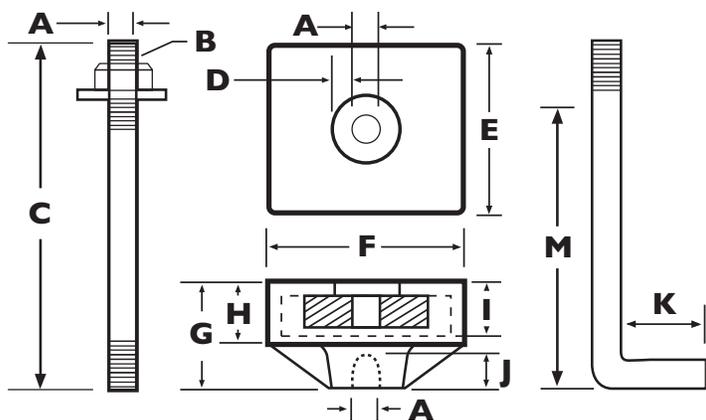
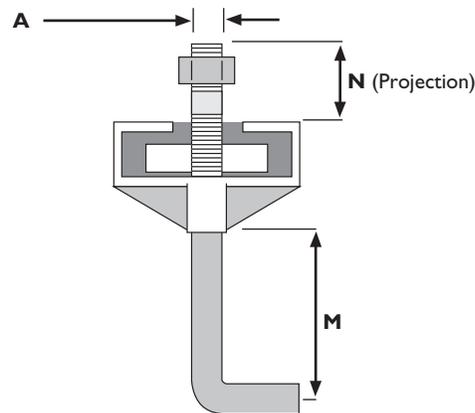
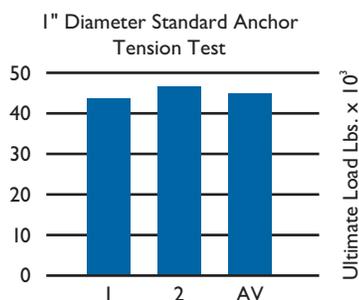


# DECO HEAVY-DUTY ADJUSTABLE STANDARD ANCHORS

Deco Heavy-Duty Adjustable Anchor's durable, heavy-duty anchor studs and couplings are machined from mill-tested, C1144 (A-311) stress-proof, cold-rolled steel having a minimum tensile strength of 115,000 lbs. psi and yield strength of 100,000 lbs. psi. Special orders from alloy steel are available with a yield strength of 130,000 lbs. psi.

## DECO HEAVY-DUTY ADJUSTABLE SPECIAL ANCHOR

Identical to the standard anchor in every other way, the Deco Heavy-Duty Adjustable Special Anchor has 3/4-inch M bolts and a 2" X 4" extension on one side to support a leveling screw used in some machine bases.



DIMENSIONS							
Diameter, Stud, & Bolt	A	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"
Threads Per Inch	B	13	11	10	9	8	7
Fastening Stud with a nut and washer	C	Length to Specifications					
Anchor	D	3/8"	5/8"	5/8"	1 3/16"	3/4"	1"
	E	3 3/4"	4 1/4"	4 1/4"	4 7/8"	4 7/8"	6 1/8"
	F	3 3/4"	4 3/4"	4 3/4"	5 1/2"	5 1/2"	7 1/8"
	G	2"	2 7/8"	2 7/8"	4 1/8"	4 1/8"	4 3/4"
	H	1 3/8"	1 5/8"	1 5/8"	1 7/8"	1 7/8"	2 3/8"
	I	7/8"	1"	1 1/8"	1 1/8"	1 1/8"	2"
	J	1"	1 1/4"	1 1/4"	1 3/4"	1 3/4"	1 7/8"
Anchor Bolt	K	2"	2 1/2"	3"	3 1/2"	4"	5"
	M	Length to Specifications					
	N	Length to Specifications					



## DECO HEAVY-DUTY ADJUSTABLE STANDARD ANCHOR PERFORMANCE

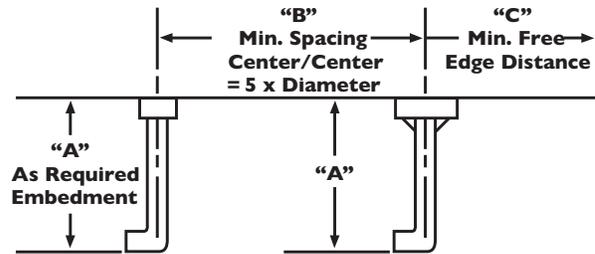
1 Safe working loads are based on a 3,000 lbs. psi concrete compressive strength at 28 days and a safety factor of 4 against predicted ultimate loads. Safe working loads are for anchors loaded in a static condition. For a dynamic loading condition, reduce loads by a minimum of 50%.

ANCHOR SIZE	½"	¾"	1"	1½"	2"	2½"
Pullout Safe Working Load (lbs.) (1)	1,953	3,108	4,593	6,353	8,333	13,323
Shear Safe Working Load (lbs.) (1)	1,098	1,748	2,583	3,573	4,687	7,495
As Required Embedment ("A")	6"	7½"	9"	10½"	12"	15"
Minimum Free Edge Distance ("C")	4"	4"	4"	4¾"	5"	6¼"

2 Combined Stress Interaction Formula:

$$\frac{\text{Actual Tension Applied}}{\text{Safe Working Load Allowable Pullout}} + \frac{\text{Actual Shear Applied}}{\text{Safe Working Load Allowable Shear}} \leq 1$$

3



**Coupling Anchor Standard Anchor**

## DECO: THE INDUSTRY STANDARD

For more than 50 years, Deco Manufacturing has delivered industrial products that stand the test of time. Our work is rock solid — and so is our reputation. When it comes to your manufacturing needs, trust Deco Manufacturing to get the job done.

**Call right now and we'll give you an estimate or place your order in minutes.**