

# XGT/XGL/XGS

## Flexible coupling - High - gain rubber type

New Variation Added

WEB Selection Tool

WEB CAD Download



Zero Backlash



High gain supported



High torque



Vibration absorption

### Structure

#### ● Set Screw Type

**XGT** Standard type → P.52

**XGS** Short type → P.58



#### ● Single Clamping Type

**XGT-CS** Standard type → P.54

**XGS-CS** Short type → P.60



#### ● Double Clamping Type

**XGT-C** Standard type → P.56

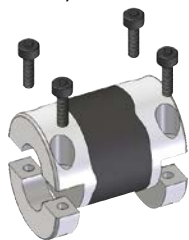
**XGL-C** Long type → P.64

**XGS-C** Short type → P.62



#### ● Split-type

Easy to mount and remove screws.



#### ● Material/Finish

RoHS Compliant

	XGT / XGL / XGS
Hub	A2017
Vibration-absorbing rubber	HNBR
Hex Socket Head Cap Screw / Hex Socket Set Screw	SCM435 / Ferrosferric Oxide Film (Black)

#### ● Applicable motors

	XGT / XGL / XGS
Servomotor	⊙
Stepping Motor	⊙
General-Purpose Motor	⊙

⊙: Excellent ○: Very good

#### ● Property

	XGT / XGL / XGS
Zero Backlash	⊙
For servomotor high gain	⊙
High Torque	⊙
High Torsional Stiffness	○
Allowable Misalignment	○
Vibration absorption characteristics	⊙
Allowable Operating Temperature	-20°C to 80°C

⊙: Excellent ○: Very good

● This is a high gain rubber type flexible coupling optimized for actuators.

● Enables you to make high precision positioning in a short time.



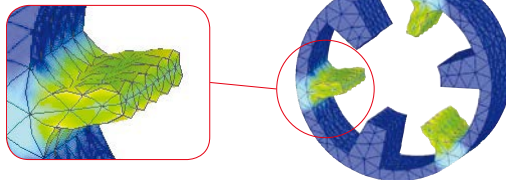
● A single-piece construction with the two aluminum hubs molded with vibration absorbing rubber.

● About high-gain rubber coupling and reduction of stabilization time → P.34

#### ● Application

Actuator / Surface-mount machine / High precision XY stage / Index table

#### ● Internal Structure



The designed shape of vibration-absorbing rubber achieves high torsional stiffness and high torque according to the newest finite element method. This product also succeeds in elongating its life by evenly dispersing the stress focusing on around the inner diameter of the jaw throughout the entire jaw.

Additional Keyway at Shaft Hole → P.788

Cleanroom Wash & Packaging → P.792

Change to Stainless Steel Screw → P.790

Available / Add'l charge

Available / Add'l charge

Available / Add'l charge