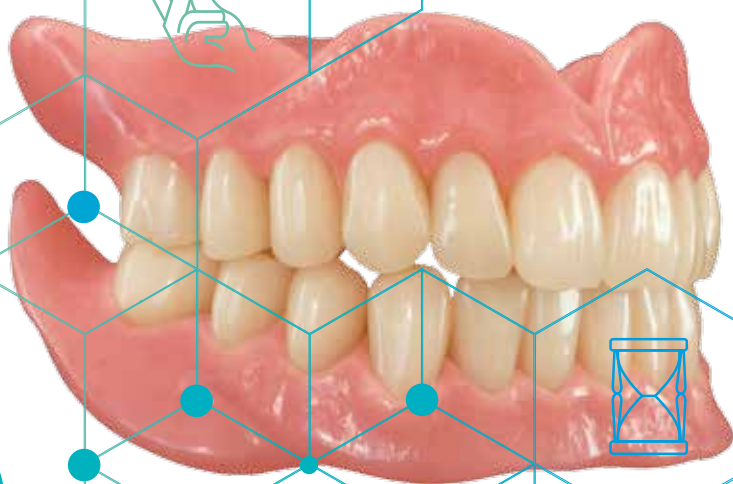


# AcrySMART

S

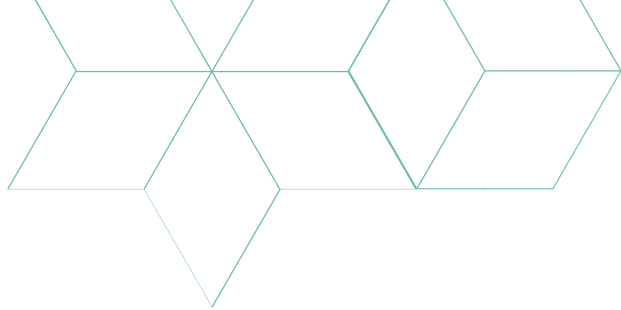


*product information  
and mould chart*



**Ruthinium®  
Group**

*We take care of your smile*



# AcrySMART

**Acry Smart is the innovative system of acrylic resin artificial teeth** which will bring the future in to your job. Versatile, resistant and aesthetically natural which will enable you to obtain excellent results.



## Smart

Innovative in the idea and use



## Versatile

Adaptable to all different setting up techniques



## Functional

Functional aesthetics



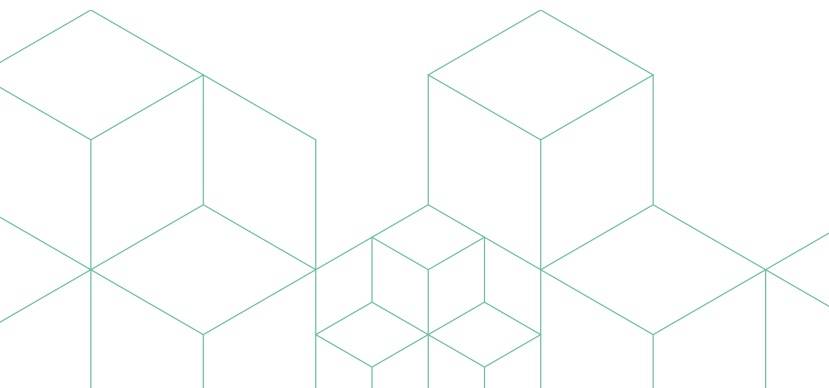
## Easy

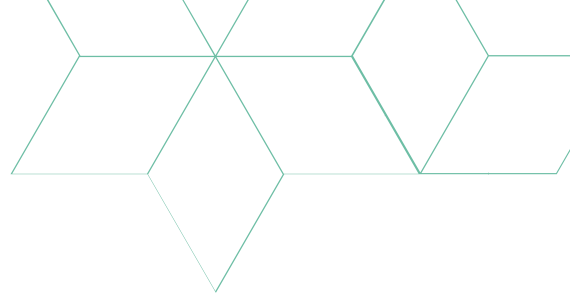
Easy and effective for personalized mounting



## Durable

Occlusion remains unchanged over time



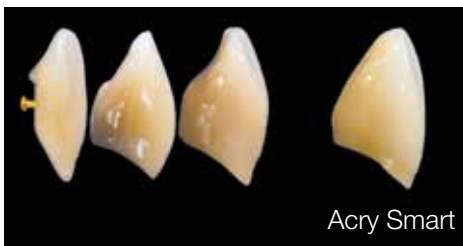


## Funcional

### Funcional aesthetics

Front teeth by AcrySmart provide full individualization of the funcional dynamics maintaining superior aesthetics

**Front teeth:** with the innovative design of the incisal edge they guarantee the patient effective mastication and a prolonged contact surface over time for both bilateral balance and organic occlusion.

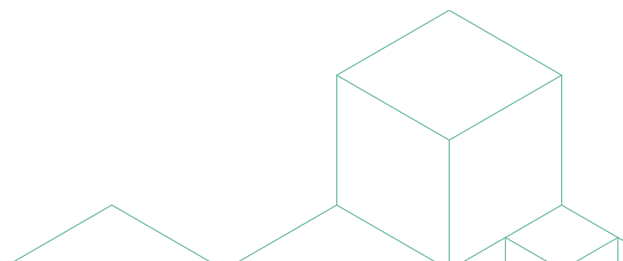


**Upper canines:** they are very different from traditional artificial canine teeth because the design of the distal-occlusal surface is very convex and allows better contact movement during lateral and protrusive excursion.

**Incisors:** the majority of artificial front teeth have a small incisal edge. Consequently, patients who wear prosthesis made with traditional teeth have a very reduced protrusive path during balancing. AcrySmart incisors double the size of the incisal edge to ensure that patients have long front support during the same movement .



**Canines:** the distal-occlusal surface of the upper canines has also been designed to improve function.





## Easy

Easy and effective for personalized mounting

**AcrySmart** allows fast mounting of the prosthesis thanks to the special peripheral design of the rear teeth: the dental technician is aided in any mounting technique he chooses to make.

**AcrySmart** facilitates mounting for both the tooth-to-tooth concept and tooth-to-2-teeth method.

The different grading of the cusp angles of the rear teeth allows **AcrySmart** to easily solve decidedly complicated cases



Tooth to tooth



Tooth to 2 teeth



## New concept of use

Smart

**AcrySmart rear teeth:** they offer the possibility to make prosthesis with the use of rear teeth with a variable cusp inclination.

**AcrySmart rear teeth:** they have been produced with three different occlusal morphologies so that the dental technician can use a more or less youthful design and integrated with the surfaces of functional occlusion.

**AcrySmart rear teeth:** thanks to the three different cusp inclinations they allow a mounting which is specific to the type of mandibular movement of the patient.



30°



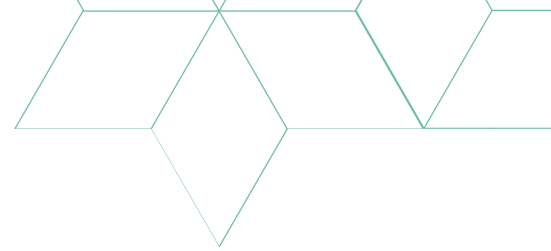
35°



40°

**AcrySmart rear teeth** have a peripheral morphology designed to allow identification of the axis of the tooth crown able to allow mounting at the centre of the ridge, even in unfavourable situations.





## Durable

Occlusion remains unchanged over time.

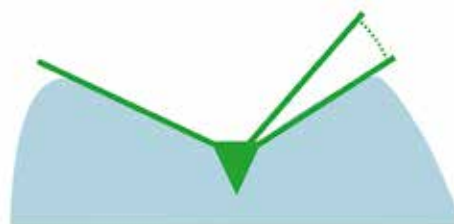
**AcrySmart** has the occlusal surfaces of the rear teeth designed following the new concept of wide tripodization.

**AcrySmart**, with its perimeter surface of rear teeth, is slightly bigger in a vestibule-lingual direction compared with traditional teeth.



**AcrySmart** is recommended for mounting in cases of normal occlusion and of cross-bite.

**AcrySmart**, with its special configuration of the furrows of development of the rear teeth, offers superior grinding efficiency. This is maintained over time, including in cases of worn cusp regions.



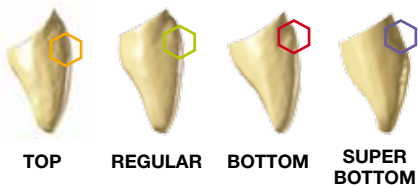
\* Grooves unchanged even in the case of abrasion or wear to the cusps.

# Upper incisors



MOULD	
	RECTANGULAR
	TRIANGULAR
	SQUARE
	RECTANGULAR-SQUARE

## LOCATION OF THE EQUATOR



CODE	
0120090	ACRY SMART 6 UPPER
0120091	ACRY SMART 6 LOWER
0120092	ACRY SMART 8 UPPER
0120093	ACRY SMART 8 LOWER
0120094	ACRY SMART SET 28

**TS1**

1	44,8
2	11,0
3	13,0
4	8,3

**TS8**

1	46,8
2	11,3
3	13,4
4	8,5

**TS3**

1	48,6
2	12,1
3	14,2
4	9,0

**TS10**

1	44,7
2	11,1
3	13,0
4	8,0

**TS4**

1	44,7
2	11,1
3	12,8
4	8,0

**TS11**

1	48,6
2	12,0
3	14,2
4	8,8

**TS6**

1	47,9
2	11,9
3	13,9
4	8,6

**TS12**

1	44,3
2	10,5
3	12,2
4	8,4

**TS7**

1	42,9
2	10,4
3	12,2
4	7,8

**TS14**

1	50,7
2	12,0
3	14,1
4	9,6



## shade guide

WHITE	A1 - 1A
WHITE PINK	A2 - 2A
WHITE LIGHT YELLOW	A3 - 2B
PINK YELLOW	A3,5 - 1D
YELLOW	3A
BROWN	A4
WHITE GREY	C1 - B2 - D2
GREY	D3 - C3 - 4A

## Lower incisors



**TC15**

1	43,5
2	10,5
3	12,5
4	7,9

**TC18**

1	45,6
2	10,3
3	12,6
4	8,3

**TC20**

1	46,8
2	11,3
3	13,3
4	8,5

**TC25**

1	48,9
2	12,5
3	14,1
4	9,1

**TC35**

1	48,6
2	11,8
3	13,9
4	8,9

**T11**

1	35,0
2	10,0
3	11,6
4	4,9

**T12**

1	36,9
2	10,4
3	12,2
4	5,2

**T13**

1	38,3
2	10,7
3	12,7
4	5,4

**T14**

1	36,3
2	10,4
3	11,9
4	5,4

**T15**

1	38,0
2	10,6
3	12,2
4	5,5

**T16**

1	41,3
2	11,7
3	13,3
4	6,0

**T17**

1	37,8
2	11,0
3	13,0
4	5,6

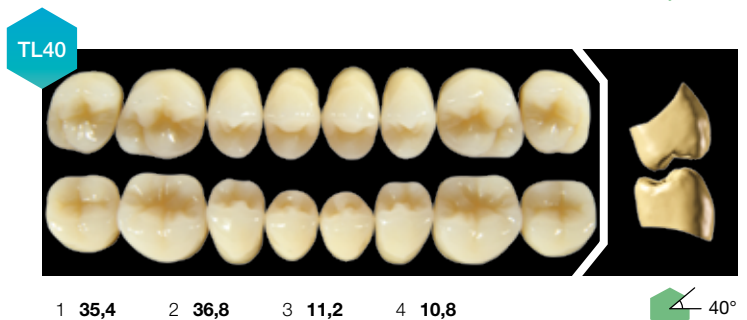
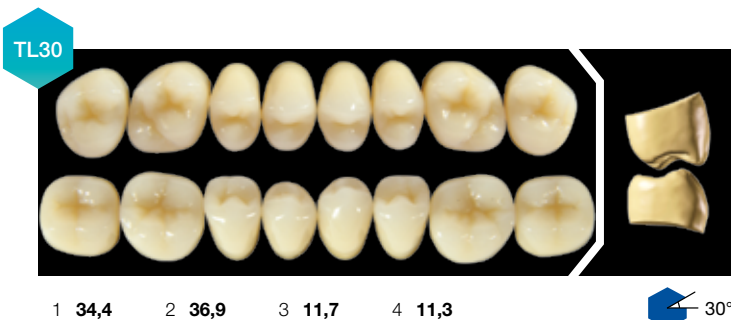
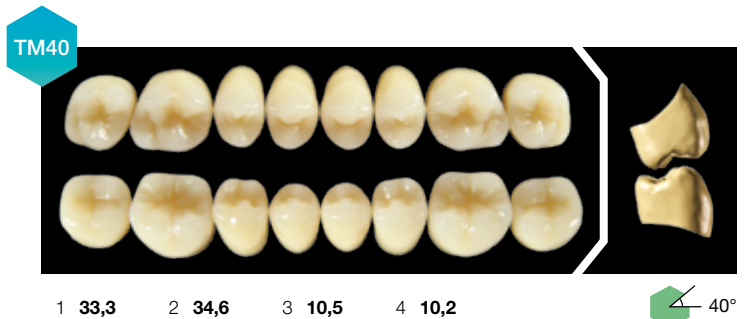
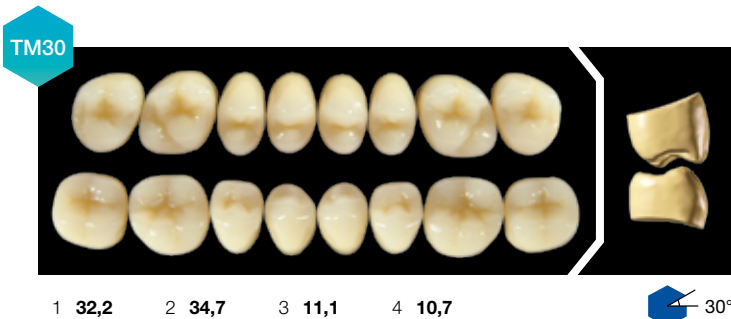
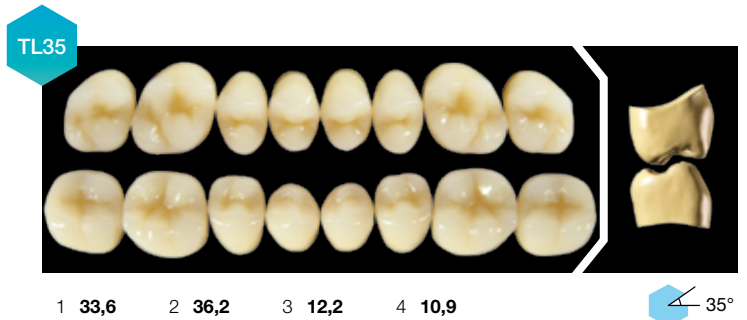
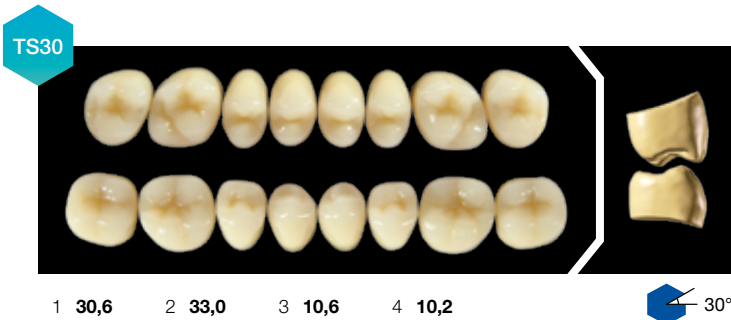
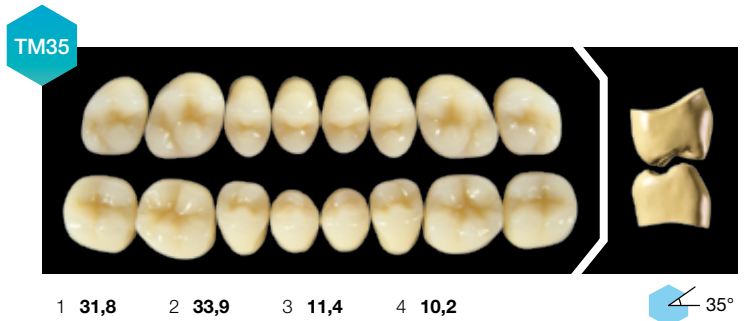
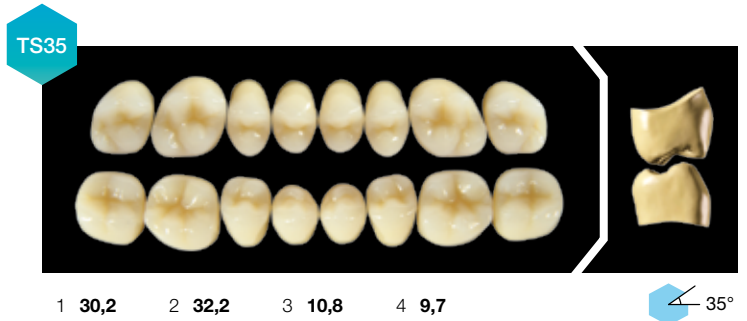
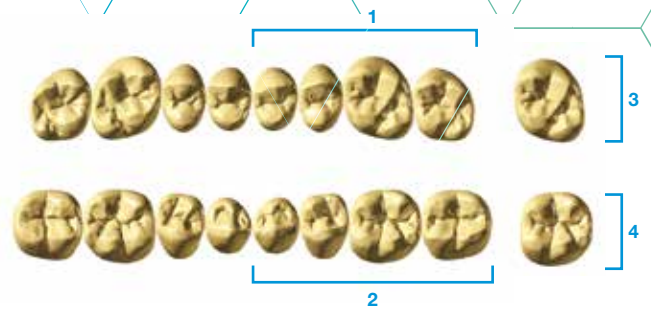
## cuspal angle



## articulation table\*

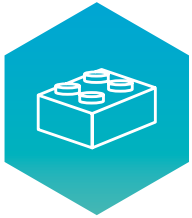
UPPER INCISORS	LOWER INCISORS	POSTERIOURS
TS1	TI1	TM30 - TM35 - TM40
TS3	TI3 - TI5	TL30 - TL35 - TL40
TS4	TI1	TM30 - TM35 - TM40
TS6	TI2	TL30 - TL35 - TL40
TS7	TI1	TM30 - TM35 - TM40
TS8	TI1	TL30 - TL35 - TL40
TS10	TI1 - TI2	TL30 - TL35 - TL40
TS11	TI2 - TI5	TL30 - TL35 - TL40
TS12	TI1	TM30 - TM35 - TM40
TS14	TI3 - TI6	TL30 - TL35 - TL40
TC15	TI4	TS30 - TM30 - TS35 - TM35 - TM40
TC18	TI4 - TI7	TS30 - TM30 - TS35 - TM35 - TM40
TC20	TI2 - TI7	TM30 - TM35 - TM40
TC25	TI3 - TI5	TL30 - TL35 - TL40
TC35	TI5	TL30 - TL35 - TL40

## Posteriors



\* The combination are indicative. The type of fitting and the clinical case may require different combinations.





## Versatile and variable resistance over time

Adaptable to the different work philosophies

Easy to transform into lithium di-silicate

**AcrySmart** can also be used to produce mobile prosthesis or a Toronto bridge with its own gnathologic concept or with that preferred by the author and above all to transform the PMMA material according to personal preferences.

The special molecular structure of **AcrySmart** allows the dental technician to transform resin teeth used for mounting directly into di-silicate or into glass-ceramics.

The transformation of **AcrySmart** into glass-ceramics or lithium di-silicate using Kera Casting Fast Ruthinium coating achieves perfectly smooth and compact surfaces.



