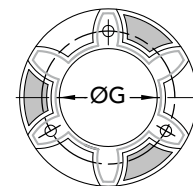
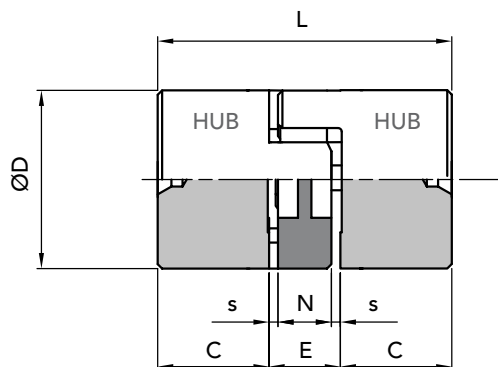



BACKLASH-FREE COUPLING
HUB EXECUTION A
SOLID IN ALUMINIUM

with spider

 4 pointed **GE-T 09 SG**
GE-T 14 SG

 6 pointed **GE-T 19-24 SG**


with spider 6 pointed

TECHNICAL DATA

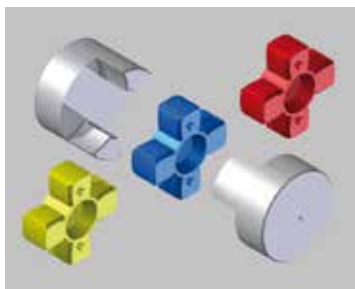
COUPLING TYPE	HARDNESS		r.p.m. max	Nm		Stiffness			Weight kg.		Max inertia moment
	WITH SPIDER			Tk n couple	Tk max couple	Tors. static	Tors. dynam.	radial			
GE-T 09 SG	80 4 punte		28000	1,8	3,6	17,02	52	125	0,009	0,002	0,57
	92/94 4 punte			3,0	6,0	31,5	95	262			
	96/98 4 punte			5,0	10,0	51,5	150	518			
GE-T 14 SG	80 4 punte		19000	4,0	8,0	60,2	180	153	0,020	0,005	3,25
	92/94 4 punte			7,5	15,0	114,6	344	336			
	96/98 4 punte			12,5	25,0	172,0	513	604			
GE-T 19-24 SG	80 6 punte		14000	4,9	9,8	343,8	1030	582	0,066	0,007	21,90
	92/94 6 punte			10,0	20,0	573,0	1720	1120			
	96/98 6 punte			17,0	34,0	859,0	2580	2010			

NB: with radial speed more than v=30m/s dynamic balancing is needed.

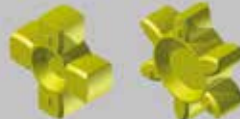
COUPLING TYPE	PART NUMBER HUB SOLID	Polyurethane BLU 80 shore A	Polyurethane RED 96/98 shore A	Polyurethane YELLOW 92/94 shore A
GE-T 09 SG	02509200	02509102	02509104	02509100
GE-T 14 SG	02514200	02514102	02514104	02514100
GE-T 19-24 SG	02519200	02519102	02519104	02519100

DIMENSIONS

COUPLING TYPE	achievable Ø minimum bore	achievable Ø maximum bore	Ø D	Ø G	L	C	E	N	S
GE-T 09 SG	4	9	20	7,2	30	10	10	8	1,0
GE-T 14 SG	4	14	30	10,5	35	11	13	10	2,5
GE-T 19-24 SG	10	20	40	18	66	25	16	12	2,0


GE-T COUPLING SG WITH HUB EXECUTION A SOLID IN ALUMINIUM

HUB


 Polyurethane **YELLOW**

 OPERATING TEMPERATURES
- 40° + 90°

 Polyurethane **RED**

 OPERATING TEMPERATURES
- 30° + 90°

 Polyurethane **BLU**

 OPERATING TEMPERATURES
- 50° + 80°

On request: we execute machining for finish bore and keyway.

IMPORTANT

 The coupling can be ordered for single components
HUB 1 + Elastomer Spider + HUB 2

 CAD drawings available on our site
www.chiaravalli.com

HUBS EXECUTION A


 Quantity, availability and prices
on B2B Chiaravalli



BACKLASH-FREE COUPLING

HUB EXECUTION B

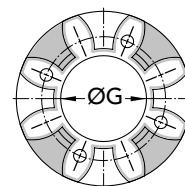
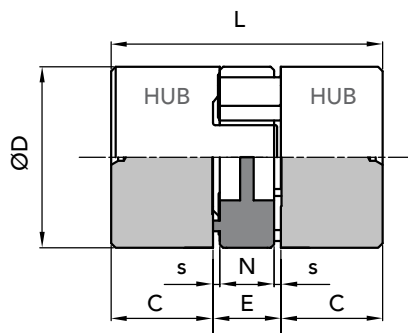
SOLID IN ALUMINIUM

with spider

6 pointed **GE-T 24-28 SG**

8 pointed **GE-T 28-38 SG**

GE-T 38/45 SG



with spider 8 pointed

TECHNICAL DATA

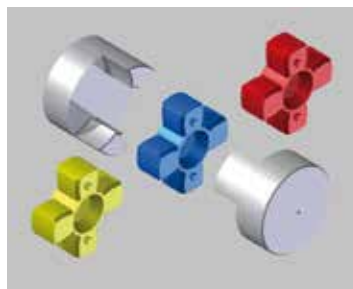
COUPLING TYPE	HARDNESS		r.p.m. max	Nm		Stiffness			Weight kg.		Max inertial moment
	WITH SPIDER			Tk n couple	Tk max couple	Tors. statica	Tors. dinam.	radial			
GE-T 24-28 SG	80 6 punte		10600	17,0	34,0				0,132	0,018	58,30
	92/94 6 punte			35,0	70,0	1432,0	4296	1480			
	96/98 6 punte			60,0	120,0	2063,0	6189	2560			
GE-T 28-38 SG	80 8 punte		8500	46,0	92,0				0,253	0,029	216,80
	92/94 8 punte			95,0	190,0	2292,0	6879	1780			
	96/98 8 punte			160,0	320,0	3438,0	10315	3200			
GE-T 38-45 SG	80 8 punte		7100	94,0	188,0				0,455	0,049	445,20
	92/94 8 punte			190,0	380,0	4589,0	13752	2350			
	96/98 8 punte			325,0	650,0	7160,0	21485	4400			

NB: with radial speed more than $v=30\text{m/s}$ dynamic balancing is needed.

COUPLING TYPE	PART NUMBER HUB SOLID	Polyurethane BLU 80 shore A	Polyurethane RED 96/98 shore A	Polyurethane YELLOW 92/94 shore A
GE-T 24-28 SG	02524200	02524102	02524104	02524100
GE-T 28-38 SG	02528200	02528102	02528104	02528100
GE-T 38-45 SG	02538200	02538102	02538104	02538100

DIMENSIONS

COUPLING TYPE	achievable Ø minimum bore	achievable Ø maximum bore	ØD	ØG	L	C	E	N	S
GE-T 24-28 SG	15	28	55	27	78	30	18	14	2,0
GE-T 28-38 SG	19	35	65	30	90	35	20	15	2,5
GE-T 38-45 SG	20	45	80	38	114	45	24	18	3,0

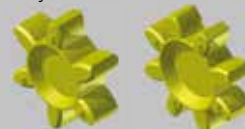


GE-T COUPLING SG WITH HUB EXECUTION B SOLID IN ALUMINIUM

HUB



Polyurethane **YELLOW**



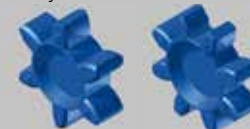
OPERATING TEMPERATURES
- 40° + 90°

Polyurethane **RED**



OPERATING TEMPERATURES
- 30° + 90°

Polyurethane **BLU**



OPERATING TEMPERATURES
- 50° + 80°

HUB EXECUTION C B



On request: we execute machining for finish bore and keyway.

IMPORTANT

The coupling can be ordered for single components
HUB 1 + Elastomer Spider + HUB 2

CAD drawings available on our site
www.chiaravalli.com

Quantity, availability and prices
on B2B Chiaravalli


BACKLASH-FREE COUPLING
HUB EXECUTION C

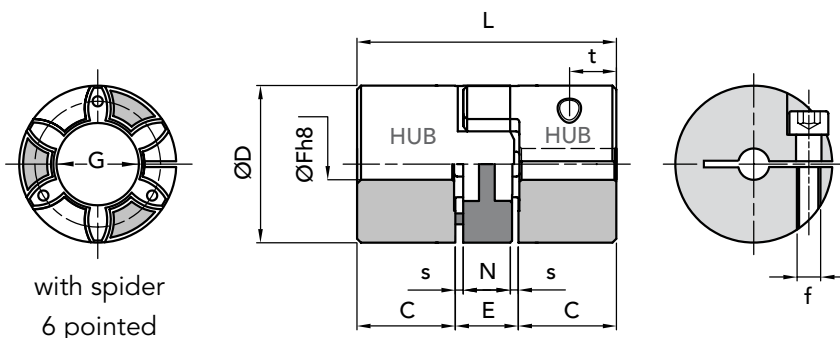
WITH SIMPLE CUT
ALUMINIUM ALLOY

with spider

4 pointed **GE-T 09 SG**

GE-T 14 SG

6 pointed **GE-T 19-24 SG**


TECHNICAL DATA

COUPLING TYPE	HARDNESS		r.p.m. max	Nm		Stiffness			Weight kg.		Max inertial moment
	WITH SPIDER			Tk n couple	Tk max couple	Tors. statica	Tors. dinam.	radial			
GE-T 09 SG	80 4 pointed		28000	1,8	3,6	17,02	52	125	0,009	0,002	0,57
	92/94 4 pointed			3,0	6,0	31,5	95	262			
	96/98 4 pointed			5,0	10,0	51,5	150	518			
GE-T 14 SG	80 4 pointed		19000	4,0	8,0	60,2	180	153	0,020	0,005	3,25
	92/94 4 punte			7,5	15,0	114,6	344	336			
	96/98 4 punte			12,5	25,0	172,0	513	604			
GE-T 19-24 SG	80 6 punte		14000	4,9	9,8	343,8	1030	582	0,066	0,007	21,90
	92/94 6 punte			10,0	20,0	573,0	1720	1120			
	96/98 6 punte			17,0	34,0	859,0	2580	2010			

NB: with radial speed more than $v=30\text{m/s}$ dynamic balancing is needed.

COUPLING TYPE	PART NUMBER HUB EXECUTION C WITH SIMPLE CUT	Polyurethane BLU	Polyurethane RED	Polyurethane YELLOW
		80 shore A	96/98 shore A	92/94 shore A
GE-T 09 SG	025092-- + Ø bore	02509102	02509104	02509100
GE-T 14 SG	025142-- + Ø bore	02514102	02514104	02514100
GE-T 19-24 SG	025192-- + Ø bore	02519102	02519104	02519100

DIMENSIONS

COUPLING TYPE	Version	ØF available holes with H8 tolerance											Ms screws (Nm) clamping torque	t
			ØD	ØG	L	C	E	N	s	f				
GE-T 09 SG	A	5-6-8-10	20	7,2	30	10	10	8	1,0	M2,5		0,75		5
GE-T 14 SG	A	5-6-8-10-12-14-15-16	30	10,5	35	11	13	10	2,5	M3		1,40		5
GE-T 19-24 SG	A	8-10-12-14-15-16-18-19-20	40	18	66	25	16	12	2,0	M6		11,0		12


GE-T COUPLING SG WITH HUB EXECUTION C SIMPLE CUT ALUMINIUM ALLOY

HUB	Polyurethane YELLOW	Polyurethane RED	Polyurethane BLU
	OPERATING TEMPERATURES - 40° + 90°	OPERATING TEMPERATURES - 30° + 90°	OPERATING TEMPERATURES - 50° + 80°

IMPORTANT

The coupling can be ordered for single components
HUB 1 + Elastomer Spider + HUB 2

HUBS EXECUTION C


CAD drawings available on our site
www.chiaravalli.com

Quantity, availability and prices
on B2B Chiaravalli



BACKLASH-FREE COUPLING

HUB EXECUTION D

WITH DOUBLE CUT
 ALUMINIUM ALLOY

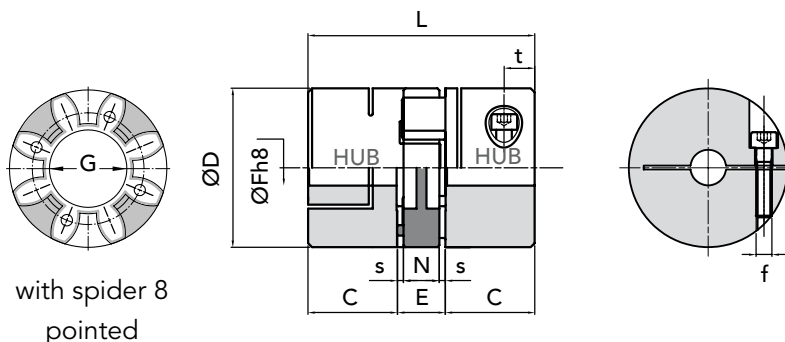
with spider

8 pointed

GE-T 24-28 SG

GE-T 28-38 SG

GE-T 38/45 SG



with spider 8
 pointed

TECHNICAL DATA

COUPLING TYPE	HARDNESS		r.p.m. max	Nm		Stiffness			Weight kg.		Max inertial moment
	WITH SPIDER			Tk n couple	Tk max couple	Tors. static	Tors. dynam.	radial			
GE-T 24-28 SG	80 8 POINTED			17,0	34,0				0,132	0,018	58,30
	92/94 8 punte	10600		35,0	70,0	1432,0	4296	1480			
	96/98 8 punte			60,0	120,0	2063,0	6189	2560			
GE-T 28-38 SG	80 8 punte			46,0	92,0				0,253	0,029	216,80
	92/94 8 punte	8500		95,0	190,0	2292,0	6879	1780			
	96/98 8 punte			160,0	320,0	3438,0	10315	3200			
GE-T 38-45 SG	80 8 punte			94,0	188,0				0,455	0,049	445,20
	92/94 8 punte	7100		190,0	380,0	4589,0	13752	2350			
	96/98 8 punte			325,0	650,0	7160,0	21485	4400			

NB: with radial speed more than v=30m/s dynamic balancing is needed.

COUPLING TYPE	PART NUMBER HUB EXECUTION D WITH DOUBLE CUT	Polyurethane BLU	Polyurethane RED	Polyurethane YELLOW
		80 shore A	96/98 shore A	92/94 shore A
GE-T 24-28 SG	025242-- + Ø bore	02524102	02524104	02524100
GE-T 28-38 SG	025282-- + Ø bore	02528102	02528104	02528100
GE-T 38-45 SG	025382-- + Ø bore	02538102	02538104	02538100

DIMENSIONS

COUPLING TYPE	Version	ØF available holes with H8 tolerance									Ms screw (Nm) clamping torque		t
			ØD	ØG	L	C	E	N	s	f			
GE-T 24-28 SG	B	12-14-15-16-18-19-20-22-24-25-28	55	27	78	30	18	14	2,0	M6	11,0		14
GE-T 28-38 SG	B	18-19-20-22-24-25-28-30-32-35	65	30	90	35	20	15	2,5	M8	25,0		15
GE-T 38-45 SG	B	18-19-20-22-24-25-28-30-32-35-38-40	80	38	114	45	24	18	3,0	M8	25,0		20



COUPLING GE-T SG WITH HUB EXECUTION D DOUBLE CUT ALUMINIUM ALLOY

HUB



Polyurethane **YELLOW**



OPERATING TEMPERATURES
 - 40° + 90°

Polyurethane **RED**



OPERATING TEMPERATURES
 - 30° + 90°

Polyurethane **BLU**



OPERATING TEMPERATURES
 - 50° + 80°

HUBS EXECUTION D



IMPORTANT

The coupling can be ordered for single components
 HUB 1 + Elastomer Spider + HUB 2

CAD drawings available on our site
www.chiaravalli.com

Quantity, availability and prices
 on B2B Chiaravalli