

## AOT TYPE "C" SAFETY CLAMP



The AOT Type "C" Safety Clamp is one of the most valuable tools on the Rig Floor. It helps guard against dropping flush-joint pipe, streamlined drill collars, etc. into the hole while making-up or breaking-out the string. These clamps are ideal as an emergency elevator shoulder for lifting prepacked gravel liners, flush-joint pipe, twisted-off fish and similar items which have no shoulders for attaching conventional elevators. The Type "C" Safety Clamp can be used as a "Slip and Elevator" combination when running large diameter surface casing or used for simplified handling of drilling risers and casing heads during installation. Literally, it has dozens of money and time-saving applications in oilfield work, in addition to giving increased protection against fishing jobs.

The Safety Clamp consists of individual links, flexibly hinged together. Each link has a separate tapered slip which acts as a gripping member, much like a tapered rotary slip, and each slip is held in a retracted position on the taper by spring tension. When the clamp is tightened, each small slip takes a firm initial grip on the surface of the pipe. Should the pipe start to fall, or should load increase occur against the slips, the taper mounting causes each slip to wedge tighter against the surface of the pipe to increase the grip or lock the pipe against further movement.

Gripping pressure is always uniform around the pipe so there is little danger of crushing thin-walled pipe or damaging the pipe surface. And, since each link, complete with tapered slip, is interchangeable as a unit, the Safety Clamp is readily adaptable to virtually any diameter. Each link changes the effective gripping diameter of the clamp one inch. All parts are made of alloy steel, heat-treated for strength and gripping ability.

### CLAMPS WITH HANDLES & WRENCH

#### TYPE "CR" (SINGLE SCREW)

AOT #	RANGE O.D. SIZE	REFERENCE	LINKS REQUIRED	WT.
12-127	3 3/4" - 4 5/8"	7624-5103	7	46.00
12-128	4 1/2" - 5 5/8"	7624-5104	8	55.00
12-129	5 1/2" - 6 5/8"	7624-5105	9	60.00
12-130	6 1/2" - 7 5/8"	7624-5105	10	64.00
12-131	7 1/2" - 8 5/8"	7624-5105	11	69.00
12-132	8 1/2" - 9 5/8"	7624-5105	12	73.00
12-133	9 1/2" - 10 5/8"	7624-5105	13	78.00

#### TYPE "CL" (SINGLE SCREW)

12-134	10 1/2" - 11 5/8"	7624-5103	14	82.00
12-135	11 1/2" - 12 5/8"	7624-5104	15	87.00
12-136	12 1/2" - 13 5/8"	7624-5105	16	91.00
12-137	13 1/2" - 14 5/8"	7624-5105	17	115.00
12-138	14 1/2" - 15 5/8"	7624-5105	18	119.00

#### TYPE "C X L" (DOUBLE SCREW)

12-145	15 1/2" - 17"	7624-5103	18	121.00
12-146	16 1/2" - 18"	7624-5104	19	125.00
12-147	17 1/2" - 19"	7624-5105	20	129.00
12-148	18 1/2" - 20"	7624-5105	21	134.00

ADD - "B" TO END OF PART NUMBER TO INCLUDE BOX

# CLAMPS WITH LIFTING CLEVIS

## TYPE "CL" (SINGLE SCREW)

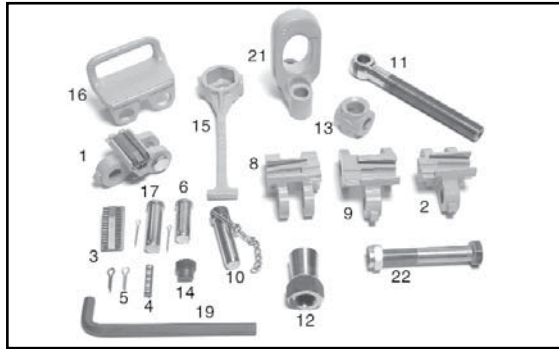
AOT #	RANGE O.D. SIZE	REFERENCE #	LINKS REQUIRED	WT.
12-150	10 1/2" - 11 5/8"	7624-5103	14	85.00
12-151	11 1/2" - 12 5/8"	7624-5104	15	89.00
12-152	12 1/2" - 13 5/8"	7624-5105	16	94.00
12-153	13 1/2" - 14 5/8"	7624-5105	17	99.00
12-154	14 1/2" - 15 5/8"	7624-5105	18	104.00

## TYPE "C X L" (DOUBLE SCREW)

12-155	15 1/2" - 17"	7624-5103	18	36.00
12-156	16 1/2" - 18"	7624-5104	19	40.00
12-157	17 1/2" - 19"	7624-5105	20	44.00
12-158	18 1/2" - 20"	7624-5105	21	44.00
12-159	19 1/2" - 21"	7624-5105	22	44.00
12-160	21 1/8" - 23"	7624-5103	24	36.00
12-161	24 1/8" - 26"	7624-5104	27	40.00
12-162	29 1/2" - 31"	7624-5105	32	44.00
12-163	35 1/2" - 37"	7624-5105	38	44.00
12-164	41 1/2" - 47"	7624-5105	44	44.00

ADD -B TO END OF PART # TO INCLUDE BOX

## REPLACEMENT PARTS FOR TYPE "C" SAFETY CLAMP



AOT #	ITEM	DESCRIPTION	REFERENCE #	** SPARES	WT.
12-101	1	LINK ASSY. COMPLETE	7624-A-7		5.00
12-102	2	LINK INTERMEDIATE	7624-A-1	6	3.75
12-103	3	INSERT w/COTTER	7624-A-4	1 SET	1.12
12-104	5	COTTER f/INSERT	900620-65		.06
12-105	4	SPRING f/INSERT	7624-E-5	1 SET	.06
11-106	6	LINK PIN w/COTTER	7624-C-5	6	.75
11-107	7	COTTER f/LINK PIN	900620-36		.06
12-108	8	END LINK (SCREW)	7624-A-3		4.50
12-109	9	END LINK (PIVOT BLOCK)	7624-A-24		3.50
11-110	10	END LINK PIN w/CHAIN	7624-F-5	1	1.25
11-111	11	SCREW	7624-A-5		4.00
11-112	12	NUT	7624-B-5		1.50
11-113	13	PIVOT BLOCK	7624-A-5000		1.50
11-114	14	PIVOT BLOCK PIN	7624-D-5		.25
11-115	15	NUT WRENCH	7624-A-25		4.00
12-116	16	HANDLE (CAST STEEL)	7624-A-6		3.00
11-117	17	HANDLE LINK PIN w/COTTER	7624-G-5		.75
11-118	18	HANDLE KIT	7624-A-5135		4.00
11-119	19	PIVOT BLOCK PIN WRENCH	900533-12		.25
11-120		SAFETY CLAMP BOX	7624-A-9		45.00
12-119		LIFTING CLEVIS COMPLETE	7624-29		15.00
12-120	21	LIFTING CLEVIS ONLY	7624-A-29		9.00
12-121	21	CLEVIS PIN & NUT	7624-A-30		2.50

ALL PARTS ARE INTERCHANGEABLE WITH BAASH-ROSS® TYPE "C" SAFETY CLAMPS

\*\* RECOMMENDED SPARE PARTS FOR 1 YEARS SERVICE