

Product Data Sheet
- Expansion Screws -

VECTOR 30	VECTOR 40	VECTOR 50	VECTOR 80	VECTOR 90	VECTOR 100	VECTOR 140	VECTOR 160	VECTOR 190	VECTOR 200	VECTOR 350
REF 2484	REF 2486	REF 2489	REF. 2490	REF 2491	REF 2492	REF 2494	REF. 2496	REF. 2497	REF 2498	REF 2509

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|------------------------|---|-------------------------------|
| 1. Body | Material: Nickel silver NS10Pb – by galvanic refinement:
Galvanic layer: Made from nickel (Ni), Palladium (Pd) and gold (Au) | |
| | | Material analysis „metal“ p.3 |
| 2. Spindles | Material: 1.4305 | |
| 3. Pins | Material: 1.4305 | |
| 4. Arrows | Material: Polyethylene (PE)
laser (for REF 2486) | |
| 5. Space holder (aux.) | Material: Polyethylene (PE)
Material: Wax (for REF 2486) | |

VECTOR 400	VECTOR 420	VECTOR 440	VECTOR 460	VECTOR 500	VECTOR 520
REF 2510	REF 2512	REF 2514	REF 2516	REF 2520	REF 2522

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|------------------------|---|-------------------------------|
| 1. Body | Material: Nickel silver NS10Pb – by galvanic refinement:
Galvanic layer: Made from nickel (Ni), Palladium (Pd) and gold (Au) | |
| | | Material analysis „metal“ p.3 |
| 2. Spindles | Material: 1.4305 | |
| 3. Arcs | Material: 1.4305 | |
| 4. Arrows | Material: Polyethylene (PE)
laser (for REF 2520 & 2522) | |
| 5. Space holder (aux.) | Material: Polyethylene (PE) | |

VECTOR 450	VECTOR 720	VECTOR 730	VECTOR 740	VECTOR 750
REF 2515	REF 2530	REF 2532	REF 2540	REF 2542

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|------------------------|---|-------------------------------|
| 1. Body | Material: 1.4305 | Material analysis „metal“ p.3 |
| 2. Spindles | Material: 1.4305 | |
| 3. Pins | Material: 1.4305 | |
| 4. Arms | Material: 1.4310 | Material analysis „metal“ p.3 |
| 5. Arrow | Material: Polyethylene (PE) | |
| 6. Space holder (aux.) | Material: Wax
Polyethylene (PE) (for REF 2515) | |

VECTOR 600	VECTOR 620	VECTOR 800	VECTOR 820
REF 2524	REF 2526	REF 2533	REF 2534

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|-------------|---------------------|-------------------------------|
| 1. Body | Material: 1.4305 | Material analysis „metal“ p.3 |
| 2. Spindles | Material: 1.4305 | |
| 3. Pins | Material: 1.4305 | |
| 4. Arms | Material: 1.4310 | Material analysis „metal“ p.3 |
| 5. Bushing | Material: Polyamide | |
| 6. Arrow | laser | |

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VECTOR 900	
REF 2536	

1. Body	Material: 1.4305	Material analysis „metal“ p.3
2. Spindles	Material: 1.4305	
3. Pins	Material: 1.4305	
4. Bars	Material: 1.4542	Material analysis „metal“ p.3
4. Arrow	laser	
5. Space holder	Material: Polyethylene (PE)	

VECTOR piston spring screw and accessories				
REF 2477	REF 2478	REF 2479	REF 2480	REF 2481

1. Body	Material: 1.4305	Material analysis „metal“ p.3
2. thrust piece	Material: 1.4305	
3. Spring	Material: 1.4310	Material analysis „metal“ p.3
4. mounting screw	Material: 1.4305	
5. serrated housing nut	Material: 1.4305	

STEADY PRESS LILIPUT		STEADY-PRESS PICCOLO	
REF 2081		REF 2082	

1. Screw	Material: 1.4305	Material analysis „metal“ p.3
2. Thread	Material: Polycarbonate (PC)	
3. Tube	Material: 1.4301	Material analysis „metal“ p.3

STEADY PRESS UNI m		
REF 2087	REF 2088	REF 2089

1. Spindle	Material: 1.4305	Material analysis „metal“ p.3
2. Thread	Material: Polycarbonate (PC)	
3. Tubes	Material: 1.4301	Material analysis „metal“ p.3
4. Space holder (aux.)	Material: Polyethylene (PE)	

STEADY PRESS Steady-Bar	
REF 2047	

Material: 1.4301	Material analysis „metal“ p.3
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STEADY PRESS Telescope			
2095	2096	2097	2098

1. Thread	Material: 1.4305	Material analysis „metal“ p.3
2. Bar	Material: 1.4310	Material analysis „metal“ p.3
3. Thread	Material: Polycarbonate (PC)	
4. Arrow	Material: Polyethylene (PE)	
5. Space holder	Material: Polyethylene (PE)	

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Alloy composition 1.4301:			Alloy composition 1.4305:		
C	≤	0,07 %	C	≤	0,10 %
Si	≤	1,00 %	Si	≤	1,00 %
Mn	≤	2,00 %	Mn	≤	2,00 %
P	≤	0,045 %	P	≤	0,045 %
S	≤	0,015 %	S	≤	0,15 - 0,35 %
Cr	=	17,50 - 19,50 %	Cr	=	17,00 - 19,00 %
Mo	=	---	Mo	=	---
Ni	=	8,00 - 10,50 %	Ni	=	8,00 - 10,00 %
V	=	---	V	=	---
Other	=	N ≤ 0,11 %	Other	=	Cu ≤ 1,00 %; N ≤ 0,11 %
Fe	=	Residue	Fe	=	Residue
Alloy composition 1.4310:			Alloy composition nickel silver NS10Pb:		
C	=	0,05 – 0,15 %	Cu	=	54,00 – 58,00 %
Si	≤	2,00 %	Ni	=	11,00 – 13,00 %
Mn	≤	2,00 %	Pb	=	0,50 – 1,50 %
P	≤	0,045 %	Fe	=	max. 0,30 %
S	≤	0,015 %	Mn	=	max. 0,50 %
Cr	=	16,00 -19,00 %	Sn	=	max. 0,20 %
Mo	≤	0,80 %	Zn	=	Residue
Ni	=	6,00 - 9,50 %			
V	=	---			
Other	=	N ≤ 0,11 %			
Fe	=	Residue			
Alloy composition 1.4542:					
C	≤	0,07 %			
Si	≤	0,70 %			
Mn	≤	1,50 %			
P	≤	0,04 %			
S	≤	0,015 %			
Cr	=	15,00 -17,00 %			
Mo	≤	0,60 %			
Ni	=	3,00 – 5,00 %			
V	=	---			
Nb	=	5xC – 0,45 %			
Other	=	Cu 3,00 - 5,00 %			
Fe	=	Residue			