



PRODUITS DENTAIRE S.A.

**MANUFACTURERS OF HIGH-GRADE
DENTAL PRODUCTS
AND SPECIALITIES**

CATALOGUE N° 5

6th edition

CABLES: PRODENT VEVEY
TELEX: 451 153 prod ch
TEL: + 41 21 921 26 31
FAX: + 41 21 921 39 79

18, RUE DES BOSQUETS

VEVEY

SWITZERLAND

PRODUITS DENTAIRES S.A.



**MANUFACTURERS OF HIGH-GRADE DENTAL
PRODUCTS AND SPECIALITIES**

18, RUE DES BOSQUETS

VEVEY

SWITZERLAND

POSTAL ADDRESS :

P.O. BOX 795
CH-1800 VEEVEY SWITZERLAND

TELEPHONE :

NAT. CH (021) 921 26 31
INTERNAT. +41 21 921 26 31

TELEX :

451 153 PROD CH

FAX :

NAT. CH (021) 921 39 79
INTERNAT. +41 21 921 39 79

TELEGRAMS :

PRODENT VEEVEY

POSTAL ACCOUNT :

18 - 1067 - 7

BANKS IN VEEVEY :

BANQUE CANTONALE VAUDOISE
SWISS BANK CORPORATION
SWISS CREDIT BANK
UNION BANK OF SWITZERLAND

CATALOGUE N° 5

6th edition

"PD" CATALOGUE

N° 5

6th edition

"PD" CATALOGUE

N° 5

6th edition

PRODUITS DENTAIRES S.A.



**MANUFACTURERS OF HIGH-GRADE DENTAL
PRODUCTS AND SPECIALITIES**

18, RUE DES BOSQUETS

VEVEY

SWITZERLAND

POSTAL ADDRESS :

P.O. BOX 795
CH-1800 VEEVEY SWITZERLAND

TELEPHONE :

NAT. CH (021) 921 26 31
INTERNAT. +41 21 921 26 31

TELEX :

451 153 PROD CH

FAX :

NAT. CH (021) 921 39 79
INTERNAT. +41 21 921 39 79

TELEGRAMS :

PRODENT VEEVEY

POSTAL ACCOUNT :

18 - 1067 - 7

BANKS IN VEEVEY :

BANQUE CANTONALE VAUDOISE
SWISS BANK CORPORATION
SWISS CREDIT BANK
UNION BANK OF SWITZERLAND

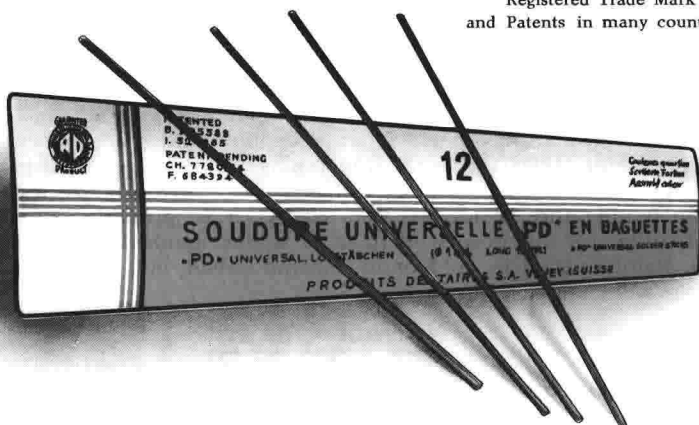
CATALOGUE N° 5

6th edition



Soldering simplified !

Registered Trade Mark
and Patents in many countries.



«PD» UNIVERSAL SOLDER STICKS

An indispensable auxiliary

for

***the Orthodontist, the Dental-Surgeon, the
Dental-Technician, the Optician, the Jeweller,
the Electronician, the Mecanic, etc.***



No additional flux, cleaning and tinning agents required ; they are contained in the stick.



«PD» Universal Solder

«PD» Universal Solder is a scientific combination of metal alloys presented in the shape of a tube with a diameter of 1 mm. and a length of 15 cm. which has been filled with flux and special cleaning and tinning agents. «PD» Universal Solder may be used to join practically any metal or alloy to a like or different metal or alloy as long as its fusion temperature is not less than 600° C. It is properly speaking the ideal solder for all those who have to solder stainless steel to stainless steel, stainless steel to gold or to chrome cobalt, etc.

Normal Quality

is used for current orthodontic work. It will also serve very well for temporary work, repairs and for study objects. Resistant against acetic, hydrochloric and sulphuric acid but attacked by nitric acid. In the mouth it offers the same resistance as 14 ct. Gold Solder.

Available in packings of 12 sticks, white colour, yellow colour or assorted colours.

The *white* colour is particularly suitable for stainless steel, chrome cobalt, etc.

The *yellow* colour will in preference be used for gold, Randolph metal, copper, brass, etc.

Quality Gold 18 ct.

is recommended for all precious work (gold bridges, gold and chrome cobalt skeletics etc.) On account of its very low point of fusion it may also be used advantageously for the covering of all porosities or other visible defects in a cast piece. Excellent resistance in the mouth.

Available in packings of 1 stick, white colour, yellow colour or reddish colour.

The *white* colour is specially suitable for stainless steel, chrome-cobalt, etc.

The *yellow* colour is most convenient for all gold, steel or chrome cobalt work.

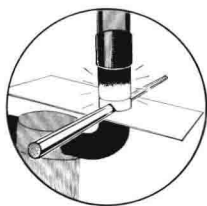
The *reddish* colour will in preference be used to gild chrome cobalt clamps and to cover the porosities of cast pieces.

Directions for use

Do not use additional flux, cleaning and tinning agents; they are contained in the stick in sufficient quantities. Heat parts to be soldered to 600° C.; apply the «PD» Universal Solder stick and your soldering is finished.



«PD» Universal Solder



round
3 mm. ϕ

oval
3 \times 6 mm.

In Pellets

«PD» Universal Solder is also available in the shape of round pellets of 3 mm. diameter, thickness 1 mm. and of oval pellets size 3 \times 6 mm and thickness 1 mm. These pellets have been specially conceived for electric soldering whereby a carbon tipped upper electrode is used. The pellets are grooved so as to facilitate their placing on a steel wire. No additional flux, cleaning and tinning agents required; they are contained in the pellet.

Packing : in packages of 25 pellets, either round shape or oval shape.

In stable Paste form

«PD» Universal Solder Paste is a scientific composition of minute particles of metal alloys, flux and special cleaning and tinning agents in the shape of a stable paste, easy to apply and economical in use. Particularly suitable to reinforce the inside of the triturating face of crowns and for all other laboratory work.

Packing : Normal quality in bottles of 15 grs. (about 10 dwts.) White or yellow colour.
Quality 18 ct. Gold in vials of 5 grs. White, yellow or reddish colour.



«PD» Asbestos Putty

Stable paste, very useful for the protection of surrounding acrylic parts from becoming damaged by the direct flame or heat while soldering.

Packing : in jar of 1 oz.

«PD» Asbestos Foil and Carton

«PD» Asbestos foil is available in sheets or rolls, 0,6 mm thick. Standard rolls are 30 mm wide. Also cut to order.

«PD» Asbestos carton is available in ten thicknesses from 1 to 10 mm, every mm. Original size 1 m \times 1 m. Cut to order.

«PD» Asbestos fibres

long, short and powder form

Long fibres are up to 15 mm long.

Short fibres are up to 2 mm long.

Powder form : bottle of 100 cc.

Packing : bottle of 100 cc.

«PD» Antiflux

Stable refractory paste to be used for painting the metal area surrounding parts to be soldered, thus offering protection against heat and oxidation.

Packing : in jar of 1 oz.



«PD» ORTHODONTIA SOLDERING LAMP



This lamp has been designed primarily for use with «PD» Universal Solder where manufactured or natural gas is unobtainable.

It makes all orthodontic soldering possible and facilitates notably the soldering of thin wires because alcohol produces sensitively less heat than gas. By blowing in the latex connecting tube, a needle point flame is obtained, the intensity of which can be adjusted as desired.

Fuel : pure alcohol 96° or «PD» Special Liquid Fuel.

Individually packed.

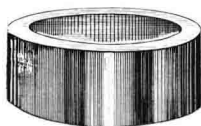
«PD» WOOD CHARCOAL BLOCK

For efficient soldering.
Dense, tough and not brittle.
Can be easily punctured.
Size : 140 x 70 x 30 mm.



Individually packed.

«PD» ASBESTOS CUP BLOCK



Now supplied in asbestos substitute

Moulded under very high pressure
to ensure long life.

ø 115 mm. Height 50 mm. Individually packed.



REVETOR



Gold Solder

A speciality produced in collaboration by :

METAUX PRECIEUX S.A., NEUCHÂTEL

and

PRODUITS DENTAIRES S.A., VEVEY



Characteristics: gold contents 690‰.
Colour: yellow.
Melting interval: 785-825° C = 1445-1515° F.
Diameter: ø 1 mm ; length 15 cm.
Flux incorporated.

REVETOR, a gold solder furnished in seamless tube shape filled with flux, has been specially designed for gold plating chrome-cobalt clasps and for soldering.

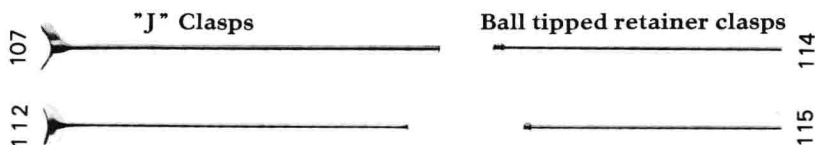
Directions for use: It is recommended to first clean with a fine grit abrasive disc the spot to be soldered. Secondly, heat the piece until the spot to be soldered has become sufficiently hot (dark red), then gently apply the tip of the solder stick.

Additional flux is neither necessary nor useful.

Packing: piece-wise.

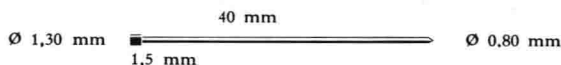


«PD» STAINLESS STEEL ORTHODONTIC HOOKS



Packing: 12 pieces of any one size in an envelope.

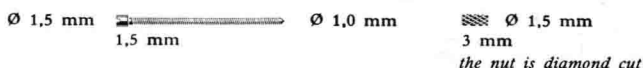
«PD» STAINLESS STEEL WIRE WITH SOLDERING TIP



Can be made to order in other sizes and also of brass wire.

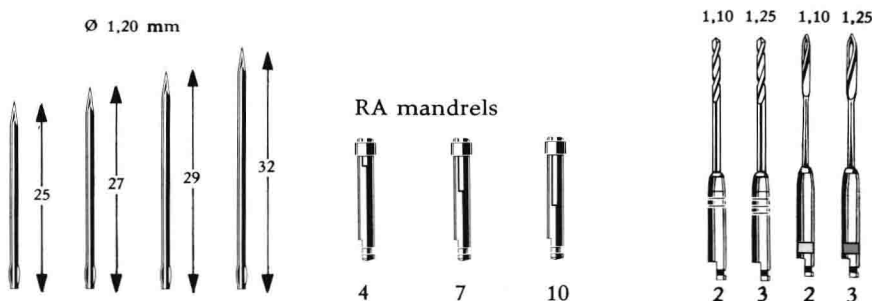
Packing: in box of 100 pieces.

«PD» STAINLESS STEEL ORTHODONTIC SCREW AND NUT



Packing: box of 100 sets.

«PD» TANTALUM NEEDLES



Packing:

Tantalum Needles: 6 pieces in an envelope.
RA Mandrels: set of 3 pieces.
Drills and reamers: 6 pieces on plastic rack

«PD» Screw post drills and reamers № 2-3 may often help.

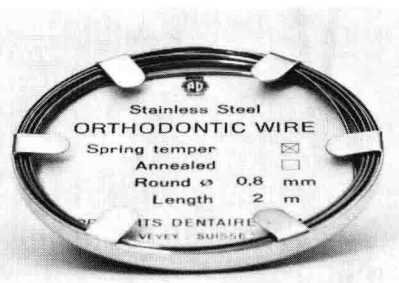


«PD» ORTHODONTIC STAINLESS STEEL WIRE

Stainless Steel Round wire

We supply our stainless steel wire for orthodontic purposes in soft, (annealed) and extra hard (spring hard) quality. Also available in packets of 12 straight lengths of 30 cm.

DIAMETER			Length of coil
Ø mm	Ø inches	Brit. std. gauge	
0,15	. 006	38	9 m
0,20	. 008	36	8 m
0,25	. 010	33	8 m
0,30	. 012	31	7 m
0,35	. 014	29	7 m
0,40	. 016	27	6 m
0,50	. 020	25	5 m
0,60	. 024	23	4 m
0,70	. 028	22	3 m
0,80	. 032	21	2 m
0,90	. 036	20	1 m
1,00	. 040	19	1 m
1,10	. 044		1 m
1,20	. 048	18	1 m
1,30	. 052		1 m
1,40	. 056	17	1 m
1,50	. 060		1 m
1,60	. 064	16	1 m
1,70	. 068		1 m
1,80	. 072	15	1 m
1,90	. 076		1 m
2,00	. 080	14	1 m



«PD» ORTHODONTIC STAINLESS STEEL TUBES

Our Stainless Steel tubes are precision made.
Available in packets of 12 straight lengths of 30 cm.

EXTERIOR DIAMETER			INTERIOR DIAMETER		WALL THICKNESS	
Ø mm	Ø inches	Brit. std. gauge	Ø mm	Ø inches	mm	inches
0,30	. 012	31	0,15	. 006	0,075	. 003
0,35	. 014	29	0,20	. 008	0,075	. 003
0,40	. 016	27	0,25	. 010	0,075	. 003
0,45	. 018	26	0,30	. 012	0,075	. 003
0,50	. 020	25	0,35	. 014	0,075	. 003
0,60	. 024	23	0,40	. 016	0,10	. 004
0,70	. 028	22	0,50	. 020	0,10	. 004
0,80	. 032	21	0,60	. 024	0,10	. 004
0,90	. 036	20	0,70	. 028	0,10	. 004
1,00	. 040	19	0,80	. 032	0,10	. 004
1,10	. 044		0,80	. 032	0,15	. 006
1,20	. 048	18	0,90	. 036	0,15	. 006
1,30	. 052		1,00	. 040	0,15	. 006
1,40	. 056	17	1,10	. 044	0,15	. 006
1,50	. 060		1,20	. 048	0,15	. 006
1,60	. 064	16	1,30	. 052	0,15	. 006
1,70	. 068		1,40	. 056	0,15	. 006
1,80	. 072	15	1,50	. 060	0,15	. 006
1,90	. 074		1,60	. 064	0,15	. 006
2,00	. 078	14	1,70	. 068	0,15	. 006



«PD» QUARTZ PLIERS

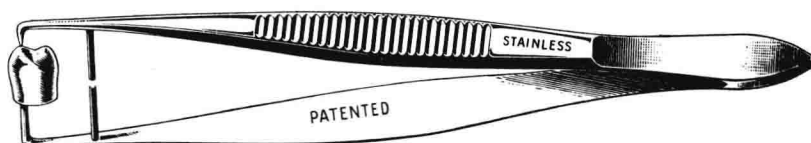
The tips of «PD» Quartz Pliers are :

- acid proof
- not affected by sudden changes of temperature
- replaceable
- solders will not adhere

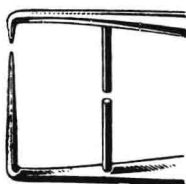
Presentation : One complete plier with quartz tips in cardboard box.

Extra quartz tips available in box of pair (2 pieces).

«PD» MIZ-TWEEZERS

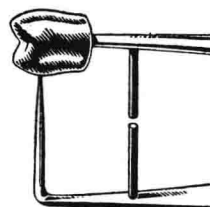


The «PD» Miz-Tweezer serves to evaluate the thickness of the wall and triturating faces of the crowns as well as to examine and check the size of the metal parts of bridges, inlays, etc.



The illustrations show how easy the check can be made. It is also possible to verify the polishing progress in order to prevent the metal from becoming too weak and too brittle.

Presentation : in cardboard box of one piece,



«PD» REGULATING RUBBER RINGS

for orthodontic use

Made in transparent latex.
Available in 5 sizes and 4 powers.

Packing:

bag of 100 pieces of any one size and power or assorted, five pieces each in a 20 compartment plastic box.

Size Ø _{ext.} mm	1/8" 3,17	3/16" 4,76	1/4" 6,34	5/16" 7,93	3/8" 9,52
Power 60g 2 oz	1	5	9	13	17
90g 3 oz	2	6	10	14	18
120g 4 oz	3	7	11	15	19
180g 6 oz	4	8	12	16	20

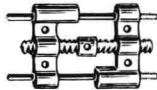
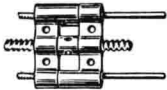


«PD» EXPANSION DEVICE

Description:

The housing parts are made of nickel brass alloy (German Silver). The precision screw with left and right thread is made of stainless steel. The screwhead has 4 holes for inserting the operating key.

For upper cases



For lower cases



dimensions:

closed 10 mm

open 16 mm

Mounting instructions:

Place the piece of aluminum band supplied with each device around the head and imbed it in the upper part of the flask. Condensing the acrylic material can then follow normally. See fig. 2.

Fig. 3 shows the finished plate, polished and cut in two halves. By turning the head of the screw with the key, the two halves of plate will be activated in parallel manner.

In each case the Orthodontist has, of course, to indicate the exact position where the expansion screw should be placed.



Fig. 2

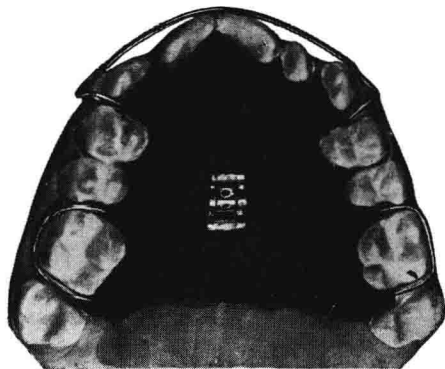


Fig. 3



«PD» TEMPORARY CEMENT

PASTE FORM IN JARS

Formula :

Zincum oxydatum, zincum sulfuricum, excipients.

Description :

«PD» TEMPORARY CEMENT is antiseptic and gives a perfect filling without irritating the pulpa or the gums. It can be inserted just as well into a wet as into a dry cavity and it does therefore not need any particular care. Hardens after a few minutes in oral secretions and although impermeable and of excellent consistency, it can be removed easily with an explorer.

Indications :

It is the ideal temporary seal for all medicaments and facilitates greatly the work of the dentist.

Directions for use :

«PD» TEMPORARY CEMENT is ready for use and supplied in jars, which makes it easy to take out the required small quantities. Although the material is not hygroscopic, we recommend to close jar well after every use so as to keep the product in a condition of perfect conservation.

Packing :

In opal jars of $\frac{1}{4}$ oz.