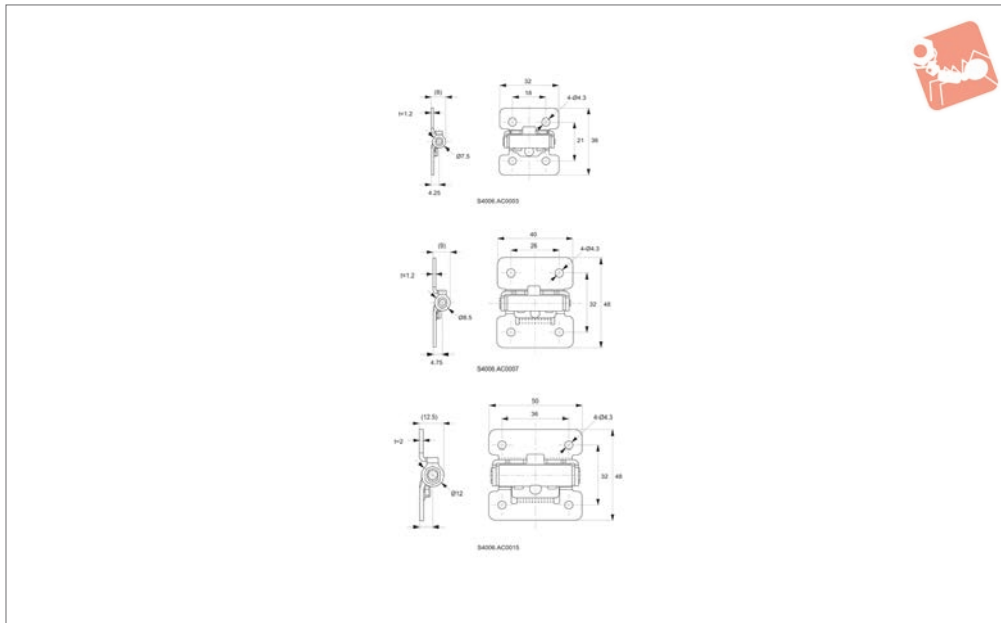




Constant Torque - Friction Torque

screw mount - stainless steel

Hinges



S4006

HINGES

Material

Body: stainless steel, AISI 304. Fixing tube: polyacetal.

Technical Notes

Friction torque hinge holds lids/covers over free stop angle between 0 - 180°.

Order No.	Torque/pair kgf/cm +40% -20%	Free stop angle
S4006.AC0003	3.5	0 - 180°
S4006.AC0007	7.0	0 - 180°
S4006.AC0015	15.0	0 - 180°



Table of constant torque ranges

Table of constant torque ranges					Torque Nm																
	Part no.	Torque type	Shaft Rotation	Torque Nm	0,5	1,0	1,5	2,0	2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0			
	S3810	Symmetric	360°	0,05 to 3,80																	
	S3820	Symmetric/ Asymmetric	360°	0,2 to 1,1																	
	S3824	Symmetric/ Asymmetric	360°	0,2 to 1,1																	
	S3830	Symmetric/ Asymmetric	270°	0,9 to 3,4																	
	S3834	Symmetric/ Asymmetric	270°	0,9 to 3,4																	
	S3840	Symmetric/ Asymmetric	270°	0,9 to 3,4																	
	S3844	Symmetric/ Asymmetric	270°	0,9 to 4,5																	
	S3850	Symmetric/ Asymmetric	270°	0,9 to 3,4																	
	S3852	Symmetric/ Asymmetric	270°	0,9 to 3,4																	
	S3854	Symmetric/ Asymmetric	270°	0,9 to 4,5																	
	S3860	Symmetric	270°	3,5 to 7,0																	
	S3870	Symmetric	90° and 360°	2,5 to 5,0																	

Constant Torque Hinges S4000-S4032

Operating Principle

Wixroyd Constant Torque Hinges rely only on mechanical friction to achieve a stable torque. A range of different friction hinges are available to best suit your application.

Table of constant torque ranges

				Torque Kgf.cm																
Part no.	Torque Kgf.cm			10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
 S4000	5 - 57.5																			
 S4002	8																			
 S4006	3.5 - 15.3																			
 S4010	15 - 30																			
 S4016	25 - 70																			
 S4020	20 - 45.8																			
 S4022	20 - 45.8																			
 S4030	Tilting: 30.5 Swivelling: 15																			
 S4032	Tilting: 71.5 Swivelling: 30.5																			