Bite jumping hinges.
An overview of our Herbst bite jumping hinges.

Dentaurum’s program consists of 4 versions of the proven Herbst bite jumping hinge, whereby each version has an excellent finish. Even at high stress levels, Dentaurum guarantees that there are sufficient safety reserves to ensure therapy remains effective. Since the appliance is fixed directly on the teeth, a force is constantly exerted without having to involve the patient. Results can be seen after only a short time.
Herbst I - the classic version.
The Herbst I bite jumping hinge is the classic version that is welded onto bands or cast splints, depending on the aim of the treatment and the experience of the orthodontist.

Herbst II - the modified version.
Here, the classic bite jumping hinge has been modified so that it can be quickly and easily screwed onto the arches of multi-bracket appliances. This way, it can be coupled with the appliance already in use.

Herbst IV - the comfortable version.
The ball and socket joint offers the patient greater lateral movement, making the appliance noticeably more comfortable. The bite jumping hinge is fixed to the base with c-clips, thereby avoiding the use of screws.

Herbst TS - the compact version.
This model is fitted with an internal telescope, preventing the hinge from sliding apart (e.g. if patient opens his/her mouth wide). Its compact design makes Herbst TS the best solution for small jaws. The new laser markings on the telescopic element indicating size and side guarantee clear allocation to the jaw.
The advantages at a glance.

Fast therapy.
As a rule, it takes 6 to 8 months to achieve a neutral relation. The best time to start treatment is during the growth spurt in adolescence. The subsequent retention period with a removable appliance will then also be short.
Reliable therapy.
For patients with poor compliance, this fixed appliance offers the advantage that the therapy is effective around the clock even without patient cooperation.

Time-saving combined therapy.
Combining Herbst bite jumping hinges with multi-bracket appliances allows different treatments to be carried out parallel to one another, saving time and also money.
A program for the highest demands.

Exact therapy.
Since preparation is done on a model in the laboratory, it is possible to set the target occlusion optimally and with great precision. This is not only advantageous for the orthodontist, but also delivers results that are unrivaled in precision.

Effective therapy.
Herbst bite jumping hinges can also be used when the jaw position at the beginning of treatment is asymmetric. Treatment is therefore not only faster, but also more effective. This also increases the spectrum for which the Herbst appliances can be used.
Spacer rings (crimpable).

Spacer rings in different lengths are available for all Dentaurum Herbst bite jumping hinges. They can therefore be put into use quickly, simply and safely when needed.

Complete program.

Accessories are available for each version of the Dentaurum Herbst bite jumping hinges. Individual appliances can be prepared easily and in a timely manner using the accessories, and the right tool is always at hand.
Dentaurum Group
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and in more than 130 countries worldwide.