





HT 800 WP Interchangeable Inserts

HT 800 WP interchangeable inserts are in respect of tool material, geometry and surface finish perfectly adapted to your specific range of application. Subsequently, you will always achieve optimal machining results with maximum performance and highest economic efficiency.

The insert change with HT 800 WP can be performed in the machine problem-free, the interchangeable insert always sits perfectly clamped and positioned in the holder.

Technical features and application recommendations




		Guhring no.	4112	4113	4114	4111
Tool material			solid carbide	solid carbide	solid carbide	solid carbide
Surface			nanoFIRE	FIRE	bright	nanoA
Point geometry			2-facet	2-facet	relieved cone	relieved cone
Point angle			140°	140°	140°	150°
Tolerance			h7	m7	h7	m7
Diameter			11.0 - 25.5	11.0 - 25.5	11.0 - 25.5	11.0 - 25.5
Application			steel	cast iron	aluminium	pilot drilling
						
Application group	Material examples					
P	steel, cast steel, stainless steel (ferritic and martensitic)		●	○		○
M	stainless steel and cast steel (austenitic and austenitic/ferritic)		○			○
K	grey cast iron, spheroidal graphite und malleable cast iron		○	●		○
N	aluminium and other non-ferrous metals				●	○
S	Special, Super- and Ti-alloys					
H	Hardened steels and chilled cast iron					

- optimal suitability
- limited suitability

Complete compatibility

The new interchangeable inserts as well as the new holders of the HT 800 WP system are fully compatible with the conventional HT 800 WP interchangeable inserts and holders. You can, therefore, apply the new interchangeable inserts in the already existing HT 800 WP holders or combine new holders with existing interchangeable inserts. Drilling tests with both combination possibilities have shown that the efficiency of each package lies above the values of the old HT 800 WP system. You will definitely benefit!

The pilot insert 4111 can be combined with any holder, if the application requires a 150° point angle.

		Guhring no.	7645	7632	7635
Tool material			solid carbide	solid carbide	solid carbide
Surface			TiN	TiAlN	bright
Type			CPGT ... R	CPGW ... R	CPGT ... R
Application			steel	cast iron	aluminium
					
Application group	Material examples				
P	steel, cast steel, stainless steel (ferritic and martensitic)		●	○	
M	stainless steel and cast steel (austenitic and austenitic/ferritic)		○		
K	grey cast iron, spheroidal graphite und malleable cast iron		○	●	
N	aluminium and other non-ferrous metals				●
S	Special, Super- and Ti-alloys				
H	Hardened steels and chilled cast iron				

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