

MOTION THREADS

Process reliable and high tool life. BASS offers the perfect solution for the production of motion threads. State-of-the-art production and measuring technology, coupled with many years of experience in the field of motion threads, enable us to optimize the entire process – no matter if roll taps, cutting taps or thread milling cutters are used.

As one of the world's leading producers of roll taps, we rely on a chipless thread manufacturing process. Roll forming strengthens the thread surface, resulting in a significantly improved service life of the motion thread.

We have already realized more than 40 thread types.

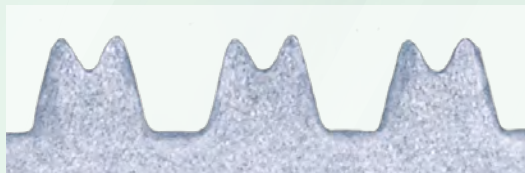
examples of motion threads



round
thread



buttress
thread



trapezoidal
thread

Thread Smoothing

Motion threads, like the recirculating ball nut shown here, require both a high surface quality and shape accuracy.

To achieve this, special roll taps are used to smooth the thread, especially after chipping processes such as thread milling or tapping.



cutting tap for round threads



roll tap for thread smoothing

