



## RATCHET STRAP ASSEMBLIES

BISON can design and manufacture heavy or light duty ratchet assemblies that are weather and wear resistant and will secure your load properly and safely.

All BISON tie down straps and ratchet assemblies are manufactured from the highest quality proof tested webbing hardware. They can be supplied with anyone of several standard or custom made end fittings to ensure that your load is adequately and safely secured. Larger ratchet assemblies are available in standard or long handled versions.



**HEAVY-DUTY RACHET ASSEMBLY**  
Available in 1", 1 3/4" and 3" widths



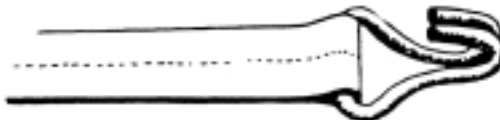
**WITH FLAT HOOKS**



**WITH DELTA RINGS**



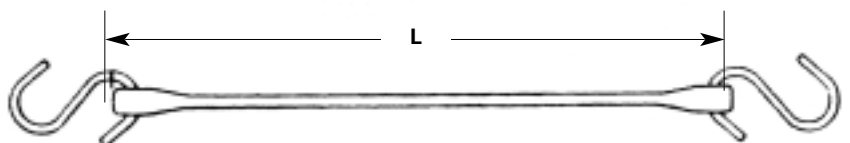
**WITH SNAP HOOKS**



**WITH WIRE HOOKS**

## RUBBER TENSION TIES

WEIGHT PER 50 PIECES LBS.	OVERALL LENGTH INCHES	SPAN INCHES	LENGTH INCHES
9.1	14	15 to 20	10
11.0	19	20 to 30	15
13.3	25	30 to 40	21
16.4	35	40 to 55	31
19.5	45	50 to 70	41



**NOTE: TWO TYPES AVAILABLE: INDUSTRIAL AND COMMERCIAL..**