

SK11 Cutting System

The operating life of the cutting systems depends on the precision to be achieved, the kerf width, the number of punctures, water quality, water nozzle, the type of abrasive and amount used.

The SK11 series are high precision cutting systems and are optimized for this purpose. Changing the parameters and cutting system configuration affects not only the precision but also the operating life of the systems.

The water nozzle should be replaced after each assembly of the cutting systems!

SK11-500

This cutting system must be operated under the following conditions.

Water nozzle = SK500/18

Super abrasive Garnet 120 /163 gr/min

Water pressure up to 4000 bar

Standard values:

- high precision to 15 hours average gap change to 0.28 (radius)
- reduced precision to 30 hours
- low precision to 40 hours

SK11-300

This cutting system must be operated under the following conditions.

Water nozzle = SK300/12

Abrasive Barton HPX 220/ 60 gr/min

Water pressure up to 4000 bar

Standard values:

- high precision to 11 hours average gap change to 0.17 (radius)
- reduced precision to 20 hours
- low precision to 25 hours

SK11-200

This cutting system must be operated under the following conditions.

Water nozzle = SK200/08

Abrasive Barton HPX 230/16 gr/min

Water pressure up to 4000 bar

Standard values:

- high precision to 10 hours average gap change to 0.14 (radius)
- reduced precision to 15 hours
- low precision to 20 hours