

isofast® SPIKE® twister DT**Technical information****Application**

For the fastening of waterproof membrane and insulation to solid, dense concrete of minimum grade C12/15.

Material**Fastener**

- DT
- Case hardened carbon steel
- Durocoat® corrosion protection:
- Resistance at 15 cycles Kesternich test according to ETAG 006 - D.3.1. and FM requirements

Environment friendly, free of chromium VI

Stress plates

- ID-70x70 / IF/IG-C-82x40
- IRD-82x40
- Steel 1,0 mm, zinc plated

Resistance at 15 cycles Kesternich test according to ETAG 006 - D.3.1. and FM requirements

Tools and accessories**DB 620**

- Electro-pneumatic hammer drill for drilling into concrete and masonry

DF 21

- Allows the DB 620 to be used from a standing position, ensuring optimum performance from tool and operator

ZD 15

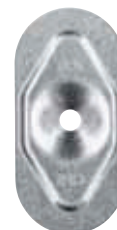
- Setting tool for the installation of SPIKE® twister fasteners

Stress plates**ID-70x70**

- Stress plate for insulation, hole diameter 7,5 mm

IF/IG-C-82x40

- Stress plate for membrane and insulation on hard substrates, hole diameter 7,5 mm

IRD-82x40

- Stress plate for membrane and insulation, hole diameter 7,5 mm

isofast® SPIKE® twister DT

Order information

Mushroom head, $L \leq 51 \text{ mm } \varnothing 11,0 \text{ mm}$
 $L \geq 64 \text{ mm } \varnothing 9,7 \text{ mm}$

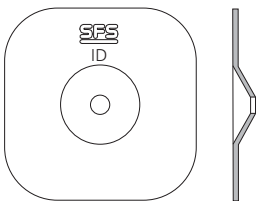
KL clamping length | M magazine loaded | d thread diameter | L Length | t thickness of structure | All measures in mm

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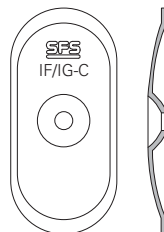
Product / Application	Approval	Order code			KL	Drill bits	Application range
		Type	d	L			
<p>■ Carbon steel</p>		DT- 4,8x	28	3	4,8x160	<p>Sd (Setting depth): min. 25 mm Thickness concrete deck t: min. 60 mm. Concrete quality minimum C12/15. Insulation compressive strength min. 0,07 N/mm². Depth of pilot hole to be 10 - 20 mm deeper than the setting depth of the SPIKE® twister, depending on site conditions.</p>	
		DT- 4,8x	32	7	160		
		DT- 4,8x	38	13	160		
		DT- 4,8x	51	26	160		
		DT- 4,8x	64	39	160		
		DT- 4,8x	76	51	160		
		DT- 4,8x	89	64	210		
		DT- 4,8x	102	77	210		
		DT- 4,8x	115	90	210		
		DT- 4,8x	127	102	210		
		DT- 4,8x	140	115	260		
		DT- 4,8x	152	127	260		

Stress plates

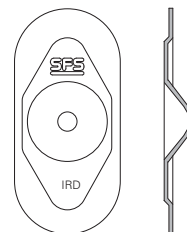
ID-70X70



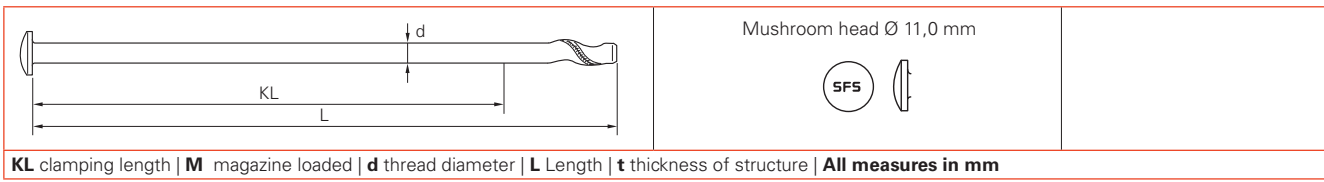
IF/IG-C-82X40



IRD-82X40



Order information



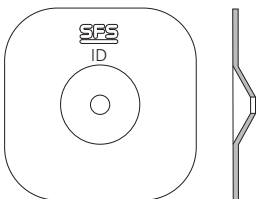
Product / Application	Approval	Order code			KL	Drill bits	Application range
		Type	d	L			
■ Carbon steel 		DT- 6,3x	38	6	6,3x160	KL max. Sd min. 60 mm	
		DT- 6,3x	51	19	160		
		DT- 6,3x	102	70	210		
		DT- 6,3x	127	95	210		
		DT- 6,3x	140	108	260		
		DT- 6,3x	152	120	260		
		DT- 6,3x	165	133	260		
		DT- 6,3x	178	146	260		
		DT- 6,3x	191	159	285		
		DT- 6,3x	203	171	285		
		DT- 6,3x	216	184	360		
		DT- 6,3x	229	197	360		
		DT- 6,3x	241	209	360		
		DT- 6,3x	254	222	360		
		DT- 6,3x	267	235	360		
		DT- 6,3x	279	247	410		
		DT- 6,3x	292	260	410		
		DT- 6,3x	305	273	410		
		DT- 6,3x	330	298	510		
		DT- 6,3x	356	324	510		
DT- 6,3x	381	349	510				
DT- 6,3x	406	374	510				
DT- 6,3x	432	400	510				

Sd (Setting depth): min. 32 mm
 Thickness concrete deck t: min. 60 mm.
 Concrete quality minimum C12/15.
 Insulation compressive strength min. 0,07 N/mm².
 Depth of pilot hole to be 10 - 20 mm deeper than the setting depth of the SPIKE® twister, depending on site condition.

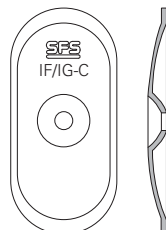
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Stress plates

ID-70X70



IF/IG-C-82X40



IRD-82X40

