

### **BA35E Elite Competition Breakaway Goal**

Goal shall be constructed using a 5/8" diameter high strength solid steel ring with continuous steel netlocks attached. All backplate components shall be constructed of 3/16" thick steel. The mounting plate shall be punched with hole patterns for mounting to 42" x 72" rectangular, 48" x 72" rectangular and 54" x 39" fan-shaped glass 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 at the NCAA, FIBA and National High School Federation prescribed pressure release setting. An automatic return shall be provided by means of two return springs which shall also 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/backplate assembly in a hardened steel detent. Said ball/detent mechanism shall provide proper breakaway pressure. *The entire mechanism shall be totally enclosed by a foam padded safety coverplate.* All pinch points shall be eliminated for player safety. *The rim shall be lubricated by means of six grease fittings that provide lubricant to all moving parts.* A grease gun and cartridge shall be provided. A white nylon anti-whip net shall be provided. Goal shall carry a 5-year limited warranty. Each goal shall be assigned a serial number. Goal shall be manufactured in the USA and meet all NCAA standards and be designated as the "Official Breakaway Goal of the National High School Federation." Weighs 25#.