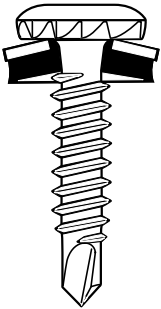


SDL3



SDL3-L12
Ø 5,5xL

Material

Fastener:

Carbon steel 18B3 with corrosion protected surface

Washer:

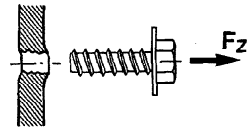
Carbon steel 18B3 with vulcanized EPDM

Size

Head/ drive:

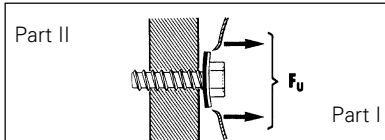
- L12 Head (Ø 12 mm) **irus**® drive

Pull-out load F_z (N)



Material	Thickness (mm)		Washer T15	
	Part I	Part II	\bar{x}	s
St37 (375 N/mm ²)	0,50	0,55	934	-
	0,75	1,25	2783	-
	0,75	0,75	1525	-
	0,75	1,50	3566	-

Pull-over load F_u (N)



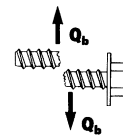
Material	Sheet thickness Part I (mm)	Washer T15	
		\bar{x}	s
St37 (375 N/mm ²)	0,50	4950	-
	0,63	5620	-
	0,75	7100	-
	0,88	7600	-
	1,00	8400	-

Tensile breaking load Z_b (N)



$$\bar{x} = 16000$$

Shear breaking load Q_b (N)



$$\bar{x} = 10000$$

\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.