches	Hose O.D. Inches	Coupling Number
SBN-.75	3/4	1-1/2	HE1
SBN-1	1	1-7/8	HE2
SBN-1.25	1-1/4	2-5/32	HE3
SBN-1.5	1-1/2	2-3/8	HE4

Cam & Groove Fittings

Cam & Groove Fittings

CAM & GROOVE COUPLINGS



PART "A"
MALE ADAPTER X FEMALE NPT



PART "B"
FEMALE COUPLER X MALE NPT



PART "C"
FEMALE COUPLER X HOSE SHANK



PART "D"
FEMALE COUPLER X FEMALE NPT



PART "E"
MALE ADAPTER X HOSE SHANK



PART "F"
MALE ADAPTER X MALE NPT



PART "DC"
DUST CAP



PART "DP"
DUST PLUG

MAXIMUM PRESSURE RATING PSI FOR CAM & GROOVE COUPLINGS

Size Inches	Aluminum/Brass	Stainless	Polypropylene
1/2	150	150	125
3/4	250	250	125
1	250	250	125
1-1/4	250	250	100
1-1/2	250	250	100
2	250	250	100
2-1/2	150	225	N/A
3	125	200	75
4	100	100	75
6	75	100	N/A

**CAM AND GROOVE COUPLINGS SHOULD NEVER BE USED FOR
STEAM OR COMPRESSED AIR.**

Cam & Groove Fittings



ALUMINUM CAM & GROOVE COUPLINGS

Aluminum cam type couplers are the most popular couplers in the industry for transfer of water and other non-corrosive fluids. Available in sizes from 1/2" to 8"

**** Not for use with compressed air ****

PART NUMBER = PREFIX - SIZE (in decimal equiv.) i.e. 1/2" Part B = CGAB-.5

ATTACHED PART NUMBER = PREFIXA - SIZE i.e. 1/2" Part C att'd = CGACA-.5

Size Inches	Part A CGAA	Part B CGAB	Part C CGAC	Part D CGAD	Part E CGAE	Part F CGAF	Part DC CGADC	Part DP CGADP
1/2	CGAA-.5	CGAB-.5	CGAC-.5	CGAD-.5	CGAE-.5	CGAF-.5	CGADC-.5	CGADP-.5
3/4	CGAA-.75	CGAB-.75	CGAC-.75	CGAD-.75	CGAE-.75	CGAF-.75	CGADC-.75	CGADP-.75
1	CGAA-1	CGAB-1	CGAC-1	CGAD-1	CGAE-1	CGAF-1	CGADC-1	CGADP-1
1-1/4	CGAA-1.25	CGAB-1.25	CGAC-1.25	CGAD-1.25	CGAE-1.25	CGAF-1.25	CGADC-1.25	CGADP-1.25
1-1/2	CGAA-1.5	CGAB-1.5	CGAC-1.5	CGAD-1.5	CGAE-1.5	CGAF-1.5	CGADC-1.5	CGADP-1.5
2	CGAA-2	CGAB-2	CGAC-2	CGAD-2	CGAE-2	CGAF-2	CGADC-2	CGADP-2
2-1/2	CGAA-2.5	CGAB-2.5	CGAC-2.5	CGAD-2.5	CGAE-2.5	CGAF-2.5	CGADC-2.5	CGADP-2.5
3	CGAA-3	CGAB-3	CGAC-3	CGAD-3	CGAE-3	CGAF-3	CGADC-3	CGADP-3
4	CGAA-4	CGAB-4	CGAC-4	CGAD-4	CGAE-4	CGAF-4	CGADC-4	CGADP-4
5	CGAA-5	CGAB-5	CGAC-5	CGAD-5	CGAE-5	CGAF-5	CGADC-5	CGADP-5
6	CGAA-6	CGAB-6	CGAC-6	CGAD-6	CGAE-6	CGAF-6	CGADC-6	CGADP-6



STAINLESS STEEL CAM & GROOVE COUPLINGS

Stainless steel cam type couplers are made of 316 Stainless Steel. Our most chemical and corrosion resistant cam type. Available in sizes from 1/2" to 6"

**** Not for use with compressed air ****

PART NUMBER = PREFIX - SIZE (in decimal equiv.) i.e. 1/2" Part A = CGSA-.5

ATTACHED PART NUMBER = PREFIXA - SIZE i.e. 1/2" Part C att'd = CGSCA-.5

Size Inches	Part A CGSA	Part B CGSB	Part C CGSC	Part D CGSD	Part E CGSE	Part F CGSF	Part DC CGSDC	Part DP CGSDP
1/2	CGSA-.5	CGSB-.5	CGSC-.5	CGSD-.5	CGSE-.5	CGSF-.5	CGSDC-.5	CGSDP-.5
3/4	CGSA-.75	CGSB-.75	CGSC-.75	CGSD-.75	CGSE-.75	CGSF-.75	CGSDC-.75	CGSDP-.75
1	CGSA-1	CGSB-1	CGSC-1	CGSD-1	CGSE-1	CGSF-1	CGSDC-1	CGSDP-1
1-1/4	CGSA-1.25	CGSB-1.25	CGSC-1.25	CGSD-1.25	CGSE-1.25	CGSF-1.25	CGSDC-1.25	CGSDP-1.25
1-1/2	CGSA-1.5	CGSB-1.5	CGSC-1.5	CGSD-1.5	CGSE-1.5	CGSF-1.5	CGSDC-1.5	CGSDP-1.5
2	CGSA-2	CGSB-2	CGSC-2	CGSD-2	CGSE-2	CGSF-2	CGSDC-2	CGSDP-2
2-1/2	CGSA-2.5	CGSB-2.5	CGSC-2.5	CGSD-2.5	CGSE-2.5	CGSF-2.5	CGSDC-2.5	CGSDP-2.5
3	CGSA-3	CGSB-3	CGSC-3	CGSD-3	CGSE-3	CGSF-3	CGSDC-3	CGSDP-3
4	CGSA-4	CGSB-4	CGSC-4	CGSD-4	CGSE-4	CGSF-4	CGSDC-4	CGSDP-4
5	CGSA-5	CGSB-5	CGSC-5	CGSD-5	CGSE-5	CGSF-5	CGSDC-5	CGSDP-5
6	CGSA-6	CGSB-6	CGSC-6	CGSD-6	CGSE-6	CGSF-6	CGSDC-6	CGSDP-6

Cam & Groove Fittings



BRASS CAM & GROOVE COUPLINGS

Brass cam type couplers are used in applications where the media being transferred is corrosive and non-sparking is required. Examples of applications are marine refueling and steel mills. Available in sizes from 1/2" to 6"

**** Not for use with compressed air ****

PART NUMBER = PREFIX - SIZE (in decimal equiv.) i.e. 1/2" Part A = CGBA-.5

ATTACHED PART NUMBER = PREFIXA - SIZE i.e. 1/2" Part C att'd = CGBCA-.5

Size Inches	Part A CGBA	Part B CGBB	Part C CGBC	Part D CGBD	Part E CGBE	Part F CGBF	Part DC CGBDC	Part DP CGBDP
1/2	CGBA-.5	CGBB-.5	CGBC-.5	CGBD-.5	CGBE-.5	CGBF-.5	CGBDC-.5	CGBDP-.5
3/4	CGBA-.75	CGBB-.75	CGBC-.75	CGBD-.75	CGBE-.75	CGBF-.75	CGBDC-.75	CGBDP-.75
1	CGBA-1	CGBB-1	CGBC-1	CGBD-1	CGBE-1	CGBF-1	CGBDC-1	CGBDP-1
1-1/4	CGBA-1.25	CGBB-1.25	CGBC-1.25	CGBD-1.25	CGBE-1.25	CGBF-1.25	CGBDC-1.25	CGBDP-1.25
1-1/2	CGBA-1.5	CGBB-1.5	CGBC-1.5	CGBD-1.5	CGBE-1.5	CGBF-1.5	CGBDC-1.5	CGBDP-1.5
2	CGBA-2	CGBB-2	CGBC-2	CGBD-2	CGBE-2	CGBF-2	CGBDC-2	CGBDP-2
2-1/2	CGBA-2.5	CGBB-2.5	CGBC-2.5	CGBD-2.5	CGBE-2.5	CGBF-2.5	CGBDC-2.5	CGBDP-2.5
3	CGBA-3	CGBB-3	CGBC-3	CGBD-3	CGBE-3	CGBF-3	CGBDC-3	CGBDP-3
4	CGBA-4	CGBB-4	CGBC-4	CGBD-4	CGBE-4	CGBF-4	CGBDC-4	CGBDP-4
5	CGBA-5	CGBB-5	CGBC-5	CGBD-5	CGBE-5	CGBF-5	CGBDC-5	CGBDP-5
6	CGBA-6	CGBB-6	CGBC-6	CGBD-6	CGBE-6	CGBF-6	CGBDC-6	CGBDP-6



GLASS REINFORCED POLYPROPYLENE CAM & GROOVE COUPLINGS

Glass reinforced cam type couplings are lightweight and have good chemical resistance to a wide variety of agricultural chemicals. All sizes come with S.S. Arms. Available in sizes from 1/2" to 6"

**** Not for use with compressed air ****

PART NUMBER = PREFIX - SIZE (in decimal equiv.) i.e. 1/2" Part A = CGPA-.5

ATTACHED PART NUMBER = PREFIXA - SIZE i.e. 1/2" Part C att'd = CGPCSA-.5

Size Inches	Part A CGPA	Part B CGPB	Part C CGPC	Part D CGPD	Part E CGPE	Part F CGPF	Part DC CGPDC	Part DP CGPDP
1/2	CGPA-.5	CGPBS-.5	CGPCS-.5	CGPDS-.5	CGPE-.5	CGPF-.5	CGPDCS-.5	CGPDP-.5
3/4	CGPA-.75	CGPBS-.75	CGPCS-.75	CGPDS-.75	CGPE-.75	CGPF-.75	CGPDCS-.75	CGPDP-.75
1	CGPA-1	CGPBS-1	CGPCS-1	CGPDS-1	CGPE-1	CGPF-1	CGPDCS-1	CGPDP-1
1-1/4	CGPA-1.25	CGPBS-1.25	CGPCS-1.25	CGPDS-1.25	CGPE-1.25	CGPF-1.25	CGPDCS-1.25	CGPDP-1.25
1-1/2	CGPA-1.5	CGPBS-1.5	CGPCS-1.5	CGPDS-1.5	CGPE-1.5	CGPF-1.5	CGPDCS-1.5	CGPDP-1.5
2	CGPA-2	CGPBS-2	CGPCS-2	CGPDS-2	CGPE-2	CGPF-2	CGPDCS-2	CGPDP-2
3	CGPA-3	CGPBS-3	CGPCS-3	CGPDS-3	CGPE-3	CGPF-3	CGPDCS-3	CGPDP-3
4	CGPA-4	CGPBS-4	CGPCS-4	CGPDS-4	CGPE-4	CGPF-4	CGPDCS-4	CGPDP-4

* 1/2" have 3/4" couplers and adapters
1- 1/4" have 1-1/2" couplers and adapters



ALUMINUM REDUCER - ADAPTER X FEMALE NPT

Parts No.	Size Inches
CGA-3020A	3 x 2
CGA-4030A	4 x 3



ALUMINUM REDUCER - COUPLER X MALE NPT

Parts No.	Size Inches
CGA-4030B	4 x 3



ALUMINUM REDUCER - COUPLER X HOSE SHANK

Parts No.	Size Inches
CGA-3020C	3 x 2
CGA-3040C	3 x 4
CGA-4030C	4 x 3



ALUMINUM REDUCER - ADAPTER X HOSE SHANK

Parts No.	Size Inches
CGA-3020E	3 x 2
CGA-4030E	4 x 3



ALUMINUM REDUCER - COUPLER X ADAPTER

Parts No.	Size Inches
CGA-3020DA	3 x 2
CGA-3040DA	3 x 4
CGA-4030DA	4 x 3
CGA-4060DA	4 x 6
CGA-6040DA	6 x 4



STAINLESS REDUCER - COUPLER X ADAPTER

Parts No.	Size Inches
CGS-3020DA	3 x 2
CGS-4030DA	4 x 3

Cam & Groove Fittings

Cam & Groove Fittings



CGA-3030AA

ALUMINUM SPOOL - ADAPTER X ADAPTER

Parts No.	Size Inches
CGA-2020AA	2 x 2
CGA-2030AA	2 x 3
CGA-3030AA	3 x 3
CGA-3040AA	3 x 4
CGA-4060AA	4 x 6

STAINLESS SPOOL - ADAPTER X ADAPTER

Parts No.	Size Inches
CGS-2020AA	2 x 2
CGS-3030AA	3 x 3



CGA-3030DD

ALUMINUM SPOOL - COUPLER X COUPLER

Parts No.	Size Inches
CGA-2020DD	2 x 2
CGA-3030DD	3 x 3
CGA-4040DD	4 x 4

STAINLESS SPOOL - COUPLER X COUPLER

Parts No.	Size Inches
CGS-2020DD	2 x 2
CGS-3030DD	3 x 3



CGWN

BUNA N (NITRILE CAM & GROOVE WASHERS)

Temperature Range: -40°C to 107°C (-40°F to 225°F)

Parts No.	Size Inches
CGWN-.5	1/2
CGWN-.75	3/4
CGWN-1	1
CGWN-1.25	1-1/4
CGWN-1.5	1-1/2
CGWN-2	2
CGWN-2.5	2-1/2
CGWN-3	3
CGWN-4	4
CGWN-5	5
CGWN-6	6



CGHRPA

CAM ARM ASSEMBLIES

FOR ALUMINUM CAM & GROOVE

Parts No.	Size Inches
CGHRPA-.5-.75	1/2-3/4
CGHRPA-1	1
CGHRPA-1.25-2.5	1-1/4-2-1/2
CGHRPA-3-4	3-4
CGHRPA-6	6

FOR STAINLESS CAM & GROOVE

Parts No.	Size Inches
CGHRPS-.5-.75	1/2-3/4
CGHRPS-1	1
CGHRPS-1.25-2.5	1-1/4-2-1/2
CGHRPS-3-4	3-4
CGHRPS-6	6



CGHRPS



NATHS

NATIONAL SERIES A - ZINC PLATED STEEL

These safety fittings have a double lock system to ensure maximum safety against accidental uncoupling.

HOSE ENDS WITH LOCKING SLEEVE

Parts No.	Size Inches	Thor Part Number	WT.EA. lbs.
NATHS-6	3/8	2070	0.49
NATHS-8	1/2	2071	0.52
NATHS-12	3/4	2072	0.58
NATHS-16	1	22657	1.02



NATHMS

MALE PIPE THREAD. NO LOCKING SLEEVE

Parts No.	Size Inches	Thor Part Number	WT.EA. lbs.
NATMS-6	3/8	2073	0.35
NATMS-8	1/2	2074	0.36
NATMS-12	3/4	2075	0.45
NATMS-16	1	2076	0.78



NATHMLS

MALE PIPE THREAD WITH LOCKING SLEEVE

Parts No.	Size Inches	Thor Part Number	WT.EA. lbs.
NATMLS-6	3/8	101049	0.46
NATMLS-8	1/2	72569	0.52
NATMLS-12	3/4	22434	0.74



NATHFS

NATIONAL SERIES A - ZINC PLATED STEEL

These safety fittings have a double lock system to ensure maximum safety against accidental uncoupling.

FEMALE PIPE THREAD. NO LOCKING SLEEVE

Parts No.	Size Inches	Thor Part Number	WT.EA. lbs.
NATFS-6	3/8	2077	0.31
NATFS-8	1/2	2078	0.42
NATFS-12	3/4	2079	0.52



NATHFLS

FEMALE PIPE THREAD. WITH LOCKING SLEEVE

Parts No.	Size Inches	Thor Part Number	WT.EA. lbs.
NATFLS-8	1/2	-	0.50
NATFLS-12	3/4	22081	0.62



NATG

NITRILE GASKET

Parts No.	Thor Part Number
NATG-100	2081



NAT200

LOCKING KEYS

Parts No.	Compatibility
NAT201-S	NATMLS-12, NATFLS-8, NATFLS-12
NAT200-S	FITS ALL OTHER COUPLINGS
NAT203-W	SPRING LOCK

Locking sleeve models are recommended. Non-locking sleeve models must have a positive means, such as a chain or whipcheck, added by the user to prevent the tool or hose from being accidentally disconnected.



SELFM

SELF RETRACTING AIR HOSE FITTINGS

Brass Self Retracting Fittings are used on our Nylon Self Retracting Air Hose.

Parts No.	Size Inches	Thread Style
SELFM-.25	1/4	MALE
SELFM-.375	3/8	MALE
SELFM-.5	1/2	MALE
SELFM-.75	3/4	MALE



RN

RUBBER NOZZLES

IRP's rubber nozzles come with a moulded in hose mender to allow for easy hook up. These nozzles are made from white SBR/Natural blended rubber.

Parts No.	Size Inches
RN-.75	3/4
RN-1	1

Nozzle with mender for attachment to hose.

Mining Hose Fittings



MHS

MINING HOSE STEMS

Mining hose fittings are mainly used for underground air/water service in the mining industry. These fittings are made from zinc plated steel.

STEM LOOSE

Parts No.	Size Inches
MHS-.5	1/2 x 1/2
MHS-.5-1	1/2 x 1
MHS-.75-1	3/4 x 1
MHS-1	1 x 1
MHS-1.25	1-1/4 x 1-1/4
MHS-1.5	1-1/2 x 1-1/2
MHS-1.5-XL	1-1/2 x 1-1/2 - Extra Long
MHS-2	2 x 2
MHS-2-XL	2 x 2 - Extra Long



MHN

MINING HOSE HEX NUTS

Mining hose stems and nuts are used on compressed air hoses in mining applications.

Parts No.	Size Inches
MHN-.5	1/2
MHN-1	1
MHN-1.25	1-1/4
MHN-1.5	1-1/2
MHN-2	2



MHJ

MINING HOSE JOINERS

Mining hose fittings are mainly used for underground air/water service in the mining industry. These fittings are made from zinc plated steel.

Parts No.	Size Inches
MHJ-.5	1/2
MHJ-.75	3/4
MHJ-1	1
MHJ-1.25	1-1/4
MHJ-1.25-8	1-1/4 - Extra Long
MHJ-1.5	1-1/2
MHJ-1.5-8	1-1/2 - Extra Long
MHJ-2	2
MHJ-2-8	2 - Extra Long



PN

PIPE NIPPLE

Pipe nipples are used to join two mining hose nuts to connect assemblies together.

Parts No.	Size Inches
PN-1	1



MHFS

MINING HOSE FEMALE SPUDS

HEX NUTS

Parts No.	Size Inches Female NPT X Nut Thread
MHFS-.375-1	3/8 x 1
MHFS-.75-1	3/4 x 1
MHFS-.75-1.25	3/4 x 1-1/4
MHFS-1-1	1 x 1



BALL

BRASS BALL VALVES - FULL PORT

600 WOG (water, oil, gas)

Construction:

- Forged brass construction
- Chrome plated brass ball
- Teflon seat, seals & washers
- Integrated locking handle
- Blow out proof stem

Temperature:

-40°C to +150°C (-40°F to +302°F)

Part #	Size Inches
BALL-.25	1/4
BALL-.375	3/8
BALL-.5	1/2
BALL-.75	3/4
BALL-1	1
BALL-1.25	1-1/4
BALL-1.5	1-1/2
BALL-2	2
BALL-2.5	2-1/2
BALL-3	3
BALL-4	4



BALL-SS

316 STAINLESS STEEL BALL VALVES

1000 WOG (water, oil, gas)

Construction:

- 316 stainless steel body and stem
- ASTM-CF8-A351 stainless ball
- Teflon seat, seals & washers
- Integrated locking handle
- Blow out proof stem

Temperature:

-51°C to +232°C (-60°F to +450°F)

Part #	Size Inches
BALL-SS-.25	1/4
BALL-SS-.375	3/8
BALL-SS-.5	1/2
BALL-SS-.75	3/4
BALL-SS-1	1
BALL-SS-1.25	1-1/4
BALL-SS-1.5	1-1/2
BALL-SS-2	2



PREF

PREFORMED CLAMPS

HIGH-STRENGTH GALV. CARBON STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-4	1	100
PREF-5	1-1/4	100
PREF-6	1-1/2	100
PREF-7	1-3/4	100
PREF-8	2	100
PREF-9	2-1/4	100
PREF-10	2-1/2	50
PREF-11	2-3/4	50
PREF-12	3	50
PREF-14	3-1/2	50
PREF-16	4	25
PREF-18	4-1/2	25
PREF-20	5	25
PREF-24	6	25
PREF-28	7	25
PREF-32	8	25

201-STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-3	13/16	100
PREF-311	1-3/8	100

STAINLESS STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-4S	1	100
PREF-5S	1-1/4	100
PREF-6S	1-1/2	100
PREF-7S	1-3/4	100
PREF-8S	2	100
PREF-9S	2-1/4	100
PREF-10S	2-1/2	50
PREF-11S	2-3/4	50
PREF-12S	3	50
PREF-14S	3-1/2	50
PREF-16S	4	25
PREF-18S	4-1/2	25
PREF-20S	5	25
PREF-24S	6	25

STAINLESS STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
PREF-3S	13/16	100
PREF-311S	1-3/8	100



OPEN

OPEN END CLAMPS

STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-8	2	100
OPEN-10	2-1/2	50
OPEN-12	3	50
OPEN-14	3-1/2	50
OPEN-16	4	25
OPEN-18	4-1/2	25
OPEN-20	5	25
OPEN-24	6	25
OPEN-28	7	25
OPEN-32	8	25
OPEN-36	9	25
OPEN-40	10	25
OPEN-48	12	25

STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-311	1-3/8	100
OPEN-316	2	100
OPEN-325	3-3/8	100

* 10% surcharge on non-standard box quantities.

STAINLESS STEEL - 5/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-8S	2	100
OPEN-10S	2-1/2	50
OPEN-12S	3	50
OPEN-14S	3-1/2	50
OPEN-16S	4	25
OPEN-18S	4-1/2	25
OPEN-20S	5	25
OPEN-24S	6	25
OPEN-28S	7	25
OPEN-32S	8	25
OPEN-36S	9	25
OPEN-40S	10	25
OPEN-48S	12	25

STAINLESS STEEL - 3/8" WIDE

Parts No.	Inside Diameter Inches	Standard Package
OPEN-311S	1-3/8	100
OPEN-316S	2	100
OPEN-325S	3-3/8	100

* 10% surcharge on non-standard box quantities.



STRP

STRAPPING AND BUCKLES

STRAPPING

Parts No.	Size Inches	Gauge Inches
STRP-203	3/8	.025
STRP-204	1/2	.030
STRP-205	5/8	.030
STRP-206	3/4	.030

BUCKLES

Parts No.	Size Inches	Gauge Inches
BUK-253	3/8	.025
BUK-254	1/2	.030
BUK-255	5/8	.030
BUK-256	3/4	.030



PB-001 BANDING TOOL
PART NUMBER: TOOL-001



CENTRE PUNCH LOCKING TOOL (NO Mallet)
PART NUMBER: PLP-1



P38 CENTRE PUNCH LOCKING TOOL
PART NUMBER: PLP-38



CENTRE PUNCH LOCKING TOOL
PART NUMBER: P-1000



MH

MH GEAR CLAMPS

For use in applications where space is limited. Not recommended for underground applications. 1/4" slotted HEX head screw & 5/16" wide band. 301 stainless steel band and housing. Carbon steel screw.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
MH-4	10	1000	7/32	7/16	5/8
MH-5	10	1000	7/16	1/2	11/16
MH-6	10	1000	5/16	5/8	7/8
MH-8	10	1000	7/16	3/4	1
MH-10	10	1000	1/2	3/4	1-1/16
MH-12	10	500	9/16	13/16	1-1/4
MH-16	10	500	11/16	1-1/16	1-1/2
MH-20	10	500	7/8	1-5/16	1-3/4
MH-24	10	500	1-5/16	1-5/8	2
MH-28	10	500	1-9/16	1-7/8	2-1/4
MH-32	10	500	1-13/16	2-1/8	2-1/2
MH-36	10	500	2-1/16	1-7/16	2-3/4



MAS-6

MAH & MAS GEAR CLAMPS

For use in corrosive applications where space is limited. Recommended for underground applications.

- MAH-** 1/4" slotted HEX head screw & 5/16" wide band.
301 stainless steel band and housing. 410 stainless steel screw.
- MAS-** 1/4" slotted HEX head screw & 5/16" wide band.
301 stainless steel band, housing and screw.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
MAS-4	10	1000	7/32	7/16	5/8
MAS-6	10	1000	5/16	5/8	7/8
MAH-4	10	1000	7/32	7/16	5/8
MAH-6	10	1000	5/16	5/8	7/8
MAH-8	10	1000	7/16	3/4	1
MAH-10	10	1000	1/2	3/4	1-1/16
MAH-12	10	500	9/16	13/16	1-1/4
MAH-16	10	500	11/16	1-1/16	1-1/2
MAH-20	10	500	7/8	1-5/16	1-3/4
MAH-24	10	500	1-5/16	1-5/8	2
MAH-28	10	500	1-9/16	1-7/8	2-1/4
MAH-32	10	500	1-13/16	2-1/8	2-1/2
MAH-36	10	500	2-1/16	1-7/16	2-3/4



HS

HS GEAR CLAMPS

General service gear clamps for use in OEM applications, manufacturing and jobsite repairs.

Not recommended for underground applications.

5/16" HEX slotted carbon steel screw.

1/2" 201 stainless steel band.

301 stainless steel housing.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
HS-6	10	500	3/8	7/16	7/8
HS-8	10	500	7/16	1/2	1
HS-10	10	500	9/16	5/8	1-1/16
HS-12	10	500	9/16	3/4	1-1/4
HS-16	10	500	11/16	1	1-1/2
HS-20	10	500	3/4	1-1/4	1-3/4
HS-24	10	500	1-1/16	1-1/2	2
HS-28	10	500	1-5/16	1-3/4	2-1/4
HS-32	10	400	1-9/16	2	2-1/2
HS-36	10	400	1-13/16	2-1/4	2-3/4
HS-40	10	400	2-1/16	2-1/2	3
HS-44	10	400	2-5/16	2-3/4	3-1/4
HS-48	10	300	2-9/16	3	3-1/2
HS-52	10	300	2-13/16	3-1/4	3-3/4
HS-56	10	300	3-1/16	3-1/2	4
HS-60	10	200	3-5/16	3-3/4	4-1/4
HS-64	10	100	2-1/2	3-1/2	4-1/2
HS-72	10	100	3	4	5
HS-80	10	100	3-1/2	4-1/2	5-1/2
HS-84	10	100	3-3/4	4-3/4	5-3/4
HS-88	10	100	4	5	6
HS-96	10	100	4-1/2	6	6-1/2
HS-104	10	100	5	6-1/2	7
HS-116	1	100	5-3/4	7	7-3/4
HS-128	1	100	6-1/2	8	8-1/2
HS-152	1	100	2	6	10
HS-164	1	100	1-3/4	6-1/4	10-3/4
HS-188	1	100	2-1/16	7-3/16	12-1/4
HS-200	1	100	11	12-1/2	13
HS-212	1	100	11-3/4	13-1/4	13-3/4
HS-224	1	100	12-1/2	14	14-1/2
HS-236	1	100	13-1/4	14-3/4	15-1/4
HS-248	1	100	1-3/4	8-7/8	16
HS-270	1	100	15-3/8	16-5/8	17-3/8
HS-312	1	100	18	19-1/2	20
HS-390	1	100	14-5/8	24	25



HAS

HAS GEAR CLAMPS

All stainless gear clamps for use in OEM applications, manufacturing and jobsite repairs.

Not recommended for underground applications.

5/16" HEX slotted 305 stainless steel screw.

1/2" 301 stainless steel band.

301 stainless steel housing.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
HAS-6	10	500	3/8	7/16	7/8
HAS-8	10	500	7/16	1/2	1
HAS-10	10	500	9/16	5/8	1-1/16
HAS-12	10	500	9/16	3/4	1-1/4
HAS-16	10	500	11/16	1	1-1/2
HAS-20	10	500	3/4	1-1/4	1-3/4
HAS-24	10	500	1-1/16	1-1/2	2
HAS-28	10	500	1-5/16	1-3/4	2-1/4
HAS-32	10	400	1-9/16	2	2-1/2
HAS-36	10	400	1-13/16	2-1/4	2-3/4
HAS-40	10	400	2-1/16	2-1/2	3
HAS-44	10	400	2-5/16	2-3/4	3-1/4
HAS-48	10	300	2-9/16	3	3-1/2
HAS-52	10	300	2-13/16	3-1/4	3-3/4
HAS-56	10	300	3-1/16	3-1/2	4
HAS-60	10	200	3-5/16	3-3/4	4-1/4
HAS-64	10	100	2-1/2	3-1/2	4-1/2
HAS-72	10	100	3	4	5
HAS-80	10	100	3-1/2	4-1/2	5-1/2
HAS-84	10	100	3-3/4	4-3/4	5-3/4
HAS-88	10	100	4	5	6
HAS-96	10	100	4-1/2	6	6-1/2
HAS-104	10	100	5	6-1/2	7
HAS-116	1	100	5-3/4	7	7-3/4
HAS-128	1	100	6-1/2	8	8-1/2
HAS-152	1	100	2	6	10
HAS-164	1	100	1-3/4	6-1/4	10-3/4
HAS-188	1	100	2-1/16	7-3/16	12-1/4
HAS-200	1	100	11	12-1/2	13
HAS-212	1	100	11-3/4	13-1/4	13-3/4
HAS-224	1	100	12-1/2	14	14-1/2
HAS-236	1	100	13-1/4	14-3/4	15-1/4
HAS-248	1	100	1-3/4	8-7/8	16
HAS-270	1	100	15-3/8	16-5/8	17-3/8
HAS-312	1	100	18	19-1/2	20
HAS-390	1	100	14-5/8	24	25



ET

ETM & ET GEAR CLAMPS

Shielded gear clamps used to seal silicone hoses without cutting the soft cover. Available in narrow and wide band.

301 stainless band & housing. Carbon steel screw.

ETM- 1/4" HEX slotted screw, 5/16" wide band.

ET- 5/16" HEX slotted screw, 1/2" wide band.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
ETM-4	10	1000	5/16	7/16	9/16
ETM-6	10	1000	9/16	11/16	7/8
ETM-12	500	500	13/16	1-1/8	1-5/16
ET-8	10	500	5/8	1/2	13/16
ET-10	10	500	9/16	13/16	1-1/16
ET-12	10	500	11/16	1	1-5/16
ET-16	10	500	3/4	1-1/8	1-1/2
ET-20	10	500	1-3/8	1-5/8	1-13/16
ET-24	10	500	1-1/2	1-3/4	2
ET-28	10	500	1-3/4	2	2-1/4
ET-32	10	400	2	2-1/4	2-1/2
ET-36	10	400	1-13/16	2-1/4	2-3/4
ET-40	10	400	2-1/6	2-9/16	3-1/16
ET-44	10	400	2-5/16	2-3/4	3-1/4
ET-48	10	300	2-9/16	3-1/16	3-9/16
ET-56	10	100	3-1/8	3-5/8	4-1/6
ET-60	10	100	3-5/16	3-1/4	4-1/4
ET-64	10	100	3-9/16	4	4-1/2



LAS

LAS (QUICK RELEASE) GEAR CLAMPS

Quick release are used in applications where a hose is continuously removed and reassembled on the fitting.

5/16" HEX slotted head screw & 9/16" wide band.

301 stainless steel band & housing. 410 stainless steel screw.

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
LAS-36	10	100	1	2-1/4	2-3/4
LAS-48	10	100	1-1/2	3	3-1/2
LAS-56	10	100	1	3-1/2	4
LAS-72	10	100	2	4-1/2	5
LAS-88	10	100	2-1/16	5-1/2	6
LAS-96	10	100	3-1/2	6	6-9/16
LAS-104	10	100	1-3/4	6-1/2	7
LAS-128	10	100	1-3/4	8	8-9/16
LAS-152	10	100	2	9-1/2	10
LAS-188	10	100	2-1/6	11-3/4	12-5/16
LAS-216	10	100	10-3/16	13-1/2	14
LAS-248	10	100	1-3/4	14	16
LAS-280	10	100	14-1/4	17-1/2	18
LAS-312	10	100	1-7/8	11	20



359-006

ALL 316 STAINLESS STEEL GEAR CLAMPS

Recommended for underground, marine and highly corrosive environments.

- 359-** 1/4" HEX slotted screw, 5/16" wide band
665- 5/16" HEX slotted screw, 1/2" wide band

Parts No.	STD Pkg	Bulk Pkg	Size Range		
			Min.	Nom.	Max.
359-004	10	1000	7/32	7/16	5/8
359-006	10	1000	5/16	5/8	7/8
665-010	10	500	9/16	13/16	1-1/16
665-012	10	500	9/16	15/16	1-5/16
665-016	10	500	11/16	1	1-1/2
665-020	10	500	3/4	1-1/4	1-3/4
665-024	10	500	1-1/16	1-1/2	2
665-028	10	500	1-5/16	1-3/4	2-1/4
665-032	10	400	1-9/16	2	2-1/2
665-036	10	400	1-13/16	2-1/4	2-3/4
665-044	10	400	2-5/16	2-3/4	3-1/4
665-052	10	300	2-13/16	3-1/4	3-3/4
665-060	10	200	3-5/16	3-3/4	4-1/4
665-072	10	200	4-1/6	4-1/2	5
665-088	10	200	4-1/8	5-1/6	5
665-104	10	100	5	6-1/2	7



OET

OETIKER 2 EAR CLAMPS

Zinc plated two ear clamps used for OEM, automotive and field repairs for hoses.

Please note: Check the hose O.D. before ordering.

Parts No.	Normal Size	Inside Dia. Inches		Standard Box Quantities
		Closed	Open.	
OET-0041	5/32	.122	.161	100
OET-0045	11/64	.138	.177	100
OET-0305	3/16	.118	.197	100
OET-0507	1/4	.197	.276	100
OET-0709	5/16	.276	.354	100
OET-0811	3/8	.315	.433	100
OET-1113	1/2	.433	.512	100
OET-1315	9/16	.512	.591	100
OET-1517	19/32	.591	.669	100
OET-1518	5/8	.591	.708	100
OET-1720	3/4	.669	.787	100
OET-1922	13/16	.748	.866	100
OET-2023	7/8	.787	.905	100
OET-2225	15/16	.866	.984	100
OET-2327	1	.905	1.063	100
OET-2528	1-1/16	.984	1.012	100
OET-2731	1-1/8	1.063	1.220	100
OET-3134	1-5/16	1.220	1.339	100
OET-3740	1-1/2	1.457	1.575	100
OET-4043	1-5/8	1.575	1.693	100
OET-4346	1-3/4	1.693	1.811	100

Narrow width clamps, 3-ear clamps, twin clamps, stainless steel clamps, clamp kits, and other special tools and fittings are available. Prices on request.



OETIKER PINCERS

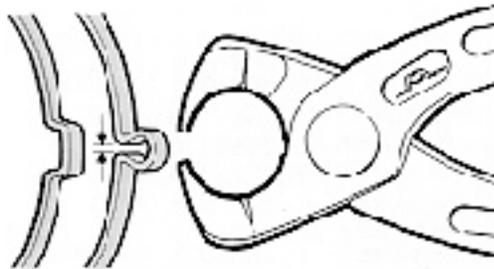
Used for Oetiker one ear, two ear and stepless clamps.

1098 STANDARD "STRAIGHT-JAW" PINCERS
PART NUMBER: OET-1098



1099 SIDE JAW PINCERS
PART NUMBER: OET-1099

INSTALLATION





TBOLTC

CARBON STEEL T-BOLT CLAMPS

Carbon Steel T-Bolt clamps have a wide variety of uses such as hydraulic suction and discharge and suction hose assemblies. These clamps are used where gear clamps do not provide adequate strength. They have a large size range and are tightened with a standard socket wrench. The band has a beveled edge which helps to prevent damage to the hose cover when tightened.

Please note: Check the hose O.D. before ordering

Parts No.	Size Range Inches	
	From	To
TBOLTC- 17-19	22/32	24/32
TBOLTC- 20-22	25/32	28/32
TBOLTC- 23-25	29/32	1
TBOLTC- 26-28	1-1/32	1-3/32
TBOLTC- 29-31	1-5/32	1-7/32
TBOLTC- 32-35	1-9/32	1-12/32
TBOLTC- 36-39	1-13/32	1-17/32
TBOLTC- 40-43	1-18/32	1-22/32
TBOLTC- 44-47	1-23/32	1-27/32
TBOLTC- 48-51	1-28/32	2
TBOLTC- 52-55	2-2/32	2-5/32
TBOLTC- 56-59	2-7/32	2-10/32
TBOLTC- 60-63	2-11/32	2-15/32
TBOLTC- 64-67	2-17/32	2-20/32
TBOLTC- 68-73	2-22/32	2-28/32
TBOLTC- 74-79	2-29/32	3-3/32
TBOLTC- 80-85	3-5/32	3-10/32
TBOLTC- 86-91	3-12/32	3-18/32
TBOLTC- 92-97	3-20/32	3-26/32
TBOLTC- 98-103	3-27/32	4-2/32
TBOLTC- 104-112	4-3/32	4-12/32
TBOLTC- 113-121	4-14/32	4-24/32
TBOLTC- 122-130	4-25/32	5-4/32
TBOLTC- 131-139	5-4/32	5-16/32
TBOLTC- 140-148	5-16/32	5-28/32
TBOLTC- 149-161	5-28/32	6-12/32
TBOLTC- 162-174	6-12/32	6-28/32
TBOLTC- 175-187	6-28/32	7-12/32
TBOLTC- 188-200	7-12/32	7-28/32
TBOLTC- 201-213	7-28/32	8-12/32
TBOLTC- 214-226	8-12/32	8-28/32
TBOLTC- 227-239	8-28/32	9-12/32
TBOLTC- 240-252	9-12/32	9-28/32



TBOLTS

STAINLESS STEEL T-BOLT CLAMPS - 302 S.S.

Stainless Steel T-Bolt clamps are used where there is risk of corrosion such as marine, coolant and food applications. These clamps are used where gear clamps do not provide adequate strength. They have a large size range and are tightened with a standard socket wrench. The band has a beveled edge which helps to prevent damage to the hose cover when tightened.

Please note: Check the hose O.D. before ordering.

Parts No.	Size Range Inches	
	From	To
TBOLTS- 17-19	22/32	24/32
TBOLTS- 20-22	25/32	28/32
TBOLTS- 23-25	29/32	1
TBOLTS- 26-28	1-1/32	1-3/32
TBOLTS- 29-31	1-5/32	1-7/32
TBOLTS- 32-35	1-9/32	1-12/32
TBOLTS- 36-39	1-13/32	1-17/32
TBOLTS- 40-43	1-18/32	1-22/32
TBOLTS- 44-47	1-23/32	1-27/32
TBOLTS- 48-51	1-28/32	2
TBOLTS- 52-55	2-2/32	2-5/32
TBOLTS- 56-59	2-7/32	2-10/32
TBOLTS- 60-63	2-11/32	2-15/32
TBOLTS- 64-67	2-17/32	2-20/32
TBOLTS- 68-73	2-22/32	2-28/32
TBOLTS- 74-79	2-29/32	3-3/32
TBOLTS- 80-85	3-5/32	3-10/32
TBOLTS- 86-91	3-12/32	3-18/32
TBOLTS- 92-97	3-20/32	3-26/32
TBOLTS- 98-103	3-27/32	4-2/32
TBOLTS- 104-112	4-3/32	4-12/32
TBOLTS- 113-121	4-14/32	4-24/32
TBOLTS- 122-130	4-25/32	5-4/32
TBOLTS- 131-139	5-5/32	5-15/32
TBOLTS- 140-148	5-16/32	5-26/32
TBOLTS- 149-161	5-28/32	6-11/32
TBOLTS- 162-174	6-12/32	6-27/32
TBOLTS- 227-239	8-30/32	9-13/32



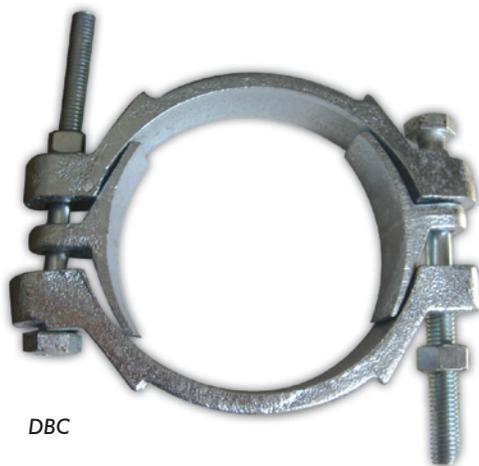
PLCR

POWERLOCK CLAMPS

Powerlock clamps are for use on PVC suction hoses with a convoluted cover. These fittings come in two different configurations. Left hand and right hand spiral. To determine which style is required look at the end of the hose: if the spiral helix runs in a clockwise direction (to the right), a right hand clamp is required. If the helix runs counter clockwise (to the left), a counter clockwise or left hand clamp should be used. These clamps are manufactured from plated steel. The spiral steel fits between the helices and creates a seal when tightened.

Kuritec - counter clockwise (left hand). Kanaflex, Pac Echo - clockwise (right hand).

Parts No. Left	Parts No. Right	Hose I.D. Inches
PLCL-1.5	PLCR-1.5	1-1/2
PLCL-2	PLCR-2	2
PLCL-2.5	PLCR-2.5	2-1/2
PLCL-3	PLCR-3	3
PLCL-4	PLCR-4	4
PLCL-5	PLCR-5	5
PLCL-6	PLCR-6	6
PLCL-8	PLCR-8	8
PLCL-10	PLCR-10	10



DBC

DOUBLE BOLT CLAMPS

Double bolt clamps are made of plated ductile iron. They are ideal for hose assemblies made on site. They are strong, durable and reusable.

Parts No.	Fits Hose O.D From Inches	To Inches
DBC-400	3-1/2	4
DBC-463	4-1/16	4-7/16
DBC-525	4-3/16	5
DBC-550	5	5-1/2
DBC-600	5-1/2	6-1/16
DBC-675	6-1/8	6-7/8
DBC-769	6-15/16	7-5/8
DBC-818	7-11/16	8-3/16
DBC-875	8-1/4	8-7/8
DBC-988	8-15/16	9-7/8
DBC-1125	9-15/16	11-3/8
DBC-1275	11-3/16	13

Crimping & Swaging

More and more, industry demands engineered coupling systems and testing/certification for industrial hose assemblies.

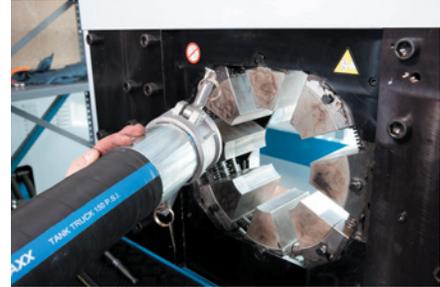
We offer the following services with numerous end configurations.

FP160VS FINN-POWER CRIMPER

CRIMPING



- 360 Degree uniform seal
- Better coupling retention at higher pressures
- No protruding metal clamps
- Crimping up to 6" ID



50 TON DIXON HOLEDALL SWAGING MACHINE

SWAGING

IRP also swages using our Dixon Bayco **50 Ton Ram**. Internal up to 4" ID and external up to 6" ID.



TESTING



IRP offers proof and burst testing, and has a wide range of **Canadian Registration Numbers** for a variety of hose assemblies and applications.