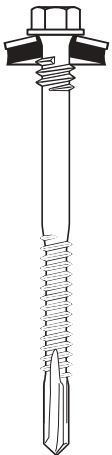


SDT14



SDT14
Ø 5,5xL

Material

Fastener:

Carbon steel 18B3 with corrosion protected surface

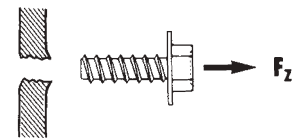
Washer:

Carbon steel 18B3 with vulcanized EPDM

Size

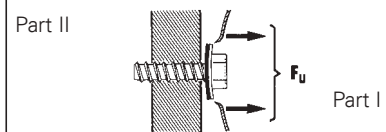
Head/ Drive:
Hex., 8 mm A/F

Pull-out load F_z (N)



Material	Thickness in mm	Washer A19	
		\bar{x}	s
S355 (520 N/mm ²)	4	10170	670
S355 (530 N/mm ²)	5	10820	910
S355 (550 N/mm ²)	6	11150	540

Pull-over load F_u (N)



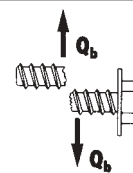
Material	Thickness Part I (mm)	Washer A19	
		\bar{x}	s
S355 (570 N/mm ²) (390 N/mm ²)	0,40	4900	370
	0,63	5680	250
Washer S19			
S355 (570 N/mm ²) (390 N/mm ²)	0,40	5100	470
	0,63	6480	520

Tensile breaking load Z_b (N)



$$\bar{x} = 9900$$

Shear breaking load Q_b (N)



$$\bar{x} = 7900$$

\bar{x} = arithmetical mean value
s = Standard deviation

All stated values are \bar{x} values, representing the arithmetical mean value from laboratory testing concluded up to now, appropriate safety margins should be applied for field conditions. Consult also your country's approval documents.