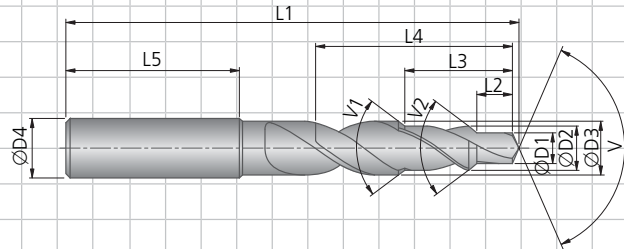


Fax to Tri-State at 1-513-347-3728

Special tool quote request: Step drill

Company:	Contact:
Customer #:	Department:
Address:	Phone:
	Fax:
	E-Mail:

Workpiece sketch:



Tool: Step drill		Dimension	Tolerance
Ø D1			
Ø D2			
Ø D3			
Shank- D4			
L1			
L2			
L3			
L4			
Shank length L5			
Point angle V			
Chamfer angle V1			
Chamfer angle V2			
Number of cutting edges z	<input type="checkbox"/> 2	<input type="checkbox"/> 3	
Tools required _____ pieces	Straight toothed <input type="checkbox"/>		
Workpiece _____ pieces / year	R.H. spiraled, spiral angle λ <input type="checkbox"/> $\lambda =$		
	L.H. spiraled, spiral angle λ <input type="checkbox"/> $\lambda =$		
Work material to be machined:	Cutting direction <input type="checkbox"/> Right <input type="checkbox"/> Left		
<input type="checkbox"/> Structural steel, good machining qualities	Coating <input type="checkbox"/> Yes <input type="checkbox"/> No		
<input type="checkbox"/> Tool steel	Internal coolant supply <input type="checkbox"/> Yes <input type="checkbox"/> No		
<input type="checkbox"/> Stainless steels	Material description	Straight shank <input type="checkbox"/> HA <input type="checkbox"/> HE <input type="checkbox"/> HB	
<input type="checkbox"/> Hardened steel		DIN 6535 <input type="checkbox"/> Other:	
<input type="checkbox"/> Malleable iron	Strength Rm (N/mm²)	Machine info	
<input type="checkbox"/> Spheroidal cast iron		Machine type	
<input type="checkbox"/> Non-ferrous metals (brittle)	Hardness (HRc, HB, HV, ...)	Spindle type / size	
<input type="checkbox"/> Non-ferrous metals (ductile)		Spindle output (kW)	
<input type="checkbox"/> Other		Cutting speed v_c (m/min)	