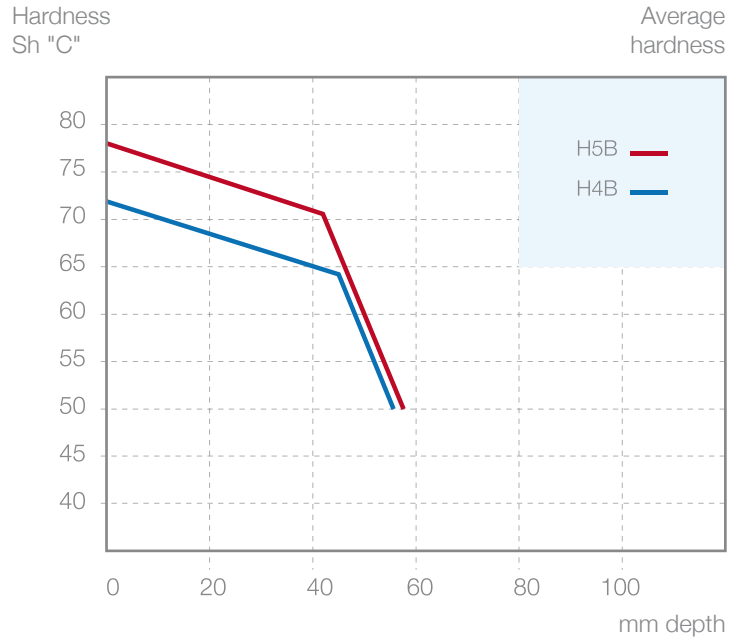


H4B - H5B

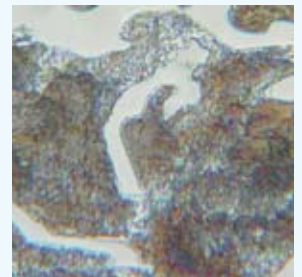
Compound clear chilled cast iron

Bi-metallic compound clear chilled cast iron is characterised by a pearlitic or acicular matrix shell without graphite and large amounts of carbides. Varying the alloy proportions, changes the mechanical properties, the hardness range and the wear resistance level. Bi-metallic grades are achieved through substitution. These rolls have a wear resistant shell and a low alloy pearlitic matrix core, guaranteeing excellent mechanical properties.



COMPOUND CLEAR CHILLED CAST IRON

H4B
H5B



500x Nitital 1%

CAST IRON TYPES	% PHYSICAL COMPOSITION						MECHANICAL PROPERTIES		
	C	Si	Mn	Cr	Ni	Mo	Hardness (Sh"°C")	RT (N/mm ²)	RF (N/mm ²)
H4B	3.20	0.40	0.40	0.70	2.30	0.10	68-76	~ 200	~ 400
	3.80	1.00	1.00	1.30	3.10	0.60			
H5B	3.20	0.40	0.40	0.90	2.90	0.20	74-82	~ 180	~ 350
	3.80	1.00	1.00	1.40	3.80	0.70			