DR. KAISER
präzision durch diamant

PCD CENTER POINTS WITH MORSE CONE ACCORDING TO DIN 806 AND DIN 807

NON ROTATING CENTER TIPS

NON ROTATING TIPS IN ACCORDANCE WITH DIN 806 AND DIN 807

Fixed center points without extractor are standardized in DIN 806. The tapers are designed as Morse tapers MK0 to MK6. The design variant as a solid point is suitable for machining larger workpieces. In order to avoid collision between the grinding wheel and the workpiece, the center points of design H have a recess and are referred to as „flattened" points. In addition to the Morse taper, taper shanks with a metric taper are also standardized.

Center points with a thread for a forcing nut are standardized in DIN 807. The forcing-off thread is necessary for quills that are not drilled through. The standard versions also use the Morse taper for the mounting.

CENTER TIPS IN PCD FOR HIGH STANDING TIMES

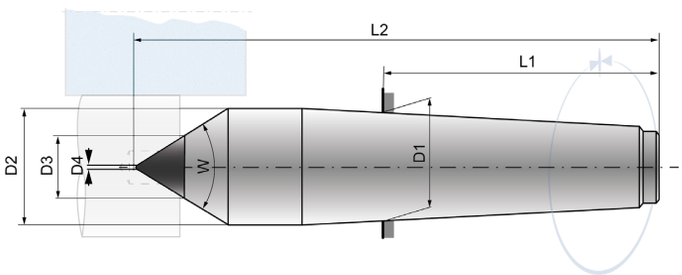
Usually, center points are supplied in hardened steel design or with a steel shaft with carbide insert. However, the high loads, inaccurate centering holes on the workpiece or burrs cause even carbide to wear quickly.

DR. KAISER therefore supplies fixed centers in a highly wear-resistant and extremely precise design: The taper surface is made of PCD and is therefore more wear-resistant than carbide by a factor of approx. factor of 50 more wear resistant.

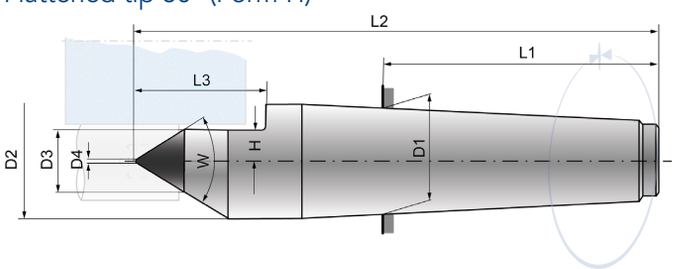
Do you need a special tip design for your machining task? No problem: DR. KAISER will certainly offer you a tip solution. Ask our technical field service or our experts directly in the factory.

CENTER TIPS ACCORDING TO DIN 806

Full tip 60°

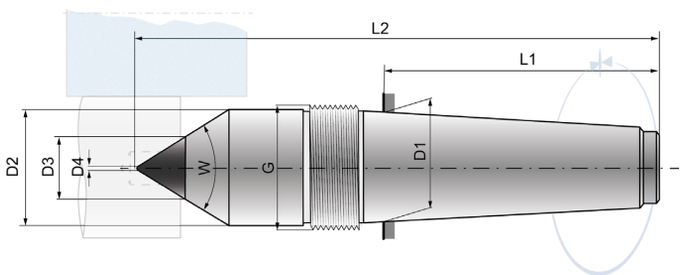


Flattened tip 60° (Form H)

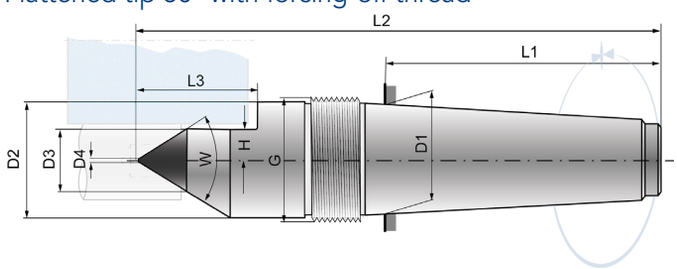


CENTER TIPS ACCORDING TO DIN 807

Full tip 60° with forcing-off thread



Flattened tip 60° with forcing-off thread



Here you can enter the dimensions for your PCD tip:

MK	W in °	L1 in mm	L2 in mm	L3 in mm	D1 in mm	D2 in mm	D3 in mm	D4 in mm	H in mm	G in mm

D4: According to DIN or specify if truncated cone version required
W: Workpiece mounting surface usually 60°
G: Forcing-off thread

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