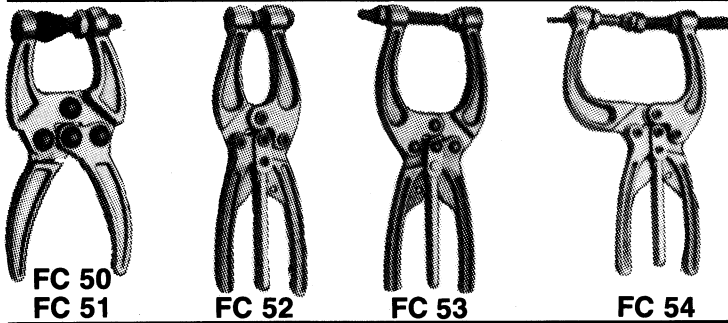
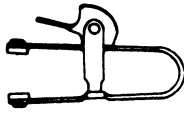


# TOGGLE CLAMPS



Model Number			Swivel Spindle	Spindle Thread Size	Length	(A) Reach	(B) Gap	Holding Pressure
	With	Without						
FC 50		•		1/4-20	4-1/2"	1-1/8	1	200
FC 51		•		5/16-18	6"	1-3/4	1-1/4	350
FC 52	•		•	5/16-18	8-1/16"	2-9/32	1/2	700
FC 53	•		•	3/8-16	8-1/2"	2-3/4	1-3/4	700
FC 54	•		•	3/8-16	8-1/2"	2-3/4	3	700

## HANDY CLAMPS

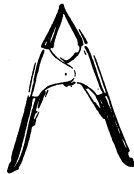


For use with varied thicknesses  
Sheet metal, cabinet work,  
electronics, models, etc.  
Replaceable rubber pads.

**K Series**

CLAMPING CAPACITY	EFFECTIVE JAW DEPTH	BODY LENGTH
5/32	1-3/8"	3-7/8
K2		
K1	1"	3-1/4"

## SPRING CLAMPS



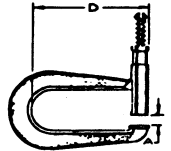
With Red Vinyl Handles  
And Tips

NO.	SIZE
1HT	1"
2HT	2"
3HT	3"

## SPRING TENSION CLAMPS

USE K200 PLIERS

PART NO.	A	D
AAT542	0	2
AAT543	1/4	3



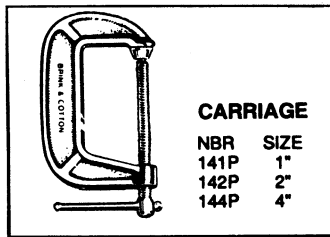
# "C" CLAMPS/BODY CLAMPS

## Super-Junior® Clamps Nos. 50 through 56

Famous since 1945. Steel screws are plated for longer life. Super-Junior "C" Clamps give more strength, longer life and greater value for all classes of work.

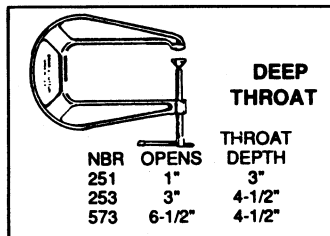


Item No.	Clamp No.	Opening	Depth*	Test Load (Lbs.)	Weight (Lbs.)
21301	50	1"	1"	500	1/4
21302	51	1"	1-1/2"	500	1/4
21303	52	1-1/4"	1-1/4"	800	1/4
21304	53	1-1/2"	1-1/2"	850	1/4
21305	54	2"	1-1/4"	875	1/4
21306	55	3"	1-3/8"	1,100	1/2
21307	56	2-1/2"	2-1/2"	850	1/2



### CARRIAGE

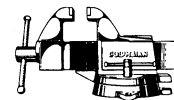
NBR	SIZE
141P	1"
142P	2"
144P	4"



### DEEP THROAT

NBR	OPENS	THROAT DEPTH
251	1"	3"
253	3"	4-1/2"
573	6-1/2"	4-1/2"

# MECHANICS VISES



## Multi Purpose Mechanic's Vise

Perfect for the tool room, shop or mechanic's bench. With jaws in normal position you have a vise with 5-1/2" wide jaws, 6" opening. Reversing the jaw gives you a vise with 5-1/2" jaw width and an incredible 9-3/4" jaw opening. Swivel base with four mounting lugs allows for 360° swivel. Two working anvil surfaces.

Item No.	Vise No.	Jaw Width	Jaw Opening	Throat Depth	Pipe Capacity	Weight (Lbs.)
14500	4500	5-1/2"	6"	3-3/4"	1/8"-3"	50
		5-1/2"	9-3/4"	3-3/4"		

\*With 4500 vise jaws in reverse position.



## Deep Throat, Forged Steel Body Clamps No. 400

A drop forged, heat treated clamp with exceptional appearance and strength. Threads on our screws are acme roll threaded for maximum strength and clamping force.

Item No.	Clamp No.	Opening Max. Min.	Depth*	Screw Dia.	Test Load (Lbs.)	Weight (Lbs.)
20301	402	2" 0"	2"	1/2"	3,500	1-1/2
20302	403	3" 0"	2-3/8"	5/8"	3,500	1-3/4
20303	404	4" 0"	2-3/4"	3/4"	6,500	2-3/4
20304	406	6" 0"	3-5/8"	3/4"	6,900	4-3/4
20305	408	8" 0"	4-1/2"	3/4"	6,900	8-1/2
20306	410	10" 0"	5-3/8"	7/8"	8,000	10-1/2
20307	412	12" 0"	5-3/4"	7/8"	9,500	14

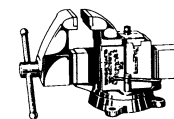
## Junior® C-Clamps Nos. 566 and 568

Ductile/malleable iron castings are designed for close work in pattern and mold making. Used extensively in the aircraft/aerospace industry because of their weight to strength ratio. Clamps listed with "N" suffix have nylon caps on the tips and nylon inserts securely fixed to the foot of the clamp.



Item No.	Clamp No.	Opening	Depth*	Test Load (Lbs.)	Weight (Lbs.)
22105	566	1-1/4"	1-1/4"	450	1/4
22115	566N	1-1/4"	1-1/4"	450	1/4
22106	568	2-1/2"	2-1/2"	550	1/2
22116	568N	2-1/2"	2-1/2"	550	1/2

\*Depth is from center of screw to frame.



## Machinist's Vises

America's most popular machinist's vises have strong ductile iron main castings. Hardened, replaceable, tool steel jaw faces are furnished with a deep knurled pattern to insure positive gripping. All sizes except 6" & 8" have a generous ground/polished anvil. Stationary Base models have a flat base which makes it unnecessary to modify bench top for mounting. Swivel Base models allow full 360° rotation.

Machinist's Vises		Stationary Base		Swivel Base	
Jaw Width	Jaw Opening	Throat Depth	Item No.	Vise No.	Wt. (Lbs.)
3"	4"	3"	10101	503M3	21
3-1/2"	5"	3-1/4"	10102	503-1/2M3	30
4"	6"	3-5/8"	10103	504M3	38
4-1/2"	7"	4-1/8"	10104	504-1/2M3	49
5"	8"	4-1/4"	10105	505M3	60
			10201	603M3	25
			10202	603-1/2M3	35
			10203	604M3	46
			10204	604-1/2M3	57
			10205	605M3	70