

## Ski Binding Screw Pull Out Resistance Fact Sheet - Data

Shaggy's Skis **exceed** the screw retention strength standards as defined by ISO 8364:2017. Pull out test results for various ski construction styles are listed in Table 2. This testing covers skis with serial numbers greater than 190399. Serial numbers can be found stamped directly adjacent to the mounting position. Moving forward all newly produced skis will bear a marking describing the classification of a particular ski model/length as described in Table 1. Shaggy's Skis currently manufactures skis of Group 1 or Group 2 classification.

Table 1: Ski Classification Groups per ISO 8364:2017

Group	Ski Marking	Skier's mass (kg)	Two screw pull out resistance to meet ISO 8364:2017 (newtons)	Length of Ski (cm) *Shaggy's designation
1	G1	≥65	≥2600	≥168
2	G2	≤65	≥2600	<168
3	G3	≤45	≥1600	N/A
4	G4	≤25	≥1300	N/A

**Table 2: Screw Pull Test Retention Strength Data** 

TEST SKI	HOLE SET	PEAK PULL OUT FORCE (N)	EXCEEDS 2,600 N?	NOTES	Construction Style/ Models Included
1	1	3043	Yes, Pass 🔽	Outside of reinforced area	Ash/Poplar Core, MidLight Composites, 19FG Mat
1	2	3799	Yes, Pass 🔽	Inside reinforced area - off center	
1	3	4493	Yes, Pass 🔽	Inside reinforced area - off center	
1	4	4119	Yes, Pass 🔽	Inside reinforced area - centered holes	Ahmeek Line,
1	5	3919	Yes, Pass 🔽	Outside of reinforced area	Brockway Line, Medora Line, Belle Line, Tubby 120
2	1	5200	Yes, Pass 🔽	Inside of reinforced area	
2	2	4359	Yes, Pass	Inside reinforced area - off center	
2	3	4559	Yes, Pass	Inside reinforced area - off center	Ash Core, MidLight Composites, 19FG Mat
2	4	4039	Yes, Pass	Inside reinforced area - centered holes	
2	5	2847	Yes, Pass	Outside of additional reinforcement area in nanoMAG - not pulled to failure, stopped at small 1lb dip, would have gone much higher until failure. Centered holes.	Fun Carver 88, Sarge 95
3	1	3692	Yes, Pass <	Directly on edge of reinforced area (outside)	
3	2	3634	Yes, Pass 🔽	Inside reinforced area - off center	Ash/Aspen Core, MidLight Composites, 19FG
3	3	3541	Yes, Pass 🔽	Inside reinforced area - off center	
3	4	3652	Yes, Pass 🔽	Inside reinforced area - centered holes	Mohawk 98
3	5	3688	Yes, Pass <	Outside of reinforced area, into nanoMAG insert, centered holes.	Worldwik 50