

3.0. Vector

Identification System

By quadrant with a removable color code dot and permanently by a recessed I.D. mark

Micro-Cast Bracket Body

For precise slot dimensions

Permanent Vertical Scribe Line

Facilitates more accurate bracket placement on the long axis

Ample Under Tie-Wing Area

The ideal profile for fast, easy and secure ligation.

As Much as 50% Higher Bond Strength when compared to brackets with 100 gauge mesh pads



Fully Integrated Ball Hooks

Facilitates easy and secure engagement of elastics. No extra charge for ball hooks

Manufactured from High Quality 14-4 Stainless Steel

Unsurpassed bracket body strength

Torque in Base Design

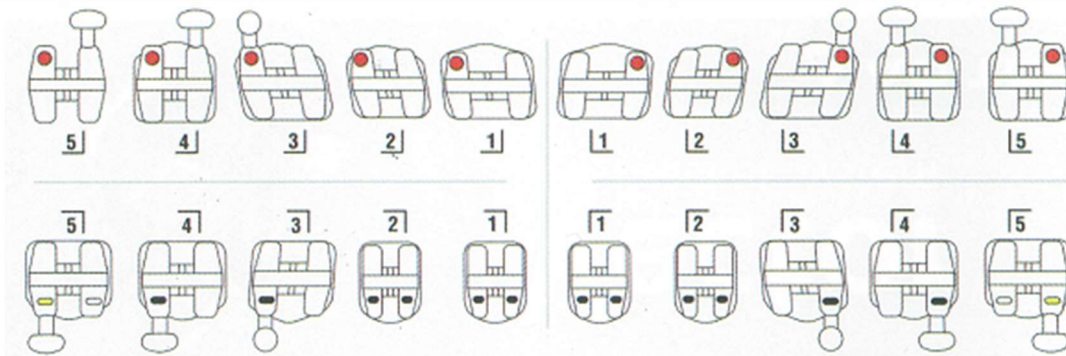
Delivers level slot

Palladium Alloy Brazing

For superior bracket to base bond strength

80 Gauge Foil Mesh Bonding Base

Ensure maximum bond strength



The high grade of resistance and the use of the stainless surgery suspender 17-4 allows us to reduce the size of the brackets up to 30%. This eliminates the wall and the bigger parts of the pieces.

- Synchronized medium line with a long clinic axle.
- Treatment to facilitate placement.
- Permanent Identification Code Hook is fully integrated to the part.
- Rounded wings for the comfort of the patient.
- High quality coating will assure the perfect union of the pieces.
- Accuracy in the slot dimension and in-out movement Accurate space under the wings for the ligature and auxiliaries. - Torque in the base with compound radius for perfect tooth attachment

3.1. Vector Line Roth

Maxillary	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Centrals	+12°	+5°		3.9	462-201	462-202	462-301	462-302
Laterals	+8°	+9°		3.3	462-211	462-212	462-311	462-312
Cuspid w/Hook	0°	+11°		3.5	462-221	462-222	462-321	462-322
Bicuspid w/ Hook	-7°	0°		3.3	462-231	462-232	462-331	462-332
Bicuspid	-7°	0°		3.3	462-233	462-233	462-333	462-333

Mandibular	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Anterior	0°	0°		2.5	462-245	462-245	462-345	462-345
Cuspid w/Hook	-11°	+5°		3.5	462-251	462-252	462-351	462-352
1° Bicuspid w/Hook	-17°	0°		3.3	462-261	462-262	462-361	462-362
1° Bicuspid	-17°	0°		3.3	462-263	462-264	462-363	462-364
2° Bicuspid w/Hook	-22°	0°		3.3	462-271	462-272	462-371	462-372
2° Bicuspid	-22°	0°		3.3	462-273	462-274	462-373	462-374

A962-203 - Kit Patient .018 w/hook 3/4/5 Pkg.20

A962-204 - Kit Patient .018 Cuspid w/h Pkg.20

A962-303 - Kit Patient .022 3-4-5 w/h Pkg.20

A962-304 - Kit Patient .022 Cuspid w/h Pkg.20

AEL Orthodontics version is not a copy and does not necessarily intend the approval of Dr. Sato.

3.2. Vector Line Roth Vertical Slot

Maxillary	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Centrals	+12°	+5°		3.9	274-201	274-202	274-301	274-302
Laterals	+8°	+9°		3.3	274-211	274-212	274-311	274-312
Cuspid w/Hook	0°	+11°		3.5	274-221	274-222	274-321	274-322
Bicuspid w/ Hook	-7°	0°		3.3	274-231	274-232	274-331	274-332
Bicuspid	-7°	0°		3.3	274-233	274-233	274-333	274-333

Mandibular	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Anterior	0°	0°		2.5	274-245	274-245	274-345	274-345
Cuspid w/Hook	-11°	+5°		3.5	274-251	274-252	274-351	274-352
1° Bicuspid w/Hook	-17°	0°		3.3	274-261	274-262	274-361	274-362
1° Bicuspid	-17°	0°		3.3	274-263	274-264	274-363	274-364
2° Bicuspid w/Hook	-22°	0°		3.3	274-271	274-272	274-371	274-372
2° Bicuspid	-22°	0°		3.3	274-273	274-274	274-373	274-374

A974-913 - Kit Patient .018 vertical Slot whit Cuspid Hooks

A974-916 - Kit Patient .022 vertical Slot whit Cuspid Hooks

AEL Orthodontics version is not a copy and does not necessarily intend the approval of Dr. Roth.

3.3. Vector Line M.B.T.

Maxillary	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Centrals	+17°	+4°		3.9			488-301	488-302
Laterals	+10°	+8°		3.3			488-311	488-312
Cuspid w/Hook	-7°	+8°		3.5			488-321	488-322
Cuspid w/Hook	0°	+8°		3.5			488-323	488-324
Bicuspid w/ Hook	-7°	0°		3.3			488-331	488-332
Bicuspid	-7°	0°		3.3			488-333	488-333

Mandibular	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Anterior	-6°	0°		2.5			488-345	488-345
Cuspid w/Hook	-6°	+5°		3.5			488-351	488-352
Cuspid w/Hook	0°	+3°		3.5			488-353	488-354
1° Bicuspid w/Hook	-12°	2°		3.3			488-361	488-362
1° Bicuspid	-12°	2°		3.3			488-363	488-364
2° Bicuspid w/Hook	-17°	2°		3.3			488-371	488-372
2° Bicuspid	-17°	2°		3.3			488-373	488-374

A988-303 - Kit Patient .022 w/Hooks 3/4/5 Pkg.20

A988-310 - Kit Patient .022 w/Hooks 3/4/5 Cuspid Mod. Pkg.20

A988-304 - Kit Patient .022 w/Hooks Cuspid Pkg.20

A988-311 - Kit Patient .022 w/Hooks Cuspid Mod. Pkg.20

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3.4. Vector Line Ricketts

Maxillary	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Centrals	+22°	+5°		3.9	490-201	490-202		
Laterals	+14°	+9°		3.3	490-211	490-212		
Cuspid w/Hook	+7°	+5°		3.5	490-221	490-222		
1°-2° Bicuspid w/ Hook	0°	0°		3.3	490-231	490-232		
1°-2° Bicuspid NO/Hook	0°	0°		3.3	490-233	490-233		

Mandibular	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Anterior	0°	0°		2.5	490-245	490-245		
Cuspid w/Hook	+7°	+5°		3.5	490-251	490-252		
1° Bicuspid w/Hook	0°	0°		3.3	490-261	490-262		
1°-2° Bicuspid NO/Hook	0°	0°		3.3	490-263	490-264		
2° Bicuspid w/Hook	0°	0°		3.3	490-271	490-272		
2° Bicuspid	0°	0°		3.3	490-273	490-274		

A990-203 - Kit Patient .018 w/Hook 3/4/5 Pkg.20

A990-204 - Kit Patient .018 w/Hook Cuspid Pkg.20

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3.5. Vector Line Edgewise Standard

Maxillary	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Centrals	0°	0°		3.9	204-201	204-201	204-301	204-301
Laterals	0°	0°		3.3	204-202	204-202	204-302	204-302
Cuspid NO/hook	0°	0°		3.5	204-203	204-203	204-303	204-303
Bicuspid	0°	0°		3.3	204-205	204-205	204-305	204-305
Mandibular	Torque	Angle	H	W	Reference Code		Reference Code	
					Slot 0,18		Slot 0,22	
					Right	Left	Right	Left
Anterior	0°	0°		2.5	204-210	204-210	204-310	204-310
Cuspid NO/hook	0°	0°		3.3	204-203	204-203	204-303	204-303
1°/2° Bicuspid	0°	0°		3.3	204-205	204-205	204-305	204-305

A904-204 - Kit Edg. Std. .018 w/No Hooks Pkg.20

A904-304 - Kit Edg. Std. .022 w/No Hooks Pkg.20

3.6. Vector Line Sato Technique

Maxillary	Torque	Angle	H	W	Reference Code	
					Slot 0,18	Slot 0,22
Centrals	0°	0°	1.4	4.1	204-151	
Laterals	0°	0°	1.4	3.3	204-152	
Cuspid	0°	0°	1.4	3.7	204-153	
1°/2° Bicuspid	0°	0°	1.8	3.3	204-155	
Mandibular	Torque	Angle	H	W	Reference Code	
					Slot 0,18	Slot 0,22
Anterior	0°	0°	1.6	2.5	204-156	
Cuspid	0°	0°	1.4	3.7	204-153	
1°/2° Bicuspid	0°	0°	1.8	3.3	204-155	

