

# matchMaker PRESS

Pressable Ceramic System

## Introduction

Matchmaker PRESS porcelain is designed for "all ceramic" crowns as well as inlays, onlays and veneers. Its special leucite and glass matrix imparts strength in excess of the requirements of EN ISO 6872 together with optical properties which blend seamlessly with the natural tooth. This special matrix is also less abrasive to the opposing dentition than traditional feldspathic porcelains.

Matchmaker PRESS pellets come in a range of shades to produce incredibly lifelike veneers, inlays, onlays and "all ceramic" crowns. There are eight inlay/onlay shades, four each in translucent and opacious as well as three veneer shades. These are however interchangeable depending on the clinical situation. To the sixteen standard shades are added four Hollywood ones for situations where bleaching has been carried out.

Within the Matchmaker PRESS System are many ancillary products which enable both dentists and dental technicians routinely to obtain superb results. These range from furnaces to special die colours, investment, rings, pressing rods etc.

For the surface staining of inlays, onlays and veneers we have developed the innovative Matchmaker Living Stains. So life-like are their colours that when applied on the surface to adjust the shade or to characterise it, they add to the life and vitality of



the restoration. Because they are translucent & fluoresce they do not block the light on the surface.

The matching veneering porcelain to Matchmaker PRESS is Matchmaker LF Low Fusing Porcelain. It faithfully matches the shade range from A1 to D4 and yet the range of available shades is almost endless. Not only are opaque modifiers, opacious dentines and colour translucents provided, but Matchmaker Living Stains can also be mixed together with dentines and enamels to achieve almost every special effect and colour. Matchmaker LF Low Fusing Porcelain is also to be used for veneering over alloys with coefficients of expansion in the range  $13.9 - 15.1 \cdot 10^{-6} K^{-1}$ .

It is based on a matching leucite and glass matrix to Matchmaker PRESS and so is less abrasive to the opposing dentition than traditional feldspathic porcelains.

Matchmaker PRESS, Matchmaker LF and Matchmaker Living Stains comprise a fully compatible range of products designed to reproduce nature's rainbow of colours and effects.



	Material Type	Crowns	Veneers	Single Surface Inlay	Multi Surface Inlay	Onlays
Dentine Shades	A1, A2, A3, A3.5, A4 B1, B2, B3, B4 C1, C2, C3, C4 D2, D3, D4	Individual shades to match shades A1-D4	✓	✓		✓
Hollywood Shades	HA0, HA00 HB0, HB00	For bright and bleached teeth	✓	✓		✓
Veneer Shades	V1	Translucent	✓	✓	✓	✓
	V2	Neutral	✓	✓	✓	✓
	V3	Whitish	✓	✓	✓	✓
Occlusal Shades	TT1	Translucent restorations	✓	✓	✓	✓
	TT2		✓	✓	✓	✓
	TT3		✓	✓	✓	✓
	TT4		✓	✓	✓	✓
	OT1	Opacious restorations	✓	✓	✓	✓
	OT2		✓	✓	✓	✓
	OT3		✓	✓	✓	✓
	OT4		✓	✓	✓	✓

\*Only used for the build up technique

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Pressable  
Ceramic System

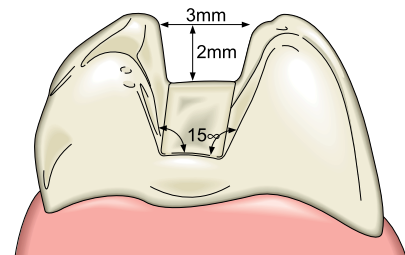
# Maker

# PRESS

## Tooth Preparation

### Inlays and Onlays:

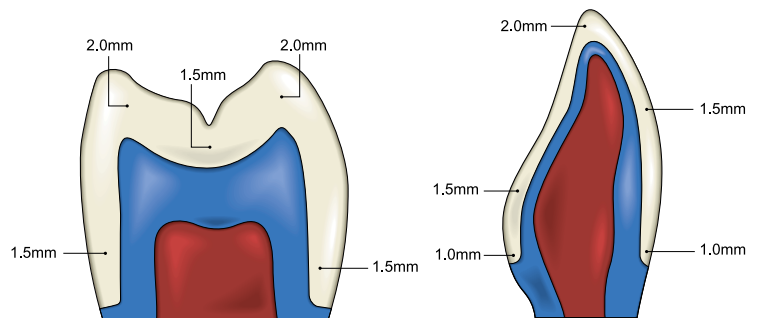
Inner walls should not be prepared parallel, but taper approx 15° towards the occlusal surface. Occlusal reduction should be a minimum 2mm. Box preparations should have rounded corners and edges. The margin between porcelain and enamel should be out of contact with the opposing dentition and feather edges must be avoided.



1.0 - 1.5mm wide gingival floor

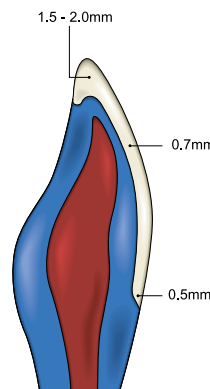
### Crowns:

Reduce the incisal edge by 1.5-2.0 mm and labial and buccal walls by 1-1.5 mm. Prepare a well-formed deep chamfer or 90° shoulder with rounded internal edge. There should be no sharp edges, all line angles should be rounded with a minimum space of 1 mm axially.



### Veneers:

Prepare an incisal reduction of 1.5-2.0 mm (minimum 1.0mm), 0.7 labially and a minimum of 0.5 mm in the gingival area. All preparation margins should be deep chamfers. Avoid putting the porcelain enamel junction at the area of contact with the opposing dentition.



### Hint

- After cutting the preparation, take the stump colour using the Matchmaker Press Colour Die shade guide for matching tooth preps. The Laboratory then paints the same Matchmaker Press Die Colour onto the die to reproduce the actual colour of the tooth substructure.