

**SAFE-T-SHOT™**  
**MOLE-MASTER SERVICES CORP.**



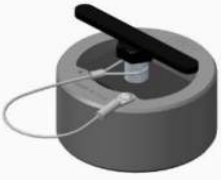


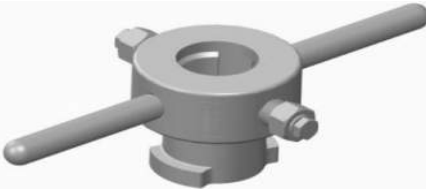



# **PARTS LIST**







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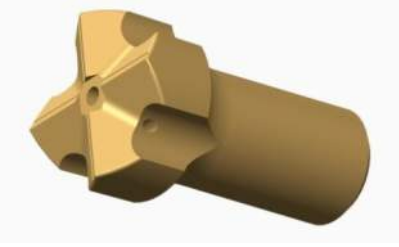
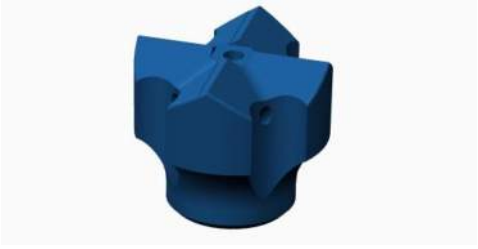




## SECTION I - ADJUSTING DEVICES

PRODUCT	PART NUMBER	DESCRIPTION
	STS-40000	CLAMP FOR ALL TUBE TYPES
	STS-A42096	BASE SOCKET W/ SAFETY FLAPS
	STS-A42098	BASE SOCKET COMPLETE W/ LOCKING PLATE
	STS-A42100	LOCKING PLATE FOR BASE SOCKET W/ 12" LANYARD
	STS-A42040	SAFETY FLAP FOR BASE SOCKET
	STS-A42700	GRIPCASE COMPLETE
	STS-42701	GRIPCASE HANDLE
	STS-42703	GRIP CASE BODY
	STS-42704	PUSHER ASSEMBLY, FOR GRIPCASE STS-A42700 - STANDARD SIZE THREAD

## SECTION II - DRILLING

PRODUCT	PART NUMBER	DESCRIPTION
	STS-47300-2	DRILL STEEL, 7/8 X 3-1/4" SHANK, 2 FT
	STS-47300-3	DRILL STEEL, 7/8 X 3-1/4" SHANK, 3 FT
	STS-47300-4	DRILL STEEL, 7/8 X 3-1/4" SHANK, 4 FT
	STS-47300-5	DRILL STEEL, 7/8 X 3-1/4" SHANK, 5 FT
	STS-47300-6	DRILL STEEL, 7/8 X 3-1/4" SHANK, 6 FT
	STS-47300-8	DRILL STEEL, 7/8 X 3-1/4" SHANK, 8 FT

PRODUCT	PART NUMBER	DESCRIPTION
	STS-47401	2 FT PERCUSSIVE DRILL ROD, SHANK 7/8" X 3-1/4", LEFT HAND THREAD
	STS-47402	3 FT PERCUSSIVE DRILL ROD, SHANK 7/8" X 3-1/4", LEFT HAND THREAD
	STS-47405	4 FT PERCUSSIVE DRILL ROD, SHANK 7/8" X 3-1/4", LEFT HAND THREAD
	STS-47409	6 FT PERCUSSIVE DRILL ROD, SHANK 7/8" X 3-1/4", LEFT HAND THREAD
	STS-47411	7 FT PERCUSSIVE DRILL ROD, SHANK 7/8" X 3-1/4", LEFT HAND THREAD
	STS-47413	8 FT PERCUSSIVE DRILL ROD, SHANK 7/8" X 3-1/4", LEFT HAND THREAD

PRODUCT	PART NUMBER	DESCRIPTION
	STS-48108	PERCUSSIVE DRILL BIT G60S
	STS-48150	2-3/8" ROCK BIT
	STS-48152	TJ-15 TOKU ROCK DRILL
	STS-48153	HILTI HAMMER DRILL TE- 60-ATC
	STS-48160	HILTI HAMMER DRILL BIT, 2-1/8" X 24", HC6511
	STS-48161	DRILL BIT EXTENSION ASSEMBLY, 36" TE-Y EXT

**SECTION III - SAFE-T-SHOT TUBES**

PRODUCT	PART NUMBER	DESCRIPTION
	STS-50290	SAFE-T-SHOT TUBE MIDDLE SECTION STS-290
	STS-50550	SAFE-T-SHOT TUBE MIDDLE SECTION STS-550
	STS-50600	SAFE-T-SHOT TUBE MIDDLE SECTION STS-600
	STS-50830	SAFE-T-SHOT TUBE MIDDLE SECTION STS-830
	STS-50900	SAFE-T-SHOT TUBE MIDDLE SECTION STS- 1000
	STS-50990	SAFE-T-SHOT TUBE MIDDLE SECTION STS-990



PRODUCT	PART NUMBER	DESCRIPTION
	STS-50601	CONTROL TUBE FOR CHECKING DRILL HOLES
	STS-A50029	SAFE-T-SHOT TUBE STS-29 COMPLETE W/ FIRING HEAD & 4-WAY DISCHARGE HEAD Z 451-6
	STS-A50030	SAFE-T-SHOT TUBE STS-29 COMPLETE W/ FIRING HEAD & 2-WAY DISCHARGE HEAD L 45-6
	STS-A50054	SAFE-T-SHOT TUBE STS-55 COMPLETE W/ FIRING HEAD & 4-WAY DISCHARGE HEAD Z 501-6
	STS-A50055	SAFE-T-SHOT TUBE STS-55 COMPLETE W/ FIRING HEAD & 2-WAY DISCHARGE HEAD L 50-6
	STS-A50060	SAFE-T-SHOT TUBE STS-60 COMPLETE W/ FIRING HEAD & 4-WAY DISCHARGE HEAD Z 451-6

PRODUCT	PART NUMBER	DESCRIPTION
	STS-A50062	SAFE-T-SHOT TUBE STS-60 COMPLETE W/ FIRING HEAD & 2-WAY DISCHARGE HEAD L 45-6
	STS-A50062-1	SAFE-T-SHOT TUBE STS-60 COMPLETE W/ FIRING HEAD & 1-WAY DISCHARGE HEAD 45-6
	STS-A50083	SAFE-T-SHOT TUBE STS-83 COMPLETE W/ FIRING HEAD & 4-WAY DISCHARGE HEAD Z 501-6
	STS-A50084	SAFE-T-SHOT TUBE STS-83 COMPLETE W/ FIRING HEAD & 1-WAY DISCHARGE HEAD 50-6
	STS-A50085	SAFE-T-SHOT TUBE STS-83 COMPLETE W/ FIRING HEAD & 2-WAY DISCHARGE HEAD L 50-6
	STS-A50097	SAFE-T-SHOT TUBE STS-99 COMPLETE W/ FIRING HEAD & 2-WAY DISCHARGE HEAD L 45-6



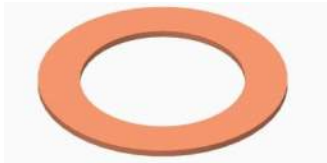
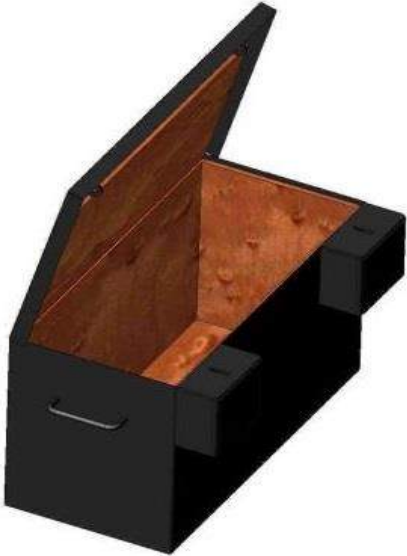


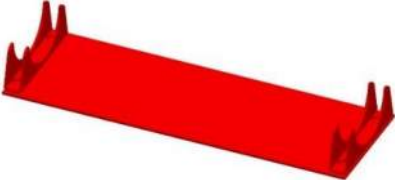
PRODUCT	PART NUMBER	DESCRIPTION
	STS-A50098	SAFE-T-SHOT TUBE STS-99 COMPLETE W/ FIRING HEAD & 1-WAY DISCHARGE HEAD 45-6
	STS-A50099	SAFE-T-SHOT TUBE STS-99 COMPLETE W/ FIRING HEAD & 4-WAY DISCHARGE HEAD Z 501-6
	STS-A50100	SAFE-T-SHOT TUBE STS-100 COMPLETE W/ FIRING HEAD & 4-WAY DISCHARGE HEAD Z 501-6
	STS-A50101	SAFE-T-SHOT TUBE STS-100 COMPLETE W/ FIRING HEAD & 2-WAY DISCHARGE HEAD L 50-6
	STS-A50102	SAFE-T-SHOT TUBE STS-100 COMPLETE W/ FIRING HEAD & 1-WAY DISCHARGE HEAD 50-6
	STS-A51100	CONTACT PIN, SPARE PART FOR ALL TYPE HEADS
	STS-51103	ELECTRODE NUT, SPARE PART FOR ALL TYPE HEADS

PRODUCT	PART NUMBER	DESCRIPTION
	STS-51104	INSULATING PART FOR ALL TUBE HEADS
	STS-51108	CONTACT TUBE, SPARE PART FOR ALL TYPE HEADS
	STS-51192	COPPER WASHER, SPARE PART FOR RK455
	STS-51194	O-RING FOR TUBE HEAD VALVE SPINDLE, RK455
	STS-51197	INSERT FOR TUBE HEAD, RK455
	STS-51198	VALVE SPINDLE COMPLETE W/ O-RING, HEX HEAD
	STS-51199	BLEED VALVE FOR AUTO-FILL HEAD
	STS-51226	O-RING FOR AUTO-FILL HEAD

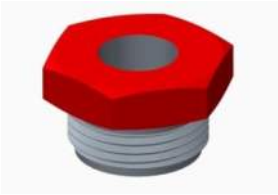
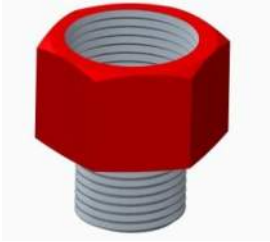

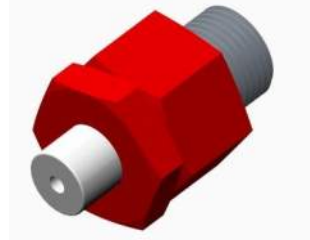


PRODUCT	PART NUMBER	DESCRIPTION
	STS-A51230	VERTICAL AUTO-FILL HEAD
	STS-A51212	AUTO-VALVE SET COMPLETE
	STS-A51213	AUTO-VALVE SET (2) O-RINGS
	STS-52003	DISCHARGE HEAD Z 451-6, 4-WAY FOR 29, 60 & 99
	STS-52009	DISCHARGE HEAD L 45-6, 2-WAY FOR 29, 60 & 99
	STS-52022	DISCHARGE HEAD L 50-6, 2-WAY FOR 55, 83 & 100
	STS-52023	DISCHARGE HEAD Z 501-6, 4-WAY FOR 55, 83 & 100
	STS-52045	DISCHARGE HEAD 1-WAY FOR 29, 60 & 99
	STS-52050	DISCHARGE HEAD 1-WAY FOR 55, 83 & 100



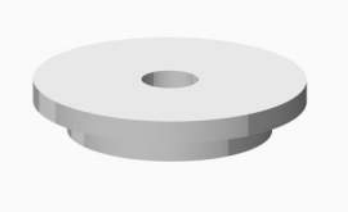



## SECTION IV - OPERATING MATERIAL


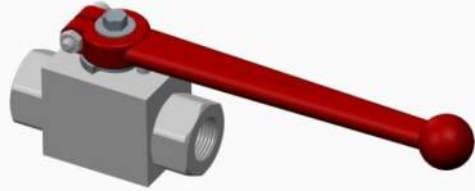


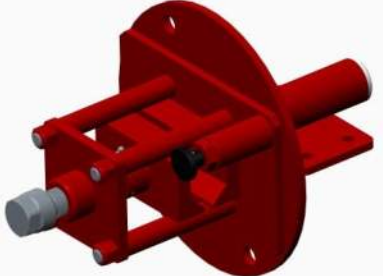

PRODUCT	PART NUMBER	DESCRIPTION
	<p>STS-60501</p>	<p>(100) #8 G2 GENERATORS W/ SHEAR DISK BS 303 &amp; COPPER WASHER C-45</p>
	<p>STS-60503</p>	<p>(100) #10 G2 GENERATORS W/ SHEAR DISK BS 353 &amp; COPPER WASHER C-50</p>
	<p>STS-60505</p>	<p>(100) #11 G2 GENERATORS W/ SHEAR DISK BS 354 &amp; COPPER WASHER C-50</p>
	<p>STS-61015</p>	<p>SHEAR DISK BS 303 FOR #8, SOLD IN PACK OF 100</p>
	<p>STS-61035</p>	<p>SHEAR DISK BS 353 FOR #10, SOLD IN PACK OF 100</p>
	<p>STS-61037</p>	<p>SHEAR DISK BS 354 FOR #11, SOLD IN PACK OF 100</p>
	<p>STS-61101</p>	<p>COPPER WASHER C 45 FOR #8, SOLD IN PACK OF 100</p>

PRODUCT	PART NUMBER	DESCRIPTION
	STS-61102	COPPER WASHER C 50 FOR #10 & 11, SOLD IN PACK OF 100
	STS-A89001	MAGAZINE, BUILT TO MEET ATF TYPE 2 SPEC FOR INDOOR STORAGE OF 50 POUNDS OR LESS. MADE OF 12 GA. STEEL WITH 1/4" STEEL AROUND THE LOCKS. LINED WITH 1/2" PYLWOOD AND FITTED HASPS FOR 2 KEYED ALIKE PADLOCKS. EQUIPED WITH CASTERS FOR EASY MOBILITY.
	STS-89010	PADLOCK, SOLID STEEL BODY, KEYED ALIKE, SOLD SEPARATELY.
	STS-71000	150 LB. DIGITAL SCALE.
	STS-71010	SCALE TUBE HOLDER BRACKET.

## SECTION V - SAFE-T-SHOT FILLING & ACCESSORIES










PRODUCT	PART NUMBER	DESCRIPTION
	STS-70851	HP FILLING NOZZLE, TOP
	STS-70852	HP FILLING NOZZLE, BOTTOM
	STS-70853	HP GASKET FOR HP FILLING NOZZLE
	STS-A70854	HP FILLING NOZZLE COMPLETE W/ GASKET
	STS-71206	BRASS "ABC" GASKET. REPLACEMENT FOR HANDWHEEL CONNECTOR
	STS-71207	5" BRASS STEM FOR HANDWHEEL CONNECTOR

PRODUCT	PART NUMBER	DESCRIPTION
	STS-71209	CO2 HANDWHEEL CONNECTOR
	STS-71217	72" FILL HOSE
	STS-71233	PLASTIC STOP FOR TUBE SPRING
	STS-71234	SPRING FOR BOTTOM OF COOLING TUBE
	STS-71235	TUBE SUPPORT BASE
	STS-71504	CO2 MAXPRO PUMP, 9800 PSI, FOR CO2 USE

PRODUCT	PART NUMBER	DESCRIPTION
	STS-71505	FILTER/REGULATOR VALVE
	STS-71518	CO2 BALL VALVE, 7200 PSI W/ HANDLE
	STS-71961	1/2" COPPER WASHER FOR HP FILLING NOZZLE
	STS-72196-A	HANDLE FOR BALL VAVLE P/N: STS-71518
	STS-A79000	360° VISE REVOLVING FOR ASSEMBLING ALL TUBES
	STS-71600	SAFE-T-SHOT REPACKING TABLE



PRODUCT	PART NUMBER	DESCRIPTION
	STS-79028	ACME THREAD SPINDLE AND FRONT PLATE FOR VISE
	STS-79003	FRONT PLATE FOR VISE
	STS-79010	LOCKING BOLT FOR VISE
	STS-79011	V-BLOCK FOR VISE
	STS-79050	IMPACT GUN, 3/4" DRIVE, AIR WRENCH
	STS-79051	1-5/8" DEEP WALL IMPACT SOCKET
	STS-79304	SAFETY VALVE KEY FOR TUBE HEAD RK455
	STS-79340	CONTACT BRUSH FOR CLEANING TUBE HEAD

PRODUCT	PART NUMBER	DESCRIPTION
	STS-79503	DIE GRINDER AIR TOOL FOR CLEANING ALL SEATS ON SAFE-T-SHOT TUBES
	STS-79505	1-3/8" DIA SURFACE CONDITIONING WHEEL
	STS-79506	1-1/4" DIA SURFACE CONDITIONING WHEEL
	STS-79508	ARBOR FOR SURFACE CONDITIONING WHEEL
	STS-79509	SHEAR DISK PICK
	STS-79560	1-1/2" DIAMETER TUBE CLEANING BRUSH - FOR 550, 830 OR 1000 TUBE
	STS-79563	1" DIAMETER TUBE CLEANING BRUSH - FOR 290, 600 OR 990 TUBE
	STS-79561-3	MIDDLE SECTION FOR TUBE CLEANING BRUSH - ROD ONLY- 3 FT LG - FOR A 290, 600, 550 OR 830 TUBE
	STS-79561-4	MIDDLE SECTION FOR TUBE CLEANING BRUSH - ROD ONLY- 4 FT LG - FOR A 990 OR 1000 TUBE

PRODUCT	PART NUMBER	DESCRIPTION
	STS-79562	T-HANDLE FOR TUBE CLEANING BRUSH - HAND GRIP ONLY
	STS-79564	DRILL ADAPTER FOR TUBE CLEANING BRUSH
	STS-79554	1/2" DIAMETER END BRUSH FOR CLEANING TUBE ENDS
	STS-79555	3/4" DIAMETER END BRUSH FOR CLEANING TUBE ENDS
	STS-80503	BANANA PLUG, RED FOR STS-80553
	STS-80511	HANDI-BLASTER #10
	STS-80553	DIGITAL OHM METER
	STS-80555	OHM METER LEADS
	STS-A80563	STORAGE WRAP W/FIRING CABLE & BANANA PLUGS, 50 FT. LONG



STS-A80564

STORAGE REEL W/ FIRING  
CABLE & BANANA PLUGS, 100  
FT. LONG



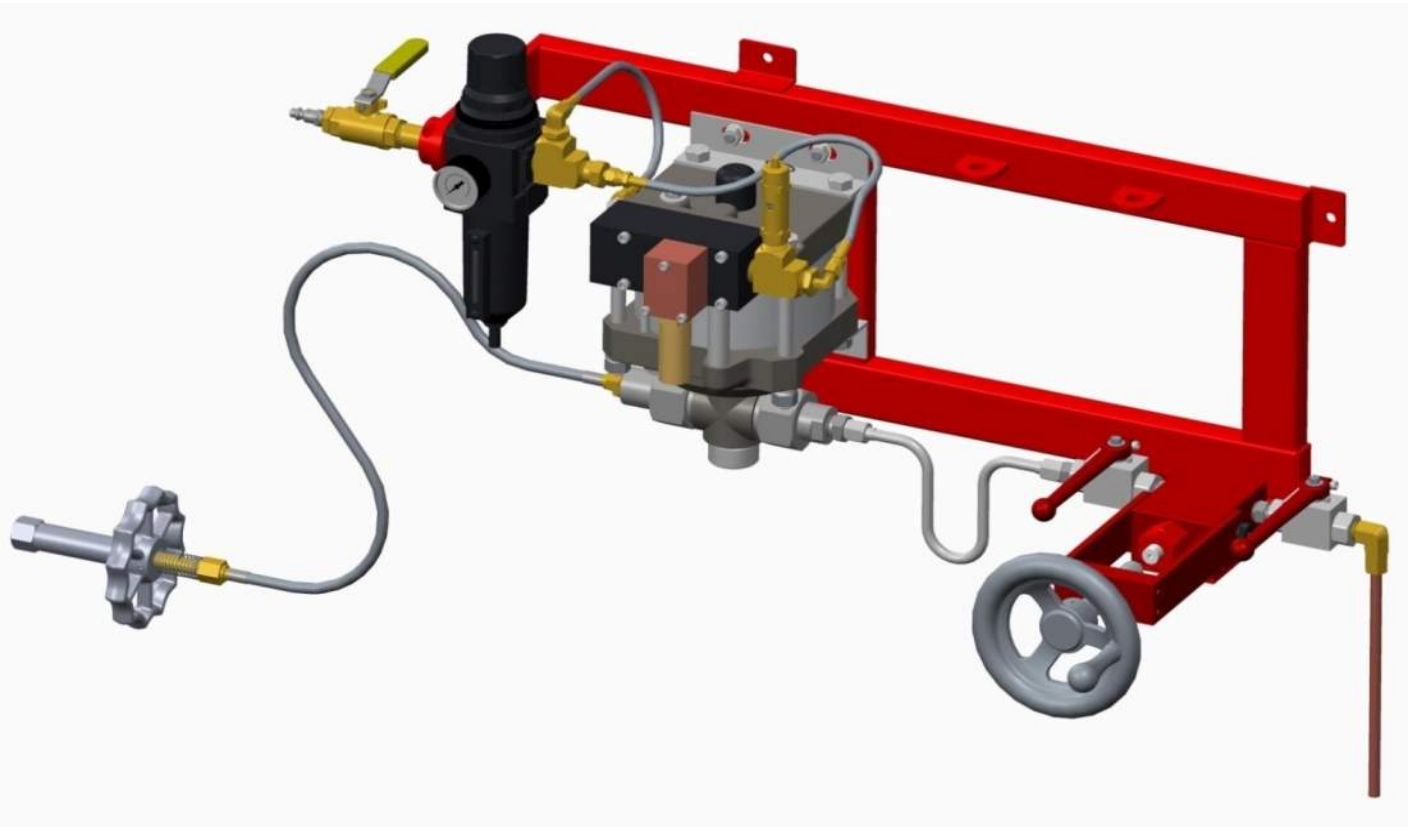
PART NUMBER

DESCRIPTION

STS-A90504

**SAFE-T-SHOT WALL MOUNT FILLING STATION  
W/ PUMP & ALL ACCESSORIES INCLUDING:**

- Rebuilding Table W/ 360 degree vise
- (1) IR259G Impact Gun;
- (1) 1-5/8" Deep wall impact socket;
- (1) Shear disc pick tool;
- (1) CO2 Filling hose with hand wheel;
- (6) Contact brushes;
- (2) Allen Wrenches;
- (1) Stainless steel tube cleaning brush;
- (1) Bottle of synthetic oil:
- (1) Bleed Valve & O-Ring Kit, (one each per tube);
- (2) HP Gaskets, spare part for Safe-T-Shot Filling Station IP;
- (1) End Brush, 1/2";
- (1) End Brush, 3/4";
- (1) Die Grinder;
- (1) Parts List;
- and (1) filling procedure, (1) operation instruction



PART NUMBER	DESCRIPTION
STS-A90505	SAFE-T-SHOT WALL MOUNT FILLING STATION W/ PUMP & NO ACCESSORIES.

## SECTION VI - INSPECTION & REPAIRS

SAFE-T-SHOT IN-SHOP REPAIRS		
	STS-90000A	REBUID AUTO-FILL HEADS
	STS-90011	GRIPCASE REPAIR
	STS-90015	INSPECTION/REPAIR OF DISCHARGE HEADS
	STS-90019	REBUILD PUMPS

SAFE-T-SHOT TUBE INSPECTIONS		
	STS-90001	TUBE #29 SAFETY CHECK W/ CERTIFICATION
	STS-90002	TUBE #55 SAFETY CHECK W/ CERTIFICATION
	STS-90003	TUBE #60 SAFETY CHECK W/ CERTIFICATION
	STS-90004	TUBE #83 SAFETY CHECK W/ CERTIFICATION
	STS-90005	TUBE #100 SAFETY CHECK W/ CERTIFICATION

SAFE-T-SHOT (TUBE FILLING)		
	STS-A90029	TUBE STS-290 REFILL #8
	STS-A90055	TUBE STS-550 REFILL #8
	STS-A90060	TUBE STS-600 REFILL #8
	STS-A90083	TUBE STS-830 REFILL #10
	STS-A90100	TUBE STS-1000 REFILL #11
	STS-A90990	TUBE STS-990 REFILL #11