

## PRODUCT DATA SHEET

- Expansion Screws -

| VECTOR<br>40     | VECTOR<br>50     | VECTOR<br>80     | VECTOR<br>90     | VECTOR<br>100    | VECTOR<br>140    | VECTOR<br>160    | VECTOR<br>190    | VECTOR<br>200    | VECTOR<br>350    |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Art.-No.<br>2486 | Art.-No.<br>2489 | Art.-No.<br>2490 | Art.-No.<br>2491 | Art.-No.<br>2492 | Art.-No.<br>2494 | Art.-No.<br>2496 | Art.-No.<br>2497 | Art.-No.<br>2498 | Art.-No.<br>2509 |

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|--|--|---|
| 1. Body<br>2. Spindle<br><br>3. Pins<br>4. Arrows<br>5. Space Maintainer | Material: New Silver NS10Pb<br>Material: 1.4305<br><br>Material: 1.4305<br>Material: Polyethylen (PE)<br>Material: Polyethylen (PE)<br>Material: Wax (for Art.-No. 2486) | Analysis „Metall“ pls. see page 3<br>  Prepared galvanically: Galvanic layer consisting of Palladium (Pd) and Gold (Au)<br> <br> <br> |
|--|--|---|

| VECTOR 400    | VECTOR 420    | VECTOR 440    | VECTOR 460    | VECTOR 500    | VECTOR 520   |
|---------------|---------------|---------------|---------------|---------------|--------------|
| Art.-No. 2510 | Art.-No. 2512 | Art.-No. 2514 | Art.-No. 2516 | Art.-No. 2520 | Art.-No.2522 |

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|---|---|---|
| 1. Body<br>2. Spindle<br><br>3. Bar<br>4. Arrows<br>5. Space Maintainer | Material: New Silver NS10Pb<br>Material: 1.4305<br><br>Material: 1.4305<br>Material: Polyethylen (PE)<br>Material: Polyethylen (PE) | Analysis „Metall“ pls. see page 3<br>  Prepared galvanically: Galvanic layer consisting of Palladium (Pd) and Gold (Au)<br> <br> <br> |
|---|---|---|

| VECTOR<br>600 | VECTOR<br>620 | VECTOR<br>720 | VECTOR<br>730 | VECTOR<br>800 | VECTOR<br>820 |
|---------------|---------------|---------------|---------------|---------------|---------------|
| Art.-No. 2524 | Art.-No. 2526 | Art.-No. 2530 | Art.-No. 2532 | Art.-No. 2533 | Art.-No. 2534 |

- |  |  |  |
|--|--|--|
| 1: Body<br>2. Spindle<br>3. Pins<br>4. Arms<br>5. Insert Nut<br>6. Arrow | Material: 1.4305<br>Material: 1.4305<br>Material: 1.4305<br>Material: 1.4310<br>Material: Polyamid<br>laser welded | Analysis „Metall“ pls. see page 3<br> <br> <br> <br> |
|--|--|--|

| STEADY PRESS LILIPUT | STEADY-PRESS PICCOLO |
|----------------------|----------------------|
| Art.-No. 2081        | Art.-No. 2082        |

- |   |   |   |
|---|---|---|
| 1. Screws<br>2. Screw Thread Guide<br>3. Stainless Steel Tube | Material: 1.4305<br>Material: Polycarbonat (PC)<br>Material: 1.4301 | Analysis „Metall“ pls. see page 3<br> <br>  Analysis „Metall“ pls. see page 3 |
|---|---|---|

## PRODUCT DATA SHEET

- Expansion Screws -

| STEADY PRESS UNI m |               |               |
|--------------------|---------------|---------------|
| Art.-No. 2087      | Art.-No. 2088 | Art.-No. 2089 |

- |                          |                             |                                   |
|--------------------------|-----------------------------|-----------------------------------|
| 1. Insert Nut of Spindle | Material: 1.4305            | Analysis „Metall“ pls. see page 3 |
| 2. Screw Thread Guide    | Material: Polycarbonat (PC) |                                   |
| 3. Stainless Steel Tube  | Material: 1.4301            | Analysis „Metall“ pls. see page 3 |
| 4. Space Maintainer      | Material: Polyethylen (PE)  |                                   |

| STEADY PRESS Steady-Bügel |
|---------------------------|
| Art.-No. 2047             |

|                  |                                   |
|------------------|-----------------------------------|
| Material: 1.4301 | Analysis „Metall“ pls. see page 3 |
|------------------|-----------------------------------|

| STEADY PRESS Teleskop |      |      |      |
|-----------------------|------|------|------|
| 2095                  | 2096 | 2097 | 2098 |

- |                               |                             |                                   |
|-------------------------------|-----------------------------|-----------------------------------|
| 1. Insert Nut of the spindles | Material: 1.4305            | Analysis „Metall“ pls. see page 3 |
| 2. Bar                        | Material: 1.4310            |                                   |
| 3. Screw Thread Guide         | Material: Polycarbonat (PC) |                                   |
| 4. Arrow                      | Material: Polyethylen (PE)  |                                   |
| 5. Space Maintainer           | Material: Polyethylen (PE)  |                                   |

**PRODUCT DATA SHEET**

- Expansion Screws -

| <b><i>Alloy Components 1.4301:</i></b> |   |               | <b><i>Alloy Components 1.4305:</i></b>           |   |             |
|--|---|---------------|--|---|-------------|
| C                                      | ≤ | 0,07 %        | C  | < | 0,15 %      |
| Si                                     | ≤ | 1,00 %        | Cr   | = | 17,0-19,0 % |
| Mn                                     | ≤ | 2,00 %        | Mn   | < | 2,0 %       |
| P                                      | ≤ | 0,045 %       | Mo   | = | ---         |
| S                                      | ≤ | 0,030 %       | Ni   | = | 8,0-10,0 %  |
| Cr                                     | = | 17,00-19,00 % | N  | = | ---         |
| Mo                                     | = | ---           | Si   | < | 1,0 %       |
| Ni                                     | = | 8,50-10,50 %  | P  | < | 0,045 %     |
| V                                      | = | ---           | S  | < | 0,15-0,35 % |
| Others                                 | = | ---           | Others   | = | ---         |
| Fe                                     | = | Rest          | Fe   | = | Rest        |
| <b><i>Alloy Components 1.4310:</i></b> |   |               | <b><i>Alloy Components Neusilber Ns10Pb:</i></b> |   |             |
| C                                      | = | 0,08-0,14 %   | Cu   | = | 46-48 %     |
| Si                                     | ≤ | 1,50 %        | Ni   | = | 9-11 %      |
| Mn                                     | ≤ | 2,00 %        | Zn   | = | 40-42 %     |
| P                                      | ≤ | 0,045 %       | Pb   | = | 0,5-1,5 %   |
| S                                      | ≤ | 0,030 %       |  |   |             |
| Cr                                     | = | 16,00-18,00 % |  |   |             |
| Mo                                     | ≤ | 0,80 %        |  |   |             |
| Ni                                     | = | 6,50-9,00 %   |  |   |             |
| V                                      | = | ---           |  |   |             |
| Others                                 | = | ---           |  |   |             |
| Fe                                     | = | Rest          |  |   |             |