



**Parmaco**  
Metal Injection Molding AG

## Ski Bindings with 100% Swiss Quality

### Field of Application:

MIM parts from Parmaco are also used in the areas of sport and leisure.

### MIM components for touring ski bindings:

The MIM process is ideally suited for weight reduction. The materials possess extremely high strength, cold toughness, and corrosion resistance and are therefore perfectly suitable for the high strains of skiing. The thin quality of the walls, which is easily achieved using the MIM process, make the touring ski binding a feather-weight and thus the favorite of all ski enthusiasts.

The total weight of the touring ski binding shown here is merely 980 grams, including all the other plastic, aluminum, and steel parts.

### Material in MIM:

For such demanding applications with high strains at low temperatures as well as due to corrosion, the alloy Parmaco 420 is perfectly suited for the job. It is then quenched and tempered to 55 HRC.

### Part Specifications:

- Material: AISI 420
- Weight: 1 = 3.51g / 2 = 7.75g / 3 = 9.92g / 4 = 4.30g
- Surface Roughness: Ra 0.4
- Size: 1 = 27 x 6 x 5,5mm / 2 = 42 x 21 x 6.1mm / 3 = 38 x 22 x 11mm / 4 = 30.5 x 18 x 7mm
- Annual quantity: 50'000 pieces each
- Post-processing: quenched and tempered and mirror finished

