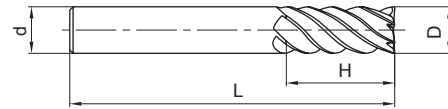
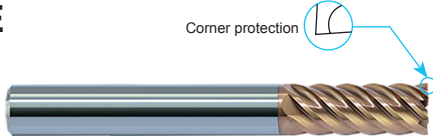


HMX series for machining high hardness steel

6-flute flattened end mills with straight shank



HMX-6E



- High tool rigidity reduce tool deflection in side milling.
- Very suitable for high speed cutting and dry cutting.



Type	Basic dimension(mm)				Number of teeth Z	Stock
	D	d	H	L		
HMX-6E-D6.0	6.0	6	18	60	6	●
HMX-6E-D8.0	8.0	8	20	60	6	●
HMX-6E-D10.0	10.0	10	30	75	6	●
HMX-6E-D12.0	12.0	12	32	75	6	●
HMX-6E-D16.0	16.0	16	40	100	6	●
HMX-6E-D20.0	20.0	20	45	100	6	●

● Stock available ○ Make-to-order

Indexable milling tools
Solid carbide end mills
HMX series

➤ Applicable workpiece material table ○Very suitable ○Suitable

Workpiece material											
Carbon steel	Alloy steel	Pre-hardened steel, Hardened steel				Stainless steel	Cast iron, Nodular cast iron	Copper alloy	Aluminum alloy	Titanium alloy	Heat resistant alloy
		~40HRC	~50HRC	~55HRC	~68HRC						
			○	○	○		○				

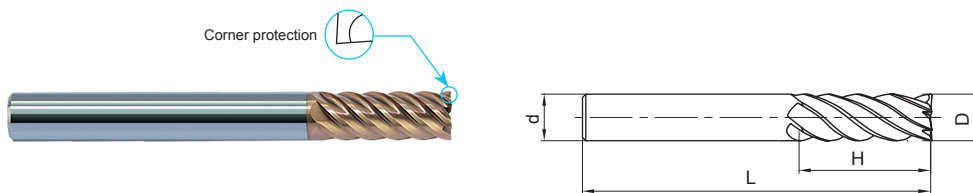


HMx series for machining high hardness steel

6-flute flattened end mills with straight shank and long cutting edge



HMx-6EL



● HM-6E series with long cutting edge.



Type	Basic dimension(mm)				Number of teeth Z	Stock
	D	d	H	L		
HMx-6EL-D6.0	6.0	6	24	75	6	●
HMx-6EL-D8.0	8.0	8	32	75	6	●
HMx-6EL-D10.0	10.0	10	40	100	6	●
HMx-6EL-D12.0	12.0	12	45	100	6	●
HMx-6EL-D16.0	16.0	16	64	150	6	●
HMx-6EL-D20.0	20.0	20	75	150	6	●

● Stock available ○ Make-to-order

Indexable milling tools

Solid carbide end mills

HMx series

➤ Applicable workpiece material table ○ Very suitable ○ Suitable

Workpiece material											
Carbon steel	Alloy steel	Pre-hardened steel, Hardened steel				Stainless steel	Cast iron, Nodular cast iron	Copper alloy	Aluminum alloy	Titanium alloy	Heat resistant alloy
		~40HRC	~50HRC	~55HRC	~68HRC						
			○	○	○		○				

Code key **B258** Graphics category and identification **B259** Cutting parameters **B529** Non-standard customization **B570-B571**