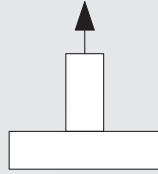


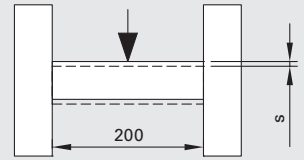
## Fastener Loads

Static Test  
Basic values only

A safety factor of 3  
is recommended.



Maximum force  
(Breaking force)



Maximum force  
(Deflection force)

Deflection force  
at  $s = 1 \text{ mm}$

Fastener configuration	Fastener Model	Maximum force (Breaking force)	Maximum force (Deflection force)	Deflection force at $s = 1 \text{ mm}$
Fastener with 2 drop-in nuts and bolts	PIL 4040	21 kN	12 kN	5.5 kN
	PIL 4080 (upright)			
Fastener with 4 drop-in nuts and bolts	PIL 4080 (flat)	43 kN	21 kN	11.5 kN
	PIL 8080			
Fastener with 2 drop-in nuts and bolts	PIL 5050	40 kN	10 kN	6 kN
	PIL 5010 (upright)			
	PIL 5020 (upright)			
Fastener with 4 drop-in nuts and bolts	PIL 5010 (flat)	76 kN	19 kN	9.5 kN
	PIL 1010			
	PIL 1020 (upright)	64 kN	12 kN	8 kN
Fastener with 8 drop-in nuts and bolts	PIL 5020 (flat)	150 kN	35 kN	15 kN
	PIL 1020 (flat)	110 kN		