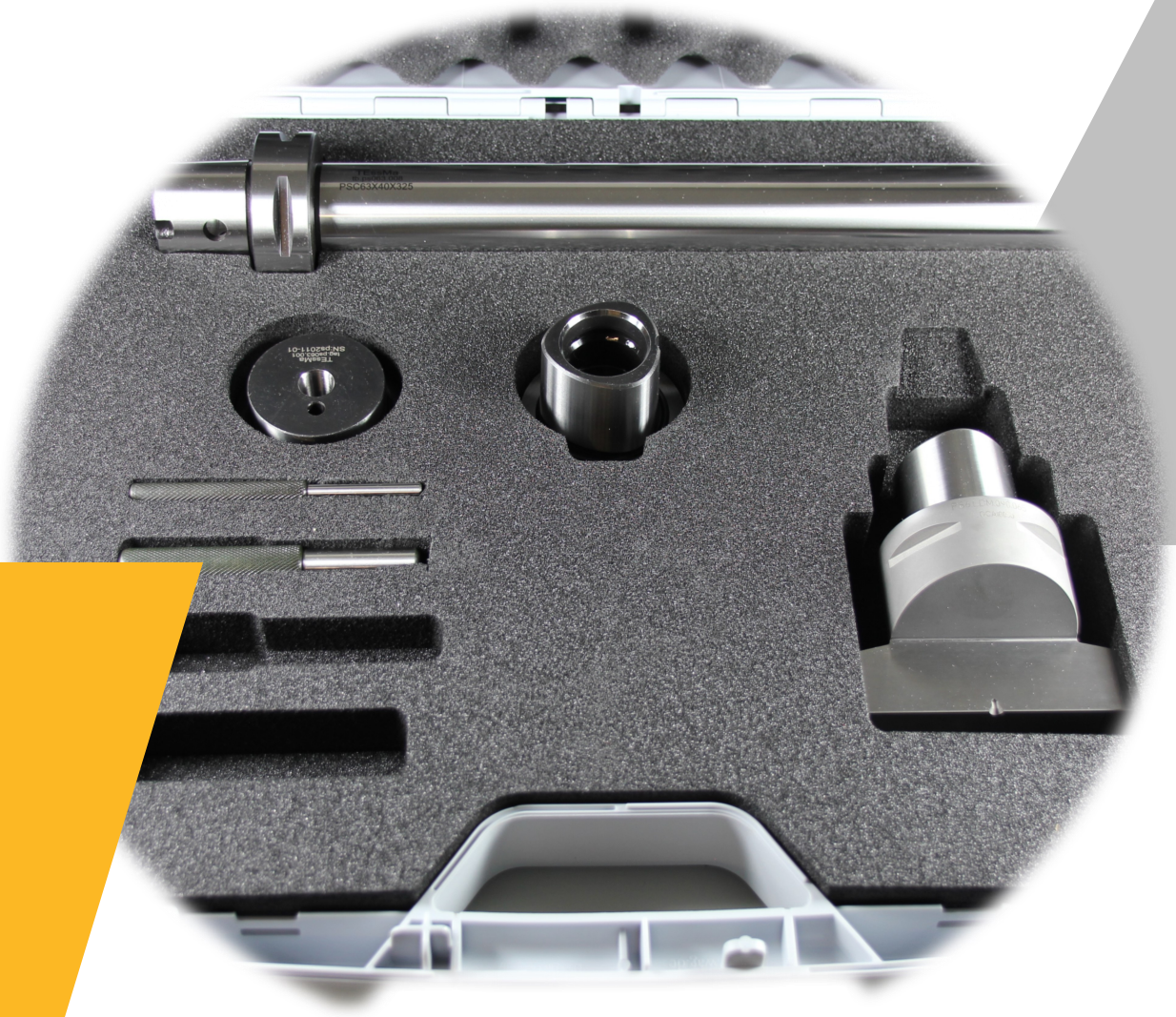
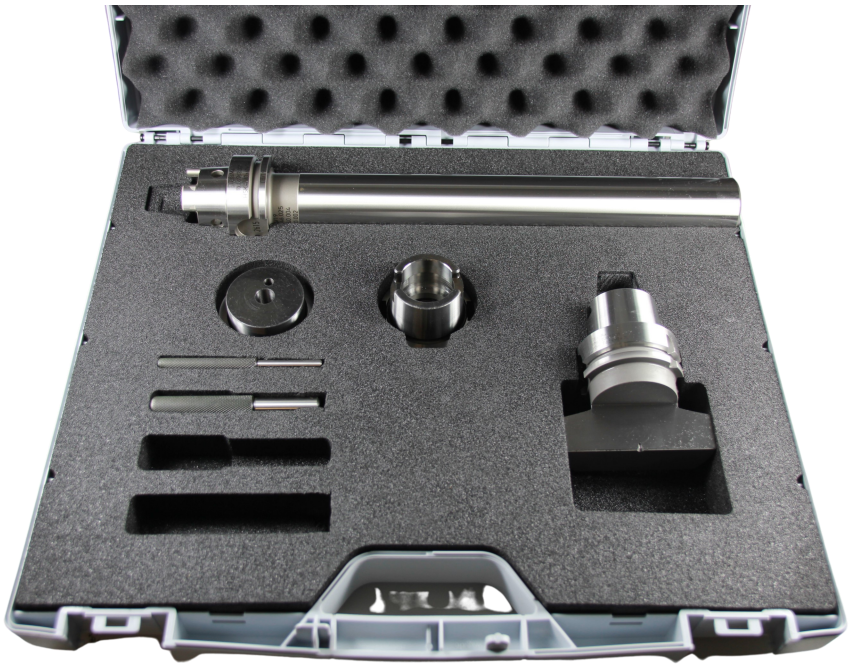
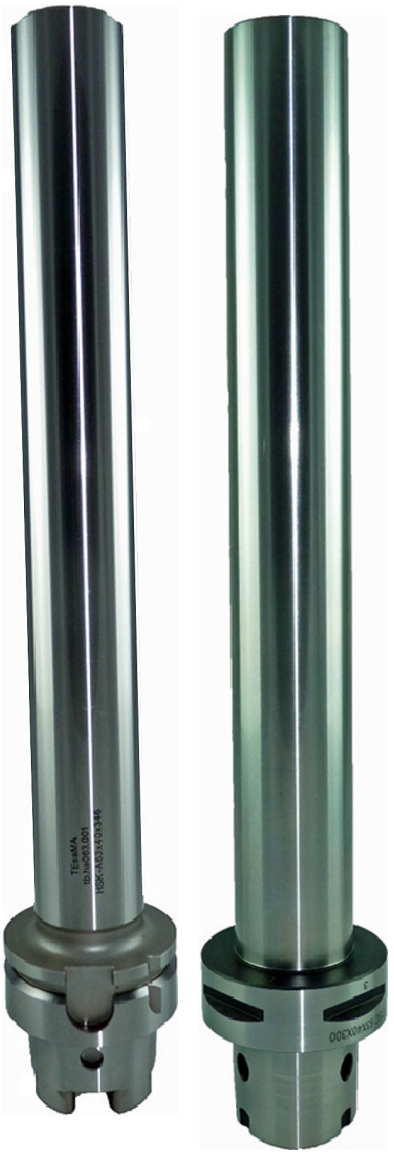
TESSMA

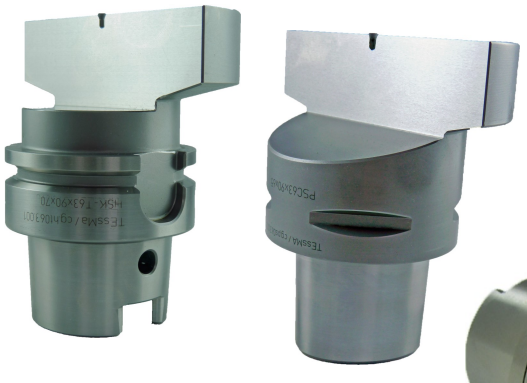


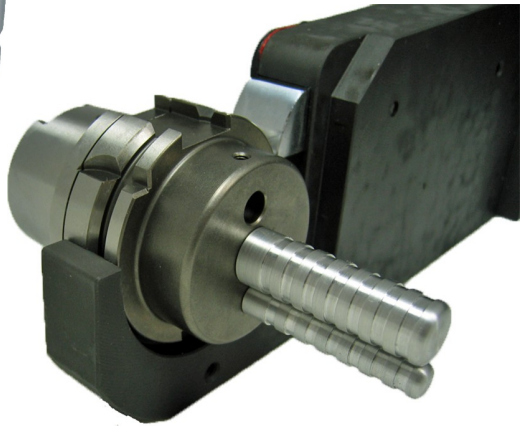
Spindel Service Case

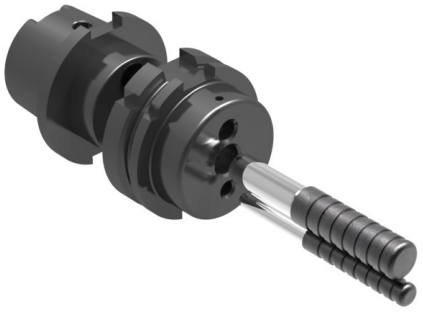
TESSMA











The **TEssMa Spindle Service Case** includes the 3 most often needed gauges to adjust machine spindles:

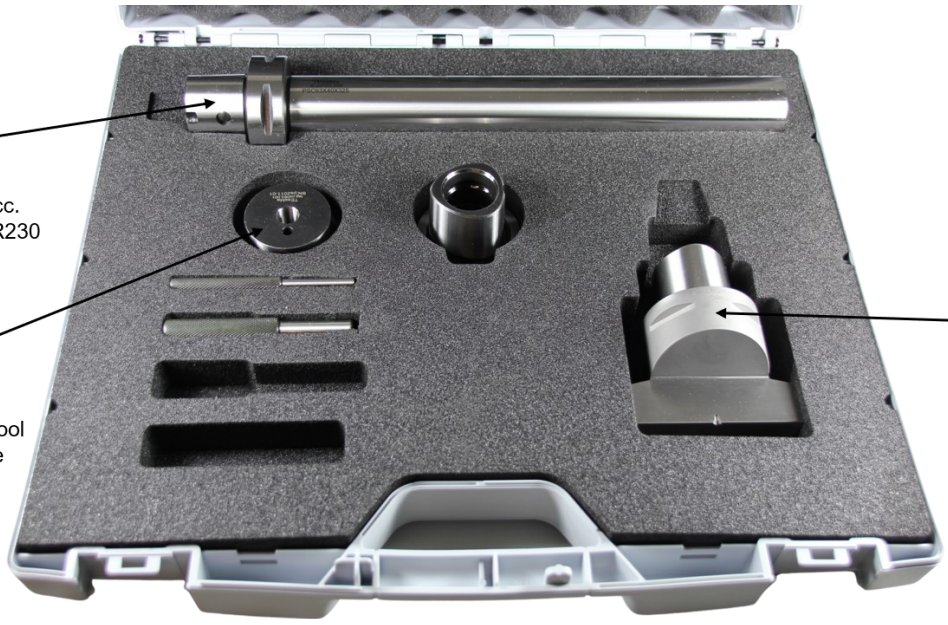
- **Runout Test Arbor**
  offer a quick and easy way to verify that a machine spindle is running true after a crash, after a machine has been moved, or periodically as a performance check.

- **Tool Changer Alignment Gauge**
  are used to check automatic tool changer positioning between the gripper arm, magazine, tool holder, and the spindle.

- **Center Height Gauge**
  allows the spindle center and spindle orientation to be checked. In addition, the gauge can also be used for tool presetter verification.

Alternatively, it can also be equipped with a **ball end arbor** for checking the center of rotation of 5-axis machines.

Offer request:



Please mark the desired gauges with a cross at the corresponding interface :

		TEssBar	Alignment Gauge	Adjustment Tool
	SK40 DIN 69871			
	MAS-BT 40 JIS B 6339			
	HSK-A 63 DIN 69893-1			
	HSK-F 63 DIN 69893-6			
	PSC 63 ISO 26623-1			

Special application, please describe:

TESSMA

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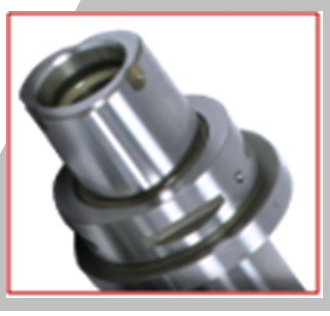
Steep Taper (SK)-interface

- Steep taper for automated tool change DIN 69871 part 1: Form A
- JIS B 6339 (former MAS-BT)
- SME B5.50 (ANSI/CAT)

PSC-interface (known as Capto)

- Applied for patent 1988 Market introduction 1990 >Capto<
- Polygonal taper interface with flange surface contact ISO 26623-1



HSK-interface

- Standard for rotating tool holders:
  ISO 12164-1 Style A and C
  DIN 69893-1 Form A and C
  DIN 69893-6 Form F
- Standard for lathe tool holders:
  ISO 12164-3 Form T “Turning”

TS-interface (known as KM)

- Applied for patent 1987
  Market introduction 1989 >KM<
- Modular taper inferface with ball tracking system ISO 26622-1

Morse Taper Interface

- Morse Taper DIN 228