

FAST•BREAK® RADIUS END MILL SERIES 15R1V

Diameters
.750" and 1.000"

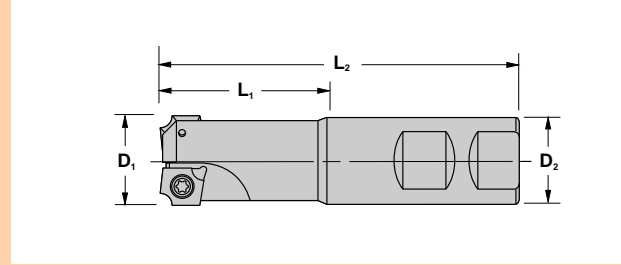
Insert Corner
.031", .062", .094" and .125"R (convex)



Corner Rounding



Coolant

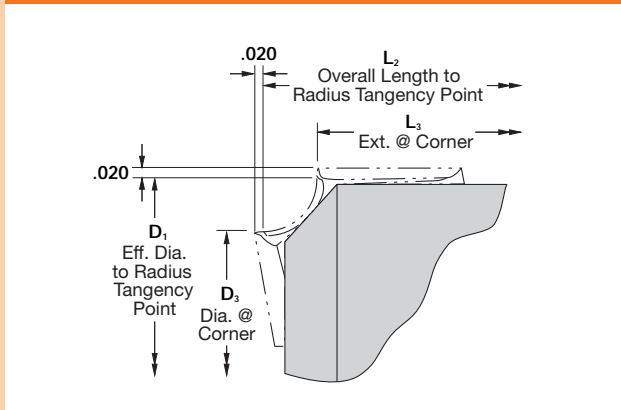


D ₁ Nominal Diameter	Cutter Number	L ₁ Extension Length	L ₂ Overall Length	D ₂ Shank Style/Size	Number of Inserts	Accepts Insert Radius
.750	15R1V-0702084R01	2.00	4.25	.750 Weldon	1	.031-.125
1.000	15R1V-1002080R01	2.00	4.25	1.000 Weldon	2	.031-.125

Fast•Break PAKS



Programming Dimensions



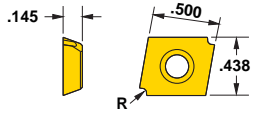
1 Cutter, 8 Inserts and 1 Driver in a Pak.

ORDER THIS Pak Number	D ₁ Nom. Dia.	End Mill Cutter Number	End Mill Insert Numbers (QTY)	L ₁ Ext. Length	L ₂ Overall Length	D ₂ Shank Style	No. of Inserts
15R1V-0702084K01	.750	15R1V-0702084R01	(2) BEEW120308R-CR (.031R)	2.000	4.25	.750 Weldon	1
			(2) BEEW120316R-CR (.062R)				
			(2) BEEW120325R-CR (.094R)				
			(2) BEEW120332R-CR (.125R)				
15R1V-1002080K01	1.000	15R1V-1002080R01	(2) BEEW120308R-CR (.031R)	2.000	4.25	1.00 Weldon	2
			(2) BEEW120316R-CR (.062R)				
			(2) BEEW120325R-CR (.094R)				
			(2) BEEW120332R-CR (.125R)				

INSERTS

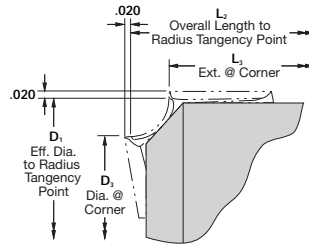


BEEW1203__R-CR



Insert Number	Convex Corner	Grade	
		IN	2030
BEEW120308R-CR	.031R	■	
BEEW120316R-CR	.062R	■	
BEEW120325R-CR	.094R	■	
BEEW120332R-CR	.125R	■	
NEW! BEEW120310R-CR	1.0mm	■	
NEW! BEEW120320R-CR	2.0mm	■	
NEW! BEEW120330R-CR	3.0mm	■	

PROGRAMMING DIMENSIONS



D ₁ Nominal Diameter	Cutter Body	Insert Corner	Inserts	D ₃ Program Diameter	L ₃ Program Length
.750	15R1V-0702084R01	.031R	BEEW120308R-CR	0.684	1.985
		.062R	BEEW120316R-CR	0.623	1.949
		.094R	BEEW120325R-CR	0.552	1.909
		.125R	BEEW120332R-CR	0.495	1.876
		1.0mm	BEEW120310R-CR	0.670	1.976
		2.0mm	BEEW120320R-CR	0.589	1.930
		3.0mm	BEEW120330R-CR	0.512	1.885
1.000	15R1V-1002080R01	.031R	BEEW120308R-CR	0.934	1.984
		.062R	BEEW120316R-CR	0.873	1.949
		.094R	BEEW120325R-CR	0.802	1.909
		.125R	BEEW120332R-CR	0.745	1.875
		1.0mm	BEEW120310R-CR	0.920	1.976
		2.0mm	BEEW120320R-CR	0.839	1.930
		3.0mm	BEEW120330R-CR	0.762	1.885

HARDWARE

Insert Screw		Driver	
Part No.	Torque	Part No.	
SE06-028-00	25-30 in. lbs.	DS-T15T (Tx-15)	

For technical information, see page M478.

FAST•BREAK® RADIUS END MILL SERIES 15R4H

Diameters
1.000"

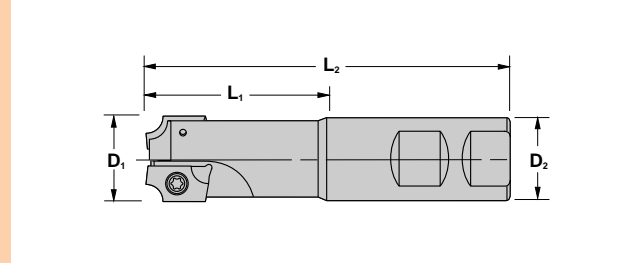
Insert Corner
.187" and .250"R (convex)



Corner Rounding



Coolant

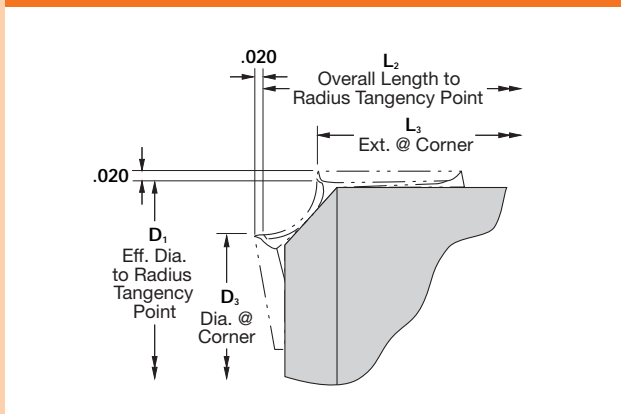


D ₁ Nominal Diameter	Cutter Number	L ₁ Extension Length	L ₂ Overall Length	D ₂ Shank Style/Size	Number of Inserts	Accepts Insert Radius
1.000	15R4H-1002080R01	2.00	4.25	1.000 Weldon	2	.187-.250

Fast•Break PAKS



Programming Dimensions

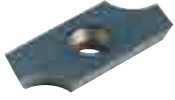


1 Cutter, 4 Inserts and 1 Driver in a Pak.

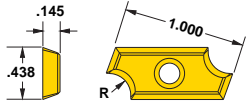
ORDER THIS Pak Number	D ₁ Nom. Dia.	End Mill Cutter Number	End Mill Insert Numbers (QTY)	L ₁ Ext. Length	L ₂ Overall Length	D ₂ Shank Style	No. of Inserts
15R4H-1002080K01	1.000	15R4H-1002080R01	(2) FEEW250348R-CR (.062R) (2) FEEW250364R-CR (.094R)	2.000	4.25	1.000 Weldon	2

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INSERTS

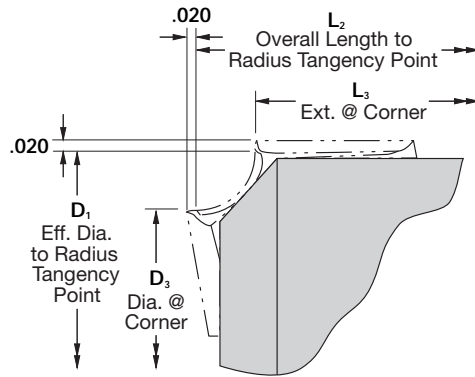


FEEW2503__R-CR



Insert Number	Convex Corner	Grade	
		IN	2030
FEEW250348R-CR	.187R	■	
FEEW250364R-CR	.250R	■	
NEW! FEEW250340R-CR	4.0mm	■	
NEW! FEEW250350R-CR	5.0mm	■	
NEW! FEEW250360R-CR	6.0mm	■	

PROGRAMMING DIMENSIONS



D ₁ Nominal Diameter	Cutter Body	Insert Corner	Inserts	D ₃ Program Diameter	L ₃ Program Length
1.000	15R4H-1002080R01	.156R	FEEW250340R-CR	0.697	1.881
		.187R	FEEW250348R-CR	0.644	1.846
		.250R	FEEW250364R-CR	0.500	1.750
		.156"R / 4.0mm	FEEW250340R-CR	0.697	1.881
		5.0mm	FEEW250350R-CR	0.611	1.825
		6.0mm	FEEW250360R-CR	0.530	1.771

HARDWARE

Insert Screw		Driver
Part No.	Torque	Part No.
SE06-028-00	25-30 in. lbs.	DS-T15T (Tx-15)

For technical information, see page M478.

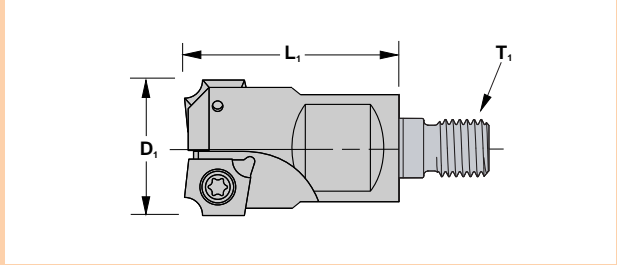
FAST-BREAK™ CORNER ROUNDING END MILL SERIES 15R1V (TOP-ON STYLE)

Diameters
1.000"

Insert Corner
.031", .062", .094" and .125"R (convex)



Corner Rounding

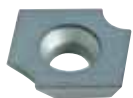


D ₁ Nominal Diameter	T ₁ Adaption	Cutter Number	L ₁ Extension Length	Number of Inserts	Wrench Size	Accepts Insert Radius
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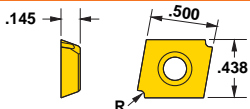
1.000	M12	15R1V-10015X7R01	1.50	2	17mm	.031-.125
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See pages M390-M399 for TopOn System Components.

INSERTS

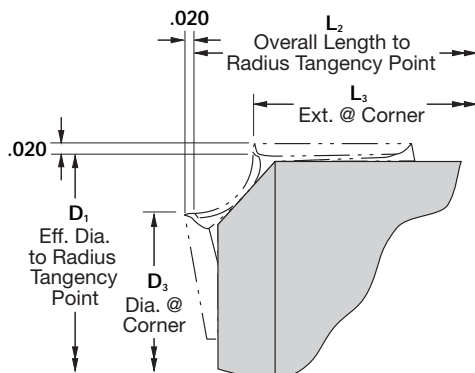


BEEW1203_ _R-CR



Insert Number	Convex Corner	Grade	
		IN	2030
BEEW120308R-CR	.031R	■	
BEEW120316R-CR	.062R	■	
BEEW120325R-CR	.094R	■	
BEEW120332R-CR	.125R	■	
NEW! BEEW120310R-CR	1.0mm	■	
NEW! BEEW120320R-CR	2.0mm	■	
NEW! BEEW120330R-CR	3.0mm	■	

PROGRAMMING DIMENSIONS



D ₁ Nominal Diameter	Cutter Body	Insert Corner	Inserts	D ₃ Program Diameter	L ₃ Program Length
1.000	15R1V-10015X7R01	.031R	BEEW120308R-CR	0.934	1.484
		.062R	BEEW120316R-CR	0.873	1.449
		.094R	BEEW120325R-CR	0.802	1.409
		.125R	BEEW120332R-CR	0.745	1.375
		1.0mm	BEEW120310R-CR	0.920	1.476
		2.0mm	BEEW120320R-CR	0.839	1.430
		3.0mm	BEEW120330R-CR	0.762	1.385

HARDWARE

Insert Screw		Driver
Part No.	Torque	Part No.
SE06-028-00	25-30 in. lbs.	DS-T15T (Tx-15)

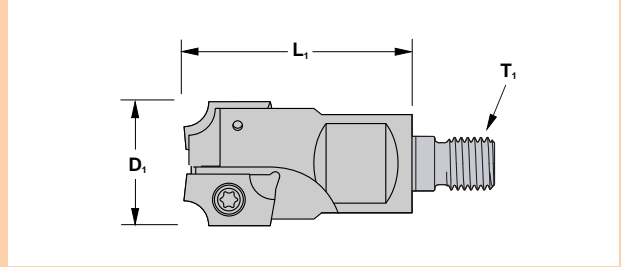
For technical information, see page M478.



FAST-BREAK™ CORNER ROUNDING END MILL SERIES 15R4H (TOP-ON STYLE)

Diameters
1.000"

Insert Corner
.187" and .250"R (convex)

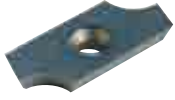


D ₁ Nominal Diameter	T ₁ Adaption	Cutter Number	L ₁ Extension Length	Number of Inserts	Wrench Size	Accepts Insert Radius
1.000	M12	15R4H-10015X7R01	1.75	2	17mm	.031-.125

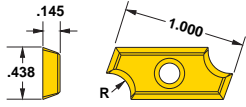


See pages M390-M399 for TopOn System Components.

INSERTS

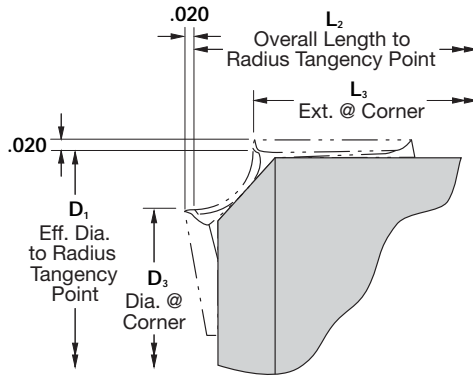


FEEW2503__R-CR



Insert Number	Convex Corner	Grade	
		IN	2030
FEEW250348R-CR	.187R	■	
FEEW250364R-CR	.250R	■	
NEW! FEEW250340R-CR	.156"R / 4.0mm	■	
NEW! FEEW250350R-CR	5.0mm	■	
NEW! FEEW250360R-CR	6.0mm	■	

PROGRAMMING DIMENSIONS



D ₁ Nominal Diameter	Cutter Body	Insert Corner	Inserts	D ₃ Program Diameter	L ₃ Program Length
1.000	15R4H-10015X7R01	.156R	FEEW250340R-CR	0.697	1.631
		.187R	FEEW250348R-CR	0.644	1.596
		.250R	FEEW250364R-CR	0.500	1.500
		4.0mm	FEEW250340R-CR	0.697	1.631
		5.0mm	FEEW250350R-CR	0.611	1.575
		6.0mm	FEEW250360R-CR	0.530	1.521

HARDWARE

Insert Screw		Driver	
Part No.	Torque	Part No.	
SE06-028-00	25-30 in. lbs.	DS-T15T (Tx-15)	

For technical information, see page M478.