

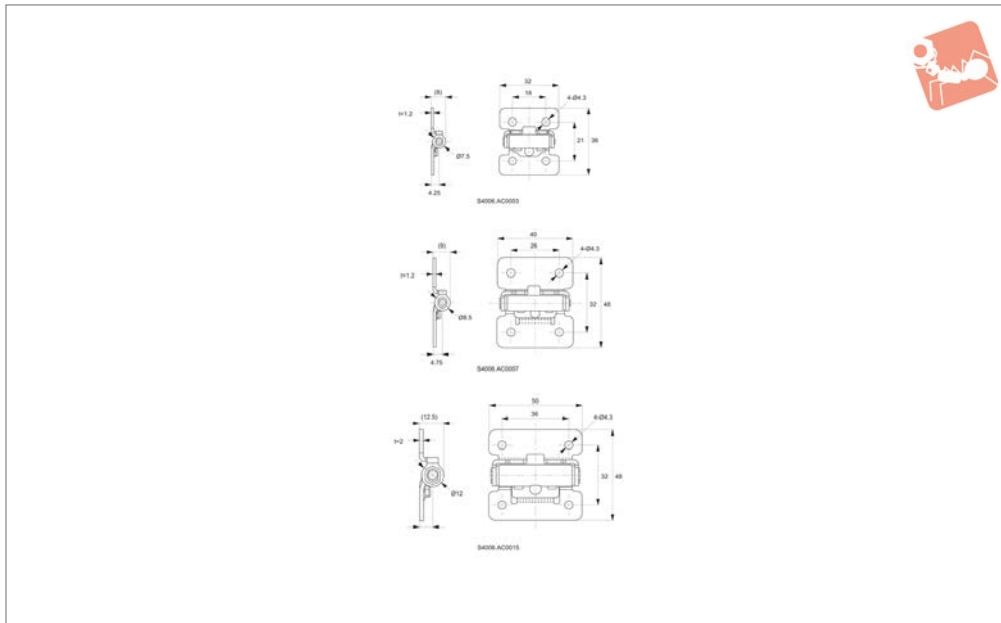


# Constant Torque - Friction Torque

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					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
 <b>S3810</b>	Symmetric	360°	0,05 to 3,80		[Bar chart showing torque range from 0.05 to 3.80 Nm]													
 <b>S3820</b>	Symmetric/Asymmetric	360°	0,2 to 1,1		[Bar chart showing torque range from 0.2 to 1.1 Nm]													
 <b>S3824</b>	Symmetric/Asymmetric	360°	0,2 to 1,1		[Bar chart showing torque range from 0.2 to 1.1 Nm]													
 <b>S3830</b>	Symmetric/Asymmetric	270°	0,9 to 3,4		[Bar chart showing torque range from 0.9 to 3.4 Nm]													
 <b>S3834</b>	Symmetric/Asymmetric	270°	0,9 to 3,4		[Bar chart showing torque range from 0.9 to 3.4 Nm]													
 <b>S3840</b>	Symmetric/Asymmetric	270°	0,9 to 3,4		[Bar chart showing torque range from 0.9 to 3.4 Nm]													
 <b>S3844</b>	Symmetric/Asymmetric	270°	0,9 to 4,5		[Bar chart showing torque range from 0.9 to 4.5 Nm]													
 <b>S3850</b>	Symmetric/Asymmetric	270°	0,9 to 3,4		[Bar chart showing torque range from 0.9 to 3.4 Nm]													
 <b>S3852</b>	Symmetric/Asymmetric	270°	0,9 to 3,4		[Bar chart showing torque range from 0.9 to 3.4 Nm]													
 <b>S3854</b>	Symmetric/Asymmetric	270°	0,9 to 4,5		[Bar chart showing torque range from 0.9 to 4.5 Nm]													
 <b>S3860</b>	Symmetric	270°	3,5 to 7,0		[Bar chart showing torque range from 3.5 to 7.0 Nm]													
 <b>S3870</b>	Symmetric	90° and 360°	2,5 to 5,0		[Bar chart showing torque range from 2.5 to 5.0 Nm]													

## 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	
 <b>S4000</b>	5 - 57.5			[Bar chart showing torque range from 5 to 57.5 Kgf.cm]															
 <b>S4002</b>	8			[Bar chart showing torque range from 8 to 8 Kgf.cm]															
 <b>S4006</b>	3.5 - 15.3			[Bar chart showing torque range from 3.5 to 15.3 Kgf.cm]															
 <b>S4010</b>	15 - 30			[Bar chart showing torque range from 15 to 30 Kgf.cm]															
 <b>S4016</b>	25 - 70			[Bar chart showing torque range from 25 to 70 Kgf.cm]															
 <b>S4020</b>	20 - 45.8			[Bar chart showing torque range from 20 to 45.8 Kgf.cm]															
 <b>S4022</b>	20 - 45.8			[Bar chart showing torque range from 20 to 45.8 Kgf.cm]															
 <b>S4030</b>	Tilting: 30.5 Swivelling: 15			[Bar chart showing torque range for tilting and swivelling]															
 <b>S4032</b>	Tilting: 71.5 Swivelling: 30.5			[Bar chart showing torque range for tilting and swivelling]															