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## Safety Considerations

### Working Load Limit Information

The Commercial Vehicle Safety Alliance (CVSA), an Association of State and Provincial Officials, is responsible for the administration and enforcement of Motor Carrier Safety Laws in the United States, Canada, and Mexico.

ALP Web Products Division has followed the recommendations of the CVSA - Cargo Securement Tie-Down Guidelines. These guidelines recommend that straps for securing loads on commercial vehicles are labeled to indicate a "Working Load Limit" of 1/3 of the minimum breaking strength of the strap assembly. We have published the Working Load Limit of all assemblies, each meeting or exceeding the requirements of the CVSA.

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**CAUTION: Cargo Assemblies are not designed for lifting purposes. Do Not Use Cargo Assemblies for lifting applications (See Section 4 - Nylon Slings for lifting uses ). Do Not Use Cargo Assemblies beyond their Working Load Limit.**

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### Inspection and Care of Synthetic Tie-Downs and Components

**A good tie-down inspection program is based upon:**

- Consistent inspections prior to product use
- Respect for the capabilities and limitations
- Good judgement
- Efficient recordkeeping

**Strap assemblies should be discarded if any of the following are present:**

- Exposure to temperature above 194°F
- Melting and charring of any part of the synthetic fabric
- Snags, punctures, tears or cuts
- Broken or worn stitches
- Distortion of component hardware
- Knot (which greatly reduce the strength of the strap assembly)

**To maintain the quality and life of tie-downs and components:**

- Avoid overloading strap assemblies and components
  - Keep strap assemblies from coming in contact with sharp edges
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## Part Number Identification

**TO AVOID ERRORS IN THE INTERPRETATION OF PRODUCT REQUIREMENTS WE URGE YOU TO USE THE PRODUCT CODES WHENEVER POSSIBLE.**

**NOTE:** If an end fitting is purchased by itself, the complete part number is used (*i.e.* 65-H2) as listed in the “Hardware” section. If the end fitting is used as part of the strap assembly, only the part number following the dash is used (*i.e.* -H2).

### Part No. 18-H2-324

1. The first two numbers of any ratchet assembly represent the main part of the strap assembly (webbing, ratchet or buckle). See the codes below.
2. The next two characters identify the end fitting (See the Hardware Section).
3. The last group of digits indicate the overall length in inches.

Thus, the above part number represents a 2x27 Ft. overall length Ratchet Strap Assembly with a Long Wide Handle Ratchet and Flat Hooks each end.

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### Webbing Fabric

PART NO			Color
6011	1" Nylon Treated	2500 lbs.	Red
6012	1" Nylon Treated	2500 lbs.	Blue
6013	1" Nylon Treated	4500 lbs	Blue
6019	2" Polyester Treated	6500 lbs.	Gray
6020	2" Polyester Treated	6500 lbs.	Yellow
6021	2" Polyester Treated	6500 lbs.	Blue
6025	2" Polyester Treated	10,000 lbs.	Yellow
6026	2" Polyester Treated	12,000 lbs.	Yellow
6035	3" Polyester Treated	15,000 lbs.	Yellow
6036	3" Polyester Treated	18,000 lbs.	Yellow
6045	4" Polyester Treated	20,000 lbs.	Yellow
6046	4" Polyester Treated	24,000 lbs.	Yellow

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### Buckle & Ratchet Identification

CODE	WEB SIZE	DESCRIPTION
12	1 inch	22-B2 Cam Buckle Assembly
13	1 inch	22-B4 Cam Buckle Assembly
14	2 inches	22-B5 Cam Buckle Assembly
15	2 inches	2000 Short Wide Handle Ratchet 11,000 lbs.
16	2 inches	2001 Standard Short Handle Ratchet 11,000 lbs.
17	2 inches	2011 Utility Ratchet 4,000 lbs.
18	2 inches	2002 Long Wide Handle Ratchet 11,000 lbs.
19	1 inch	2003 Mini Ratchet (Light Duty) 1,200 lbs.
20	1 inch	2004 Mini Ratchet (Heavy Duty) 3,000 lbs.
22	3 inches	2014 Heavy Duty Long Handle Ratchet 22,000 lbs.
23	2 inches	2103 Overcenter Buckle (Series E/F Strap)
24	4 inches	2015 Heavy Duty Long Handle Ratchet 24,000 lbs.

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