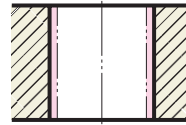


# NIKKEN CARBIDE PF RADICAL REAMER EVO

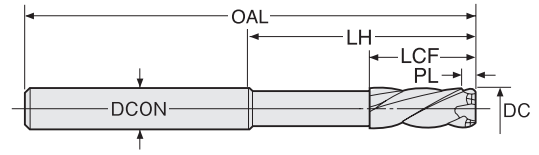


## PF-RMSS-EVO Carbide PF Radical Mill Reamer EVO (Straight Shank)



Explanation of the Code No.

PF - RMSS - 12.0 - EVO  
 FOR DIFFICULT-TO-CUT MATERIALS  
 • DIAMETER  
 • RADICAL MILL REAMER SERIES  
 RMSS : STRAIGHT SHANK FOR THROUGH HOLE  
 • NONE: SOLID CARBIDE PF: PRESS FIT



MILLING BLADE LH-HELIX 30-35° EVO COAT P.132 \*See P.4 for icons.

STOCK: ●=STANDARD STOCK ITEM(IN JAPAN) △=PRODUCTION BY ORDER

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
RMSS- 3.0-EVO	●	3.0	60	3	4.0	16	35
- 3.175-EVO	△	3.175(1/8)	60	3	4.0	16	35
- 3.5-EVO	●	3.5	60	4	4.4	18	35
- 4.0-EVO	●	4.0	60	4	4.8	18	35
- 4.5-EVO	●	4.5	70	5	4.8	22	40
- 5.0-EVO	●	5.0	70	5	4.8	22	40
- 5.5-EVO	●	5.5	85	6	5.1	25	50
- 6.0-EVO	●	6.0	85	6	5.4	25	50
- 6.35-EVO	△	6.35(1/4)	90	8	5.6	25	50
- 6.5-EVO	●	6.5	90	8	5.6	25	50
- 7.0-EVO	●	7.0	90	8	6.0	25	50
- 7.5-EVO	●	7.5	100	8	6.4	25	60
- 7.938-EVO	△	7.938(5/16)	100	10	6.6	25	60
- 8.0-EVO	●	8.0	100	10	6.6	25	60
- 8.5-EVO	●	8.5	105	10	6.8	25	60
- 9.0-EVO	●	9.0	105	10	7.0	25	60
- 9.5-EVO	●	9.5	110	10	7.1	29	60
- 9.525-EVO	△	9.525(3/8)	110	10	7.1	29	60
- 10.0-EVO	●	10.0	110	10	7.2	29	60

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
PF-RMSS- 10.5-EVO	●	10.5	115	12	7.6	22	65
- 11.0-EVO	●	11.0	115	12	7.9	22	65
- 11.113-EVO	△	11.113(7/16)	115	12	7.9	22	65
- 11.5-EVO	●	11.5	125	12	7.9	22	70
- 12.0-EVO	●	12.0	125	12	7.9	22	70
- 12.5-EVO	●	12.5	130	12	7.9	22	75
- 12.7-EVO	△	12.7(1/2)	130	12	7.9	22	75
- 13.0-EVO	●	13.0	130	12	8.2	22	75
- 13.5-EVO	●	13.5	130	16	8.2	22	75
- 14.0-EVO	●	14.0	130	16	9.0	22	75
- 15.0-EVO	●	15.0	140	16	9.0	22	80
- 16.0-EVO	●	16.0	150	16	9.4	24	90
- 17.0-EVO	●	17.0	150	16	9.4	24	90
- 18.0-EVO	●	18.0	155	20	9.4	24	90
- 19.0-EVO	●	19.0	155	20	9.4	24	90
- 20.0-EVO	●	20.0	160	20	9.8	24	95

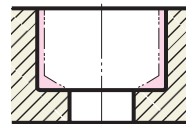
\*PL means chamfering length to φDC. ★Long type and OH type is also available.

CARBIDE FOR THROUGH HOLE FOR STEPPED HOLE

# NIKKEN CARBIDE PF RADICAL REAMER EVO

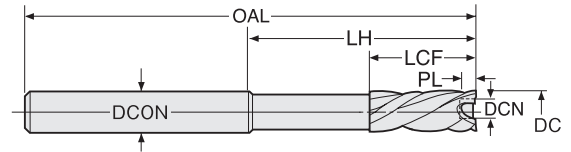


## PF-RFSS-EVO For STEPPED HOLE Carbide PF Radical Mill Reamer EVO (Straight Shank)



Explanation of the Code No.

PF - RFSS - 12.0 - EVO  
 FOR DIFFICULT-TO-CUT MATERIALS  
 • DIAMETER  
 • RADICAL MILL REAMER SERIES  
 RFSS : STRAIGHT SHANK FOR STEPPED HOLE  
 • NONE: SOLID CARBIDE PF: PRESS FIT



MILLING BLADE LH-HELIX 30° EVO COAT P.132 \*See P.4 for icons.

STOCK: ●=STANDARD STOCK ITEM(IN JAPAN) △=PRODUCTION BY ORDER

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RFSS- 4.0-EVO	●	4.0	60	4	0.6	2.0	18	35
- 4.5-EVO	●	4.5	70	5	0.6	2.0	22	40
- 5.0-EVO	●	5.0	70	5	0.6	2.5	22	40
- 5.5-EVO	●	5.5	85	6	0.6	3.0	25	50
- 6.0-EVO	●	6.0	85	6	0.6	3.0	25	50
- 6.35-EVO	△	6.35(1/4)	90	8	0.6	3.0	25	50
- 6.5-EVO	●	6.5	90	8	0.6	3.0	25	50
- 7.0-EVO	●	7.0	90	8	0.6	3.5	25	50
- 7.5-EVO	●	7.5	100	8	0.6	4.0	25	60
- 7.938-EVO	△	7.938(5/16)	100	8	0.6	4.0	25	60
- 8.0-EVO	●	8.0	100	8	0.6	4.0	25	60
- 8.5-EVO	●	8.5	105	10	0.6	4.5	25	60
- 9.0-EVO	●	9.0	105	10	0.6	4.5	25	60
- 9.5-EVO	●	9.5	110	10	0.6	5.0	29	60
- 9.525-EVO	△	9.525(3/8)	110	10	0.6	5.0	29	60
- 10.0-EVO	●	10.0	110	10	0.6	5.0	29	60

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
PF-RFSS- 10.5-EVO	●	10.5	115	12	0.6	5.0	22	65
- 11.0-EVO	●	11.0	115	12	0.6	5.0	22	65
- 11.113-EVO	△	11.113(7/16)	115	12	0.6	5.0	22	65
- 11.5-EVO	●	11.5	125	12	0.6	5.0	22	70
- 12.0-EVO	●	12.0	125	12	0.6	5.0	22	70
- 12.5-EVO	●	12.5	130	12	0.6	5.0	22	75
- 12.7-EVO	△	12.7(1/2)	130	12	0.6	5.0	22	75
- 13.0-EVO	●	13.0	130	12	0.6	5.0	22	75
- 13.5-EVO	●	13.5	130	16	0.6	7.0	22	75
- 14.0-EVO	●	14.0	130	16	0.6	7.0	22	75
- 15.0-EVO	●	15.0	140	16	0.6	7.0	22	80
- 16.0-EVO	●	16.0	150	16	0.6	7.0	24	90
- 17.0-EVO	●	17.0	150	16	0.6	7.0	24	90
- 18.0-EVO	●	18.0	155	20	0.6	7.0	24	90
- 19.0-EVO	●	19.0	155	20	0.6	9.0	24	90
- 20.0-EVO	●	20.0	160	20	0.6	9.0	24	95

\*PL means chamfering length to φDC. ★DCN is the front end bore diameter without bottom teeth, thus please make sure predrilled hole should be larger than φDCN.  
 ★Long type and OH type is also available.  
 ★Please slightly decrease feed rate before reaching the bottom of the hole without using G86.