

IRP Couplings & Clamps Index

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COUPLINGS & CLAMPS

IRP Couplings & Clamps Index

Product:

Aluminum Spool - Adapter X Adapter
Aluminum Spool - Coupler X Coupler
Buna N (Nitrile Cam & Groove Washers)
Cam Arm Assemblies
Preformed Clamps
Open End Clamps
Strapping & Buckles
Tools
P-1 Replacement Parts
P-38 Replacement Parts
MH Gear Clamps
MAH & MAS Gear Clamps
HS Gear Clamps
HAS Gear Clamps
ETM & ET Gear Clamps
LAS (Quick Release) Gear Clamps
All 316 Stainless Steel Gear Clamps
Oetiker 2 Ear Clamps
Oetiker Pincers
National Series A - Zinc Plated Steel
National Series A - Zinc Plated Steel
Rubber Nozzles
Self Retracting Air Hose Fittings
Carbon Steel T-Bolt Clamps
Stainless Steel T-Bolt Clamps
Powerlock Clamps
Brass Ball Valves
316 Stainless Steel Ball Valves

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COUPLINGS & CLAMPS





PLATED STEEL MENDERS

Loose

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-2.0	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



MENP

PLATED STEEL MENDERS

Attached

Parts No.	Size Inches	Length Inches
MENPA-.5	1/2	3-1/2
MENPA-.75	3/4	4-1/4
MENPA-1	1	4-1/4
MENPA-1.25	1-1/4	4-1/2
MENPA-1.5	1-1/2	4-7/8
MENPA-2.0	2	4-7/8
MENPA-2.5	2-1/2	5-5/8
MENPA-3	3	6-5/8
MENPA-4	4	8-3/4
MENPA-5	5	9
MENPA-6	6	10
MENPA-8	8	12
MENPA-10	10	12

Attached prices based on attaching with centre punch clamps.
If attaching with different style clamp contact I.R.P.

COMBINATION NIPPLES

UNPLATED - HOSE SHANK X MALE NPT



CN

Loose

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-2.0	2
CN-2.5	2-1/2
CN-3	3
CN-4	4
CN-5	5
CN-6	6
CN-8	8

Attached

Parts No.	Size Inches
CNA-.5	1/2
CNA-.75	3/4
CNA-1	1
CNA-1.25	1-1/4
CNA-1.5	1-1/2
CNA-2.0	2
CNA-2.5	2-1/2
CNA-3	3
CNA-4	4
CNA-5	5
CNA-6	6
CNA-8	8

PLATED - HOSE SHANK X MALE NPT



CNP

Loose

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-2.0	2
CNP-2.5	2-1/2
CNP-3	3
CNP-4	4
CNP-5	5
CNP-6	6
CNP-8	8

Attached

Parts No.	Size Inches
CNPA-.5	1/2
CNPA-.75	3/4
CNPA-1	1
CNPA-1.25	1-1/4
CNPA-1.5	1-1/2
CNPA-2.0	2
CNPA-2.5	2-1/2
CNPA-3	3
CNPA-4	4
CNPA-5	5
CNPA-6	6
CNPA-8	8

Attached prices based on attaching with centre punch clamps.
If attaching with different style clamp contact I.R.P.

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

HEX NIPPLES

ZINC PLATED - HOSE SHANK X MALE NPT

Loose



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-2518	1	1

Attached



SHN

Parts No.	Shank Size Inches	NPT Size Inches
SHNA-2501	1/4	1/8
SHNA-2502	1/4	1/4
SHNA-2504	1/4	3/8
SHNA-2505	3/8	1/4
SHNA-2506	3/8	3/8
SHNA-2508	3/8	1/2
SHNA-2509	1/2	1/4
SHNA-2510	1/2	3/8
SHNA-2518	1	1

MACHINED BRASS G.J. BARBS

FEMALE STEMS

Loose

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

Attached

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

MALE STEMS

Loose

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

Attached

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

COMPLETE SETS

Loose

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

Attached

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

Machined brass barbs attached with brass ferrules or circle clamps.



MBF



MBM

**LONG SHANKS COMPLETE SETS****MACHINED BRASS - NPSM****Complete Set Loose**

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

Complete Set Attached

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

CAST BRASS - NPSM**Complete Set Loose**

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

Complete Set Attached

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

BRASS - G.H.T.**Complete Set Loose**

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

Complete Set Attached

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



LSBFA

LONG SHANK - FEMALE COMPONENTS

**MACHINED BRASS - NPSM
FEMALE LOOSE**

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

**CAST BRASS - NPSM
FEMALE LOOSE**

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

**MACHINED BRASS - GHT
FEMALE LOOSE**

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

FEMALE ATTACHED

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

FEMALE ATTACHED

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

FEMALE ATTACHED

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



LSBM

LONG SHANK - MALE COMPONENTS

**MACHINED BRASS - NPSM
MALE LOOSE**

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

**MACHINED BRASS - NPSM
MALE LOOSE**

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

**MACHINED BRASS - GHT
MALE LOOSE**

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

MALE ATTACHED

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

MALE ATTACHED

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

MALE ATTACHED

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



SSAS

SHORT SHANKS - COMPLETE SETS

ALUMINUM (FEMALE HAS MALLABLE IRON 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

Complete Set Attached

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

Attached prices based on attaching with centre punch clamps.
If attaching with different style clamp contact I.R.P.



SSAS



SSBS

SHORT SHANKS - COMPLETE SETS

BRASS - NPSM COMPLETE SET LOOSE

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

COMPLETE SET ATTACHED

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

BRASS - G.H.T. COMPLETE SET LOOSE

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

COMPLETE SET ATTACHED

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



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
GHSA-.75	3/4



SSAF

SHORT SHANKS - FEMALE COMPONENTS

ALUMINUM (MALLABLE IRON 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

FEMALE SET ATTACHED

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

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

FEMALE ATTACHED

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



SSBFGH

BRASS G.H.T.

FEMALE LOOSE

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

FEMALE ATTACHED

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



SSAM

SHORT SHANKS - MALE COMPONENTS

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

MALE SET ATTACHED

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

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

MALE ATTACHED

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



SSBMGH

BRASS G.H.T.

MALE LOOSE

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

MALE ATTACHED

Parts No.	Size Inches
SSBMGHA-.5	1/2
SSBMGHA-.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.



WHIP-L

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 P.S.I.



FVS

FOOT VALVE AND STRAINER

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



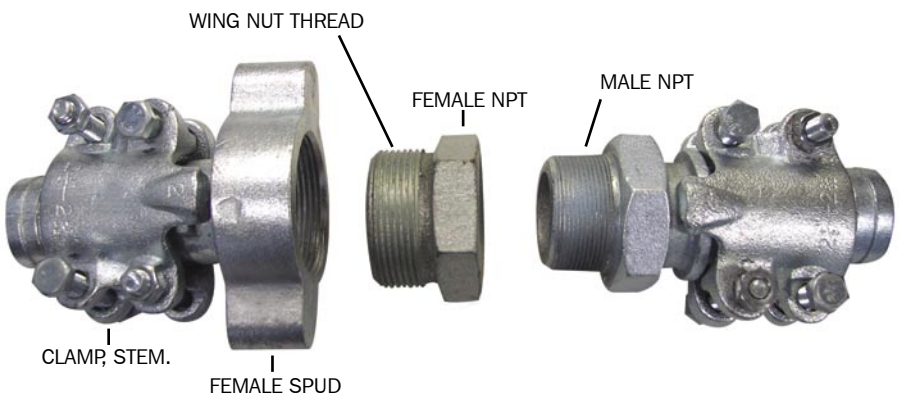
BS

BASKET STRAINERS WITHOUT VALVES

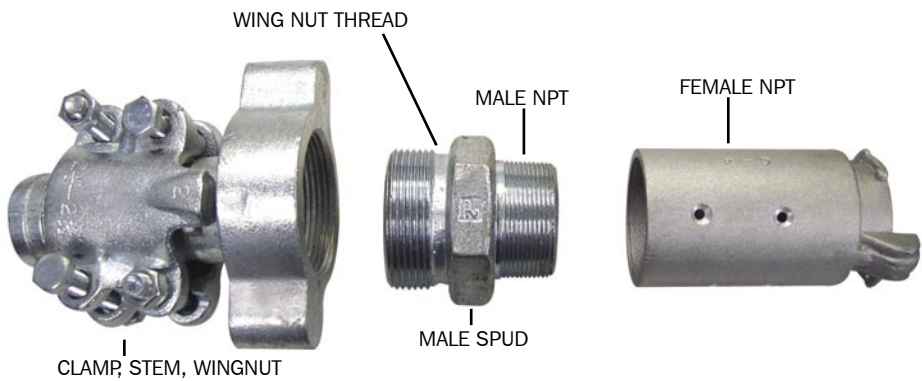
Parts No.	Size Inches
BS-1.5	1-1/2
BS-2	2
BS-2.5	2-1/2
BS-3	3
BS-4	4
BS-6	6

GROUND JOINT COUPLINGS

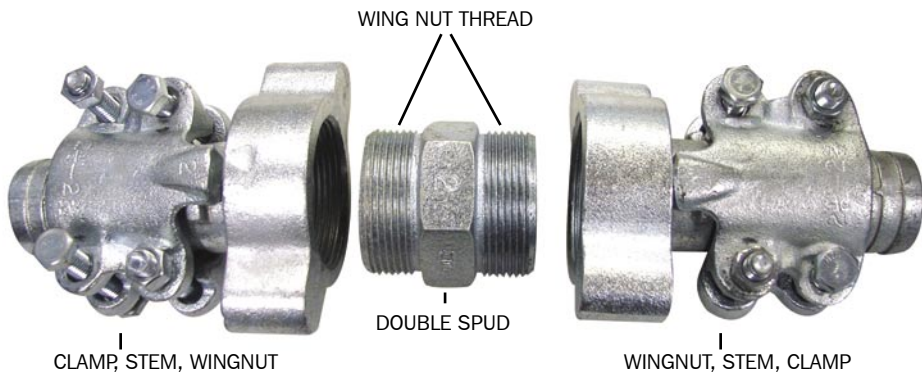
FEMALE SPUD COUPLINGS C/W CLAMPS



MALE SPUD COUPLINGS C/W CLAMPS



DOUBLE SPUD COUPLINGS C/W CLAMPS





GJFS

GROUND JOINT COUPLINGS

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 ATTACHED

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



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

ATTACHED

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

2-LUG

HOSE ENDS LOOSE

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

HOSE ENDS ATTACHED

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

HOSE ENDS ATTACHED

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

FEMALE ENDS

2-LUG		4-LUG	
Parts No.	Size Inches	Parts No.	Size Inches
UQAFE-.25	1/4	UQAFE-.125	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



UQAW

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)



SDBL

SANDBLAST COUPLINGS - ALUMINUM

COUPLING LOOSE

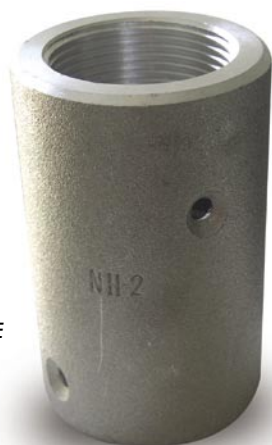
Parts No.	Hose I.D. Inches	Hose O.D. Inches	Coupling Number
SDBL-.75	3/4	1-1/2	Q1
SDBL-1	1	1-7/8	Q2
SDBL-1.25	1-1/4	2-5/32	Q3
SDBL-1.5	1-1/2	2-3/8	Q4

COUPLING ATTACHED

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



UQABE

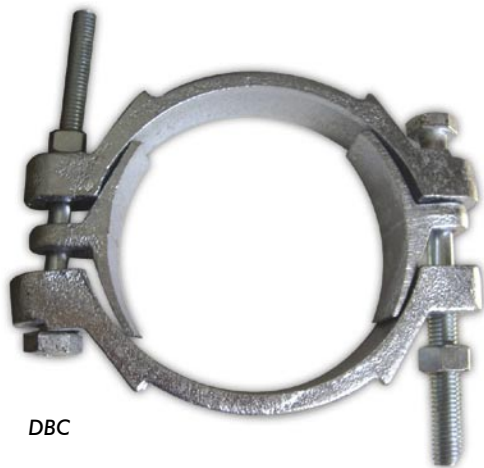
NOZZLE HOLDER COUPLING - ALUMINUM 1-1/4" FEMALE THREAD

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

COUPLING ATTACHED

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



DBC

DOUBLE BOLT CLAMPS

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
DBC-1450	13-3/16	15
DBC-1700	15-1/16	17-1/2



MHS

MINING HOSE STEMS

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	1x 1
MHS-1.25	1-1/4 x 1-1/4
MHS-1.5	1-1/2 x 1-1/2
MHS-2	2 x 2

STEM/NUT ATTACHED

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



MHN

MINING HOSE HEX NUTS

HEX NUTS

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

JOINER LOOSE

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

JOINER ATTACHED

Parts No.	Size Inches
MHJA-.5	1/2
MHJA-.75	3/4
MHJA-1	1
MHJA-1.25	1-1/4
MHJA-1.5	1-1/2
MHJA-1.5-8	1-1/2
MHJA-2	2 x 2



PN

PIPE NIPPLE

HEX NUTS

Parts No.	Size Inches
PN-1	1



MENP

SERRATED JOINERS

JOINER LOOSE

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

JOINER ATTACHED

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



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	1x1

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"
FEMALE COUPLER X MALE NPT



PART "DC"
DUST CAP



PART "DP"
DUST PLUG

MAXIMUM PRESSURE RATING P.S.I. 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**



ALUMINUM CAM & GROOVE COUPLINGS

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	CGABS-.5	CGACS-.5	CGADS-.5	CGAE-.5	CGAFS-.5	CGADCS-.5	CGADP-.5
3/4	CGAA-.75	CGABS-.75	CGACS-.75	CGADS-.75	CGAE-.75	CGAFS-.75	CGADCS-.75	CGADP-.75
1	CGAA-1	CGABS-1	CGACS-1	CGADS-1	CGAE-1	CGAFS-1	CGADCS-1	CGADP-1
1-1/4	CGAA-1.25	CGABS-1.25	CGACS-1.25	CGADS-1.25	CGAE-1.25	CGAFS-1.25	CGADCS-1.25	CGADP-1.25
1-1/2	CGAA-1.5	CGABS-1.5	CGACS-1.5	CGADS-1.5	CGAE-1.5	CGAFS-1.5	CGADCS-1.5	CGADP-1.5
2	CGAA-2	CGABS-2	CGACS-2	CGADS-2	CGAE-2	CGAFS-2	CGADCS-2	CGADP-2
2-1/2	CGAA-2.5	CGABS-2.5	CGACS-2.5	CGADS-2.5	CGAE-2.5	CGAFS-2.5	CGADCS-2.5	CGADP-2.5
3	CGAA-3	CGABS-3	CGACS-3	CGADS-3	CGAE-3	CGAFS-3	CGADCS-3	CGADP-3
4	CGAA-4	CGABS-4	CGACS-4	CGADS-4	CGAE-4	CGAFS-4	CGADCS-4	CGADP-4
5	CGAA-5	CGABS-5	CGACS-5	CGADS-5	CGAE-5	CGAFS-5	CGADCS-5	CGADP-5
6	CGAA-6	CGABS-6	CGACS-6	CGADS-6	CGAE-6	CGAFS-6	CGADCS-6	CGADP-6



STAINLESS STEEL CAM & GROOVE COUPLINGS

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	CGSFS-.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



BRASS CAM & GROOVE COUPLINGS

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	CGBCS-.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	CGBDCS-2	CGBDP-2
2-1/2	CGBA-2.5	CGBB-2.5	CGBC-2.5	CGBD-2.5	CGBE-2.5	CGBF-2.5	CGBDC2.5	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

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
2-1/2	CGPA-2.5	CGPBS-2.5	CGPCS-2.5	CGPDS-2.5	CGPE-2.5	CGPF-2.5	CGPDCS-2.5	CGPDP-2.5
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
5	CGPA-5	CGPBS-5	CGPCS-5	CGPDS-5	CGPE-5	CGPF-5	CGPDCS-5	CGPDP-5
6	CGPA-6	CGPBS-6	CGPCS-6	CGPDS-6	CGPE-6	CGPF-6	CGPDCS-6	CGPDP-6



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-4030D A	4 x 3



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



CGA-3030DD

ALUMINUM SPOOL - COUPLER X COUPLER

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



CGWN

BUNA N (NITRILE CAM & GROOVE WASHERS)

TEMP. RANGE: -40C to 107C (-40F to 225F)

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

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



CGHRPA

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



PREF

PREFORMED CLAMPS**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

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



OPENS

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

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



STRP

TOOLS

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

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

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

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	22-7/8	24-1/8	24-7/8



HAS

HAS GEAR CLAMPS

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	22-7/8	24-1/8	24-7/8

ET



ETM & ET GEAR CLAMPS

Recommended for silicone hose.

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

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

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

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

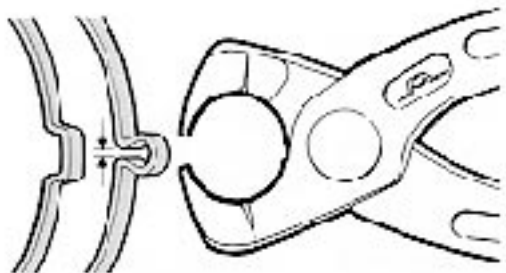


1098 STANDARD "STRAIGHT-JAW" PINCERS
PART NUMBER: OET-1098



1099 SIDE JAW PINCERS
PART NUMBER: OET-1099

INSTALLATION





NATHS

NATIONAL SERIES A - ZINC PLATED STEEL

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

NATIONAL SERIES A - ZINC PLATED STEEL

NATHFS



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.



RUBBER NOZZLES

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

Nozzle with mender for attachment to hose.



SELF RETRACTING AIR HOSE FITTINGS

LOOSE

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

ATTACHED

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



TBOLTC

CARBON STEEL T-BOLT CLAMPS

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

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



PLCR

POWERLOCK CLAMPS

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



BALL

BRASS BALL VALVES

Parts No.	Size Inches
BALL-.25	1/4
BALL-SMALL-.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

- Full port
- 600 W.O.G. (Cold water, oil, gas)
- Forged brass construction
- Chrome plated ball



BALL-CSA



316 STAINLESS STEEL BALL VALVES

Parts No.	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

- Full port
- 1000 W.O.G. (Cold water, oil, gas)