

Fastening Specifications

Table 1 and Figs. 4 specify the required number and type of fasteners for each anchor leg. **WARNING!** Use only SAS supplied fasteners. **DO NOT** substitute with other types. **Torque Setting:** **WARNING!** Do not overtighten screws to prevent damage to the fasteners. Flush mount screws to anchor leg surface with the minimum torque necessary.

Table 1: Fastener Specifications/Strength Rating

See Fig.	Fastener Type	No. Required Each Leg	Total Fasteners	Strength Rating
4a	▲ 16d Duplex Nail	6	12	5,000lb
4b	▲ WS 3.0" Screw	5	10	

▲ Do not reuse fasteners.

Fig. 4a



12-16d Duplex Nails: 6 each leg center row. Use small diam. holes only

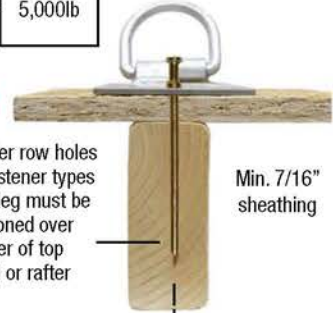
4b



10-WS 3.0" Hex Head screws: 5 each leg Use large diameter holes only

Fig. 5a

Use center row holes for all fastener types Anchor leg must be positioned over center of top chord or rafter



Min. 7/16" sheathing

WARNING! DO NOT USE LARGE FASTENER HOLES FOR DUPLEX NAILS

5b

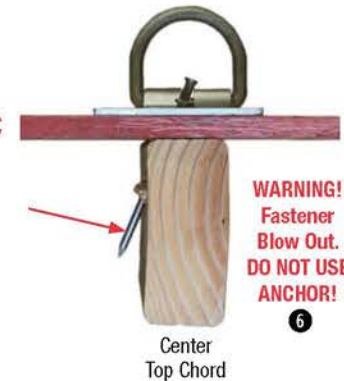


Nails/Screws min. fastener penetration 2.0"

WS 3.0 wood screw shown w/2x4 top chord.

Center Top Chord

5c



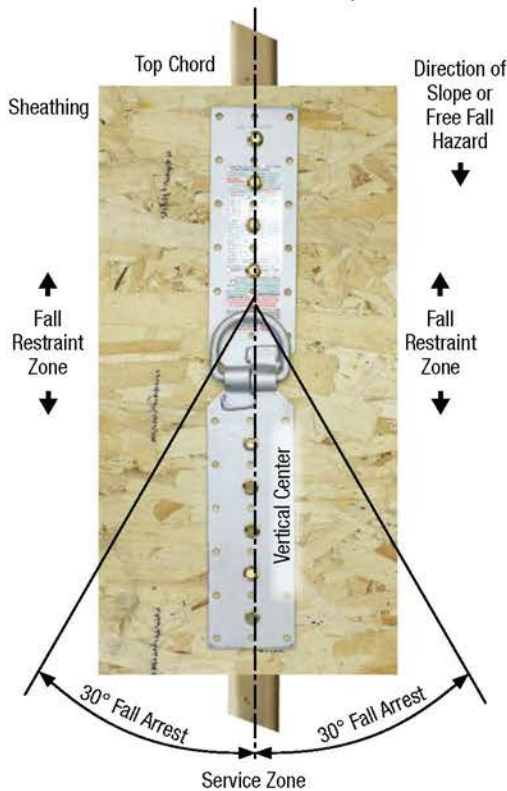
WARNING! Fastener Blow Out. DO NOT USE ANCHOR!

6

Fig. 6

Service Zones

Fall Arrest: Max. angle to right or left off vertical center 30°. **Fall Restraint:** 360° with no free fall hazard exposure.



Fastener Penetration

Fasteners must penetrate into the top chord a min of 2.0" as shown at Fig. 5b. For thicker substrates remove materials from the substrate or use longer screws. **WS screw max. length 3.5"** Use Head Lock screws if longer lengths are required.

Fastener Inspection

After installation and prior to each use, inspect the framing underside at the anchor location. If blow outs are visible remove the anchor and re-install at least 6.0" away from the original installation.

Inspect before each use. Remove from service if subjected to a free fall or if any of the following conditions are present:

ACTION REQUIRED: ☒=Remove ☑=Repair

Hinge-2 Anchor Fig. 1

- 1 Legs are cut, bent or deformed. ☒
 - 2 Hinge shackle welds are cracked. ☒
 - 3 Shackles are deformed. ☒
 - 4 D-ring is cut or deformed. ☒
 - 5 Warning labels are missing or not legible. ☑
- Request replacement labels.

Framing

- 6 Check underside of framing for fastener blow outs. Fig. 5c ☒
- ☑ Re-install fasteners per Fig. 5a-5b.

Rigging Fig. 3

- 7 Anchors are installed less than 6ft (1.8m) from gable ends. ☑
- Move anchor location.

ADVISORY! All equipment removed from service should be tagged and disposed of in a way that prevents further use.

Replacement Fastener Packs

Fastener Type	Part No.	No. Pcs.	Driver No.
16d Duplex	2012-A	36	Hammer
WS 3.0"	2084-3.0	25	3/8" Hex

Vertical Walls

Require installation with WS screws only. Do not use nails.