

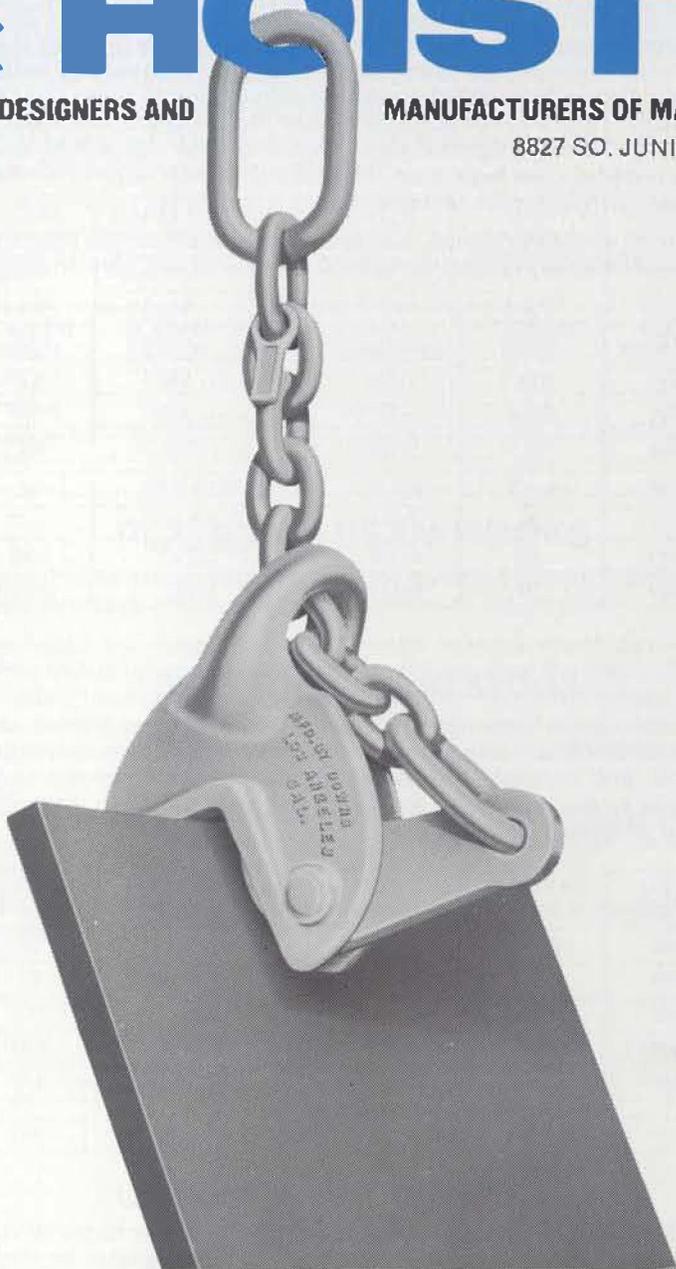
# **DOWNNS CRANE & HOIST CO., INC.**

DESIGNERS AND

MANUFACTURERS OF MATERIAL HANDLING EQUIPMENT SINCE 1922

8827 SO. JUNIPER STREET, LOS ANGELES, CA 90002 U.S.A.

WWW.DOWNSCRANE.COM



**HOOKS, TONGS, GRIPS AND SLINGS**

## **FAST, EFFICIENT HANDLING OF**

**PLATES, BEAMS, PIPE, BARS AND  
STRUCTURAL STEEL SHAPES:**

PLATE GRIPS: Rigid Guide Loop Type . . .	Pg. 2
Loose Guide Loop Type . . .	Pg. 2
SCREW PLATE CLAMPS . . . . .	Pg. 3
PLATE AND BEAM HOOKS . . . . .	Pg. 3
PLATE AND BEAM HOOKS with SLINGS . . .	Pg. 3
OPEN PLATE HOOKS . . . . .	Pg. 4
OPEN PLATE HOOKS with SLINGS . . . . .	Pg. 4
BEAM HANGER CLAMPS . . . . .	Pg. 4
BEAM TONGS . . . . .	Pg. 5
RAIL TONGS . . . . .	Pg. 5
RAIL WALKERS . . . . .	Pg. 5
GIRDER HOOKS . . . . .	Pg. 6
CLOSE CLEARANCE PIPE TONGS . . . . .	Pg. 6
PIPE AND BAR TONGS: Heavy Duty . . . . .	Pg. 7
PIPE AND BAR TONGS: Light Duty . . . . .	Pg. 7
PIPE AND BAR TONGS: Dual Lift Point Type . . . . .	Pg. 7
PIPE END HOOKS . . . . .	Pg. 8
PIPE END HOOK CLUSTERS . . . . .	Pg. 8
PIPE END HOOK CLUSTERS with SLINGS . . . . .	Pg. 8
TUBE PULLERS: Internal Expanding Type . . . . .	Pg. 8
HAIRPIN PIPE HOOKS . . . . .	Pg. 9
TWIN HOOKS . . . . .	Pg. 9
BILLET TONGS . . . . .	Pg. 10
SLAB TONGS . . . . .	Pg. 10
UTILITY HOOKS and SLINGS: Hooks Only . . . . .	Pg. 11
with Slings Complete . . . . .	Pg. 11
OPEN FORKED HOOKS with SLINGS . . . . .	Pg. 11
MISCELLANEOUS HANDLING DEVICES . . . . .	Pg. 12

SOLD BY:

## PLATE GRIPS

### RIGID GUIDE LOOP TYPE



Downs Plate Grips are for handling all types of steel sheets, plates, etc. or any material that can be properly inserted in the jaw opening.

All sizes exert a strong positive grip. Material may be handled in the vertical position, or turned from the horizontal to the vertical or from the vertical to the horizontal position with complete ease. The jaws are smooth and will not damage or mar the surface of the material. The grips are easily applied and released by one man. In the larger sizes, provision has been made for locking the cam open to facilitate placing the grip on the material.

With long sheets or plates, two or more grips should be used on a spreader beam to prevent the material from bending of its own weight.

ITEM NUMBER	CAPACITY TONS	JAW OPENING	WILL HANDLE STEEL PLATES	WEIGHT EACH
382	1/2	7/16"	0" TO 3/8"	14 LBS
383	2-1/2	3/4"	0" TO 3/4"	30
393	3	1-1/8"	0" TO 1"	50
384	4-1/2	1-1/2"	0" TO 1-1/2"	84
385	8	2-1/4"	0" TO 2"	153
389	10	4-1/4"	2" TO 4"	398
390	10	6-1/4"	4" TO 6"	465

### LOOSE GUIDE LOOP TYPE

The loose guide loop type plate grip is sometimes preferred when much of the material is to be handled from a horizontal position to vertical, and back again. These grips have the same versatility and features as the rigid guide loop type and their selection is largely a matter of individual preference.



ITEM NUMBER	CAPACITY TONS	JAW OPENING	WILL HANDLE STEEL PLATES	WEIGHT EACH
403	2-1/2	3/4"	0" TO 3/4"	37 LBS
404	4-1/2	1-1/2"	0" TO 1-1/4"	83
405	8	2-1/4"	0" TO 2"	150
409	10	4-1/4"	2" TO 4"	410
410	10	6-1/4"	4" TO 6"	470

All of the above listed Downs Plate Grips, whether loose or rigid guide-loop type, are only for use when handling plates or sheets vertically. They never are to be used to transport plates in the horizontal position. Plate grips should not be used for handling lubricated or highly polished plates. For specific handling problems of this nature, please contact our engineering department.

We reserve the right to change designs at any time when in our opinion the product may be improved thereby.

Weights given are approximate and may vary.

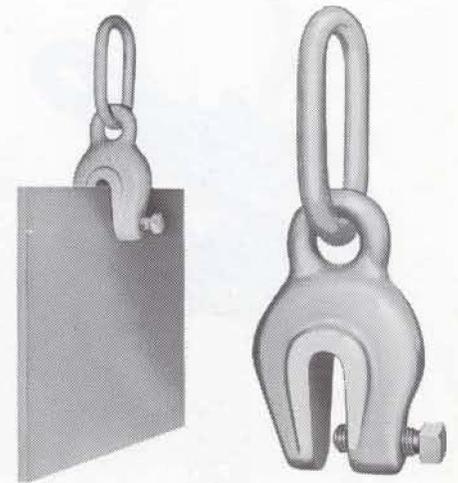
Capacities given here have been carefully calculated and proven in use; they are submitted without assuming any responsibility beyond the original price of the merchandise.

## SCREW PLATE CLAMPS

Screw Plate Clamps are used for lifting and positioning steel plates at bending rolls, brakes, shears, drill presses and similar processing operations. They are also extensively for erecting structural steel, tanks, and performing deck work on ships and other places where a reliable clamp is required. They can be inverted and used as a temporary or semi-permanent hanger for suspending objects from an overhead structure. Clamps are attached and removed from the plates or other material by using an ordinary wrench. When properly set in place on the material, they are not easily displaced by vibration, shocks or bumps incidental to work of this nature.

For satisfactory service, the hardened set screws must be replaced occasionally, as the threads may become damaged or upset and improper clamping action will result.

ITEM NUMBER	CAPACITY POUNDS	FOR PLATES UP TO	JAW OPENING	WEIGHT EACH
411	5000	0" TO 1"	1-1/8"	21 LBS
412	5000	0" TO 1-1/2"	1-5/8"	22
413	5000	0" TO 2"	2-1/8"	24
414-3	5000	1" TO 3"	3-1/8"	48
414-4	5000	2" TO 4"	4-1/8"	59
*416	10,000	0" TO 1"	1-1/8"	52



\*ITEM NO. 416 HAS MULTIPLE SET SCREWS AND IS CAPABLE OF HANDLING CURVED PLATE SECTIONS.

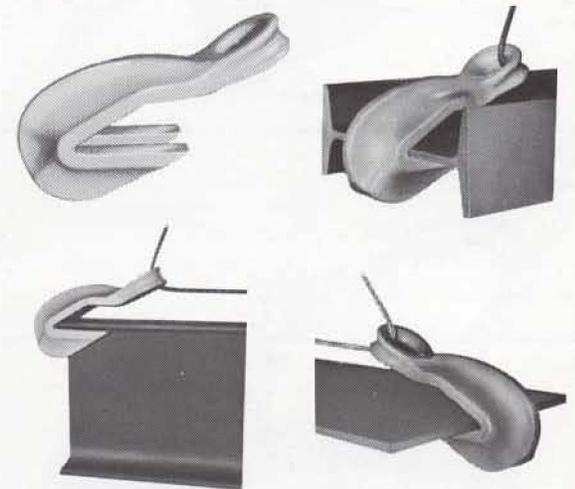
## PLATE AND BEAM HOOKS

These hooks are an efficient tool for handling plates, beams, and other structural material in the horizontal or flat position.

The hooks are designed with a tapered opening which causes the hooks to pull up and wedge tightly on the edges of the material, thus providing the holding force while under load. The slot provided in the lower lip will permit the hook to straddle the web of a beam for lifting beam sections from the ends. Hooks may be purchased separately, or slings can be furnished complete as listed below.

Slings with other than standard reach must be so noted at time of purchase and desired reach specified; unless so stated, slings will be supplied with reach as shown.

All dimensions and capacities are based only on the sling angles as shown.



### HOOKS ONLY

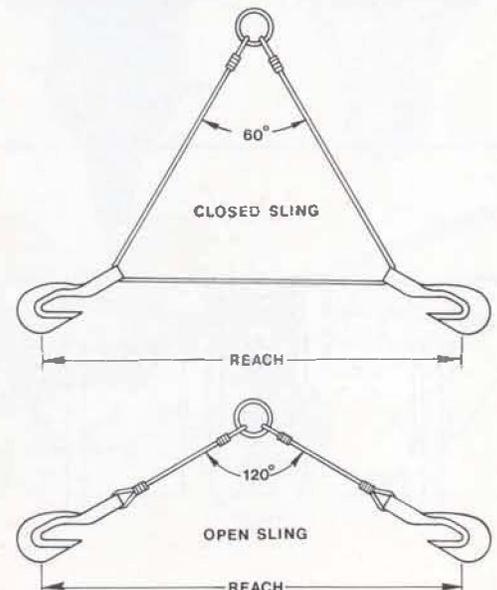
ITEM NUMBER	CAPACITY POUNDS	MAX. PLATE THICKNESS	WEB SLOT WIDTH	HOOK WIDTH	WEIGHT EACH
464	1500	1"	3/4"	3"	7 LBS
465	3000	1-3/4"	1-1/8"	3-1/2"	16

### CLOSED SLINGS COMPLETE

ITEM NUMBER	CAPACITY AT 60°	WIRE ROPE SIZE	HOOK NUMBER	REACH OF STANDARD SLING	WEIGHT OF STANDARD SLING
56-464	3000 LBS	3/8"	464	60"	20 LBS
56-465	6000	1/2"	465	60"	55

### OPEN SLINGS COMPLETE

ITEM NUMBER	CAPACITY AT 60°	WIRE ROPE SIZE	HOOK NUMBER	REACH OF STANDARD SLING	WEIGHT OF STANDARD SLING
52-464	3000 LBS	7/16"	464	60"	19 LBS
52-465	6000	5/8"	465	60"	52



**OPEN PLATE HOOKS**

Open Plate Hooks are for handling steel plates and similar material in a horizontal position. Equally efficient with a single plate or number of plates per lift. Hooks, fitted on slings, may be used in sets of two or more. Long material should be handled with the slings mounted on a spreader bar for support.

Hooks will be furnished separately or slings may be purchased complete as listed below. Slings with other than standard reach must be specified when purchased, otherwise standard reach will be supplied.

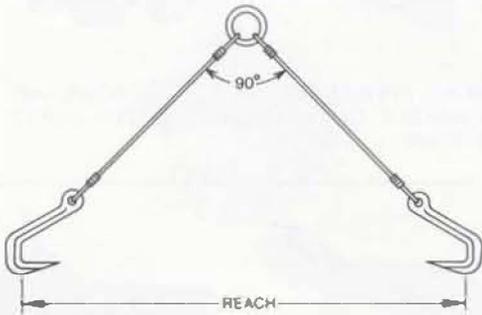


**HOOKS ONLY**

ITEM NUMBER	CAPACITY EACH HOOK	FOR PLATE THICKNESS TO	HOOK WIDTH	WEIGHT EACH
456	2000 LBS	2-1/4"	3"	15 LBS
457	3000	2-1/2"	4"	23
458	4000	3"	4-1/2"	33
459	5000	3-1/4"	5-1/2"	39
460	5000	6-1/4"	5"	44

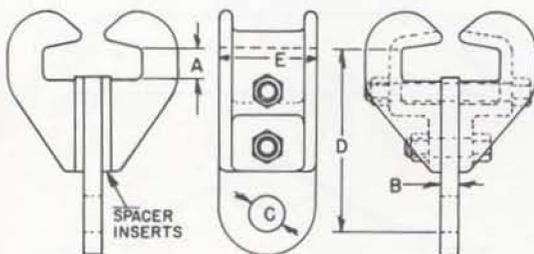
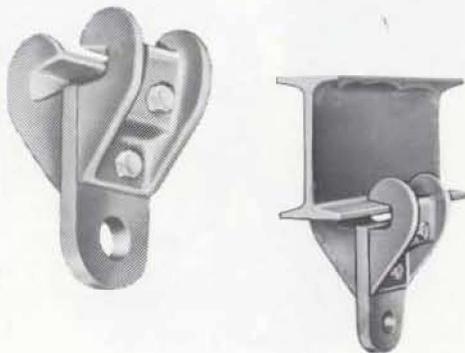
**SLINGS COMPLETE**

ITEM NUMBER	CAPACITY AT 90°	WIRE ROPE SIZE	HOOK NUMBER	REACH WITH STANDARD SLING	WEIGHT STANDARD SLING
52-456	4000 LBS	7/16"	456	60"	45 LBS
52-457	6000	9/16"	457	60"	61
52-458	8000	5/8"	458	60"	90
52-459	10,000	3/4"	459	60"	98
52-460	10,000	3/4"	460	60"	108



**BEAM HANGER CLAMPS**

Will



ITEM NO.	CAP. TONS	WILL FIT STD. BEAMS		DIM. A	DIM. B	HOLE C	HT. D	WTH E	WGT LBS
		MIN.	MAX.						
299-20	1	5"-10.0#	12"-40.8#	1"	1/2"	1"	5-1/2"	3"	9
299-40	2	6"-12.5	15"-42.9	1-1/8	5/8	1-1/4	6-3/8	3-1/2	12
299-60	3	8"-18.4	18"-54.7	1-1/4	3/4	1-1/2	7-1/2	4	22
299-100	5	10"-25.4	24"-105.9	1-1/2	1	1-3/4	9-1/8	5-1/4	43
299-200	10	12"-31.8	24"-105.9	1-1/2	1-3/8	2	10-1/2	21	117

## BEAM TONGS

Downs Beam Tongs are standard equipment for all plants handling or processing steel beams and girders. They provide a fast and easy means for moving flanged sections through the various fabricating processes, with the web upright.

The jaws have been designed for use with both standard I-beams and wide flange sections. Tong arms are proportioned to provide sufficient contact pressure for a tight hold on the beam without damaging the flanges.

The tongs are provided with a semi-automatic hold-open latch to facilitate placing of the tongs on the beam. With the latch set, the tongs can be lowered onto the beam tripping the latch and lifting the beam with no manual manipulation of the tong.

Tongs may be used singularly or in sets of two, spaced on a spreader beam for added stability of the load.

ITEM NUMBER	CAPACITY TONS	MAX. FLANGE WIDTH AND THICKNESS	JAW OPENING	WEIGHT EACH
11770	1	10" x 1"	11"	18 LBS
420	1-1/2	5" x 5/8"	5-1/4"	10
421	3	8" x 1"	8-1/4"	40
422	5	14" x 2"	15"	85
423	5	17" x 2"	18"	102
424	10	15" x 3"	16"	182
425	10	18" x 3"	19"	213



## RAIL TONGS

Downs Rail Tongs are ruggedly constructed and conservatively rated for railroad and construction use. They are designed for the quick handling of standard rail sections in all weights and sizes. The tongs are easily applied (by one man) over the head of the rail, for lifting with a hoist or crane. Where other than standard rails are involved, special tongs to suit will be supplied upon receipt of full specifications covering the rail to be handled.

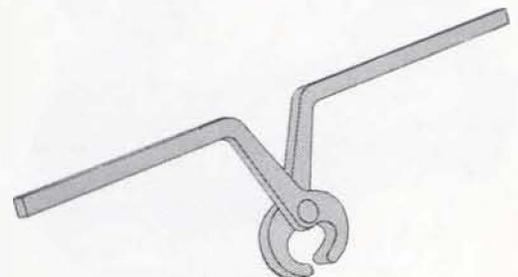
ITEM NUMBER	CAPACITY TONS	JAW WILL OPEN	FOR RAILS UP TO	WEIGHT EACH
362	2	3"	100 #	17 LBS
363	3	4-1/2"	HEAVIEST	42
364	3	6"	HEAVIEST	59



## RAIL WALKERS

Rail Walkers or rail carrying tongs, as they are often called, are extremely useful devices whenever rail must be moved or positioned by hand. The jaws on the rail walkers are designed in much the same manner as the standard rail tongs to provide an adequate grip under the rail head. The handles are sufficiently sized so that a man can easily grasp each of the handles for carrying or positioning the length of rail.

ITEM NUMBER	WIDTH	JAW OPENING		WEIGHT EACH
		MIN.	MAX.	
11050	25-1/4"	7/8"	3-3/4"	18 LBS



**GIRDER HOOKS**



These Girder Hooks are designed to lift all types of plate girders with flanges up to twenty-four inches wide by four inches thick. The load is carried on the point of the hook which extends well in under the flange close to the girder web. Hooks are slotted for straddling web stiffeners which otherwise might interfere with the proper placement of the hook. The bowl of the hook is constructed with a large radius to facilitate rolling or turning the girder on its side for loading or further fabrication. Large protected hand-holds in the back of each hook are provided for easy placement on the girder; these same hand-holds are suitable for fastening a wire rope or runner line for opening the hook with power. The lifting eye is large enough to take the heaviest crane hooks.

ITEM NUMBER	CAPACITY TONS	JAWS WILL OPEN	MAX. GIRDER FLANGE SIZE	WEIGHT EACH
426	10	33"	24" x 4"	345 LBS.
428	20	34"	24" x 4"	536
430	30	35"	24" x 4"	800

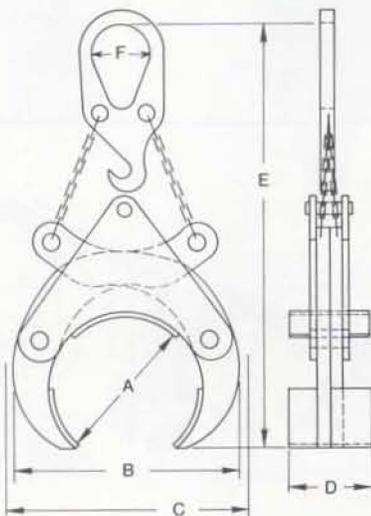
**CLOSE-CLEARANCE PIPE TONGS**



Downs Close-Clearance Pipe Tongs have several exclusive features which make them extremely desirable when handling pipe in close quarters or on construction jobs.

These tongs have relatively narrow backout on the arms for use in laying pipe in the ground, hence they are often referred to as Trench-Type Pipe Tongs. They can also grasp a pipe firmly and hold the pipe from an off-center position, when pushing sections of pipe together in trenches. The tongs are equipped with a special latch type lifting ring, which will allow the tong to be locked open so that it may be lowered onto the pipe section and grab the pipe without further manipulation. To release the pipe the ring may be lowered, causing it to latch and release the pipe.

The main body of the tongs are ruggedly constructed of welded steel for rough use. Their unique design protects the tong mechanism from most abuse normally encountered.



ITEM NO.	NOM. PIPE SIZE	CAP. LBS.	WGT. LBS.	DIMENSIONS					
				A	B	C	D	E	F
498-5	5	1000	17	5-9/16	9	10	4	18	3-1/2
498-6	6	1500	21	6-5/8	11	12	4	21	3-1/2
498-8	8	2000	45	8-5/8	14	15	5	27	3-1/2
498-10	10	2500	60	10-3/4	16	18	5	34	3-1/2
498-12	12	3000	96	12-3/4	20	22	6	35	4
498-14	14	3500	129	14	22	25	6	37	5
498-15	15	3500	134	15	23	26	6	39	5
498-16	16	4000	156	16	24	26	6	41	5
498-18	18	4500	189	18	26	29	7	45	5
498-20	20	5000	235	20	29	32	7	49	5
498-22	22	5000	298	22	31	35	7	55	6
498-24	24	5500	338	24	34	38	8	60	6
498-26	26	5500	360	26	35	40	8	60	6
498-28	28	6000	390	28	38	43	10	64	8
498-30	30	6000	431	30	40	45	10	68	8
498-36	36	10000	750	36	48	54	12	80	8

## PIPE AND BAR TONGS

### HEAVY DUTY TYPE

Down's Pipe and Bar Tongs are made especially for handling heavy pipe and round bar stock. They are also useful as a general utility tong for fast handling of steel shapes, bundled bar stock, heavy timbers, billets and bars, castings and steel turnings.

An outstanding feature of the Down's Pipe and Bar Tongs are the specially shaped arms which facilitate selecting and picking a pipe or bar out of a pile or off the floor. These uniquely designed arms can lift large or small bars and pipe directly off the floor surface by wedging under the item, thus eliminating the necessity of blocking under the item. Down's pipe and bar tongs can easily be used by one man to handle a wide variety of material.

All sizes, except number 365, are provided with a semi-automatic hold-open latch. With the latch locked in place, the tong remains open. When the tong is lowered onto the load the latch then releases and the load can be lifted.

ITEM NUMBER	CAP. LBS.	JAW WILL OPEN	PIPE SIZE O.D.		WEIGHT EACH
			MAX.	MIN.	
365	1500	5"	3-1/2"	1"	26 LBS
366	3000	9"	7"	2"	58
367	4000	12"	10"	3"	90
368	5000	13"	11"	4"	110
369	6000	15"	13"	5"	150



Heavy Duty

### LIGHT DUTY TYPE

Down's Light Duty Pipe Tongs are for handling pipe or bar of a specific diameter; and where the weight of the material to be lifted is not sufficient to require use of higher capacity pipe and bar tongs. Light Duty Pipe Tongs are especially useful for handling thin-wall pipe or short pieces of bar. These tongs have all the design features of the heavy duty pipe and bar tongs; including the ability to lift pipe or bar off the floor without blocking, plus the semi-automatic latch feature.

ITEM NUMBER	CAP. LBS.	JAW OPENING	PIPE SIZE O.D.		WEIGHT EACH
			MAX.	MIN.	
377-3-4	300	4-1/2"	4"	1"	4 LBS
377-5-7	500	8"	7"	2"	11
377-7 1/2-7	750	8"	7"	2"	28
377-7 1/2-10	750	11-1/2"	10"	3"	23
377-10-12	1000	13-3/4"	12"	4"	46
377-20-13	2000	15"	13"	5"	103
377-60-18	6000	19"	18"	6"	198

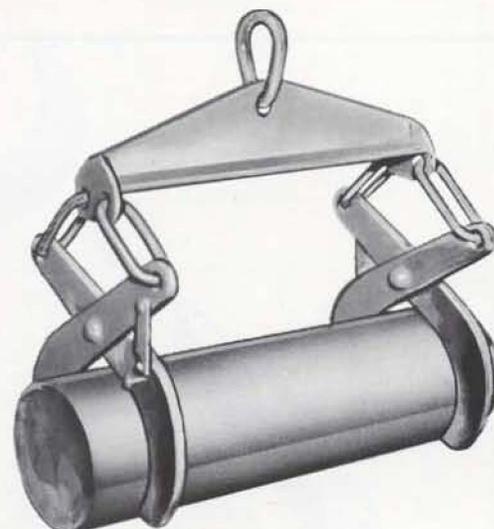


Light Duty

### DUAL LIFT POINT TYPE TONGS



Often times when a pipe or bar is long and unstable it is desirable to have two pipe tongs on a single spreader unit. This gives the advantage of stabilizing the lifted load and makes handling much easier. The tongs can be tied together and operated with a single latch or may be operated independently, as desired. Center spacing of the tongs depends upon usage; consult factory representative for further information.



Dual Lift Point Type

## PIPE END HOOKS

Pipe End Hooks will handle both plain and threaded pipe without damage to the material. The weight of the pipe is carried on a pad which extends through the end coupling into the pipe itself. The hooks are suitable for all pipe two-inch inside diameter and larger.

## HOOKS AND HOOK CLUSTERS ONLY

Two single hooks, or two complete hook clusters are required to make up a sling. Single hooks are suitable for handling a single pipe at each lift. Clusters will lift a number of pieces at each lift.

ITEM NUMBER	DESCRIPTION	CAPACITY LBS	WIRE ROPE SIZE	REACH	WEIGHT EACH
376	Single Hook	1000	None	0'-10"	9 LBS.
255	Two Hook Cluster	2000	3/8"	3'-8"	23
256	Three Hook Cluster	3000	3/8"	3'-8"	32
257	Four Hook Cluster	4000	3/8"	3'-8"	44
258	Five Hook Cluster	5000	3/8"	3'-8"	54

## SLINGS COMPLETE

Complete slings assembled with the above hooks and clusters are listed below. The various combinations are suitable for lifting from one up to five pipe sections at each lift. If a longer or shorter reach is required, the proper dimension must be specified, otherwise the sling with a reach as listed, will be shipped.

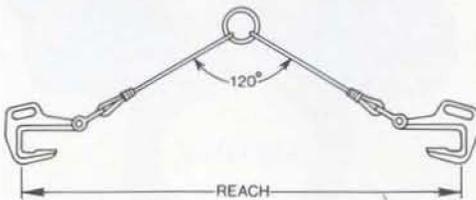
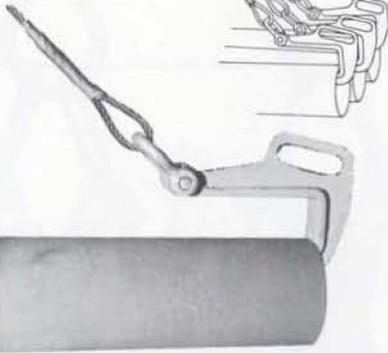
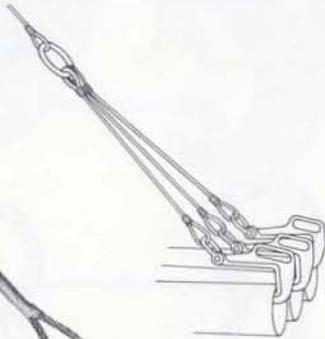
ITEM NUMBER	CAPACITY AT 120°	WIRE ROPE SIZE	HOOK CLUSTER NUMBER	REACH OF STD. SLING	WEIGHT STD. SLING
52-376	2000	3/8"	Single Hook - No. 376	20'-0"	26 LBS.
52-255	4000	1/2"	Two Hooks - No. 255	20'-0"	41
52-256	6000	5/8"	Three Hooks - No. 256	20'-0"	95
52-257	8000	3/4"	Four Hooks - No. 257	20'-0"	115
52-258	10,000	7/8"	Five Hooks - No. 258	20'-0"	141

## TUBE PULLERS

Tube Pullers are an internal expanding type grip for pulling tubes, with finished internal surfaces, through tube sheets. The puller exerts a uniform non-marring force on the inside of the tube. This unit is adjusted by means of an ordinary wrench on the expansion collar. It should be noted that these units are for finely finished tube, with little adjustment available. Therefore the exact Internal Diameter of the tube to be handled must be specified.

ITEM NUMBER	TUBE I.D. SIZE	WEIGHT EACH
10758-2.00	2	3.9 LBS.
10758-2.25	2-1/4	4.0
10758-2.50	2-1/2	4.5
10758-2.75	2-3/4	5.1
10758-3.00	3	6.3

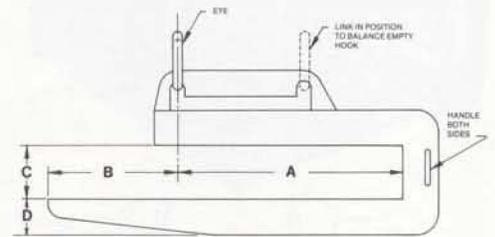
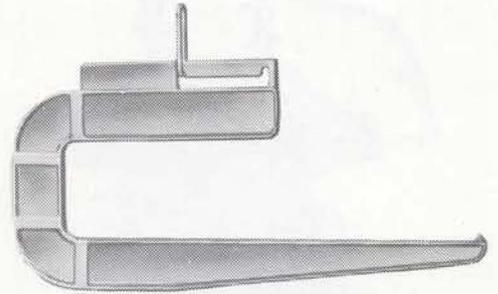
CONSULT FACTORY FOR OTHER AVAILABLE SIZES OR WHEN USED AS A LIFTING DEVICE.



## HAIRPIN PIPE HOOK

Down's Hairpin Pipe Hooks are designed for fast easy handling and installation of large diameter pipe. The unique design of the Hook allows handling of pipe without damaging pipe ends or inside finish of pipe. A sliding ring feature provides a balanced hook when empty as well as carrying a load. A counterweighted Hairpin Pipe Hook of low-headroom design is also available.

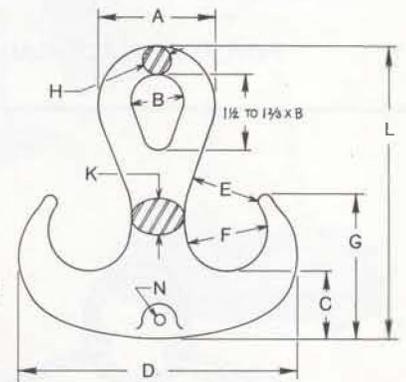
ITEM NUMBER	CAP. TONS	FOR PIPE LENGTH	DIMENSIONS INCHES				WEIGHT EACH
			A	B	C	D	
492-2-3	2	2' TO 3'	20	12	10	6	130 LBS
492-2-4		3 TO 4	26	18		7	155
492-2-5		4 TO 5	32	24		8	175
492-2-6		5 TO 6	38	30		8	240
492-3-4	3	3' TO 4'	26	18	12	7	190
492-3-6		5 TO 6	38	30		9	260
492-3-8		7 TO 8	50	42		12	360
492-3-10		9 TO 10	62	54		15	460
492-5-4	5	3' TO 4'	26	18	14	8	280
492-5-6		5 TO 6	38	30		10	370
492-5-8		7 TO 8	50	42		13	490
492-5-10		9 TO 10	62	54		16	730
492-7½-4	7½	3' TO 4'	26	18	16	9	370
492-7½-6		5 TO 6	39	30		11	540
492-7½-8		7 TO 8	52	42		14	660
492-7½-10		9 TO 10	64	54		17	985



LARGER CAPACITIES TO 25 TONS AVAILABLE — PLEASE CONTACT FACTORY.

## TWIN HOOKS

Twin Hooks are useful in rigging work where several parts of the sling or lashing must be passed over the hook. It is also used as a gathering hook where a number of slings or chokers must be suspended from the same point.



ITEM NO.	CAP. TONS	A	B	C	D	E	F	G	H	K	L	N	WEIGHT EACH
93-3	3	3-3/8	1-5/8	1-7/8	8-3/4	2-1/4	2-1/2	4-3/4	7/8	1-3/8	9-1/4	3/8	9 LBS
93-5	5	4-1/4	2	2-5/8	10-1/2	2-1/2	3	5-3/4	1-1/8	1-5/8	11-3/4	5/8	18
93-7½	7-1/2	5-1/2	2-3/4	3-1/4	12-3/4	3-1/8	3-1/2	7-1/8	1-3/8	2	14-1/2	3/4	30
93-10	10	6-1/4	3	3-1/2	15-1/4	3-1/2	4-1/4	8-1/2	1-5/8	2-1/4	16-3/8	7/8	51
93-15	15	7	3-1/2	3-7/8	17-1/4	4	4-1/2	9-1/8	1-3/4	2-3/4	18-1/8	1	73
93-20	20	9-1/2	4-1/2	4-3/4	18-3/8	4-3/4	4-3/4	9-1/2	2-1/2	3-1/4	21-5/8	1-1/4	130
93-25	25	9-1/2	4-1/2	4-3/4	18-3/8	4-3/4	4-3/4	9-1/2	2-1/2	3-1/4	21-5/8	1-1/4	130
93-30	30	12	6	6-1/2	24	6	6	12-1/2	3	4	28-1/2	1-1/4	270
93-40	40	12	6	6-1/2	24	6	6	12-1/2	3	4	28-1/2	1-1/4	270

## BILLET TONGS



Downs Billet Tongs are designed for handling any type material that needs to be vertically lifted and then lowered horizontally or vice versa. The tongs are of the compound leverage type, which exert a strong positive grip on the load.

The Billet Tongs are equipped with replaceable trunnion jaws. They may be ordered for handling either round or flat sided objects. The tongs are particularly useful for lifting forged billets from horizontal furnace cars and lowering into verticle quench baths. Downs Billet Tongs are equipped standard with semi-automatic "hold open" latches.

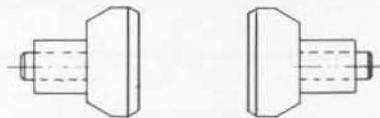
The semi-automatic latch holds the jaws open for positioning on the load to be picked up; the jaws close around the load and grip tightly as the load is lifted. When the load is lowered to the dock the latch must be manually reset.

Full-automatic latches are available (as an optional feature) where certain uses require a latch that opens and closes automatically.

Special models for unusual conditions such as handling extremely hot or caustic items, etc. are available on order.



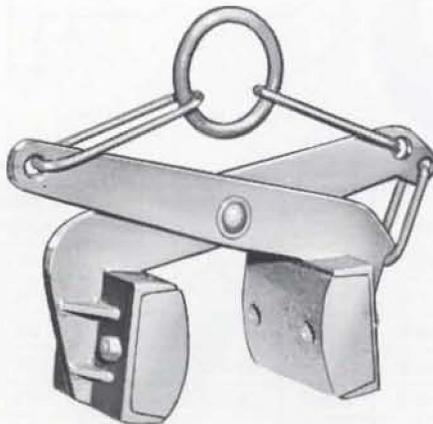
**FOR ROUND MATERIAL**



**FOR FLAT MATERIAL**

ITEM NUMBER	CAPACITY POUNDS	BAR SIZE JAW OPENING	WEIGHT EACH
494-5-5	500	3" TO 5"	28 LBS
494-10-9	1,000	7" TO 9"	43
494-10-12.5	1,000	11-1/2" TO 12-1/2"	94
494-20-5.3	2,000	4-1/4" TO 5-1/4"	48
494-20-9	2,000	7" TO 9"	54
494-20-11.5	2,000	9-1/2" TO 11-1/2"	108
494-20-13.5	2,000	11-1/2" TO 13-1/2"	138
494-20-18	2,000	16-1/2" TO 18"	185
494-20-22	2,000	20-1/2" TO 22"	203
494-20-26	2,000	24" TO 26"	256

## SLAB TONGS



Downs Slab Tongs are designed for lifting heavy slabs of concrete, stone, plate glass or highly polished metal sheets that must be protected from scratching or marring. Slab Tongs are frequently used in construction work positioning slabs. The curved pads give proper contact for gripping smooth surfaces and handling a large range of sizes. The choice of materials for the gripping surfaces of the tongs consists of rubber or hard wood. Semi-automatic latches are standard equipment and serve as an aid in positioning the tongs for picking-up the load. In the larger sizes, slab tongs are of the compound leverage type.

ITEM NUMBER	CAPACITY POUNDS	MATERIAL SIZE	WEIGHT EACH
11105	1,000	6" to 8"	42 LBS.
10819	1,500	4" to 10"	61
10784	1,500	6" to 12"	63
10820	1,500	15" to 21"	74
10914	2,000	0" to 1-1/2"	20
11010	10,000	3" to 5"	149

OTHER SIZES AVAILABLE IN STANDARD DESIGN. PLEASE CONSULT FACTORY.

## UTILITY HOOKS AND SLINGS

A light, general utility hook made in both single and double point construction. Suitable for handling bales, boxes, barrels, light timbers, castings, structural assemblies, etc. The large smooth eyes are suitable for use with wire rope, synthetic fiber or chain.

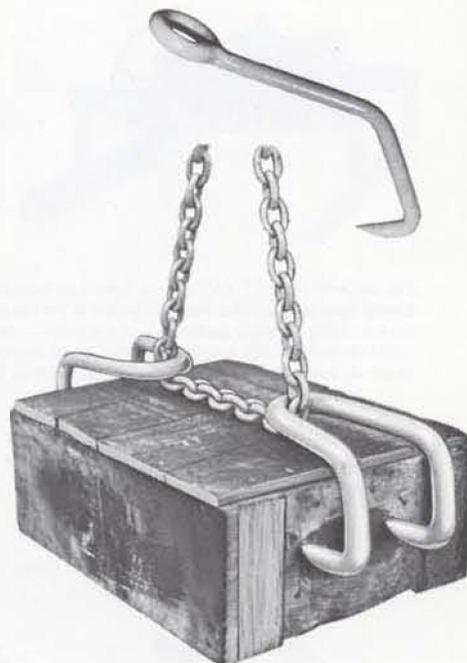
### HOOKS ONLY

ITEM NUMBER	CAPACITY EACH NOMINAL	NUMBER OF TINES	LENGTH EYE TO POINT	DIA. OF EYE	WEIGHT EACH
240	400 LBS	1	10-1/2"	1-1/2"	2.5 LBS
241	800	2	10"	1-1/2"	5.0

### SLINGS COMPLETE

These slings are fitted with a lifting ring, adjustable grab links, chain and single or double point hooks as listed. They are suitable for general purpose work where light miscellaneous material must be handled.

ITEM NUMBER	CAPACITY EACH	UTILITY HOOK	REACH	WEIGHT EACH
243	800 LBS	240 SINGLE	5 FEET	23 LBS
244	1600	241 DOUBLE	5 FEET	30



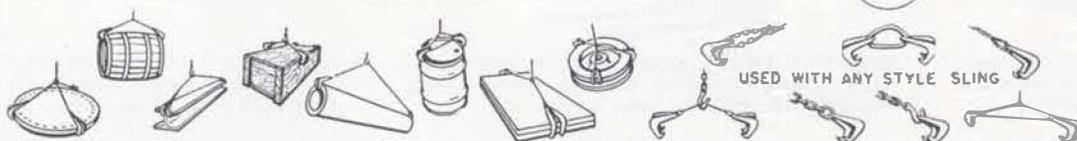
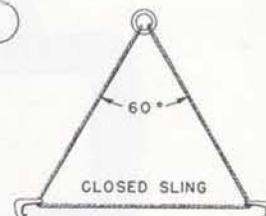
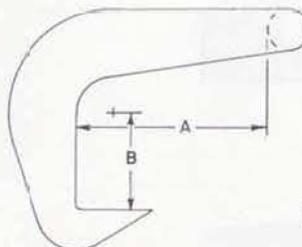
## OPEN FORKED HOOKS

A special feature of this type of hook is the ease and speed with which the hooks may be installed or removed from any convenient sling, leaving the sling available for other uses when required. The hooks are suitable for handling most boxes, crates, barrels, timber, steel sheets, plate, pipe, castings, etc. They are particularly useful where a wide variety of material must be handled which may require quick removal of the hooks from the sling for changing conditions. Many rigging departments keep a variety of sizes on hand for varied uses.

Working load limits as listed, are given with the load on the point of hook and the sling legs at angles approximately as shown.

Slings suitable for use with these hooks are available upon receipt of specifications.

ITEM NUMBER	LOAD CAPACITY AT SLING ANGLES SHOWN		REACH DIM. A	DEPTH DIM. B	WIDTH OVER ALL	WEIGHT EACH
	EACH HOOK	TWO HOOKS				
433	500 LBS	1000 LBS	5"	2"	4-1/2"	3 LBS
434	1000	2000	6"	2-3/4"	6"	8
435	2000	4000	8"	3-1/2"	7-1/2"	20
437	4000	8000	10"	5"	8-1/2"	42
439	6000	12,000	10"	5"	9-1/2"	60



# DOWNNS CRANE & HOIST CO., INC.

LOS ANGELES • CALIFORNIA, U.S.A.

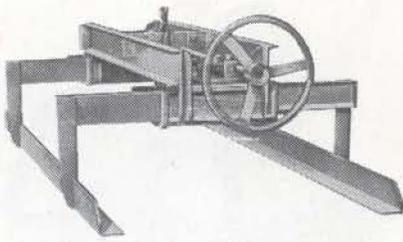


Figure 9-48 SHEET LIFTER — Low headroom type — Easily operated by one man — Suitable for the economical handling of large quantities of material — Adjustable for sheets of various widths — Hand wheel, pendant hand chain or electric motor operated — Capacities to 10 ton.

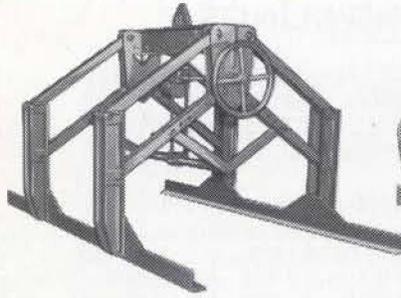


Figure 9-49 SHEET LIFTER — Parallel arm type — One man operated — Hand wheel or pendant hand chain for adjustment to sheet width — Suitable for handling large quantities bundled or loose sheets — Capacities to 10 ton.

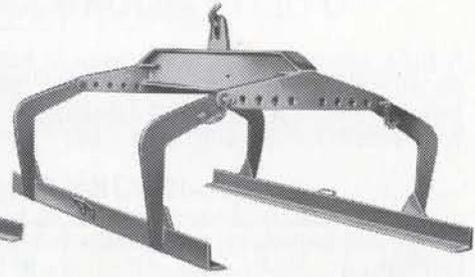


Figure 9-50 SHEET LIFTER — Easy pin adjustment for material of various widths — Will handle loose or bundled sheets — Capacities to 5 ton.



Figure 9-94 TRUNNION BAIL — Custom made in a variety of designs and capacities — For handling bins, buckets, ladles, etc.

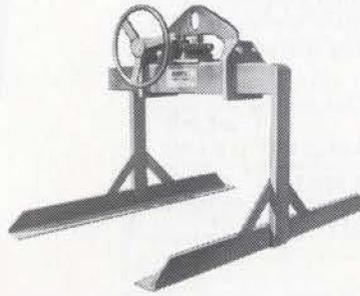


Figure 9-102 PALLET TONG — Suitable for handling pallets, flat panels, sheets, etc. — Hand wheel adjusted for various width material — Capacities to 10 ton.

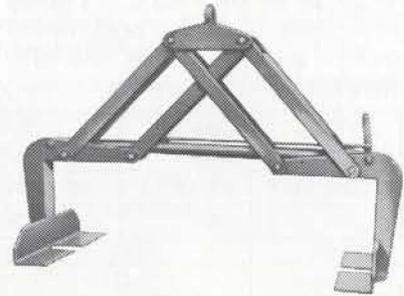


Figure 9-103 PALLET TONG — Semi-automatic — One man operation — Suitable for pallets, panels, cartons, boxes, etc. — Quickly adjusted to various widths — Capacities to 5 ton.

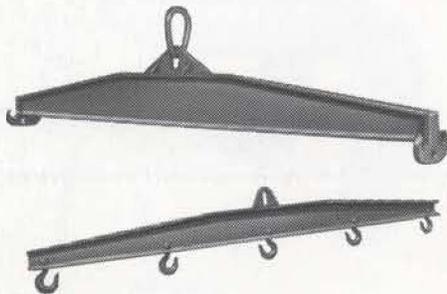


Figure 9-111 & 9-112 LOAD SPREADERS and STRONG BACKS — Custom made in a large number of designs to suit any loading condition — Any style with lifting capacity to suit.

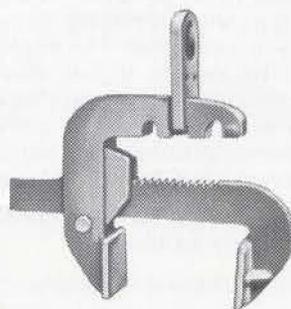


Figure 9-117 RATCHET TONG — Close adjustment to the load over the full range of tong opening — Lifting eye adjustable to balance load — Powerful grip — Suitable for handling boxes, timbers, bars, structural shapes, etc.

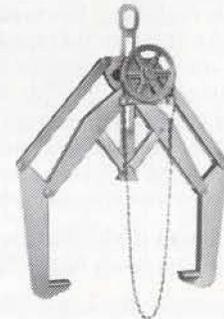


Figure 10-9 COIL TONG — Adjustable for wide range of coil widths — Capacities for all coil weights and widths.



Figure 10-10 COIL HOOK — For lifting and transporting coiled material of all types — All sizes and capacities.

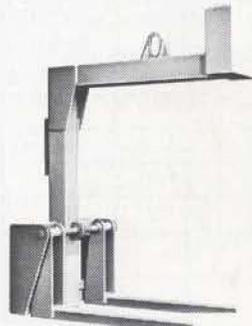


Figure 10-11 PALLET HOOK — Counterweighted for proper balance both when empty or loaded — Both adjustable and fixed fork types.



Figure 10-13 PALLET PULLING TONG — For skidding loaded pallets on the floor, dock or out of trucks.

ITEMS INCLUDED IN CATALOG 200C REPRESENT THE MOST FREQUENTLY USED STYLES AND SIZES OF THESE ITEMS. SHOULD YOU NEED A SPECIAL CAPACITY NOT SHOWN PLEASE CONTACT YOUR DEALER OR ENGINEERS AT THE FACTORY.