

L XD U - D6

Major category: L, Series: XD U, Category: D6

Order guide: 1 Blade diameter

Please refer to the series code to select the type and parameters for ordering.

L XD R - R1.5

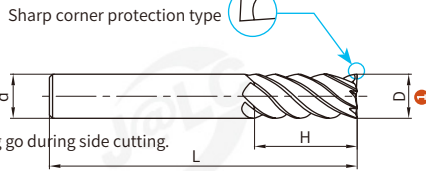
Major category: L, Series: XD R, Category: R1.5

Order guide: 2 Round corner radius

Please refer to the series code to select the type and parameters for ordering.

Flat head end mills

Code	Shape	Blade shape	Blades	Surface coating	Performance
LXDU	Flat head	Sharp corner protection	6-flute	TiAlN	High hardness



- The tool is rigid and minimizes the amount of letting go during side cutting.
- Optimal for high speed cutting, dry cutting.

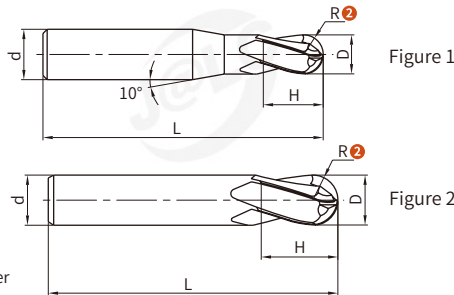
Code	Basic size (mm)					Number of teeth Z
	D 1	d	H	L		
LXDU	6.0	6	18	60		6
	8.0	8	20	60		6
	10.0	10	30	75		6
	12.0	12	32	75		6
	16.0	16	40	100		6
	20.0	20	45	100		6

Applicable table for processed materials ▲ Very suitable ■ Suitable

Processed materials											
Carbon steel	Alloy steel	Pre-hardened steel, hardened steel				Stainless steel	Ductile cast iron	Copper alloy	Aluminum alloy	Titanium alloy	Heat-resistant alloy
		~40HRC	~50HRC	~55HRC	~68HRC						
			■	▲	▲		■				

Ball head end mills

Code	Shape	Blades	Surface coating	Performance
LXDV	Ball head	4-flute	TiAlN	High hardness



- Four-flute ball end milling cutters allow for higher feed rates and higher cutting efficiencies.

Code	Basic size (mm)					Number of teeth Z	Form
	R 2	D	d	H	L		
LXDV	1.5	3.0	6	6	50	4	Figure 1
	2.0	4.0	6	8	50	4	Figure 1
	2.5	5.0	6	10	50	4	Figure 1
	3.0	6.0	6	12	50	4	Figure 2
	4.0	8.0	8	16	60	4	Figure 2
	5.0	10.0	10	20	75	4	Figure 2
	6.0	12.0	12	24	75	4	Figure 2
	7.0	14.0	14	28	75	4	Figure 2
	8.0	16.0	16	32	100	4	Figure 2
	9.0	18.0	18	36	100	4	Figure 2
	10.0	20.0	20	40	100	4	Figure 2

Applicable table for processed materials ▲ Very suitable ■ Suitable

Processed materials											
Carbon steel	Alloy steel	Pre-hardened steel, hardened steel				Stainless steel	Ductile cast iron	Copper alloy	Aluminum alloy	Titanium alloy	Heat-resistant alloy
		~40HRC	~50HRC	~55HRC	~68HRC						
			■	▲	▲		■				