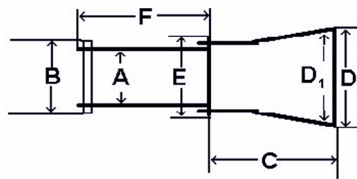


BUCKLES



Ratchet Buckles

- Sturdy construction
- Different handle widths and lengths
- Gold dye-chromated finish
- Design factor 3:1



WLL (lbs)	Dimensions (inches)							Vanguard Code
	A	B	C	D	D ¹	E	F	
1,000	1.18	1.85	3.66	2.36	2.20	2.24	3.27	3701 1003
3,660	2.05	2.95	5.51	3.03	2.68	3.66	4.56	3701 2004
3,660	2.05	2.95	6.69	4.02	3.66	3.66	4.53	3701 2006
3,660	2.05	2.95	7.68	4.02	3.66	3.66	4.53	3701 2011
7,300	3.03	4.88	11.42	4.57	4.13	5.47	7.09	3701 3001

Warning:

Make sure that webbing is wrapped 2 - 3 times around reel before tightening

Do not use handle extensions or extension bars

Do not use straps that are cut, frayed or otherwise damaged

Protect straps from sharp corners or edges with corner protectors

The total mass/weight of the load shall not exceed the aggregate working load limit of all tie-downs

Keep ratchet buckles clean and lubricated

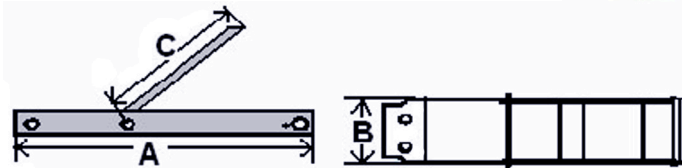
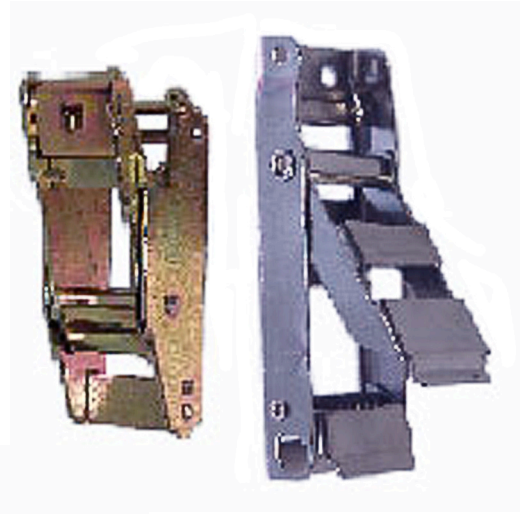


BUCKLES



Overcentre Buckles

- Sturdy construction for additional tension on straps
- Gold dye-chromated finish or chrome-nickel stainless steel
- Low wear to strap
- Positive locking features
- Design factor 3:1



Type	WLL (lbs)	Dimensions (inches)			Vanguard Code
		A	B	C	
GOLD DYE-CHROMATED	1,860	6.75	2.50	4.12	3701 4020
STAINLESS STEEL	1,100	6.14	2.36	3.62	3701 4050

Warning:

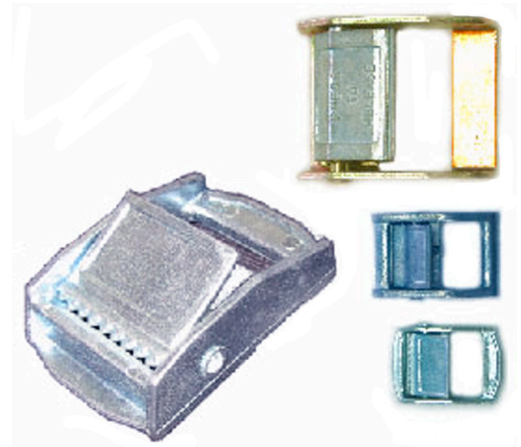
Do not use straps that are cut, frayed or otherwise damaged
Protect straps from sharp corners or edges with corner protectors
Keep overcentre buckles clean and lubricated

BUCKLES

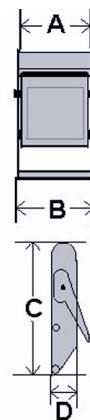


Cam Buckles

- Cam buckles for easy and quick tying down of loads
- Die-cast, solid construction
- Large model with steel base
- For 1" and 2" wide straps
- Design factor 3:1



WLL (lbs)	Dimensions (inches)				Vanguard Code
	A	B	C	D	
230	1.00	1.28	1.95	0.60	3701 5000
660	2.13	2.40	3.07	0.94	3701 5001
200	1.00	1.18	1.73	0.47	3701 5002



Note:

WORKING LOAD LIMITS ARE FOR STRAIGHT IN-LINE PULLS ONLY

Warning:

Do not use straps that are cut, frayed or otherwise damaged
 Protect straps from sharp corners or edges with corner protectors
 The total mass/weight of the load shall not exceed the aggregate working load limit of all tie-downs
 Keep cam buckles clean and lubricated

VANGUARD STEEL LTD.