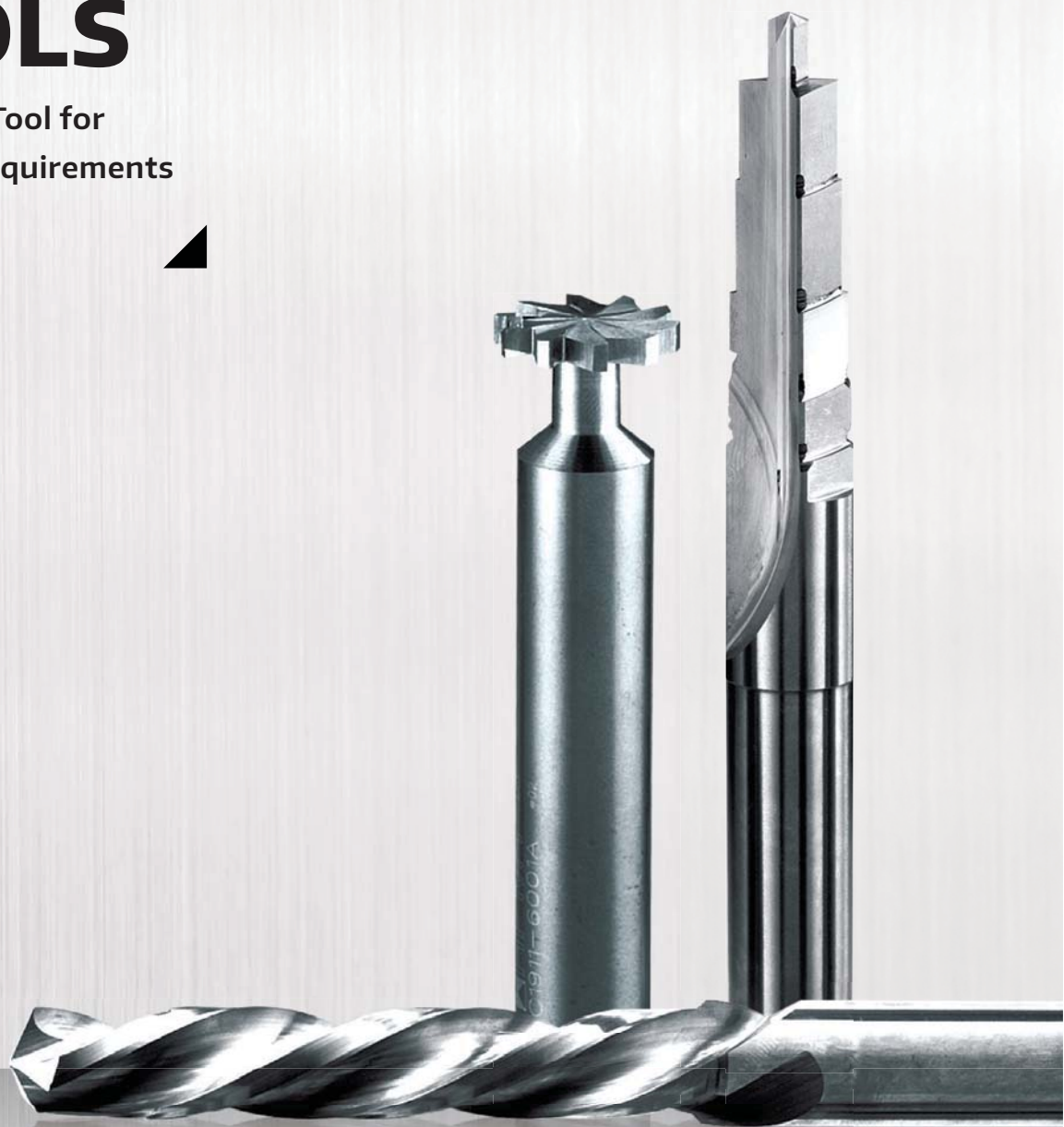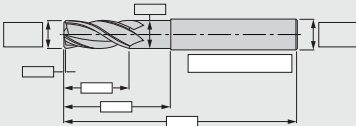# SPECIAL TOOLS

Customized Tool for Individual Requirements
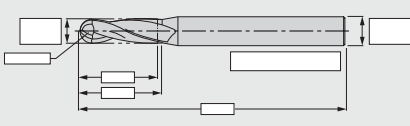
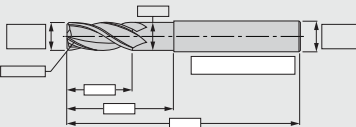**ENDMILL**

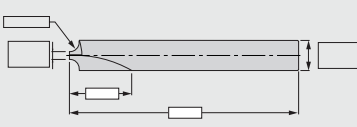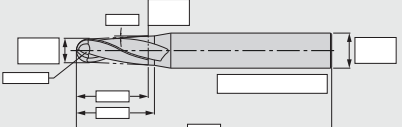**STEP ENDMILL**

BALLNOSE

ENDMILL WITH CORNER RADIUS

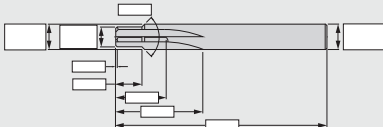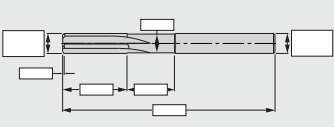**CORNER RADIUS CUTTER**
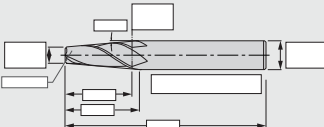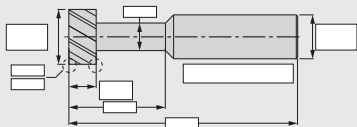
TAPER BALLNOSE

TAPER ENDMILL
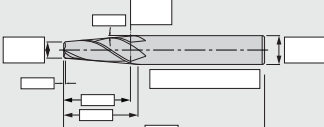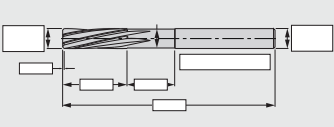
STEP REAMER

STRAIGHT FLUTE REAMER

TAPER ENDMILL WITH CORNER RADIUS

T-SLOT ENDMILL

SPIRAL REAMER

TWIST DRILL
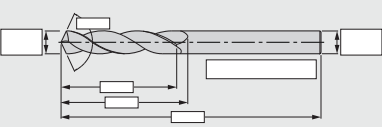
STEP TWIST DRILL
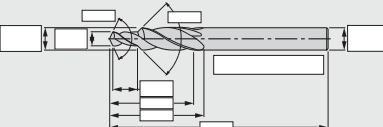
BURNISHING DRILL
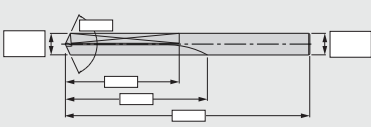
NC SPOT DRILL
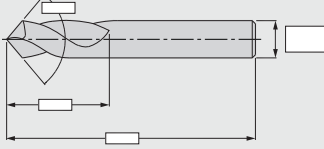
CENTER DRILL
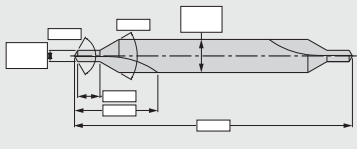
STEP BURNISHING DRILL
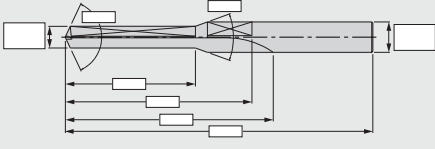
ENDMILLS
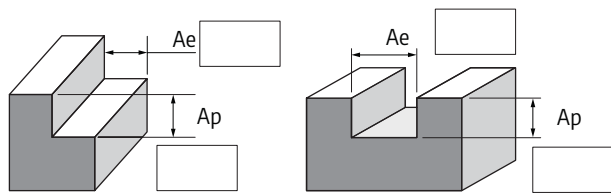
NUMBER OF FLUTE
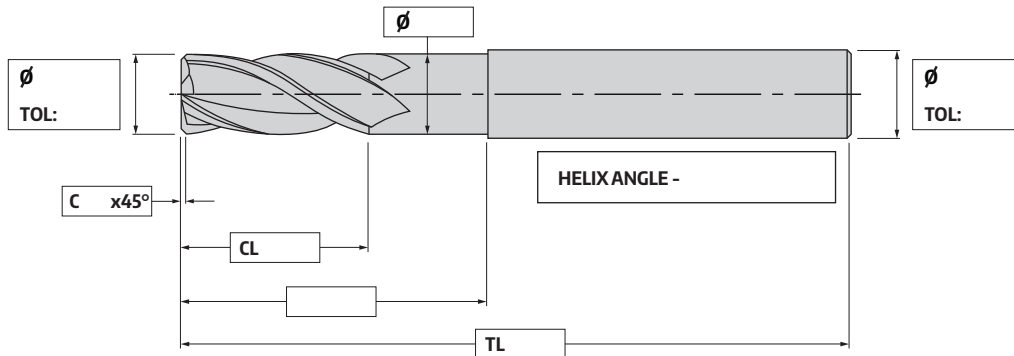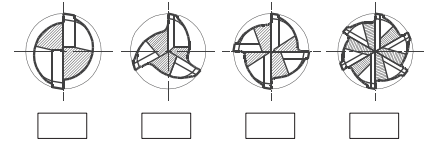
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HELIX ANGLE –

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Customer's Name			Material	VHM	
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

ENDMILLS WITH CORNER RADIUS
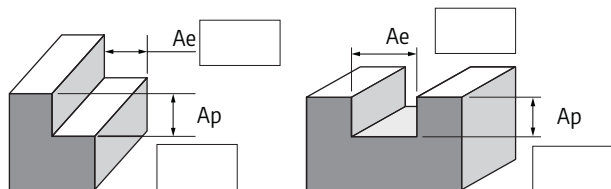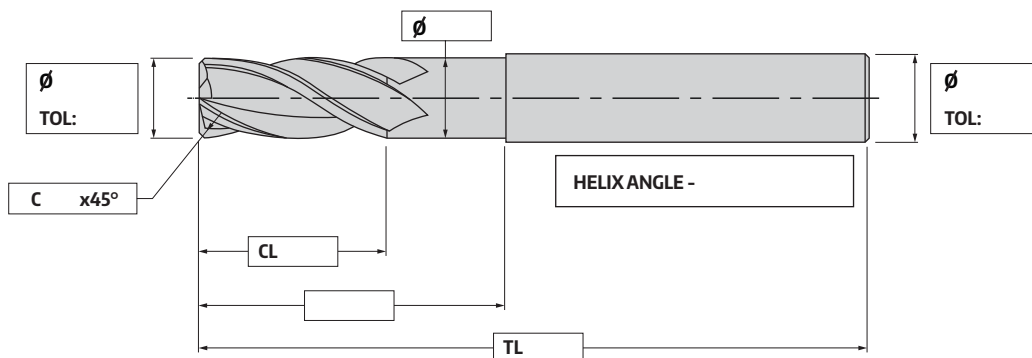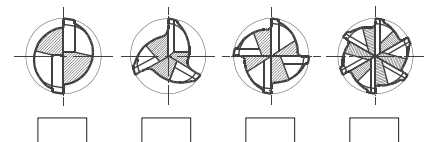
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HELIX ANGLE –

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Customer's Name			Material	VHM	
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

STEP ENDMILL
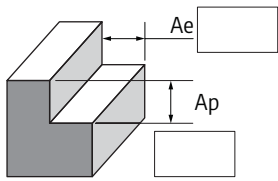
NUMBER OF FLUTE
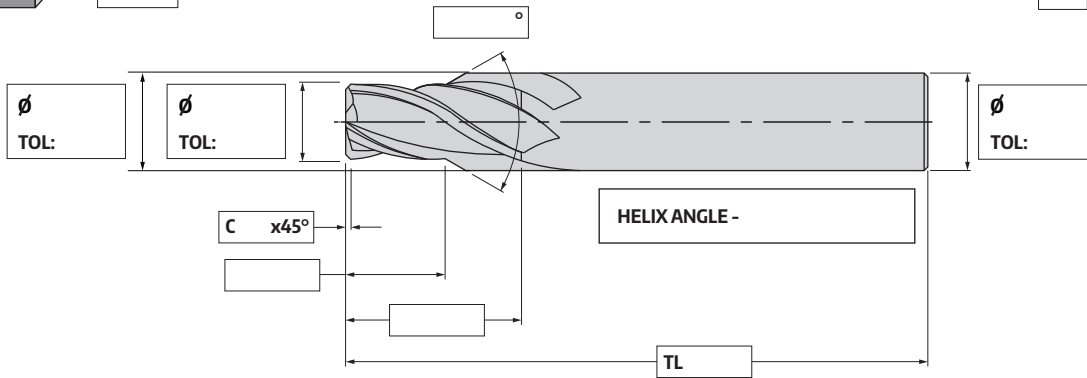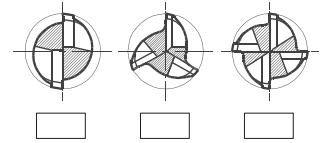
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HELIX ANGLE –

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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

CORNER RADIUS CUTTER
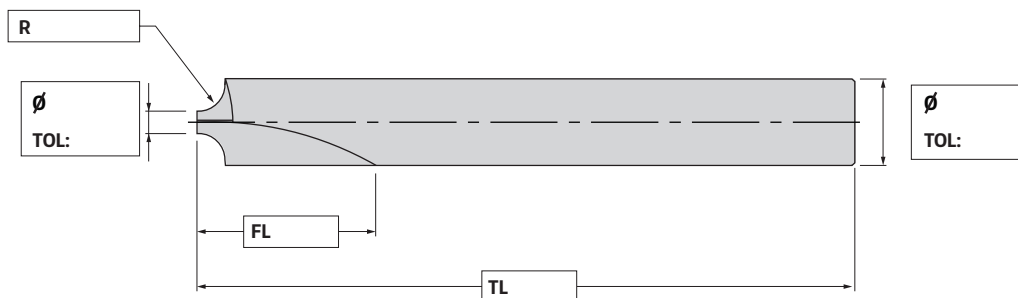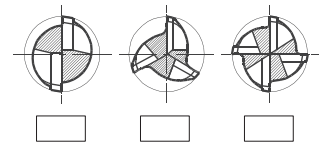
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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

BALLNOSE
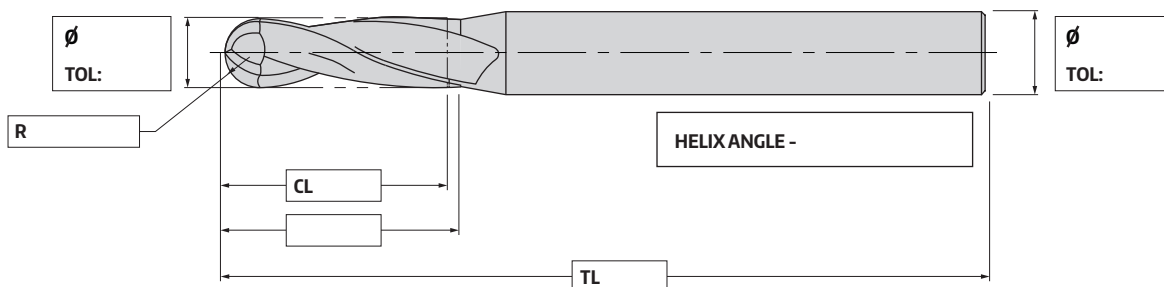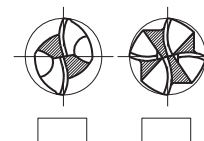
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HELIX ANGLE –

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Customer's Name			Material		VHM
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

TAPER BALLNOSE

HPMT

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HELIX ANGLE –

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TL

Customer's Name			Material		VHM
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

TAPER ENDMILL

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HELIX ANGLE –

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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

TAPER ENDMILL WITH CORNER RADIUS

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HELIX ANGLE –

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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

STEP REAMER

HPMT

TYPE OF FLUTE
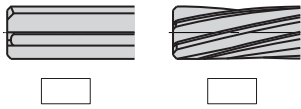
HELIX ANGLE –

NUMBER OF FLUTE

LEFT HAND SPIRAL
RIGHT HAND SPIRAL
LEFT HAND CUTTING
RIGHT HAND CUTTING

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Customer's Name			Material	VHM	
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

T–SLOT CUTTER
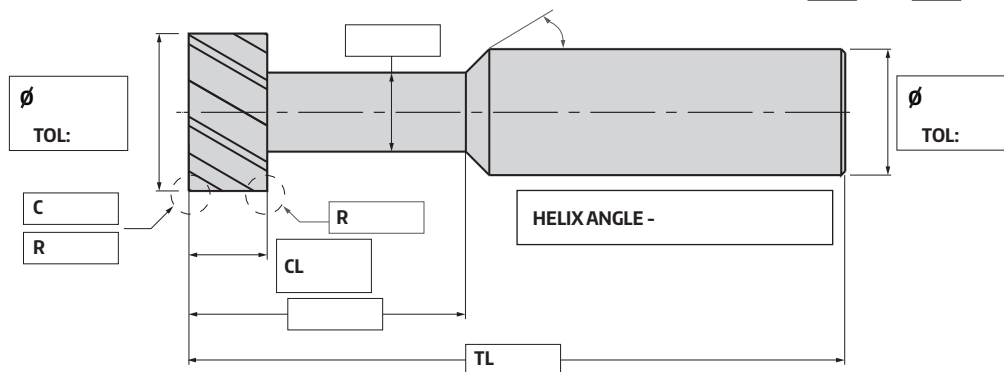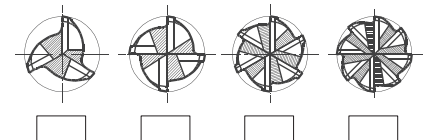
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HELIX ANGLE –

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Customer's Name			Material	VHM	
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

STRAIGHT FLUTE REAMER
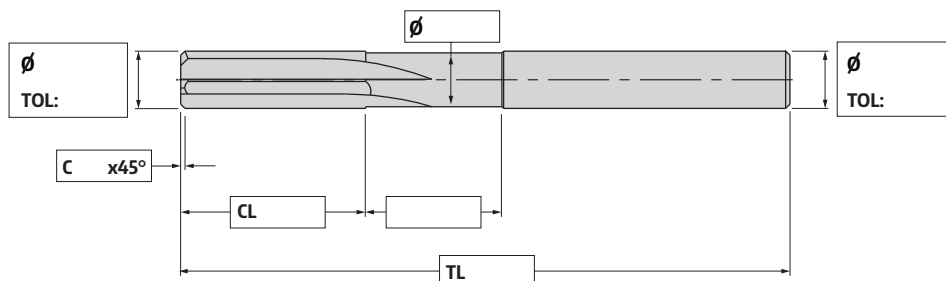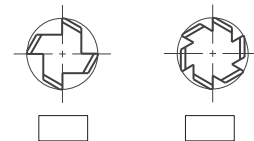
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Customer's Name			Material	VHM	
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

SPIRAL REAMER

HPMT
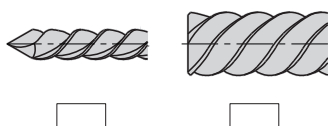
HIGH SPIRAL

NUMBER OF FLUTE
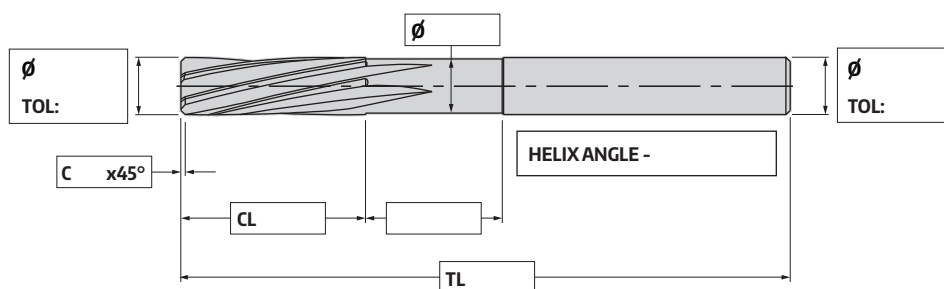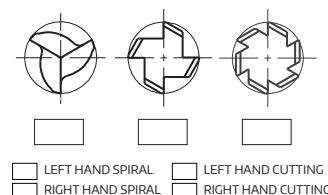
LEFT HAND SPIRAL	LEFT HAND CUTTING
RIGHT HAND SPIRAL	RIGHT HAND CUTTING

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HELIX ANGLE –

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Customer's Name			Material	VHM	
Person (Mr/Ms)			Material to be Cut		
Enquiry Number			Coating		
Cutting Conditions	Vc:	Vf:	Coolant	Dry	Wet
Date:	Quantity:		Remark		

TWIST DRILL

NUMBER OF FLUTE
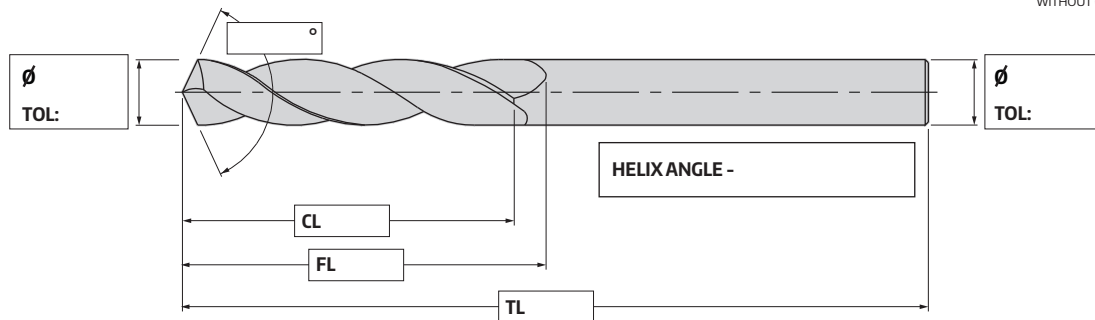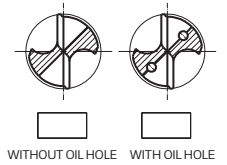
WITHOUT OIL HOLE   WITH OIL HOLE

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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

NC SPOT DRILL
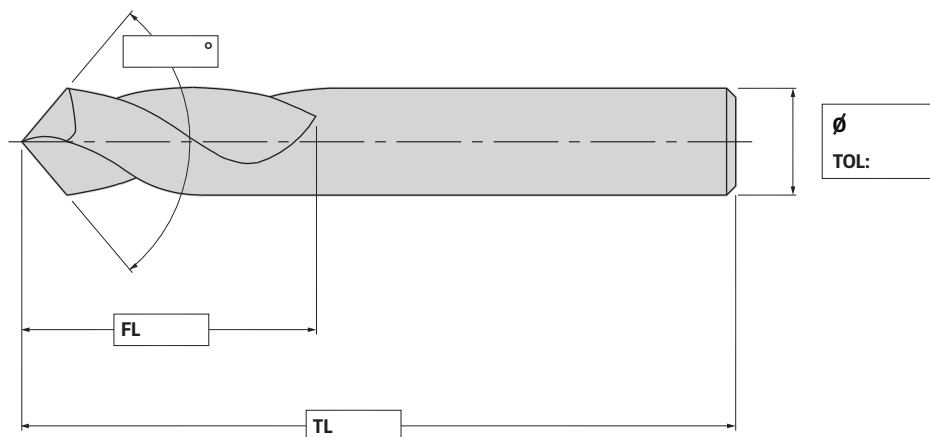
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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

STEP TWIST DRILL
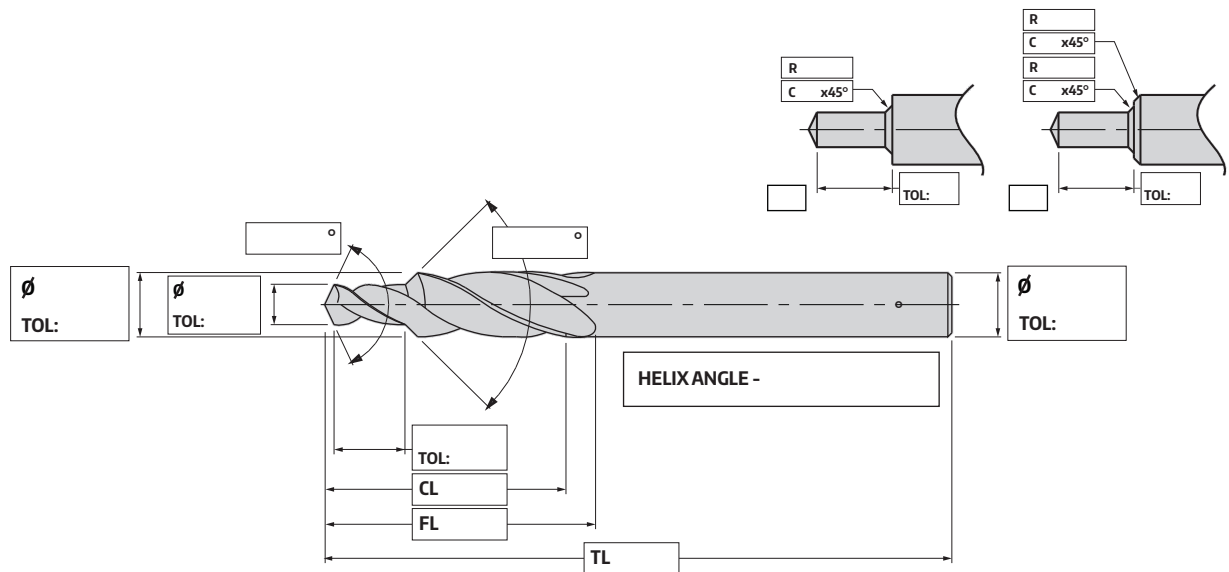
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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

CENTER DRILL
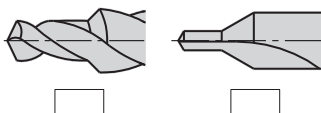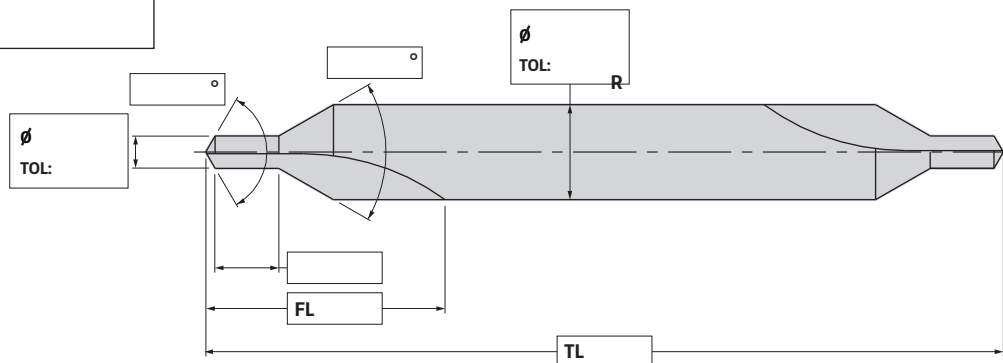
HPMT

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Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

BURNISHING DRILL
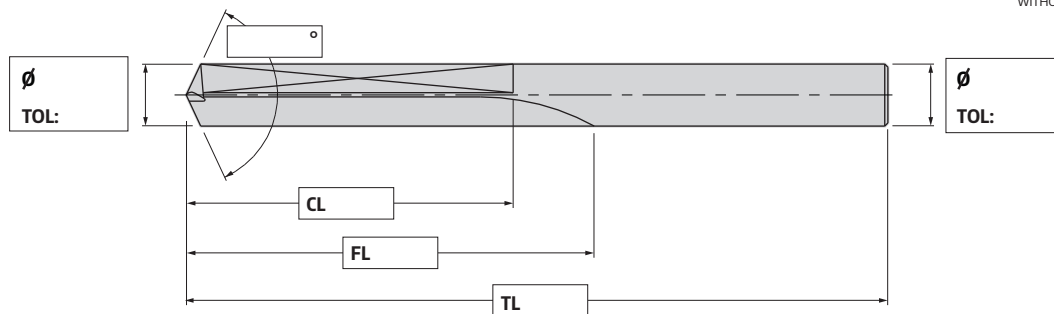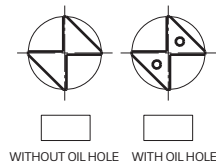
HPMT

WITHOUT OIL HOLE   WITH OIL HOLE

Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			

STEP BURNISHING DRILL

HPMT

WITHOUT OIL HOLE   WITH OIL HOLE

Customer's Name			Material		VHM	
Person (Mr/Ms)			Material to be Cut			
Enquiry Number			Coating			
Cutting Conditions	Vc:	Vf:	Coolant	Dry		Wet
Date:	Quantity:		Remark			