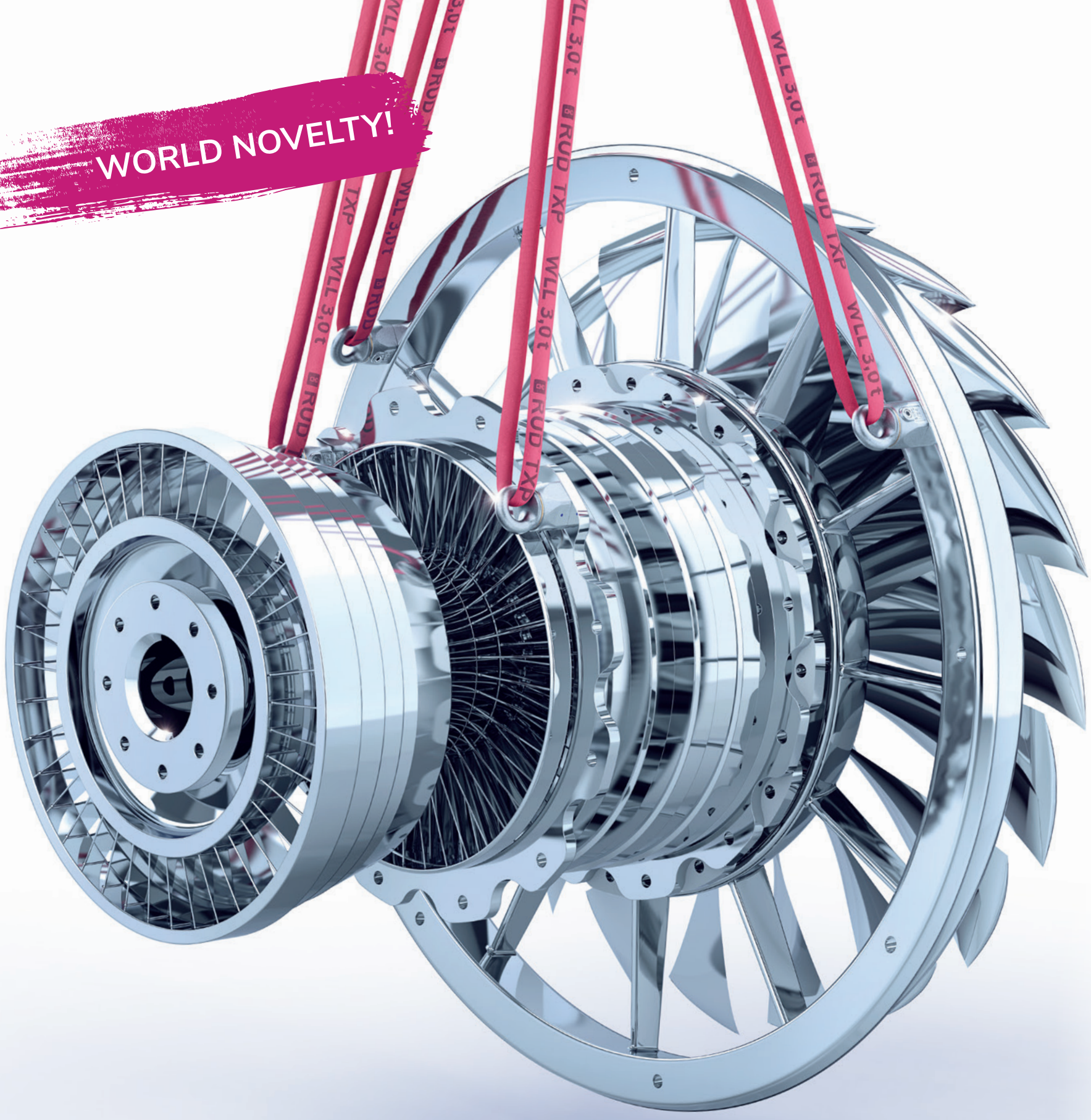
RUD®

PROTECTS.
LIFTS.
MOVES.

First textile lifting point with tested and guaranteed total WLL.

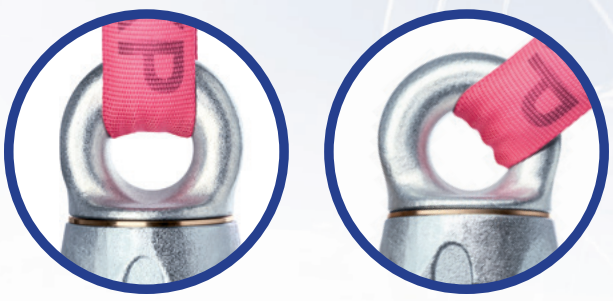
The new TXP-Texolution-Point.

WORLD NOVELTY!



TEXTILE MEETS STEEL.

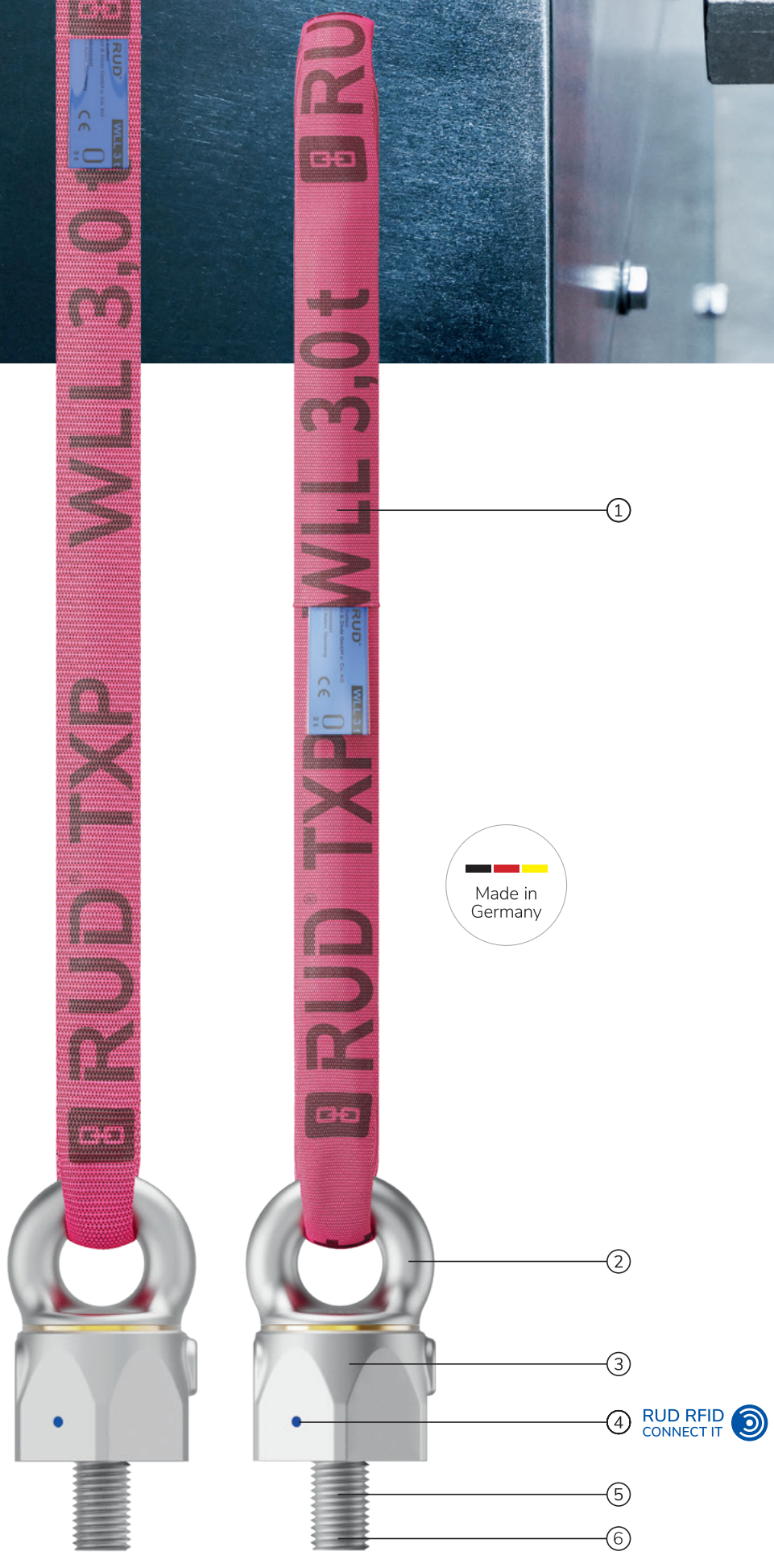
TXP-Texolution-Point: the textile lifting point for the protection of surfaces and loads.



Painted, chrome-plated, sensitive: especially when lifting loads with high-quality, f.e. class A surfaces worth protecting, there is a risk of damage, for example from chains, chain components, shackles and hooks. Loss of value, functional impairment and costly reworking are often the consequences. Our solution: the new TXP-Texolution-Point. Its round sling reduces the risk of damaging contacts between steel components of the lifting means and the sensitive load surface. Thus, surfaces are protected, values are preserved, and efficiency increases.

The TXP-Texolution-Point: strength where you need it.

- Reliable protection of load surfaces.
- Unique: safety through guaranteed and tested load-bearing capacity (WLL) for the entire system.
- Avoidance of accidents and damages caused by risky and untested own solutions.
- Weight saving due to textile high-tech component.
- Flexible in use: two lengths and three thread sizes available as standard – further sizes on request.



TWO WORLDS – INNOVATIVELY CONNECTED.

WLL guaranteed for the entire system: the TXP-Texolution-Point in detail.

From the textile to the bolt: our engineers have been working intensively for a long time with the optimal force transfer from the steel eyelet to the textile round sling. This is the critical point of the system, because unfavourable radii and improper connections can lead to a significant reduction in the load-bearing capacity (WLL) of the textile round sling. This is where RUD comes in with a ready-made solution and a completely newly developed eyelet design. It ensures optimum force transmission that is gentle on the textile at this tricky point.

In addition, with the innovative TXP-Texolution-Point, you are relying on high tech from RUD. The round sling is made of state-of-the-art, high-performance fibres and is available in two lengths for flexible use. The bolt uses RUD's patented ICE material [1], which is characterized by maximum strength combined with particularly high toughness. Two more good reasons why we can guarantee the WLL of the entire TXP-Texolution-Point system.

① Textile sling made of high-tech material – lengths 0.5 m / 1.0 m.
② Eyelet design with radii and transitions optimally designed for the textile sling – no adverse deformation effect of the textile.
③ Ball bearing for smooth rotating and turning.
④ Integrated RFID transponder to make product checks easier.
⑤ Captive and interchangeable bolt, sizes M16/M20/M24 – available as UNC, UNF and fine thread.
⑥ ICE-BOLT [1]: maximum strength with particularly high toughness.

[1] Deviating grade also possible for special dimensions.

MAINTAIN VALUES, AVOID COSTS.

Use the respective advantages of steel and textile, combined in only one lifting point.

Created for things worth protecting.

From turbines to roller bearings to polished or painted surfaces: especially where products with sensitive surfaces are lifted, turned and moved, the TXP-Texolution-Point is at home. In the automotive industry as well as in the aerospace sector, in machining production as well as in press shops. Avoid damage or even the penetration of flaking paint particles into sensitive areas of workpieces. Talk to us about other possible applications. Because its advantages make the TXP-Texolution-Point the first choice for many other applications as well.

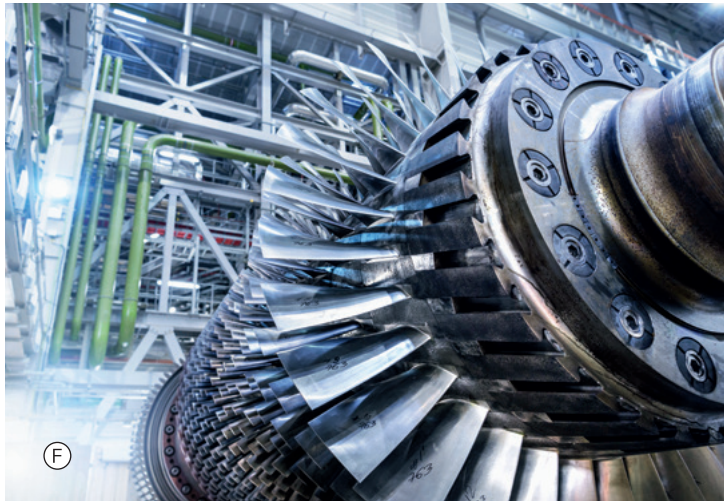
Better safe than sorry.

Any system is only as good as its weakest link. Did you know that fibre structures in textile round slings are sensitive to knotting, structural breaks and kinks as well as other forms of improper deformation? Here, there is a risk of an uncontrollable and unpredictable reduction in WLL. The danger also exists with too small and unfavourable radii of eyelets, shackles and other (proprietary) solutions that have not been specially developed for this purpose.

With the TXP-Texolution-Point, we counter these widespread and risky solutions with a standardised system where a WLL reduction resulting from these is not an issue for you. This is because all components are perfectly matched to each other, and the overall system has been intensively tested. Your advantage: our ready-made RUD solution takes you out of the grey area of uncoordinated solutions and gives you maximum security.

Handling advantages – also for other applications.

You benefit from the convincing advantages of the TXP-Texolution-Point not only for surfaces requiring protection, but also for many other surfaces and applications. For example, its comparatively low weight noticeably simplifies handling, making it particularly ergonomic for the user. In addition, the TXP-Texolution-Point can remain attached to the load during transport without damaging it, since the gentle textile is the only moving part of the lifting point.



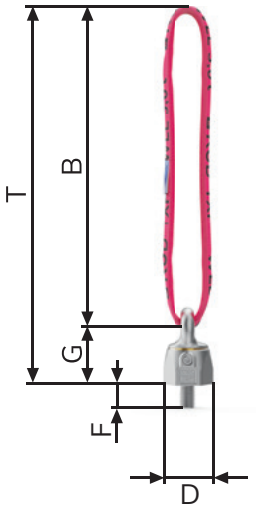
Where products with surfaces requiring protection are lifted, turned and moved, the TXP-Texolution-Point is at home.

Ⓐ Mould making
Ⓑ Bearing and gear construction
Ⓒ Press shop
Ⓓ Aerospace
Ⓔ Automotive industry
Ⓕ Turbine construction
Ⓖ Plant construction
Ⓗ Industrial assembly

THE MOST IMPORTANT DATA AT A GLANCE.

Variants, WLLs, design factor.

TXP-Texolution-Point

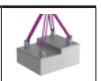


TXP-Texolution-Point

Designation	Load capacity WLL [t]	A [mm]	B [mm]	D [mm]	E [mm]	F [mm]	G [mm]	M [mm]	T [mm]	Weight [kg/unit]	Ref.-No.
TXP-1.3 t M16 L = 0.5 m	1.3	Approx. 35	500	48	41	25	62	M16	560	0.8	7911575
TXP-1.3 t M16 L = 1.0 m	1.3	Approx. 35	1,000	48	41	25	62	M16	1,060	1.1	7911576
TXP-1.3 t with variable thread	1.3	Approx. 35	500 or 1,000	48	41	16–180	62	M16 Vario[1]	560 or 1,060	[2]	8600662
						181–225					
						16–70		M16 x 1.5 Vario			
						16–29		5/8"– 11 UNC Vario			
						49–180					
TXP-2.0 t M20 L = 0.5 m	2.0	Approx. 35	500	62	55	34	84	M20	580	1.6	7911569
TXP-2.0 t M20 L = 1.0 m	2.0	Approx. 35	1,000	62	55	34	84	M20	1,080	1.8	7911570
TXP-2.0 t with variable thread	2.0	Approx. 35	500 or 1,000	62	55	20–223	84	M20 Vario[1]	580 or 1,080	[2]	8600663
						20–88		M20 x 1.5 Vario			
						22–94		M22 Vario[1]			
						19–29		3/4"– 10 UNC Vario			
						56–222					
						19–66		3/4"– 16 UNF Vario			
TXP-3.0 t M24 L = 0.5 m	3.0	Approx. 35	500	81	70	36	97	M24	600	2.6	7911556
TXP-3.0 t M24 L = 1.0 m	3.0	Approx. 35	1,000	81	70	36	97	M24	1,100	2.9	7911557
TXP-3.0 t with variable thread	3.0	Approx. 35	500 or 1,000	81	70	24–257	97	M24 Vario[1]	600 or 1,100	[2]	8600664
						24–97		M24 x 1.5 Vario			
						24–42		M24 x 2 Vario			
						27–92		M27 Vario[1]			
						25–71		1"– 8 UNC Vario			
						72–246					

Subject to technical changes! [1] with nut and washer possible [2] Weight depending on design

Design factor 4:1

Attachment type										
Number of strangs	1	1	2	2	2	2	2	3/4	3/4	3/4
Tilt angle <ß	0–7°	90°	0–7°	90°	0–45°	>45–60°	Asymm.	0–45°	>45–60°	Asymm.
Factor	1	1	2	2	1.4	1	1	2.1	1.5	1
Design factor 4:1 for max. total load weight in tonnes, bolted tight and aligned in direction of tension										
TXP-1.3 t M16	1.3	1.3	2.6	2.6	1.82	1.3	1.3	2.73	1.95	1.3
TXP-2.0 t M20	2	2	4	4	2.8	2	2	4.25	3	2
TXP-3.0 t M24	3	3	6	6	4.25	3	3	6.3	4.5	3

WE'RE HAPPY TO HELP.

Do you have any questions about the TXP-Texolution-Point or would you like advice about another RUD product? Our experienced service team will be happy to help.

Simply give us a call on
+49 7361 504-1070

We look forward to hearing from you.

TXP-TEXOLUTION.COM

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