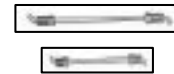




GENERAL PRICE CATALOG 1/2012

**RODS AND ADAPTER RODS**

PART NO.	SIZE	DESCRIPTION
AR-1-1	5/16"	Adapter Rod
AR-1-2	3/8"	Adapter Rod
AR-1-SS	5/16"	Super Short
AR-1-2SS	3/8"	Super Short



**BLUE PREMIUM RODS**

STR-1-1	5/16" X 36"	Blue Premium Sewer Rod Complete With Coupling
STR-1-2	5/16" X 39"	Blue Premium Sewer Rod Complete With Coupling
STR-1-3	5/16" X 48"	Blue Premium Sewer Rod Complete With Coupling
STR-1-4	5/16" X 60"	Blue Premium Sewer Rod Complete With Coupling
STR-1-5	5/16" X 72"	Blue Premium Sewer Rod Complete With Coupling
STR-1-6	3/8" X 36"	Blue Premium Sewer Rod Complete With Coupling
STR-1-7	3/8" X 39"	Blue Premium Sewer Rod Complete With Coupling
STR-1-8	3/8" X 48"	Blue Premium Sewer Rod Complete With Coupling
STR-1-9	3/8" X 60"	Blue Premium Sewer Rod Complete With Coupling
STR-1-10	3/8" X 72"	Blue Premium Sewer Rod Complete With Coupling



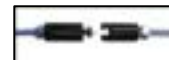
**FLEXICHROME SILVER RODS**

STB-1-1	5/16" X 36"	Sewer Rod Complete With Coupling
STB-1-2	5/16" X 39"	Sewer Rod Complete With Coupling
STB-1-3	5/16" X 48"	Sewer Rod Complete With Coupling
STB-1-4	5/16" X 60"	Sewer Rod Complete With Coupling
STB-1-5	5/16" X 72"	Sewer Rod Complete With Coupling
STB-1-6	3/8" X 36"	Sewer Rod Complete With Coupling
STB-1-7	3/8" X 39"	Sewer Rod Complete With Coupling
STB-1-8	3/8" X 48"	Sewer Rod Complete With Coupling
STB-1-9	3/8" X 72"	Sewer Rod Complete With Coupling
STB-1-10	3/8" X 12'	Sewer Rod Complete With Coupling



**QUICK COUPLE RODS.**

ALL 5/16" RODS ARE AVAILABLE WITH QUICK CONNECT DISSCONNECT SPRING LOADED PIN COUPLINGS. PLEASE ADD "R" TO PART NUMBER AND ADD \$10.00 TO EACH ROD.



**ACCESSORY TOOLS**

Part No.	Size	Description
<b>PICK UP TOOLS</b>		
P1-1	5/16"	Pick Up Tool For Sectional Rod
P1-2	3/8"	Pick Up Tool For Sectional Rod
P1-3	0.375	Pick Up Tool with Set Screw Coupling
P1-4	0.375	Pick Up Tool with .375 set screw coupling
<b>SPEAR HEAD</b>		
B2-1	2"	2" Spear Head with 5/16" Adaptor rod and coupling
B2-2	2"	2" Spear Head with 3/8" Adaptor rod and coupling
B4-1	4"	4" Spear Head with 5/16" Adaptor rod and coupling
B4-2	4"	4" Spear Head with 3/8" Adaptor rod and coupling
<b>ASSEMBLY TOOLS</b>		
T1-1	5/16"	Assembly Wrench
T1-2	3/8"	Assembly Wrench
T2-1	5/16"	Assembly Turning Handle
T2-2	3/8"	Assembly Turning Handle
<b>PULL OUT AND TURNING TOOLS</b>		
T3-1	5/16"	Pull Out Tool
T3-2	3/8"	Pull Out Tool



Rodding/Accessories

T4-1	5/16"	Pull Out & Twisting Handle
T4-2	3/8"	Pull Out & Twisting Handle
T5-1		Bar Turning Handle FOR 5/16" AND 3/8"
T8		ROUND ROD PULLER Fits tools 1/4" to 3/8" Rod
T11	5/16"	Rod Turning Ratchet single for 5/16" rods
T12	5/16"	Rod Turning Ratchet one man double
T13	3/8"	Rod Turning Ratchet single for 3/8" rods
T14	3/8"	Rod Turning Ratchet one man double

**SPECIAL BORING TOOLS**

T6-1	5/16"	Loop Swivel Tool
T6-2	3/8"	Loop Swivel Tool
T7-1	5/16"	Sand Leader With Adapter Rod & Couplings
T7-2	3/8"	Sand Leader With Adapter Rod & Couplings
T9-1	5/16"	Bullet ToolWith Adapter Rod
T9-2	3/8"	Bullet ToolWith Adapter Rod
T10-1	5/16"	Pilot Bullet Tool With Pullout Swivel With Adapter Rod
T10-2	3/8"	Pilot Bullet Tool With Pullout Swivel With Adapter Rod
T15-1	5/16"	"Winters" Root saw coupling. Combine with any 2 root saw blades
T15-2	3/8"	"Winters" Root saw coupling. Combine with any 2 root saw blades
LL-1		5/16" LATERAL LOCATOR
LL-2		3/8" LATERAL LOCATOR

FOR ANY TOOL WITH SET SCREW COUPLING ADD "SS" AND EITHER 3 FOR .375, 4 FOR .393, 5 FOR .415 OR 6 FOR .461. USE 3/8" PRICE FOR THESE.  
EXAMPLE: T9-SS-3 BULLET TOOL WITH .375 SET SCREW COUPLING.

**ROUND WIRE CORKSCREWS**

F1-1	1-1/2"	Use With 5/16" Rod
F1-2	1-1/2"	Use With 3/8" Rod
F2-1	2"	Use With 5/16" Rod
F2-2	2"	Use With 3/8" Rod
F3-1	3"	Use With 5/16" Rod
F3-2	3"	Use With 3/8" Rod
F4-1	3-1/2"	Use With 5/16" Rod
F4-2	3-1/2"	Use With 3/8" Rod
F5-1	5"	Use With 5/16" Adaptor Rod
F5-2	5"	Use With 3/8" Rod
F6-1	6"	Use With 5/16" Adaptor Rod
F6-2	6"	Use With 3/8" Rod

**DOUBLE ROUND WIRE CORKSCREWS**

FD3-1	3"	Use With 5/16" Rod
FD3-2	3"	Use With 3/8" Rod
FD4-1	4"	Use With 5/16" Rod
FD4-2	4"	Use With 3/8" Rod
FD6-1	6"	Use With 5/16" Rod
FD6-2	6"	Use With 3/8" Rod

**SAND CORKSCREWS**

G-3-1	3"	Sand Corkscrew Use With 5/16" Rod
G-3-2	3"	Sand Corkscrew Use With 3/8" Rod

**CLEANING TOOLS**

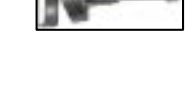
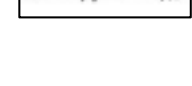
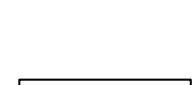
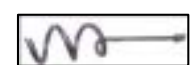
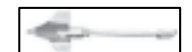
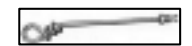
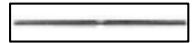
**note:** For any cleaning tool you can buy the tool only less the coupling and adapter rod by adding a "B" after the part number and then deduct \$10.00 from the 5/16" list price.

**AUGERS**

A2-1	2"	2" Auger for 5/16" rods
A2-2	2"	2" Auger for 3/8" rods
A3-1	3"	3" Auger for 5/16" rods
A3-2	3"	3" Auger for 3/8" rods

**AUGERS**

A4-1	4"	4" Auger for 5/16" rods
A4-2	4"	4" Auger for 3/8" rods





A5-1	5"	5" Auger for 5/16" rods
A52	5"	5" Auger for 3/8" rods
A6-1	6"	6" Auger for 5/16" rods
A6-2	6"	6" Auger for 3/8" rods
A8-1	8"	8" Auger for 5/16" rods
A8-2	8"	8" Auger for 3/8" rods
A10-1	10"	10" Auger for 5/16" rods
A10-2	10"	10" Auger for 3/8" rods



FOR ANY AUGER WITH SET SCREW COUPLING ADD "SS" AND EITHER  
3 FOR .375, 4 FOR .393, 5 FOR .415 OR 6 FOR .461. USE 3/8" PRICE FOR THESE.  
EXAMPLE: A4-SS-3 4" AUGER WITH .375 SET SCREW COUPLING.

**SQUARE BAR CORKSCREWS**

E2-1	2"	2" Square Bar corkscrew for 5/16" rod
E2-2	2"	2" Square Bar corkscrew for 3/8" rod
E3-1	3"	3" Square Bar corkscrew for 5/16" rod
E3-2	3"	3" Square Bar corkscrew for 3/8" rod
E4-1	4"	4" Square Bar corkscrew for 5/16" rod
E4-2	4"	4" Square Bar corkscrew for 3/8" rod
E5-1	5"	5" Square Bar corkscrew for 5/16" rod
E5-2	5"	5" Square Bar corkscrew for 3/8" rod
E6-1	6"	6" Square Bar corkscrew for 5/16" rod
E6-2	6"	6" Square Bar corkscrew for 3/8" rod
E8-1	8" Std.	8" Square Bar corkscrew for 5/16" rod
E8-2	8" Std.	8" Square Bar corkscrew for 3/8" rod
E8-4	8" H.D.	8" HD Square Bar corkscrew for 5/16" rod
E8-5	8" H.D.	8" HD Square Bar corkscrew for 3/8" rod
E10-1	10"	10" Square Bar corkscrew for 5/16" rod
E10-2	10"	10" Square Bar corkscrew for 3/8" rod
E12-1	12"	12" Square Bar corkscrew for 5/16" rod
E12-2	12"	12" Square Bar corkscrew for 3/8" rod



FOR ANY SQUARE BAR WITH SET SCREW COUPLING ADD "SS" AND EITHER  
3 FOR .375, 4 FOR .393, 5 FOR .415 OR 6 FOR .461. USE 3/8" PRICE FOR THESE.  
FOR EXAMPLE: E4-SS-3 4" SQUARE BAR CORK WITH .375 SET SCREW COUPLING

**ROOT SAWS**

**CONCAVE ROOT SAW STANDARD**

CRS-3-1	3"	3" Concave Root Saw for 5/16" rod
CRS-3-2	3"	3" Concave Root Saw for 3/8" rod
CRS-4-1	4"	4" Concave Root Saw for 5/16" rod
CRS-4-2	4"	4" Concave Root Saw for 3/8" rod
CRS-5-1	5"	5" Concave Root Saw for 5/16" rod
CRS-5-2	5"	5" Concave Root Saw for 3/8" rod
CRS-6-1	6"	6" Concave Root Saw for 5/16" rod
CRS-6-2	6"	6" Concave Root Saw for 3/8" rod
CRS-8-1	8"	8" Concave Root Saw for 5/16" rod
CRS-8-2	8"	8" Concave Root Saw for 3/8" rod
CRS-10-1	10"	10" Concave Root Saw for 5/16" rod
CRS-10-2	10"	10" Concave Root Saw for 3/8" rod
CRS-12-1	12"	12" Concave Root Saw for 5/16" rod
CRS-12-2	12"	12" Concave Root Saw for 3/8" rod
CRS-15-1	15"	15" Concave Root Saw for 5/16" rod
CRS-15-2	15"	15" Concave Root Saw for 3/8" rod
CRS-18-1	18"	18" Concave Root Saw for 5/16" rod
CRS-18-2	18"	18" Concave Root Saw for 3/8" rod



**CONCAVE ROOT SAW STANDARD (cont.)**

CRS-20-1	20"	20" Concave Root Saw for 5/16" rod
CRS-20-2	20"	20" Concave Root Saw for 3/8" rod

FOR BLADE ONLY ADD "B" AFTER PART NO. AND DEDUCT \$10.00  
FOR ANY ROOT SAW WITH SET SCREW COUPLING ADD "SS" AND EITHER  
3 FOR .375, 4 FOR .393, 5 FOR .415 OR 6 FOR .461. USE 3/8" PRICE FOR THESE.  
FOR EXAMPLE: CRS10-SS-3 10" CONCAVE SAW WITH .375 SET SCREW COUPLING

**STANDARD DUTY FLAT ROOT SAWS**

FRS-3-1	3"	3" Standard Flat Root Saw for 5/16" rod
FRS-3-2	3"	3" Standard Flat Root Saw for 3/8" rod
FRS-4-1	4"	4" Standard Flat Root Saw for 5/16" rod
FRS-4-2	4"	4" Standard Flat Root Saw for 3/8" rod
FRS-6-1	6"	6" Standard Flat Root Saw for 5/16" rod



FRS-6-2	6"	6" Standard Flat Root Saw for 3/8" rod
FRS-8-1	8"	8" Standard Flat Root Saw for 5/16" rod
FRS-8-2	8"	8" Standard Flat Root Saw for 3/8" rod
FRS-10-1	10"	10" Standard Flat Root Saw for 5/16" rod
FRS-10-2	10"	10" Standard Flat Root Saw for 3/8" rod
FRS-12-1	12"	12" Standard Flat Root Saw for 5/16" rod
FRS-12-2	12"	12" Standard Flat Root Saw for 3/8" rod
FRS-15-1	15"	15" Standard Flat Root Saw for 5/16" rod
FRS-15-2	15"	15" Standard Flat Root Saw for 3/8" rod
FRS-18-1	18"	18" Standard Flat Root Saw for 5/16" rod
FRS-18-2	18"	18" Standard Flat Root Saw for 3/8" rod
FRS-20-1	20"	20" Standard Flat Root Saw for 5/16" rod
FRS-20-2	20"	20" Standard Flat Root Saw for 3/8" rod

FOR BLADE ONLY ADD "B" AFTER PART NO. AND DEDUCT \$10.00



**HEAVY DUTY CONCAVE ROOT SAWS**

HCRS-3-1	3"	3" HD Concave Root Saw for 5/16" rod
HCRS-3-2	3"	3" HD Concave Root Saw for 3/8" rod
HCRS-4-1	4"	4" HD Concave Root Saw for 5/16" rod
HCRS-4-2	4"	4" HD Concave Root Saw for 3/8" rod
HCRS-5-1	5"	5" HD Concave Root Saw for 5/16" rod
HCRS-5-2	5"	5" HD Concave Root Saw for 3/8" rod
HCRS-6-1	6"	6" HD Concave Root Saw for 5/16" rod
HCRS-6-2	6"	6" HD Concave Root Saw for 3/8" rod
HCRS-8-1	8"	8" HD Concave Root Saw for 5/16" rod
HCRS-8-2	8"	8" HD Concave Root Saw for 3/8" rod
HCRS-10-1	10"	10" HD Concave Root Saw for 5/16" rod
HCRS-10-2	10"	10" HD Concave Root Saw for 3/8" rod
HCRS-12-1	12"	12" HD Concave Root Saw for 5/16" rod
HCRS-12-2	12"	12" HD Concave Root Saw for 3/8" rod
HCRS-15-1	15"	15" HD Concave Root Saw for 5/16" rod
HCRS-15-2	15"	15" HD Concave Root Saw for 3/8" rod
HCRS-18-1	18"	18" HD Concave Root Saw for 5/16" rod
HCRS-18-2	18"	18" HD Concave Root Saw for 3/8" rod
HCRS-20-1	20"	20" HD Concave Root Saw for 5/16" rod
HCRS-20-2	20"	20" HD Concave Root Saw for 3/8" rod

FOR BLADE ONLY ADD "B" AFTER PART NO. AND DEDUCT \$10.00



**HEAVY DUTY FLAT ROOT SAWS**

HFRS-3-1	3"	3" HD Flat Root Saw for 5/16" rod
HFRS-3-2	3"	3" HD Flat Root Saw for 3/8" rod
HFRS-4-1	4"	4" HD Flat Root Saw for 5/16" rod
HFRS-4-2	4"	4" HD Flat Root Saw for 3/8" rod
HFRS-5-1	5"	5" HD Flat Root Saw for 5/16" rod
HFRS-5-2	5"	5" HD Flat Root Saw for 3/8" rod
HFRS-6-1	6"	6" HD Flat Root Saw for 5/16" rod
HFRS-6-2	6"	6" HD Flat Root Saw for 3/8" rod
HFRS-8-1	8"	8" HD Flat Root Saw for 5/16" rod
HFRS-8-2	8"	8" HD Flat Root Saw for 3/8" rod
HFRS-10-1	10"	10" HD Flat Root Saw for 5/16" rod
HFRS-10-2	10"	10" HD Flat Root Saw for 3/8" rod



**HEAVY DUTY FLAT ROOT SAWS**

HFRS-12-1	12"	12" HD Flat Root Saw for 5/16" rod
HFRS-12-2	12"	12" HD Flat Root Saw for 3/8" rod
HFRS-15-1	15"	15" HD Flat Root Saw for 5/16" rod
HFRS-15-2	15"	15" HD Flat Root Saw for 3/8" rod
HFRS-18-1	18"	18" HD Flat Root Saw for 5/16" rod
HFRS-18-2	18"	18" HD Flat Root Saw for 3/8" rod
HFRS-20-1	20"	20" HD Flat Root Saw for 5/16" rod
HFRS-20-2	20"	20" HD Flat Root Saw for 3/8" rod



**ROOT SAW BLADES ONLY**

**STANDARD CONCAVE ROOT SAW BLADES**

CRS-3B	3"	3" Concave Root Saw blade only
CRS-4B	4"	4" Concave Root Saw blade only
CRS-5B	5"	5" Concave Root Saw blade only
CRS-6B	6"	6" Concave Root Saw blade only
CRS-8B	8"	8" Concave Root Saw blade only
CRS-10B	10"	10" Concave Root Saw blade only





CRS-12B	12"	12" Concave Root Saw blade only
CRS-15B	15"	15" Concave Root Saw blade only
CRS-18B	18"	18" Concave Root Saw blade only
CRS-20B	20"	20" Concave Root Saw blade only

**STANDARD FLAT ROOT SAWS BLADES**

FRS-3B	3"	3" Standard Flat Root Saw blade only
FRS-4B	4"	4" Standard Flat Root Saw blade only
FRS-6B	6"	6" Standard Flat Root Saw blade only
FRS-8B	8"	8" Standard Flat Root Saw blade only
FRS-10B	10"	10" Standard Flat Root Saw blade only
FRS-12B	12"	12" Standard Flat Root Saw blade only
FRS-15B	15"	15" Standard Flat Root Saw blade only
FRS-18B	18"	18" Standard Flat Root Saw blade only
FRS-20B	20"	20" Standard Flat Root Saw blade only

**HEAVY DUTY CONCAVE ROOT SAWS BLADES**

HCRS-3B	3"	3" HD Concave Root Saw blade only
HCRS-4B	4"	4" HD Concave Root Saw blade only
HCRS-5B	5"	5" HD Concave Root Saw blade only
HCRS-6B	6"	6" HD Concave Root Saw blade only
HCRS-8B	8"	8" HD Concave Root Saw blade only
HCRS-10B	10"	10" HD Concave Root Saw blade only
HCRS-12B	12"	12" HD Concave Root Saw blade only
HCRS-15B	15"	15" HD Concave Root Saw blade only
HCRS-18B	18"	18" HD Concave Root Saw blade only
HCRS-20B	20"	20" HD Concave Root Saw blade only

**HEAVY DUTY FLAT ROOT SAWS BLADES**

HFRS-3B	3"	3" HD Flat Root Saw blade only
HFRS-4B	4"	4" HD Flat Root Saw blade only
HFRS-5B	5"	5" HD Flat Root Saw blade only
HFRS-6B	6"	6" HD Flat Root Saw blade only
HFRS-8B	8"	8" HD Flat Root Saw blade only
HFRS-10B	10"	10" HD Flat Root Saw blade only
HFRS-12B	12"	12" HD Flat Root Saw blade only
HFRS-15B	15"	15" HD Flat Root Saw blade only
HFRS-18B	18"	18" HD Flat Root Saw blade only
HFRS-20B	20"	20" HD Flat Root Saw blade only

**PORCUPINES**

D-4-1	4"	4" Porcupine turn type for 5/16" rods
D-4-2	4"	4" Porcupine turn type for 3/8" rods
D-6-1	6"	6" Porcupine turn type for 5/16" rods
D-6-2	6"	6" Porcupine turn type for 3/8" rods
D-8-1	8"	8" Porcupine turn type for 5/16" rods
D-8-2	8"	8" Porcupine turn type for 3/8" rods

**PORCUPINES**

D-10-1	10"	10" Porcupine turn type for 5/16" rods
D-10-2	10"	10" Porcupine turn type for 3/8" rods
D-12-1	12"	12" Porcupine turn type for 5/16" rods
D-12-2	12"	12" Porcupine turn type for 3/8" rods
D-15-1	15"	15" Porcupine turn type for 5/16" rods
D-15-2	15"	15" Porcupine turn type for 3/8" rods
D-18-1	18"	18" Porcupine turn type for 5/16" rods
D-18-2	18"	18" Porcupine turn type for 3/8" rods

ALSO AVAILABLE IN PULL TYPE. PP-6, PP-8, PP-10 ETC... SAME PRICE as 5/16" style

**SEWER BRUSH**

C-4-1	4"	4" Steel Sewer Brush for 5/16" Rods
C-4-2	4"	4" Steel Sewer Brush for 3/8" Rods
C-6-1	6"	6" Steel Sewer Brush for 5/16" Rods
C-6-2	6"	6" Steel Sewer Brush for 3/8" Rods
C-8-1	8"	8" Steel Sewer Brush for 5/16" Rods
C-8-2	8"	8" Steel Sewer Brush for 3/8" Rods
C-10-1	10"	10" Steel Sewer Brush for 5/16" Rods
C-10-2	10"	10" Steel Sewer Brush for 3/8" Rods
C-12-1	12"	12" Steel Sewer Brush for 5/16" Rods
C-12-2	12"	12" Steel Sewer Brush for 3/8" Rods



Rodding/Accessories

**3 BLADE CUTTERS CHUCKS**

CH-1-1	5/16"	Chuck with Adapter Rod
CH-1-2	3/8"	Chuck with Adapter Rod
CH-1-3	0.375	Chuck with Set Screw Connection
CH-1-4	0.393	Chuck with Set Screw Connection
CH-1-5	0.415	Chuck with Set Screw Connection
CH-1-6	0.461	Chuck with Set Screw Connection



ASSEMBLED

**PUMA DOUBLE SIDED CURVED BLADES FOR 3 BLADE CUTTER**

CB-4	4"	4" CURVED BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
CB-6	6"	6" CURVED BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
CB-8	8"	8" CURVED BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
CB-10	10"	10" CURVED BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
CB-12	12"	12" CURVED BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
CB-15	15"	15" CURVED BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE FOR FULL SIZE ADD "FS" AND \$2.00 TO EACH BLADE



**FLAT BLADES FOR 3 BLADE CUTTER**

FB-4	4"	4" FLAT BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
FB-6	6"	6" FLAT BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
FB-8	8"	8" FLAT BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
FB-10	10"	10" FLAT BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
FB-12	12"	12" FLAT BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE
FB-15	15"	15" FLAT BLADE FOR 3 BLADE CHUCK. PRICE PER BLADE FOR FULL SIZE ADD "FS" AND \$2.00 TO EACH BLADE



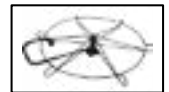
**POWER ROD DRIVE TRAILER AND ACCESSORIES**

SPD-3	3 HP POWERDRIVE
SPD-6.5	6.5 HP POWERDRIVE
SPD-8	8 HP POWERDRIVE

PowerDrive units include Speed-Chuck, specify 5/16" or 3/8"



RR-1-1	Rod Reel
RR-1-2	Rod Reel Stand Street type
RR-1-3	Rod Reel Stand Trailer type



**POWER ROD DRIVE TRAILER AND ACCESSORIES (cont....)**

RR-1-4	Lower Manhole rigid rod guide
RR-1-5	Foot Jack support
RR-1-6	Back Jack support
RR-1-7	Manhole Jack support
RR-1-8	COMPLETE MANHOLE SET-UP KIT WITH 21' OF GALVANIZED PIPE



H-10-1	Carry All Trailer
H-11-1	Stop, Tail, & Turning Lights
H-12-1	Pintle ring
H-13-1	Electric Brakes



**CONTINUOUS ROD AND RODDER ACCESSORIES**

**CONTINUOUS ROD GUIDE HOSES**

LW-7	7'	Lightweight Hose Guide with Flex-Metallic liner
LW- 10	10'	Lightweight Hose Guide with Flex-Metallic liner
LW- 15	15'	Lightweight Hose Guide with Flex-Metallic liner
LW- 18	18'	Lightweight Hose Guide with Flex-Metallic liner
LW- 20	20'	Lightweight Hose Guide with Flex-Metallic liner
LW- 22	22'	Lightweight Hose Guide with Flex-Metallic liner
LW- 24	24'	Lightweight Hose Guide with Flex-Metallic liner





LW- 25	25'	Lightweight Hose Guide with Flex-Metallic liner
HD- 7	7'	Heavy Duty Hose Guide W/ Metallic Liner
HD- 10	10'	Heavy Duty Hose Guide W/ Metallic Liner
HD- 15	15'	Heavy Duty Hose Guide W/ Metallic Liner
HD- 18	18'	Heavy Duty Hose Guide W/ Metallic Liner
HD- 20	20'	Heavy Duty Hose Guide W/ Metallic Liner
HD- 22	22'	Heavy Duty Hose Guide W/ Metallic Liner
HD- 24	24'	Heavy Duty Hose Guide W/ Metallic Liner
HD-24	25'	Heavy Duty Hose Guide W/ Metallic Liner
HDS- 7	7'	Heavy Duty Hose Guide W/ heavy duty steel Spring Liner
HDS- 10	10'	Heavy Duty Hose Guide W/ heavy duty steel Spring Liner
HDS- 15	15'	Heavy Duty Hose Guide W/ heavy duty steel Spring Liner
HDS- 18	18'	Heavy Duty Hose Guide W/ heavy duty steel Spring Liner
HDS- 20	20'	Heavy Duty Hose Guide W/ heavy duty steel Spring Liner



**SPECIAL HD CAM-LOCK ENDS**

WITH 2" HEAVY DUTY IRON CAM-LOCK FITTING  
 MALE END ADD "MI" TO PART NUMBER AND ADD  
 FEMALE END ADD "FI" TO PART NUMBER AND ADD  
 FOR EXAMPLE.  
 7' LIGHT ROD GUIDE HOSE WITH MALE X FEMALE  
 2" HEAVY DUTY IRON CAM LOCK FITTINGS  
 PART NO. LW-7MIFI \$480.00 +\$65.00+\$85.00 = \$635

**STEEL ENDS\***

ANY ABOVE HOSE CAN BE ORDERED WITH STEEL ENDS  
 BY ADDING "SE" TO PART NUMBER AND ADDING  
 COMES WITH FEMALE END FOR HOSE GUIDE BELL AND  
 STEEL MALE END FOR RODDING MACHINE FEMALE COUPLING.



**ROD BENDING KITS**

SRK-1	ROD BENDING KIT FOR .375 ROD
SRK-2	ROD BENDING KIT FOR .393 ROD
SRK-3	ROD BENDING KIT FOR .415 ROD
SRK-4	ROD BENDING KIT FOR .461 ROD

**CONTINUOUS ROD HOSE GUIDE ACCESSORIES (cont...)**

HGB	Hose Guide Bell
SPB	Single Prong Brace WITH CHAIN and rope
SPR	SINGLE PRONG BRACE WITH RING and rope
HGS	HOSE GUIDE STAND
SME	STEEL MALE END
SFE	STEEL FEMALE FOR BELL for HOSE GUIDE BELL
SCL-1	STEEL FEMALE X FEMALE STRAIGHT COUPLER.
SCL-2	SET OF CLAMPS FOR ATTACHED STEEL ENDS TO HOSE
SCL-3	ALUMINUM BELL END FOR GUIDE HOSE
SCL-4	ALUMINUM MALE END FOR GUIDE HOSE
SCL-5	INSERT GUIDE
SCL-6	LIGHTWEIGHT HOSE WITH FLEX-METALIC LINER (PER FOOT)
SCL-7	HEAVY DUTY HOSE WITH FLEX-METALLIC LINER (PER FOOT)
SCL-8	FLEX-METALLIC LINER ONLY (PER FOOT)



**CONTINUOUS ROD**

STC-1-1	0.312	Continuous Rod	PRICE PER FOOT
STC-1-2	0.375	Continuous Rod	PRICE PER FOOT
STC-1-3	0.393	Continuous Rod	PRICE PER FOOT
STC-1-4	0.415	Continuous Rod	PRICE PER FOOT
STC-1-5	0.461	Continuous Rod	PRICE PER FOOT



**CONTINUOUS ROD TRANSFER RACK**

CRTR-1	6 SPOKE	Heavy duty transfer rack. 6 spoke and guide arm.
--------	---------	--







**CAMEL STYLE FEMALE END (with grit covers)**

CT-6S	6"	6" VAC-TRAP FOR 8" CAMEL TYPE FEMALE END
CT-8S	8"	8" VAC-TRAP FOR 8" CAMEL TYPE FEMALE END
CT-10S	10"	10" VAC-TRAP FOR 8" CAMEL TYPE FEMALE END
CT-12S	12"	12" VAC-TRAP FOR 8" CAMEL TYPE FEMALE END
CT-15S	15"	15" VAC-TRAP FOR 8" CAMEL TYPE FEMALE END
CT-16S	18"	18" VAC-TRAP FOR 8" CAMEL TYPE FEMALE END
CT-17S	24"	24" VAC-TRAP FOR 8" CAMEL TYPE FEMALE END



**AQUATECH FEMALE COUPLING END**

AT-6	6"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-8	8"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-10	10"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-12	12"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-15	15"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-18	18"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-24	24"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END



**AQUATECH FEMALE COUPLING END (with grit covers)**

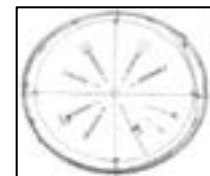
AT-6S	6"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-8S	8"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-10S	10"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-12S	12"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-15S	15"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-18S	18"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END
AT-24S	24"	VAC-TRAP FOR 8" AQUATECH TYPE FEMALE END

**PLUMBERS RODS**

**No. "5" Rods and Tools**

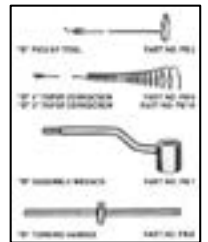
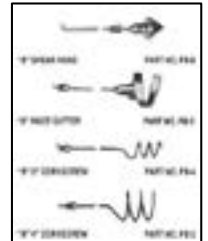
P5-13	1/4" X 6'	NO. 5 PLUMBERS RODS. HEX COUPLING AND 1/4" X 6' LONG
P5-1		Rod Frame for no. 5 Rods
P5-2		2" Round Wire Coiled corkscrew
P5-3		3" Double Round Wire Coiled corkscrew
P5-4		4" Round Wire Coiled corkscrew
P5-5-2		2" Root Cutter with Spade blade
P5-5-3		3" Root Cutter with Spade Blade
P5-5-4		4" Root Cutter with Spade Blade
P5-6		2" spear head with coiled pig tail
P5-7		Pick-up tool with coiled pig tail
P5-8		Assembly tool for no. 5 rods
P5-9		Electric Drill adapter
P5-10		Pull out turning handle
P5- SET		Complete No. 5 set is comprised of:

17 eac. P5-13 1/6" x 6' rods, 1 each of P5-1 Rod Frame, 1 each of P5-2 2" corkscrew, 1 each of P5-3 4" double corkscrew, 1 each of P5-4 4" corkscrew, 1 each of P5-5-3 3" Root Cutter, 1 each of P5-6 Spear Head, 1 each of P5-7 Pick-up Tool, 1 each of P5-8 Assembly tool, 1 each of P5-9 Electric Drill Adapter, 1 each of P5-10 turning handle.  
**Add "B" to any tool above for a pig tail with a "B" nut. Then add \$3.50 ea.**

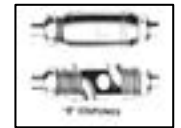


**"B" PLUMBERS RODS AND TOOLS**

PB-1	1/4" X 6' "B" ROD COMPLETE (ROUND COUPLING)
PB-2	PICK UP TOOL
PB-3	4" CORKSCREW
PB-4	2" CORKSCREW
PB-5-3	3" ROOT CUTTER
PB-5-4	4" ROOT CUTTER
PB-6	SPEAR HEAD
PB-7	ASSEMBLY TOOL
PB-8	TURNING HANDLE
PB-9	4" TAPERED CORKSCREW (NOT IN SET)
PB-10	2" TAPERED CORKSCREW (NOT IN SET)

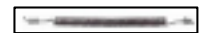


PB  
COMPLETE "B" PLUMBERS SET  
SET INCLUDES 17 RODS AND 1 EACH OF ALL TOOLS ABOVE EXCEPT FOR PB-9 AND PB-10



**SPECIAL COILED SPRING ITEMS**

SSU-1	1' O.D. OF 1/4" WIRE X 12" LONG WITH RH X LH 5/16" NUTS.
SSU-2	UNIVERSAL SPRINGS 1.25" DIA. X 12" L. W/ 5/16" LH X RH PIGTAIL
SSCR-3	1" X 3' COILED ROD WITH RH X LH 5/16" NUTS
SCR-25	1" X 25' COILED ROD WITH 5/16" PIGS TAILS EACH SIDE
CRX516rh	1" COILED ROD ROLLED THREAD X 5/16" RH CITY THREAD
SCR-25S	SAME BUT WITH FEMALE 5/16" RH CRX516RH.
SCR-3A	1" X 3' COILED ROD WITH AUGER COUPLING X 5/16" PIG TAIL.
PF-7	1" X 25' COILED ROD 1/4" PLUMBERTOOL MALE X FEMALE ENDS
PF-20M	1" X 3' LONG COILED ROD WITH 3" ROOT SAW X 5/16" PIGTAIL
PF-21M	1" X 3' LONG COILED ROD WITH 4" ROOT SAW X 5/16" PIGTAIL
PF-22M	1" X 3' LONG COILED ROD WITH 6" ROOT SAW X 5/16" PIGTAIL



**ROD, TOOL AND ADAPTER COUPLINGS**

Adapter Couplings for connecting Continuous Rod to tools

AC-1-1	0.375	Set Screw Type, to 3/8" COARSE RH THREAD
AC-1-2	0.393	Set Screw Type, to 3/8" COARSE RH THREAD
AC-1-3	0.415	Set Screw Type, to 3/8" COARSE RH THREAD
AC-1-4	0.461	Set Screw Type, to 3/8" COARSE RH THREAD
AC-2-1	0.375	Fine LH thread Hook , to 5/16" COARSE RH THREAD
AC-2-2	0.393	Fine LH thread Hook , to 5/16" COARSE RH THREAD
AC-2-3	0.415	Fine LH thread Hook , to 5/16" COARSE RH THREAD
AC-2-4	0.461	Fine LH thread Hook , to 5/16" COARSE RH THREAD
AC-3-1	0.375	Set Screw Type, to 5/16" COARSE RH THREAD
AC-3-2	0.393	Set Screw Type, to 5/16" COARSE RH THREAD
AC-3-3	0.415	Set Screw Type, to 5/16" COARSE RH THREAD
AC-3-4	0.461	Set Screw Type, to 5/16" COARSE RH THREAD
AC-4-1	0.375	Fine LH thread hook , to 3/8" COARSE RH THREAD
AC-4-2	0.393	Fine LH thread hook , to 3/8" COARSE RH THREAD
AC-4-3	0.415	Fine LH thread hook , to 3/8" COARSE RH THREAD
AC-4-4	0.461	Fine LH thread hook , to 3/8" COARSE RH THREAD





CN-1-1	5/16"	Course Thread Right Hand Nut
CN-1-2	5/16"	Fine Thread Left Hand Nut
CN-1-3	3/8"	Course Thread Right Hand Nut
CN-1-4	3/8"	Fine Thread Left Hand Nut
CN-1-5	0.375	Course Thread Right Hand Nut
CN-1-6	0.375	Fine Thread Left Hand Nut
CN-1-7	0.393	Course Thread Right Hand Nut
CN-1-8	0.393	Fine Thread Left Hand Nut
CN-1-9	0.415	Course Thread Right Hand Nut
CN-1-10	0.415	Fine Thread Left Hand Nut
CN-1-11	0.461	Course Thread Right Hand Nut
CN-1-12	0.461	Fine Thread Left Hand Nut

**Couplings For Sectional And Continuous Rod**

CC-1-1	5/16"	5/16" LH fine x Rh coarse coupling
CC-1-2	3/8"	3/8" LH fine x Rh coarse coupling

**Couplings For Square Stock Corkscrew**

CS-1-1	5/16"	To Be Used With Adapter Rods
CS-1-2	3/8"	To Be Used With Adapter Rods
CS-1-3	0.375	With Set Screw Connections
CS-1-4	0.393	With Set Screw Connections
CS-1-5	0.415	With Set Screw Connections
CS-1-6	0.461	With Set Screw Connections
CS-1-7	0.375	With Hook Type Connection
CS-1-8	0.393	With Hook Type Connection
CS-1-9	0.415	With Hook Type Connection
CS-1-10	0.461	With Hook Type Connection

**ROD, TOOL AND ADAPTER COUPLINGS**

**Adapter Couplings for connecting Continuous Rod to tools**

**Couplings For STANDARD Root Saw**

CR1-1	5/16"	To Be Used With Adapter Rods
CR1-2	3/8"	To Be Used With Adapter Rods
CR1-3	0.375	With Set Screw Connections
CR1-4	0.393	With Set Screw Connections
CR1-5	0.415	With Set Screw Connections
CR1-6	0.461	With Set Screw Connections
CR1-7	0.375	With Hook Type Connection
CR1-8	0.393	With Hook Type Connection
CR1-9	0.415	With Hook Type Connection
CR1-10	0.461	With Hook Type Connection

**Couplings For HD Root Saw**

CRHD-1	5/16"	To Be Used With Adapter Rods
CRHD-2	3/8"	To Be Used With Adapter Rods
CRHD-3	0.375	With Set Screw Connections
CRHD-4	0.393	With Set Screw Connections
CRHD-5	0.415	With Set Screw Connections
CRHD-6	0.461	With Set Screw Connections
CRHD-7	0.375	With Hook Type Connection
CRHD-8	0.393	With Hook Type Connection
CRHD-9	0.415	With Hook Type Connection
CRHD-10	0.461	With Hook Type Connection

**Couplings For Augers -2", 3" & 4"**

CA-1-1	5/16"	To Be Used With Adapter Rods
CA-1-2	3/8"	To Be Used With Adapter Rods
CA-1-3	0.375	With Set Screw Connections
CA-1-4	0.393	With Set Screw Connections
CA-1-5	0.415	With Set Screw Connections
CA-1-6	0.461	With Set Screw Connections
CA-1-7	0.375	With Hook Type Connection
CA-1-8	0.393	With Hook Type Connection
CA-1-9	0.415	With Hook Type Connection
CA-1-10	0.461	With Hook Type Connection



Rodding/Accessories

**Couplings For Augers - 6" & 10" AND UP**

CA-2-1	5/16"	To Be Used With Adapter Rods
CA-2-2	3/8"	To Be Used With Adapter Rods
CA-2-3	0.375	With Set Screw Connections
CA-2-4	0.393	With Set Screw Connections
CA-2-5	0.415	With Set Screw Connections
CA-2-6	0.461	With Set Screw Connections
CA-2-7	0.375	With Hook Type Connection
CA-2-8	0.393	With Hook Type Connection
CA-2-9	0.415	With Hook Type Connection
CA-2-10	0.461	With Hook Type Connection

