Product Data Sheet

- Expansion Screws -

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

1. Body	Material: Nickel silver N32 – by galvanic refinement: Galvanic layer: Made from nickel (Ni) and Palladium (Pd)	| Material analysis „metal“ p.4
2. Spindles	Material: 1.4305	|
3. Pins	Material: 1.4305	|
4. Arrows	Material: Polyethylene (PE)	
5. Space holder (aux.)	Material: Polyethylene (PE)	

VECTOR 40	VECTOR 45
REF 2486	REF 2487

1. Body	Material: Nickel silver N32 – by galvanic refinement: Galvanic layer: Made from nickel (Ni) and Palladium (Pd)	| Material analysis „metal“ p.4
2. Spindles	Material: 1.4305	|
3. Pins	Material: 1.4310 (1400 – 1600 N/mm²)	|
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	TFA
REF 2510	REF 2512	REF 2514	REF 2516	REF 2520	REF 2522	REF 5329

1. Body	Material: Nickel silver N32 – by galvanic refinement: Galvanic layer: Made from nickel (Ni) and Palladium (Pd)	
2. Spindles	Material: 1.4305	| Material analysis „metal“ p.4
3. Arcs	Material: 1.4305	|
4. Arrows	Material: Polyethylene (PE) laser (for REF 2520 & 2522 & 5329)	
5. Space holder (aux.)	Material: Polyethylene (PE)	

VECTOR 450
REF 2515

1. Body	Material: 1.4305	| Material analysis „metal“ p.4
2. Spindles	Material: 1.4305	|
3. Bar	Material: 1.4305	|
4. Arrow	Material: Polyethylene (PE)	
5. Space holder (aux.)	Material: Polyethylene (PE)	

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VECTOR 720	VECTOR 730	VECTOR 740	VECTOR 750
REF 2530 (from LOT 1624A)	REF 2532 (from LOT 1524A)	REF 2540	REF 2542

1. Body	Material: 1.4404	| Material analysis „metal“ p.4
2. Spindles	Material: 1.4305	| Material analysis „metal“ p.4
3. Pins	Material: 1.4305	|
4. Thread	Material: 1.4305	|
5. Arrow	Material: Polyethylene (PE)	
6. Space holder	Material: Polyethylene (PE)	

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

1. Body	Material: 1.4301	| Material analysis „metal“ p.4
2. Spindles	Material: 1.4305	|
3. Pins	Material: 1.4305	|
4. Arms	Material: 1.4310	| Material analysis „metal“ p.4
5. Bushing	Material: Polyamide	
6. Arrow	laser	

VECTOR 900
REF 2536

1. Body	Material: 1.4305	| Material analysis „metal“ p.4
2. Spindles	Material: 1.4305	|
3. Pins	Material: 1.4305	|
4. Bars	Material: 1.4542	| Material analysis „metal“ p.4
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.4
2. thrust piece	Material: 1.4305	|
3. Spring	Material: 1.4310	| Material analysis „metal“ p.4
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.4
2. Thread	Material: Polycarbonate (PC)	
3. Tube	Material: 1.4301	| Material analysis „metal“ p.4

Product Data Sheet
- Expansion Screws -

STEADY PRESS UNI m		
REF 2087	REF 2088	REF 2089

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

STEADY PRESS Steady-Bar
REF 2047

Material: 1.4301	| Material analysis „metal“ p.4

STEADY PRESS Telescope			
REF 2095	REF 2096	REF 2097	REF 2098

1.Thread	Material: 1.4305	| Material analysis „metal“ p.4
2. Bar	Material: 1.4310	| Material analysis „metal“ p.4
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 N32:***		
C	=	0,05 – 0,15 %	Cu	=	56,00 – 58,00 %
Si	≤	2,00 %	Ni	=	12,00 %
Mn	≤	2,00 %	Pb	=	0,50 – 1,00 %
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 1.4404:			***Alloy composition 1.4542:***		
C	≤	0,03 %	C	≤	0,07 %
Si	≤	1,00 %	Si	≤	0,70 %
Mn	≤	2,00 %	Mn	≤	1,50 %
P	≤	0,045 %	P	≤	0,04 %
S	≤	0,015 %	S	≤	0,015 %
Cr	=	16,50 - 18,00 %	Cr	=	15,00 - 17,00 %
Mo	=	2,00 – 2,50 %	Mo	≤	0,60 %
Ni	=	10,00 - 13,00 %	Ni	=	3,00 - 5,00 %
V	=	---	V	=	---
Other	=	N ≤ 0,11 %	Nb	=	5xC – 0,45 %
Fe	=	Residue	Other	=	Cu 3,00 – 5,00 %
			Fe	=	Residue