

"SINCE 1998"  
THE QUALITY IS OUR  
"SINE QUA NON" PRINCIPLE.



**KSP**<sup>®</sup>  
konya spare parts  
automotive spare parts manufacturers co.

**SERVING TO ENGINE  
RECONDITIONING SPECIALISTS...**

**MACHINE TOOL DIVISION**



**WORKSHOP TOOLS**

**TOOLS**



### Valve Guide Reamers

The Reamers with Helical channel has been produced from HSS-3343 material according to internal diameter of every kind of valve guides which are used in automotive industry. Reamers are used to improve finish and for more accurate size control so it is essential to keep the chip as small as possible. Remove chips with 0.01 mm accuracy.



### Pilot Spindles

The stone mandrels are in two models as Souix and Black Decker; the Souix model is with bearing and the Black Decker model is with inner tower. Valve Seat grinding pilot models are in 50 Rockwell hardness and resistant to abrasion.



### Stones

There are stones in  $\varnothing$  28 mm. – 76 mm., 7/16, 9/16, 11/16 size. 8-10-12 (120-180-220-320 sand) Honing Stones.

- Flat stair type Valve grinding stones
- Various surfaces stones for different aims



### Valve Seal Puller

It is used through removing easily the valve seals. For fingers grip seal for fastest and easy removal. Two sizes are available.



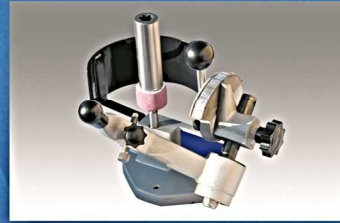
### Valve Seat Grinding Motor

Housing Grinding motor is electrical and has 11.000 rpm. It has a spring system apparatus which we developed specially to prevent vibration.



### Housing Control Apparatus (Vacuum meter)

Housing Control Apparatus operates with by connected to compressor; the air coming from compressor turns its own pressure to vacuum pressure in its body. Checking of grinded housings through vacuuming on manifold surfaces and it removes valve practicing process.



### Universal dressing stand

Universal adaptable to use with most angle grinding systems.



### Valve Seat Opening Set

Valve Seat Opening Set composed 3 or 4 Morse an done piece morse box and 31 pieces various opening housing spindles in various sizes from 4.95 mm to 130 mm. 8x8 HSS knife channel has been opened to housing opening spindle.



### Crankshaft Polishing Machine

Polishing machine composed a tension system as an electrical engine, a holding level, body and two pulleys which are placed in polishing band on the body can be used mobile or fixing on a bench. The polishing is achieved through polishing band which is rotating on machine. Includes 2 most popular belts.



### Cylinder Block Honing Head and Mobile Honing Head

The heads is original Sunnen type with 4 stands. The stands from 65 mm. diameter to 215 mm. diameter make sensitive and clean surfaced honing. The heading is manual. All spare parts are available. Mobile Honing Heads are portable; the honing can be done even on vehicle. It works on sheet iron stands with spring system. Make honing easier...