

GLOSSARY OF COMPONENTS

1. **TDS##-(PH1, PH2, PH3)** – Model No. for Tiedown System
1st # = Number of floors.
2nd # = Strength level.
PH#: Plate height for each floor.
2. **TDS#HS-(PH1, PH2, PH3)** – Model No. for High Strength Tiedown System
= Number of floors.
PH# = Plate height for each floor.
3. **ATS-2BH** – Tension/Compression Cage
Connects lower story rod to upper story rod.
Maximum rod diameter 1".
Maximum tension capacity 19,400 lbs.
4. **ATS-2CH** – Tension/Compression Cage
Connects lower story rod to upper story rod.
Maximum rod diameter 1".
Maximum tension capacity 25,210 lbs.
5. **ATS-2DH** – High Strength Tension/Compression Cage
Connects lower story rod to upper story rod.
Maximum rod diameter 1 1/8".
Maximum tension capacity 41,200 lbs.
6. **ATS-2EH** – High Strength Tension/Compression Cage
Connects lower story rod to upper story rod.
Maximum rod diameter 1 1/8".
Maximum tension capacity 60,400 lbs.
7. **ATS-PW#** – Plate Washer
Used for rods on top of the 3-series plate components.
is associated with rod diameter.
Example: PW6 = Plate washer for 3/4" rod.
8. **ATS-DW#** – Deep Washer
Used for rods inside the ATS-2BH,
ATS-2CH, ATS-2DH or ATS-2EH components.
is associated with the rod diameter.
Example: DW6 = Deep Washer for 3/4" rod.
9. **ATS-3** – Top of System Bearing Plate
10. **ATS-C##** – Coupling Nuts (**ATS-HSC#** for high strength)
1st # = One end's rod size in eighths of an inch.
2nd # = Other end's rod size in eighths of an inch.
Example: C54 = 5/8" to 1/2" reducing coupler nut
C44 is a standard 1/2" to 1/2" coupler nut.
11. **ATS-N#** – Grade 2H Nuts
is rod size in eighths of an inch.
Example: N4 = 1/2" nut.
12. **ATS-SR#** – Strong Rod (**ATS-SR#H** for high strength)
is the rod size in eighths of an inch.
13. **TUD1 1/8-1** – Takeup Device
Accommodates from 1/2" to 1 1/8" all thread rod with 1"
of travel.
14. **ATS-PL#** – Plate Washers
Plate washers used under 2-series cages to increase maximum
incremental bearing capacity. Maximum rod diameter 1 1/4".