



Goal shall be constructed using a 5/8" diameter AISI 1018 cold drawn carbon steel ring. Tubular segments shall be spaced and welded a full 360° around the lower surface of the 5/8 ring to allow the goal net (included) to be securely attached without fasteners by means of a plastic coated aircraft cable. All back plate components shall be constructed of 3/16" thick steel. The mounting plate shall be punched with 5" x 4" hole pattern for mounting the standard 42" x 72" short rectangular backboards. The rim support brace shall be 1/4" x 1 1/2" steel and provide continuous support for 180° of the circumference of the 5/8" ring. The lower edge of the brace shall have a safety radius to eliminate all sharp edges and reduce injury. The breakaway mechanism shall be of the positive lock design, factory preset. An automatic return shall be provided by means of two return springs which shall cushion the breakaway action when the pressure release setting has been exceeded. Two hardened steel balls shall be contained in a tubular assembly with each being forced outward with equal pressure by a single spring. The balls shall nest on each side of the rim/back plate assembly in a hardened detent. Said ball/detent mechanism shall provide proper breakaway pressure. All pinch points shall be eliminated for player safety. Entire mechanism shall be covered by a steel cover plate. All components shall be coated with an official orange powder coated finish. Installation to be completed in accordance to manufacturers instructions. Do not scale drawings. Goal shall carry an unconditional 3-year replacement warranty, be manufactured in the USA and meet all NCAA and National High School Federation standards and weigh approximately 22#.



## PRODUCT SPECIFICATION

BA35STT ProTech Tube Tie Breakaway for 42" Short Backboards

REVISED 3/10/23 L.M.