

COMPETITION FITMENT GUIDE

CAST (ONE-PIECE) WHEELS

This Fitment Guide has been prepared in order to assist in the correct choice of competition wheels for your car and includes complete dimensional data on all of the Revolution cast (one-piece) competition wheels, together with explanatory notes and a fitment checklist. Also available on request, are scale drawings of the popular 13" and 15" wheels which may be used as templates to check critical clearances such as caliper, steering and suspension.

Besides offering an extensive choice of widths, diameters and offsets, most Revolution competition wheels are available in three different machining options:
Lightweight: suitable for circuit racing (single seaters and saloons), hillclimbs, drag racing, sprints etc.

Intermediate: suitable for tarmac rallying, autotests etc.

Heavy Duty: suitable for forest rallying, rallycross, hot rods, stock cars etc.

Fitment of the 4 and 5 spoke wheels is normally by means of extended tube-nuts or bolts and the RF-X and RT-X wheels by means of the standard type of dome (taper seating) nut or bolt. However, all Revolution Competition Wheels can be supplied to suit stud fixing, centre-lock fixing, peg drive and "Quick-Fit" systems. It is therefore important to ensure that the fullest possible information is supplied when ordering.

HOW TO ORDER

For all applications, the following information is required:

Car, model and type, year, rim width and diameter as well as the form of motorsport in which the wheel is to be used.

For more specialised applications, the following additional information may also be required:

PCD (front and rear), offset (front and rear), centre bore diameter, stud lengths and diameters (including "shoulders" if applicable) and caliper details.

A competition car checklist is included with this Fitment Guide in order to assist you in determining the correct dimensions.

FINISHES

Lightweight & Intermediate Wheels

- Standard Finish – machined rim; black, white, silver or gold spokes
- Optional Finish – highly polished rim
special colours*

Heavy Duty Wheels

- Standard Finish – white or silver hammer (rim and spokes)
- Optional Finish – special colours*

*Specify colour type and manufacturer's paint code.

ACCESSORIES

- a) Extended tube nuts/bolts and standard (taper seating) dome nuts/bolts.
- b) Inserts to suit the "Quick-Fit" systems on Ford, Vauxhall, Toyota, Talbot, Nissan, GM etc.
- c) Wheel spacers – in 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", and 1" widths (longer tube nuts/bolts are available to suit most spacer installations).
- d) Competition valves – bolt-in type.

On receipt of your order, it is advisable to fit the wheels to the car prior to tyre fitment and check the following points:

- a) The stud hole pattern (PCD) and centre bore diameter are correct.
- b) The wheelnut/bolts are of the correct length and thread type and that sufficient thread is available to fit the wheels safely.
- c) The wheel seats flush onto the hub and does not foul on any part of the brake system, steering, suspension or bodywork (turn the front wheels lock to lock to check).

Should you require any further assistance or advice or have any queries regarding a particular application, please contact us.



REVOLUTION WHEELS INTERNATIONAL LIMITED

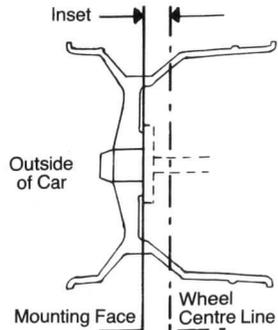
Restmor Way, Wallington, Surrey SM6 7AH.

Telephone: 01-647 7555/4544/4508 Telex: 943763.

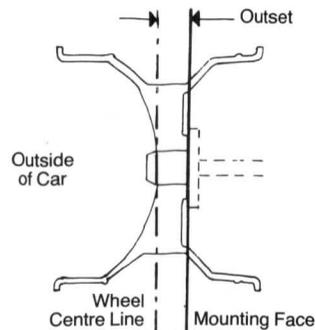
EXPLANATORY NOTES

OFFSET – this is the measurement between the wheel mounting face and the centre line of the wheel. It may be either:

- 1) negative – in which case the wheel is termed inset.
- 2) positive – in which case the wheel is termed outset.
- 3) zero – when the centre line of the wheel and the hub mounting face correspond.



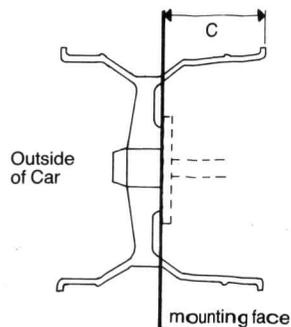
Inset is calculated by measuring *in* from the wheel mounting face to the wheel centre line.



Outset is calculated by measuring *out* from the wheel mounting face to the wheel centre line.

'C' DIMENSION

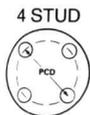
The 'C' Dimension is the measurement from the wheel mounting face to the edge of the inside rim.



PITCH CIRCLE DIAMETER (PCD)

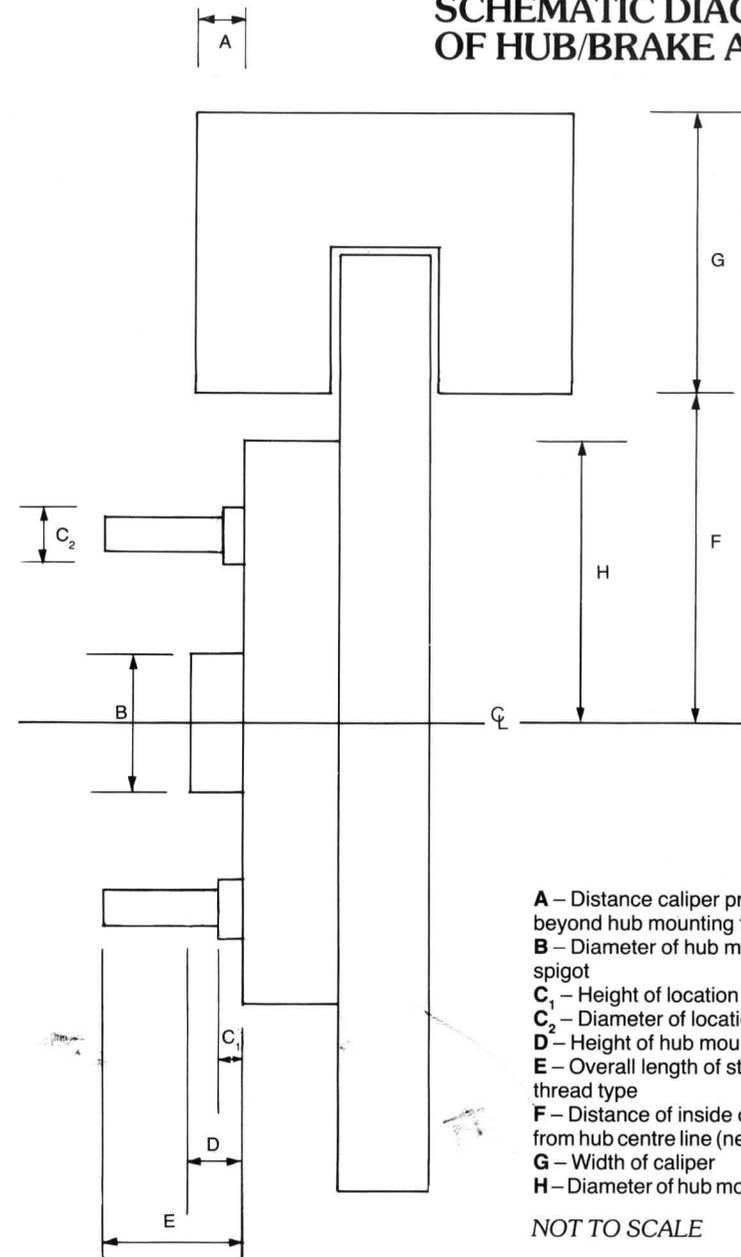
This is the diameter of the circle that passes through the centre of all four or five studs.

How to Measure PCD



FITMENT CHECKLIST

SCHEMATIC DIAGRAM OF HUB/BRAKE ASSEMBLY



- A** – Distance caliper protrudes beyond hub mounting face.
- B** – Diameter of hub mounting spigot
- C₁** – Height of location shoulder
- C₂** – Diameter of location shoulder
- D** – Height of hub mounting spigot
- E** – Overall length of stud and thread type
- F** – Distance of inside of caliper from hub centre line (nearest point)
- G** – Width of caliper
- H** – Diameter of hub mounting face

NOT TO SCALE



REVOLUTION COMPETITION WHEELS

Diameter & Type	Size	Catalogue No.	Offset	'C' Dimension
10" 4 spoke	6x10	10C-PC2/1/J	.250"/6.4mm inset	3.625"/92mm
12" 4 spoke	6x12	12C-PD1/1/J	.125"/3.2mm inset	3.500"/89mm
13" 4 spoke	5 1/2 x13	13C-PC1/1/K	.625"/15.9mm outset	2.500"/64mm
	5 1/2 x13	13C-PA3/1/J	.750"/19.1mm inset	3.875"/98mm
	5 1/2 x13	13C-PA3/3/L	.500"/12.7mm inset	3.625"/92mm
	5 1/2 x13	13C-PA3/5/N	.250"/6.4mm inset	3.375"/86mm
	5 1/2 x13	13L-RPA3/1/K	.375"/9.5mm inset	3.500"/89mm
	5 1/2 x13	13C-RPA3/1/K	.500"/12.7mm inset	3.625"/92mm
	6x13	13C-PA4/1/J	1.000"/25.4mm inset	4.375"/111mm
	6x13	13C-PA4/3/L	.750"/19.1mm inset	4.125"/105mm
	6x13	13C-PA4/5/N	.500"/12.7mm inset	3.875"/98mm
	6x13	13C-PC2/1/K	.375"/9.5mm outset	3.000"/76mm
	6x13	13C-PC2/2/L	.500"/12.7mm inset	2.875"/73mm
	6x13	13L-RPA4/1/K	.625"/15.9mm inset	4.000"/102mm
	6x13	13C-RPA4/1/K	.750"/19.1mm inset	4.125"/105mm
	6x13	13C-RPA4/3/L	.500"/12.7mm inset	3.875"/98mm
	6x13	13C-RPA4/5/N	.250"/6.4mm inset	3.625"/92mm
	6x13	13C-RPA4/7/P	.000"/000mm zero	3.375"/86mm
	6 1/2 x13	13C-PB4/1/J	.750"/19.1mm inset	4.375"/111mm
	6 1/2 x13	13C-PB4/3/L	.500"/12.7mm inset	4.125"/105mm
	6 1/2 x13	13C-PB4/5/N	.250"/6.4mm inset	3.875"/98mm
	7x13	13C-PC4/1/K	.125"/3.2mm inset	4.000"/102mm
	7x13	13C-PC4/2/L	.000"/000mm zero	3.875"/98mm
	7x13	13C-PA6/1/K	1.250"/31.8mm inset	5.125"/130mm
	7x13	13C-PA6/3/L	1.000"/25.4mm inset	4.875"/124mm
	7x13	13C-PA6/5/N	.750"/19.1mm inset	4.625"/118mm
	7x13	13C-PA6/7/P	.500"/12.7mm inset	4.375"/111mm
	7x13	13C-PA6/9/R	.250"/6.4mm inset	4.125"/105mm
	7x13	13C-PA6/11/T	.000"/000mm zero	3.875"/98mm
	7x13	13C-PA6/13/V	.250"/6.4mm outset	3.625"/92mm
	7x13	13C-PE2/1/K	.250"/6.4mm outset	3.625"/92mm
	7x13	13C-PE2/3/L	.500"/12.7mm outset	3.375"/86mm
7x13	13C-PE2/5/N	.750"/19.1mm outset	3.125"/79mm	
7x13	13C-PE2/6/P	.875"/22.2mm outset	3.000"/76mm	
7 1/2 x13	13C-PD4/1/J	.250"/6.4mm inset	4.375"/111mm	
7 1/2 x13	13C-PD4/3/L	.000"/000mm zero	4.125"/105mm	
7 1/2 x13	13C-PD4/5/N	.250"/6.4mm outset	3.875"/98mm	
8x13	13C-PE4/1/K	.250"/6.4mm inset	4.625"/118mm	
8x13	13C-PE4/2/L	.125"/3.2mm inset	4.500"/114mm	
8x13	13C-PE4/3/L	.000"/000mm zero	4.375"/111mm	
8x13	13C-PE4/4/N	.125"/3.2mm outset	4.250"/108mm	
8x13	13C-PE4/5/N	.250"/6.4mm outset	4.125"/105mm	
8x13	13C-PE4/6/P	.375"/9.5mm outset	4.000"/102mm	
8x13	13C-PE4/7/P	.500"/12.7mm outset	3.875"/98mm	



REVOLUTION COMPETITION WHEELS

Diameter & Type	Size	Catalogue No.	Offset	'C' Dimension
13" 4 spoke	8x13	13C-PC6/1/K	.750"/19.1mm inset	5.125"/130mm
	8x13	13C-PC6/3/L	.500"/12.7mm inset	4.875"/124mm
	8x13	13C-PC6/5/N	.250"/6.4mm inset	4.625"/118mm
	8x13	13C-PC6/7/P	.000"/000mm zero	4.375"/111mm
	8x13	13C-PC6/9/R	.250"/6.4mm outset	4.125"/105mm
	8x13	13C-PC6/11/T	.500"/12.7mm outset	3.875"/98mm
	8x13	13C-PC6/13/V	.750"/19.1mm outset	3.625"/92mm
	8x13	13C-PAB/1/K	1.750"/44.5mm inset	6.125"/156mm
	8x13	13C-PAB/3/L	1.500"/38.1mm inset	5.875"/149mm
	8x13	13C-PAB/5/N	1.250"/31.8mm inset	5.625"/143mm
	8x13	13C-PAB/7/P	1.000"/25.4mm inset	5.375"/136mm
	8x13	13C-PAB/9/R	.750"/19.1mm inset	5.125"/130mm
	8x13	13C-PAB/11/T	.500"/12.7mm inset	4.875"/124mm
	8x13	13C-PAB/13/V	.250"/6.4mm inset	4.625"/118mm
	8 1/2 x13	13C-PE5/1/K	.500"/12.7mm inset	5.125"/130mm
	8 1/2 x13	13C-PE5/2/L	.375"/9.5mm inset	5.000"/127mm
	8 1/2 x13	13C-PE5/3/L	.250"/6.4mm inset	4.875"/124mm
	8 1/2 x13	13C-PE5/4/N	.125"/3.2mm inset	4.750"/121mm
	8 1/2 x13	13C-PE5/5/N	.000"/000mm zero	4.625"/118mm
	8 1/2 x13	13C-PE5/6/P	.125"/3.2mm outset	4.500"/114mm
	8 1/2 x13	13C-PE5/7/P	.250"/6.4mm outset	4.375"/111mm
	9x13	13C-PG4/1/K	.250"/6.4mm outset	4.625"/118mm
	9x13	13C-PG4/2/L	.375"/9.5mm outset	4.500"/114mm
	9x13	13C-PG4/3/L	.500"/12.7mm outset	4.375"/111mm
	9x13	13C-PG4/4/N	.625"/15.9mm outset	4.250"/108mm
	9x13	13C-PG4/5/N	.750"/19.1mm outset	4.125"/105mm
	9x13	13C-PG4/6/P	.875"/22.2mm outset	4.000"/102mm
	9x13	13C-PG4/7/P	1.000"/25.4mm outset	3.875"/98mm
	9x13	13C-PE6/1/J	.500"/12.7mm inset	5.375"/137mm
	9x13	13C-PE6/3/L	.250"/6.4mm inset	5.125"/130mm
	9x13	13C-PE6/5/N	.000"/000mm zero	4.875"/124mm
	9x13	13C-PC8/1/K	1.250"/31.8mm inset	6.125"/156mm
	9x13	13C-PC8/3/L	1.000"/25.4mm inset	5.875"/149mm
	9x13	13C-PC8/5/N	.750"/19.1mm inset	5.625"/143mm
	9x13	13C-PC8/7/P	.500"/12.7mm inset	5.375"/136mm
	9x13	13C-PC8/9/R	.250"/6.4mm inset	5.125"/130mm
	9x13	13C-PC8/11/T	.000"/000mm zero	4.875"/124mm
	9x13	13C-PC8/13/V	.250"/6.4mm outset	4.625"/118mm
	10x13	13C-PI4/1/K	.750"/19.1mm outset	4.625"/118mm
	10x13	13C-PI4/2/L	.875"/22.2mm outset	4.500"/114mm
	10x13	13C-PI4/3/L	1.000"/25.4mm outset	4.375"/111mm
	10x13	13C-PI4/4/N	1.125"/28.6mm outset	4.250"/108mm
10x13	13C-PI4/5/N	1.250"/31.8mm outset	4.125"/105mm	
10x13	13C-PI4/6/P	1.375"/34.9mm outset	4.000"/102mm	
10x13	13C-PI4/7/P	1.500"/38.1mm outset	3.875"/98mm	



REVOLUTION COMPETITION WHEELS

Diameter & Type	Size	Catalogue No.	Offset	'C' Dimension	
13" 4 spoke	10x13	13C-PG6/1/J	.000"/000mm zero	5.375"/137mm	
	10x13	13C-PG6/3/L	.250"/6.4mm outset	5.125"/130mm	
	10x13	13C-PG6/5/N	.500"/12.7mm outset	4.875"/124mm	
	12x13	13C-PJ4/1/J	.875"/22.2mm outset	5.500"/140mm	
	12x13	13C-PJ4/3/L	1.125"/28.6mm outset	5.250"/133mm	
	12x13	13C-PJ4/5/N	1.375"/34.9mm outset	5.000"/127mm	
	12x13	13C-PJ4/7/P	1.625"/41.3mm outset	4.750"/121mm	
	12x13	13C-PJ4/9/R	1.875"/47.6mm outset	4.500"/114mm	
	12x13	13C-PJ4/11/T	2.125"/54.0mm outset	4.250"/108mm	
	12x13	13C-PJ4/13/V	2.375"/60.3mm outset	4.000"/102mm	
	14x13	13C-PM4/1/J	1.875"/47.6mm outset	5.500"/140mm	
	14x13	13C-PM4/3/L	2.125"/54.0mm outset	5.250"/133mm	
	14x13	13C-PM4/5/N	2.375"/60.3mm outset	5.000"/127mm	
	14x13	13C-PM4/7/P	2.625"/66.7mm outset	4.750"/121mm	
	14x13	13C-PM4/9/R	2.875"/73.0mm outset	4.500"/114mm	
	14x13	13C-PM4/11/T	3.125"/79.4mm outset	4.250"/108mm	
	14x13	13C-PM4/13/V	3.375"/85.7mm outset	4.000"/102mm	
	13" RT-X	5½x13	13C-RTA3/1	.875"/22.0mm inset	4.000"/102mm
		6x13	13C-RTA4/1	1.125"/28.6mm inset	4.500"/114mm
	13" RF-X	5½x13	13C-RPY5/1	1.500"/38.1mm inset	4.625"/118mm
5½x13		13C-RPW4/1	1.450"/36.8mm inset	4.575"/116mm	
5½x13		13C-RPW4/3	1.200"/30.5mm inset	4.325"/110mm	
5½x13		13C-RPW4/5	.950"/24.1mm inset	4.075"/104mm	
5½x13		13C-RPW4/7	.700"/17.8mm inset	3.825"/97mm	
6x13		13C-RPY6/1	1.750"/44.5mm inset	5.125"/130mm	
6x13		13C-RPW5/1	1.700"/43.2mm inset	5.075"/129mm	
6x13		13C-RPW5/3	1.450"/36.8mm inset	4.825"/123mm	
6x13		13C-RPW5/5	1.200"/30.5mm inset	4.575"/116mm	
6x13		13C-RPW5/7	.950"/24.1mm inset	4.325"/110mm	
340mm RF-X	135x340	340C-RPW4/1	1.450"/36.8mm inset	4.575"/116mm	
	135x340	340C-RPW4/3	1.200"/30.5mm inset	4.325"/110mm	
	135x340	340C-RPW4/5	.950"/24.1mm inset	4.075"/104mm	
	135x340	340C-RPW4/7	.700"/17.8mm inset	3.825"/97mm	
	150x340	340C-RPW5/1	1.700"/43.2mm inset	5.075"/129mm	
	150x340	340C-RPW5/3	1.450"/36.8mm inset	4.825"/123mm	
	150x340	340C-RPW5/5	1.200"/30.5mm inset	4.575"/116mm	
	150x340	340C-RPW5/7	.950"/24.1mm inset	4.325"/110mm	
14" 5 spoke	6x14	14C-P5B3/1/K	.625"/15.9mm inset	4.000"/102mm	
	6x14	14C-P5B3/2/L	.500"/12.7mm inset	3.875"/98mm	
	7x14	14C-P5D3/1/K	.125"/3.2mm inset	4.000"/102mm	
	7x14	14C-P5D3/2/L	.000"/000mm zero	3.875"/98mm	
14" RF-X	6x14	14C-RPY6/1	1.500"/38.1mm inset	4.875"/124mm	
	6x14	14C-RPY6/3	1.250"/31.8mm inset	4.625"/117mm	
	6x14	14C-RPY6/5	1.000"/25.4mm inset	4.375"/111mm	
15" 5 spoke	6x15	15C-PA4/1/K	1.375"/35.0mm inset	4.750"/121mm	
	6x15	15C-PA4/3/L	1.125"/28.6mm inset	4.500"/114mm	
	6x15	15C-PA4/5/N	.875"/22.2mm inset	4.250"/108mm	



REVOLUTION COMPETITION WHEELS

Diameter & Type	Size	Catalogue No.	Offset	'C' Dimension
15" 5 spoke	7x15	15C-PC4/1/K	.875"/22.2mm inset	4.750"/121mm
	7x15	15C-PC4/3/L	.625"/15.9mm inset	4.500"/114mm
	7x15	15C-PC4/5/N	.375"/9.5mm inset	4.250"/108mm
	8x15	15C-PE4/1/K	.375"/9.5mm inset	4.750"/121mm
	8x15	15C-PE4/3/L	.125"/3.2mm inset	4.500"/114mm
	8x15	15C-PE4/5/N	.125"/3.2mm outset	4.250"/108mm
	8x15	15C-PE4/6/P	.250"/6.4mm outset	4.125"/105mm
	9x15	15C-PG4/1/K	.125"/3.2mm outset	4.750"/121mm
	9x15	15C-PG4/3/L	.375"/9.5mm outset	4.500"/114mm
	9x15	15C-PG4/5/N	.625"/15.9mm outset	4.250"/108mm
	9x15	15C-PG4/6/P	.750"/19.1mm outset	4.125"/105mm
	10x15	15C-PI4/1/K	.625"/15.9mm outset	4.750"/121mm
	10x15	15C-PI4/3/L	.875"/22.2mm outset	4.500"/114mm
	10x15	15C-PI4/5/N	1.125"/28.6mm outset	4.250"/108mm
	10x15	15C-PI4/6/P	1.250"/31.8mm outset	4.125"/105mm
	10x15	15C-PG6/1/K	.375"/9.5mm inset	5.750"/146mm
	10x15	15C-PG6/3/L	.125"/3.2mm inset	5.500"/140mm
	10x15	15C-PG6/5/N	.125"/3.2mm outset	5.250"/133mm
	10x15	15C-PG6/6/P	.250"/6.4mm outset	5.125"/130mm
	15" RF-X	6x15	15C-RPY6/1	1.500"/38.1mm inset
6x15		15C-RPY6/3	1.250"/31.8mm inset	4.625"/118mm
6x15		15C-RPY6/5	1.000"/25.4mm inset	4.375"/111mm
7x15		15C-RPW6/1	1.000"/25.4mm inset	4.875"/124mm
7x15		15C-RPW6/3	.750"/19.1mm inset	4.625"/118mm
7x15		15C-RPW6/5	.500"/12.7mm inset	4.375"/111mm
7x15		15C-RPY8/1	2.000"/50.8mm inset	5.875"/149mm
7x15		15C-RPY8/3	1.750"/44.5mm inset	5.625"/143mm
7x15		15C-RPY8/5	1.500"/38.1mm inset	5.375"/137mm
8x15		15C-RPU6/1	.500"/12.7mm inset	4.875"/124mm
8x15	15C-RPU6/3	.250"/6.4mm inset	4.625"/118mm	
8x15	15C-RPU6/5	.000"/000mm zero	4.375"/111mm	
8x15	15C-RPW8/1	1.500"/38.1mm inset	5.875"/149mm	
8x15	15C-RPW8/3	1.250"/31.8mm inset	5.625"/143mm	
8x15	15C-RPW8/5	1.000"/25.4mm inset	5.375"/137mm	
390mm RF-X	9x15	15C-RPU8/1	1.000"/25.4mm inset	5.875"/149mm
	9x15	15C-RPU8/3	.750"/19.1mm inset	5.625"/143mm
	9x15	15C-RPU8/5	.500"/12.7mm inset	5.375"/137mm
	150x390	390C-RPY6/1	1.500"/38.1mm inset	4.875"/124mm
	150x390	390C-RPY6/3	1.250"/31.8mm inset	4.625"/118mm
	150x390	390C-RPY6/5	1.000"/25.4mm inset	4.375"/111mm
	180x390	390C-RPW6/1	1.000"/25.4mm inset	4.875"/124mm
	180x390	390C-RPW6/3	.750"/19.1mm inset	4.625"/118mm
	180x390	390C-RPW6/5	.500"/12.7mm inset	4.375"/111mm
	16" RF-X	7x16	16C-RPW6/1	1.125"/28.6mm inset
7x16		16C-RPW6/3	.875"/22.2mm inset	4.750"/121mm
7x16		16C-RPW6/5	.625"/15.9mm inset	4.500"/114mm
8x16		16C-RPU6/1	.625"/15.9mm inset	5.000"/127mm
8x16		16C-RPU6/3	.375"/9.5mm inset	4.750"/121mm
8x16		16C-RPU6/5	.125"/3.2mm inset	4.500"/114mm
9x16		16C-RPU8/1	1.125"/28.6mm inset	6.000"/152mm
9x16		16C-RPU8/3	.875"/22.2mm inset	5.750"/146mm
9x16		16C-RPU8/5	.625"/15.9mm inset	5.500"/140mm