



GIFLEX® GE-T COUPLINGS with FLEXIBLE SPIDER

SERIES GE-T

GE-T COUPLING STANDARD



GE-T COUPLING ALUMINIUM

GE-T COUPLING TAPER LOCK®



GE-T COUPLING SG



HUB A



HUB B



HUB I

internal bushes



HUB E

external bushes



YELLOW POLYURETHANE SPIDER



RED ELASTOMER SPIDER



BLACK ELASTOMER SPIDER



INTRODUCTION

Flexible torsion couplings, which are connecting devices between rotating shafts, are designed to ensure shock-free torque transmission and to compensate minor alignment deviations in operation between the shafts in industrial use. The GE-T range of flexible couplings ensures this level of performance and also provides excellent quality thanks to the machining accuracy and the choice of materials used.

The general level of reliability provided by the **GE-T** couplings is ensured by a satisfactory useful working life of the couplings.



GENERAL

The **GE-T** range of flexible couplings represents torsionally flexible mechanical couplings capable of transmitting a twisting moment proportional to the flexible yield of the intermediate component. The couplings must be capable of effectively absorbing possible torsional vibrations due to the load or self-induced, to attenuate impacts and torque peaks during the start-up phase and to compensate minor angular and parallel misalignments between the shafts, however ensuring an acceptable useful working life.

These features and more in general the performance required from the coupling depend almost exclusively on the quality intermediate component.

The choice of the material used to manufacture the coupling is therefore fundamental. The curve that expresses the flexible characteristic of the intermediate component must have a progressive trend (yielding at low torque values and remaining rigid at higher torque values) to ensure operation without jerks at start-up and with a limited torsional yield at steady state conditions.

It is essential for the intermediate component to have a certain flexible hysteresis, proportional to the required absorbing effect that ensures the coupling can efficiently absorb possible torsional oscillations.

Furthermore, the useful working life of the coupling depends on the flexible yield of the material comprising the intermediary component. The physical characteristics described above are frequently in contrast with each other and compared with other basic mechanical and technological parameters. The performance of the intermediary component therefore cannot be adapted to the variety of operating conditions when only one type of material is used and therefore the materials adopted for the flexible ring gear must be differentiated.

A selected thermoplastic elastomer is selected to meet medium level needs in the basic execution.

This refers to an elastomer with medium rigidity, characterized by an optimum internal dampening effect, resistant to ageing, to fatigue, to abrasion, as well as hydrolysis and to the principle chemical agents with special reference to oils and ozone. Operating temperatures lying between -40 °C and + 125 °C with brief peaks of up to 150 °C are permitted in the case of couplings in the base execution.

Alternative mixes capable of meeting every practical need have been designed and are available on request for use in extremely demanding operating conditions, or for needs that exceed average requirements.

OPERATING AND ASSEMBLY CONDITIONS

Operation of the flexible torsion couplings, such as the **GE-T** type or similar couplings is characterized by a proportional feature between the twisting torque and the torsion angle and by the ability to compensate limited angular and radial misalignments. Key features of equal importance, but which are more difficult to interpret are represented by the absorbing factor and natural frequency or resonance.

To qualify its couplings, Chiaravalli Trasmissioni SpA declares permitted twisting torque values correlated to well defined torsion angle values, which has the limiting value of 5 ° C corresponding to the maximum torque value.

This provides a valid guide for the progressive characteristic of the flexible curve.

The maximum permitted values are shown in the case of the angular and radial misalignments, with the warning that these refer to extreme values that cannot be added together (only angular compensation or only radial compensation) and apply to standard operating conditions characterised by the following: operating torque not exceeding the nominal torque, a rotating speed of less than 1,450 r.p.m and coupling temperature not exceeding 40° C.

The maximum rotating speed expressed in r.p.m that corresponds to maximum peripheral speed of 30 m/sec. is indicated for each coupling of the **GE-T** range.

This speed can be achieved with a sufficient safety margin compared to the danger of failure due to centrifugal force stress thanks to the characteristics of the material used.

Class G 2.5 dynamic balancing in compliance with ISO 1940 is recommended despite the fact that the half-couplings are fully machined on both external surfaces, if the actual operating speed exceeds 2.800 r.p.m



COUPLING SELECTION AND SIZING CRITERION

Couplings are sized on the basis of the physical laws of mechanics and the resistance of the materials and also complies on the provisions established in the DIN 740 standards Sheet 2.

the coupling is selected on the basis of the criterion, which establishes that the maximum permitted stress is never exceeded even in the most demanding operating conditions. It follows that the nominal torque declared for the coupling must be compared with a reference torque that takes into account the overloads due to the way the load is exerted and the operating conditions. The reference torque is obtained by multiplying the operating torque by a series of multiplying factors depending on the nature of the load or on the ambient temperature conditions.

LOAD DUE TO NOMINAL TORQUE

The permitted nominal coupling torque TKN must apply for any operating temperature value equal to or greater than the driven side operating torque TLN.

$$TKN = 9549 \frac{(PLn) [Nm]}{nLn}$$

The following condition must be satisfied, where St represents the temperature factor, to take into account overloads due to the operating temperature for the coupling

$$Tk_n > TLN * St$$

START – UP LOAD

The drive motor delivers a drive torque during the start-up transient period which is a multiple of the nominal torque and depends on the way the masses are distributed.

A similar situation occurs in the braking phase therefore, this two phases are characterised by torque impacts that have an intensivity which depends on the distribution of the masses on the drive side MA and on the driven side ML, as well as the frequency of the number of start – ups on which the start – up factor Sz depends.

The static torques for the drive side and the driven side are expressed by the following relationships:

- drive side $TS = TAS * MA * SA$
- driven side $TS = TLS * ML * SL$

MA and ML are assumed to be equal to 1, to first approximation, and if the distribution of the masses is unknown. The SA factor can be assumed as being equal to the relationship between the start – up torque and the nominal torque in the case of drives based on an electric motor.

LOAD CAUSED BY TORQUE IMPACTS

The permitted nominal coupling torque TKN max must be equal to or greater than the start-up torque increased by the temperature factor and by St and by the start-up factor Sz for any operating temperature value.

$$Tk_n max > TS * St * Sz$$

Consult the CHIARAVALLI Trasmissioni Technical Department for operating conditions that foresee periodic variation or torque inversions, as well as alternate torsional stresses.

SYMBOLS

- Tk n** = coupling maximum torque (Nm)
- Tk max** = coupling maximum torque (Nm)
- Tk w** = torque with coupling inversion (Nm)
- TLN** = driven side operating torque (Nm)
- TLs** = driven side static torque (Nm)
- TAS** = motor side static torque (Nm)
- Ts** = plant static torque (Nm)
- PLn** = driven side operating power (Nm)
- nLn** = driven side rotating speed (r.p.m)
- St** = temperature factor
- JA** = inertia moment drive site
- JL** = exit side
- SA** = motor side impact factor
- SL** = driven side impact factor
- Sz** = start-up factor
- MA** = control side mass factor $\frac{JL}{JA+JL}$
- ML** = driven side mass factor $\frac{JA}{JA+JL}$

INDICATIVE VALUES FOR ADJUSTMENT FACTORS:

Name	Symbol	Definition
Temperature factor	St.	St. C° 1 -30° 1 +40° 1,4 +80° 1,8 +120° 1,8 +30°
Start-up Factor	Sz.	Number of start-ups per hour Start-up/hr. 100 200 400 800 Sz. 1 1,2 1,4 1,6
Impact factor	SA/SL	SA/SL minor start-up impacts 1,5 medium start-up impacts 1,8 major start-up impacts 2,2

SERVICE FACTORS:

Load condition	Operating conditions	Type of Drive	
		Electric motor	Diesel engine
UNIFORM	Regular operation without impacts or overloads	1,25	1,5
LIGHT	Regular operations with minor and infrequent impacts and overloads	1,50	2,0
MEDIUM	Irregular operation with medium overloads for a short duration and frequent but moderate impacts	2,0	2,5
HEAVY	Markedly irregular operation with very frequent impacts and overloads and of major intensity	2,5	3,0

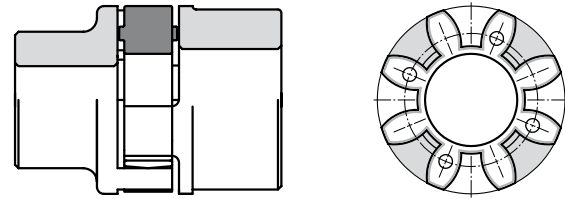
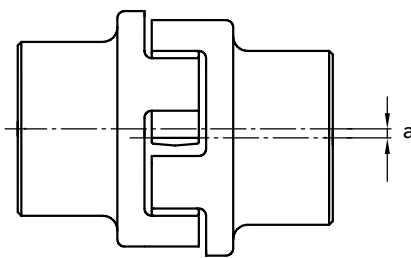
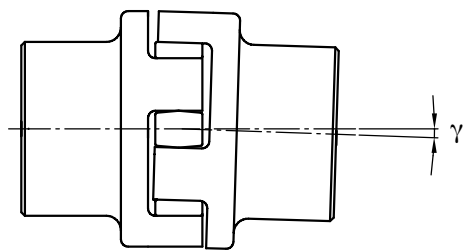
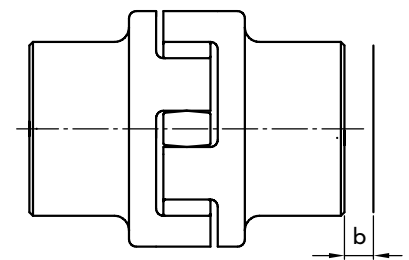
GIFLEX® GE-T COUPLINGS with FLEXIBLE SPIDER ACCURATE EXECUTION


TECHNICAL DATA

with a **BLACK SPIDER**
 ELASTOMERIC
 92/94 shore A
 EMPLOYMENT TEMPERATURE - 40° +140°
 USING IN AMBIENT THAT CAN
 BE CONTAMINATED

with a **YELLOW SPIDER**
 POLYURETHAN
 92/94 shore A
 EMPLOYMENT TEMPERATURE - 40° +90°

COUPLING GE-T in ALUMINIUM ALLOY or CAST-IRON


RADIALLY displaced shaft

ANGULARLY displaced shaft

AXIALLY displaced shaft

TECHNICAL DATA

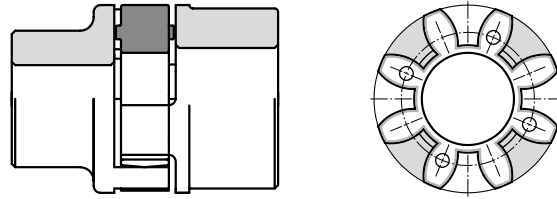
TYPE	MAX R.p.m. n. min. 1	Torsion angle		Spider shore A	Twisting moment (Nm)			Torsional rigidity (kNm/rad)				axial displacement b mm	maximum misalignment	
		Tk n	Tk max		Norm. Tk n	Max Tk max	with inversion Tk w	1,0 Tk n	0,75 Tk n	0,5 Tk n	0,25 Tk n		radial a mm	angular γ°
GE-T 19-24	14000	3°	5°	94	10	20	2,6	0,68	0,57	0,44	0,28	1,2	0,2	1,2°
GE-T 24-32	10600			94	35	70	9	2,19	1,82	1,40	0,90	1,4	0,2	0,9°
GE-T 28-38	8500			94	95	190	25	5,20	4,31	3,32	2,12	1,5	0,25	0,9°
GE-T 38-45	7100			94	190	380	49	10,00	8,30	6,39	4,08	1,8	0,28	1,0°
GE-T 42-55	6000			94	265	530	69	17,00	14,11	10,86	6,94	2,0	0,32	1,0°
GE-T 48-60	5600			94	310	620	81	20,00	16,59	12,77	8,16	2,1	0,36	1,1°
GE-T 55-70	4750			94	410	820	105	21,99	18,25	14,05	8,98	2,2	0,38	1,1°
GE-T 65-75	4250			94	625	1250	163	28,20	23,39	18,01	11,51	2,6	0,42	1,2°
GE-T 75-90	3550			94	1250	2500	330	67,99	56,41	43,44	27,75	3,0	0,48	1,2°
GE-T 90-100	2800			94	2400	4800	624	110,00	91,26	70,27	44,89	3,4	0,50	1,2°



TECHNICAL DATA

With **RED SPIDER**
 THERMOPLASTIC RUBBER
 96/98 shore A
 EMPLOYMENT TEMPERATURE - 30° +140°

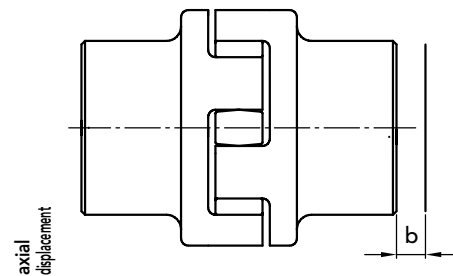
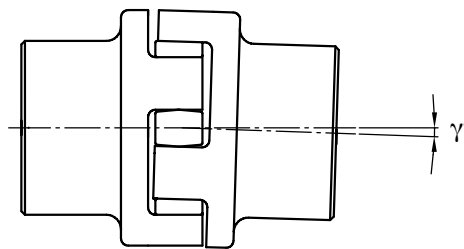
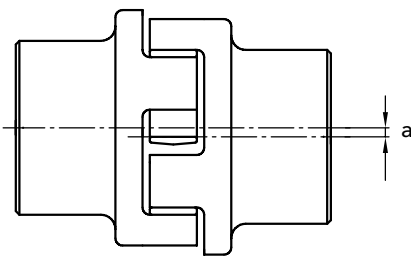
COUPLING GE-T in ALUMINIUM ALLOY or CAST-IRON



RADIALLY displaced shaft

ANGULARLY displaced shaft

AXIALLY displaced shaft



TECHNICAL DATA

TYPE	MAX R.p.m. n. min. 1	Torsion angle		Spider shore A	Twisting moment (Nm)			Torsional rigidity (kNm/rad)				axial displacement b mm	maximum misalignment	
		Tk n	Tk max		Norm. Tk n	Max Tk max	with inversion Tk w	1,0 Tk n	0,75 Tk n	0,5 Tk n	0,25 Tk n		a mm	angular γ°
GE-T 19-24	14000	3°	5°	96	17	34	4,4	1,09	0,90	0,68	0,42	1,2	0,2	1,2°
GE-T 24-32	10600			96	60	120	16	3,70	3,04	2,31	1,44	1,4	0,2	0,9°
GE-T 28-38	8500			96	160	320	42	9,5	7,80	5,92	3,68	1,5	0,25	0,9°
GE-T 38-45	7100			96	325	650	85	29,0	23,8	18,6	11,24	1,8	0,28	1,0°
GE-T 42-55	6000			96	450	900	117	40,5	33,24	25,21	15,70	2,0	0,32	1,0°
GE-T 48-60	5600			96	525	1050	137	48,56	39,86	30,23	18,82	2,1	0,36	1,1°
GE-T 55-70	4750			96	625	1250	163	52,78	43,32	32,86	20,46	2,2	0,38	1,1°
GE-T 65-75	4250			96	940	1880	166	57,5	47,19	35,80	22,29	2,6	0,42	1,2°
GE-T 75-90	3550			96	1910	3850	490	150,0	123,12	93,39	58,14	3,0	0,48	1,2°
GE-T 90-100	2800			96	3600	7200	936	250,0	205,19	155,65	96,90	3,4	0,50	1,2°

AXIS MISALIGNMENTS COMPENSATED with GE-T COUPLING



"GIFLEX®" SERIE GE-T with ELASTIC SPIDER ACCURATE EXECUTION

CAST-IRON GG25

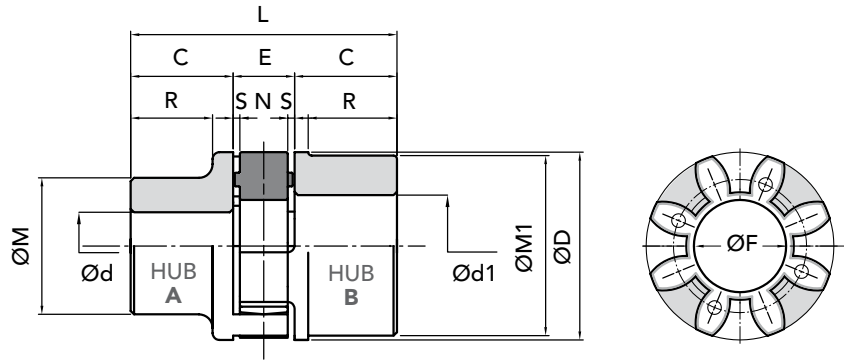
INTERPRETATION CODES

EXAMPLE

- GE-T 19A-24B = HUB A + HUB B**
- GE-T 19A-24B = HUB B + HUB A**
- GE-T 19A-19A = 2 HUB A**
- GE-T 24B-24B = 2 HUB B**

The characteristic size of the coupling is defined by the maximum diameter bore.

STEEL*



PART NUMBERS

COUPLING TYPE	PART NUMBER		Spider		Polyurethane
	HUB A	HUB B	BLACK	RED	YELLOW spider
			92/94 shore A	96/98 shore A	92/94 shore A
GE-T 19A-24B*	02201920	02201940	02001910	02001911	02001912
GE-T 24A-32B	02202420	02202440	02002410	02002411	02002412
GE-T 28A-38B	02202820	02202840	02002810	02002811	02002812
GE-T 38A-45B	02203820	02203840	02003810	02003811	02003812
GE-T 42A-55B	02204220	02204240	02004210	02004211	02004212
GE-T 48A-60B	02204820	02204840	02004810	02004811	02004812
GE-T 55A-70B	02205520	02205540	02005510	02005511	02005512
GE-T 65A-75B	02206520	02206540	02006510	02006511	02006512
GE-T 75A-90B	02207520	02207540	02007510	02007511	02007512
GE-T 90A-100B	02209020	02209040	02009010	02009011	02009012

MEASUREMENTS - WEIGHTS

COUPLING TYPE	Ø hub bore		Ø finished bore		measurement in mm normal range										Weight Kg			J Kg cm² hubs A+B
	A	B	Ød max	Ød1 max	C	ØD	E	ØF	ØM	ØM1	N	R	S	L	spider	hub A	hub B	
GE-T 19A-24B*	-	-	19	24	25	40	16	18	30	40	12	19	2	66	0,004	0,18	0,25	0,8
GE-T 24A-32B	-	-	24	32	30	55	18	27	40	55	14	24	2	78	0,014	0,36	0,55	3
GE-T 28A-38B	-	-	28	38	35	65	20	30	48	65	15	27,5	2,5	90	0,025	0,60	0,85	7
GE-T 38A-45B	-	-	38	45	45	80	24	38	66	78	18	36,5	3	114	0,042	1,35	1,65	20
GE-T 42A-55B	-	-	42	55	50	95	26	46	75	94	20	40	3	126	0,066	2,00	2,30	50
GE-T 48A-60B	-	-	48	60	56	105	28	51	85	104	21	45	3,5	140	0,088	2,75	3,10	80
GE-T 55A-70B	-	-	55	70	65	120	30	60	98	118	22	52	4	160	0,116	4,20	4,50	160
GE-T 65A-75B	-	-	65	75	75	135	35	68	115	134	26	61	4,5	185	0,172	6,50	6,80	310
GE-T 75A-90B	-	-	75	90	85	160	40	80	135	158	30	69	5	210	0,325	10,00	10,80	680
GE-T 90A-100B	38	38	90	100	100	200	45	100	160	180	34	81	5,5	245	0,440	14,00	15,80	1590

J inertia torque HUB A+B with bore max Ø

HUB A - B HUB B - A HUB A - A HUB B - B



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

IMPORTANT

The couplings can be ordered complete, or for single components: HUB 1 + Spider + HUB 2

CAD drawings available on our site www.chiaravalli.com

Quantity, availability and prices on B2B ChiaraValli





CAST-IRON GG25

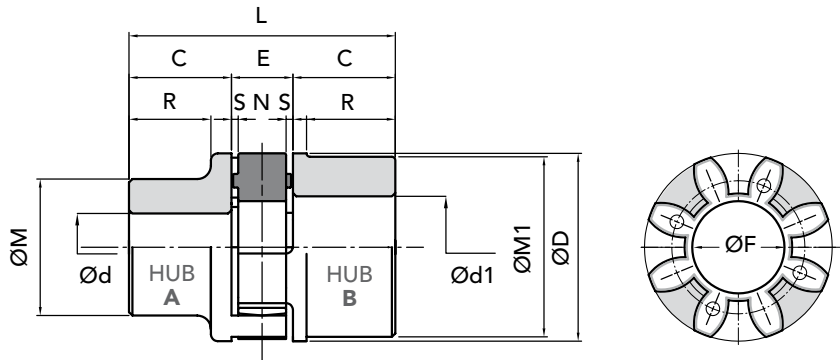
STEEL*

INTERPRETATION CODES

EXAMPLE

- GE-T 19A-24B** = HUB A + HUB B
- GE-T 19A-24B** = HUB B + HUB A
- GE-T 19A-19A** = 2 HUB A
- GE-T 24B-24B** = 2 HUB B

The characteristic size of the coupling is defined by the maximum diameter bore.



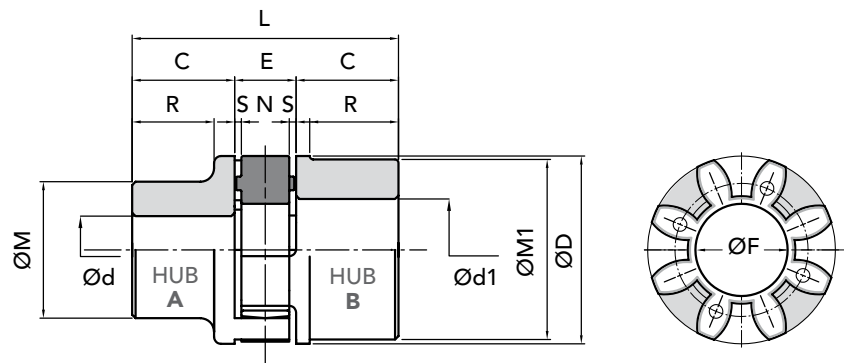
PART NUMBERS FOR COMPLETE COUPLINGS

COUPLING TYPE	HUB	COLOR SPIDER	MATERIAL	PART NUMBERS FOR COMPLETE COUPLINGS
GE-T 19-24	A + B	BLACK	STEEL	02201900
GE-T 19-24	A + B	RED	STEEL	02201901
GE-T 19-24	A + A	BLACK	STEEL	02201902
GE-T 19-24	A + A	RED	STEEL	02201903
GE-T 19-24	B + B	BLACK	STEEL	02201904
GE-T 19-24	B + B	RED	STEEL	02201905
GE-T 19-24	A + B	YELLOW	STEEL	02201906
GE-T 19-24	A + A	YELLOW	STEEL	02201907
GE-T 19-24	B + B	YELLOW	STEEL	02201908
GE-T 24-32	A + B	BLACK	CAST-IRON	02202400
GE-T 24-32	A + B	RED	CAST-IRON	02202401
GE-T 24-32	A + A	BLACK	CAST-IRON	02202402
GE-T 24-32	A + A	RED	CAST-IRON	02202403
GE-T 24-32	B + B	BLACK	CAST-IRON	02202404
GE-T 24-32	B + B	RED	CAST-IRON	02202405
GE-T 24-32	A + B	YELLOW	CAST-IRON	02202406
GE-T 24-32	A + A	YELLOW	CAST-IRON	02202407
GE-T 24-32	B + B	YELLOW	CAST-IRON	02202408
GE-T 28-38	A + B	BLACK	CAST-IRON	02202800
GE-T 28-38	A + B	RED	CAST-IRON	02202801
GE-T 28-38	A + A	BLACK	CAST-IRON	02202802
GE-T 28-38	A + A	RED	CAST-IRON	02202803
GE-T 28-38	B + B	BLACK	CAST-IRON	02202804
GE-T 28-38	B + B	RED	CAST-IRON	02202805
GE-T 28-38	A + B	YELLOW	CAST-IRON	02202806
GE-T 28-38	A + A	YELLOW	CAST-IRON	02202807
GE-T 28-38	B + B	YELLOW	CAST-IRON	02202808
GE-T 38-45	A + B	BLACK	CAST-IRON	02203800
GE-T 38-45	A + B	RED	CAST-IRON	02203801
GE-T 38-45	A + A	BLACK	CAST-IRON	02203802
GE-T 38-45	A + A	RED	CAST-IRON	02203803
GE-T 38-45	B + B	BLACK	CAST-IRON	02203804
GE-T 38-45	B + B	RED	CAST-IRON	02203805
GE-T 38-45	A + B	YELLOW	CAST-IRON	02203806
GE-T 38-45	A + A	YELLOW	CAST-IRON	02203807
GE-T 38-45	B + B	YELLOW	CAST-IRON	02203808
GE-T 42-55	A + B	BLACK	CAST-IRON	02204200
GE-T 42-55	A + B	RED	CAST-IRON	02204201
GE-T 42-55	A + A	BLACK	CAST-IRON	02204202
GE-T 42-55	A + A	RED	CAST-IRON	02204203
GE-T 42-55	B + B	BLACK	CAST-IRON	02204204
GE-T 42-55	B + B	RED	CAST-IRON	02204205
GE-T 42-55	A + B	YELLOW	CAST-IRON	02204206
GE-T 42-55	A + A	YELLOW	CAST-IRON	02204207
GE-T 42-55	B + B	YELLOW	CAST-IRON	02204208

"GIFLEX®" SERIE GE-T PART NUMBERS FOR COMPLETE COUPLINGS


CAST-IRON GG25
INTERPRETATION CODES
EXAMPLE
GE-T 19A-24B = HUB A + HUB B
GE-T 19A-24B = HUB B + HUB A
GE-T 19A-19A = 2 HUB A
GE-T 24B-24B = 2 HUB B

The characteristic size of the coupling is defined by the maximum diameter bore.


PART NUMBERS FOR COMPLETE COUPLINGS

COUPLING TYPE	HUB	COLOR SPIDER	MATERIAL	PART NUMBERS FOR COMPLETE COUPLINGS
GE-T 48-60	A + B	BLACK	CAST-IRON	02204800
GE-T 48-60	A + B	RED	CAST-IRON	02204801
GE-T 48-60	A + A	BLACK	CAST-IRON	02204802
GE-T 48-60	A + A	RED	CAST-IRON	02204803
GE-T 48-60	B + B	BLACK	CAST-IRON	02204804
GE-T 48-60	B + B	RED	CAST-IRON	02204805
GE-T 48-60	A + B	YELLOW	CAST-IRON	02204806
GE-T 48-60	A + A	YELLOW	CAST-IRON	02204807
GE-T 48-60	B + B	YELLOW	CAST-IRON	02204808
GE-T 55-70	A + B	BLACK	CAST-IRON	02205500
GE-T 55-70	A + B	RED	CAST-IRON	02205501
GE-T 55-70	A + A	BLACK	CAST-IRON	02205502
GE-T 55-70	A + A	RED	CAST-IRON	02205503
GE-T 55-70	B + B	BLACK	CAST-IRON	02205504
GE-T 55-70	B + B	RED	CAST-IRON	02205505
GE-T 55-70	A + B	YELLOW	CAST-IRON	02205506
GE-T 55-70	A + A	YELLOW	CAST-IRON	02205507
GE-T 55-70	B + B	YELLOW	CAST-IRON	02205508
GE-T 65-75	A + B	BLACK	CAST-IRON	02206500
GE-T 65-75	A + B	RED	CAST-IRON	02206501
GE-T 65-75	A + A	BLACK	CAST-IRON	02206502
GE-T 65-75	A + A	RED	CAST-IRON	02206503
GE-T 65-75	B + B	BLACK	CAST-IRON	02206504
GE-T 65-75	B + B	RED	CAST-IRON	02206505
GE-T 65-75	A + B	YELLOW	CAST-IRON	02206506
GE-T 65-75	A + A	YELLOW	CAST-IRON	02206507
GE-T 65-75	B + B	YELLOW	CAST-IRON	02206508
GE-T 75-90	A + B	BLACK	CAST-IRON	02207500
GE-T 75-90	A + B	RED	CAST-IRON	02207501
GE-T 75-90	A + A	BLACK	CAST-IRON	02207502
GE-T 75-90	A + A	RED	CAST-IRON	02207503
GE-T 75-90	B + B	BLACK	CAST-IRON	02207504
GE-T 75-90	B + B	RED	CAST-IRON	02207505
GE-T 75-90	A + B	YELLOW	CAST-IRON	02207506
GE-T 75-90	A + A	YELLOW	CAST-IRON	02207507
GE-T 75-90	B + B	YELLOW	CAST-IRON	02207508
GE-T 90-100	A + B	BLACK	CAST-IRON	02209000
GE-T 90-100	A + B	RED	CAST-IRON	02209001
GE-T 90-100	A + A	BLACK	CAST-IRON	02209002
GE-T 90-100	A + A	RED	CAST-IRON	02209003
GE-T 90-100	B + B	BLACK	CAST-IRON	02209004
GE-T 90-100	B + B	RED	CAST-IRON	02209005
GE-T 90-100	A + B	YELLOW	CAST-IRON	02209006
GE-T 90-100	A + A	YELLOW	CAST-IRON	02209007
GE-T 90-100	B + B	YELLOW	CAST-IRON	02209008



ALUMINIUM ALLOY

INTERPRETATION CODES

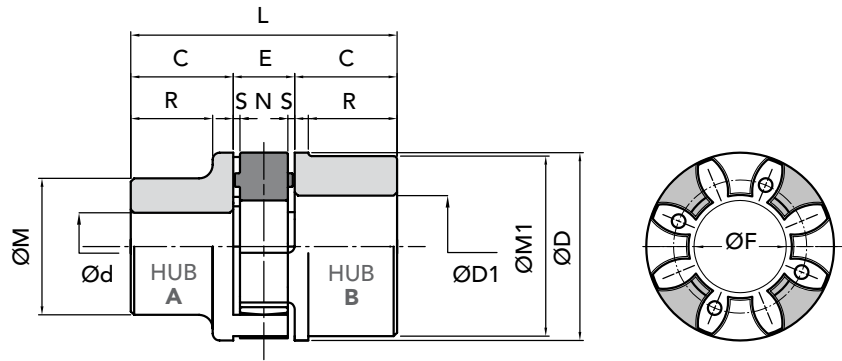
EXAMPLE

GE-T 19A-24B/AI = HUB A + HUB B

GE-T 19A-19A/AI = 2 hubs A

GE-T 24B-24B/AI = 2 hubs B

The characteristic size of the coupling is defined by the maximum diameter bore.



PART NUMBERS

COUPLING TYPE	PART NUMBER HUB		Spider BLACK	Spider RED	Polyurethane YELLOW spider
	A	B	92/94 shore A	96/98 shore A	92/94 shore A
GE-T 19A-24B/AI	02301920	02301940	02001910	02001911	02001912
GE-T 24A-32B/AI	02302420	02302440	02002410	02002411	02002412
GE-T 28A-38B/AI	02302820	02302840	02002810	02002811	02002812
GE-T 38A-45B/AI	02303820	02303840	02003810	02003811	02003812

MEASUREMENTS - WEIGHTS

COUPLING TYPE	Ø pilot bore		Ø finished bore		measurement in mm normal range										Weight Kg			J
	A	B	Ød max	ØD1 max	C	ØD	E	ØF	ØM	ØM1	N	R	S	L	spider	HUB A	HUB B	hubs A+B
	GE-T 19A-24B/AI	6	10	19	24	25	40	16	18	30	40	12	19	2	66	0,005	0,07	0,08
GE-T 24A-32B/AI	8	14	24	32	30	55	18	27	40	55	14	24	2	78	0,014	0,13	0,18	1
GE-T 28A-38B/AI	10	16	28	38	35	65	20	30	48	65	15	27,5	2,5	90	0,025	0,22	0,3	3
GE-T 38A-45B/AI	12	20	38	45	45	80	24	38	66	78	18	36,5	3	114	0,042	0,48	0,55	8

J inertia torque HUB A+B with bore max Ø

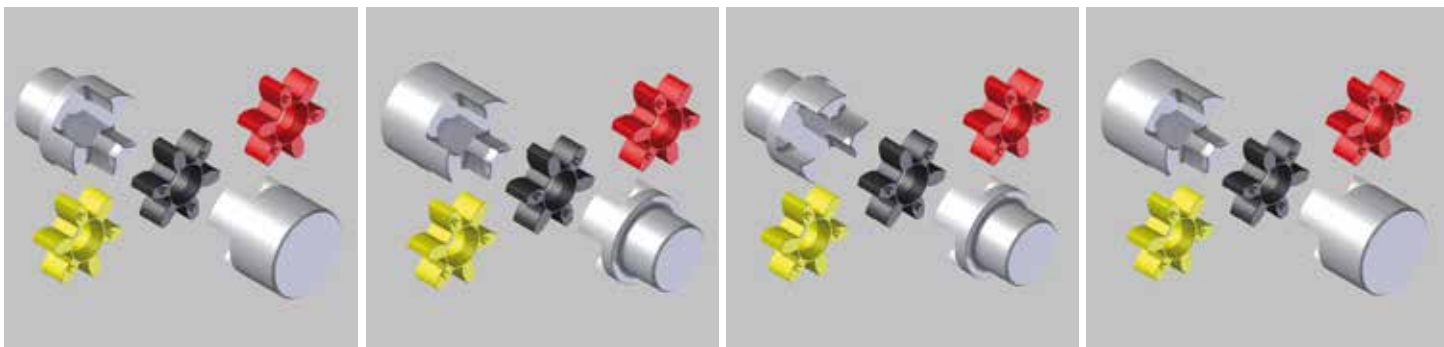
"GIFLEX®" SERIE GE-T with ELASTIC SPIDER ACCURATE EXECUTION

HUB A - B

HUB B - A

HUB A - A

HUB B - B



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

IMPORTANT

The couplings can be ordered complete, or for single components: HUB 1 + Spider + HUB 2

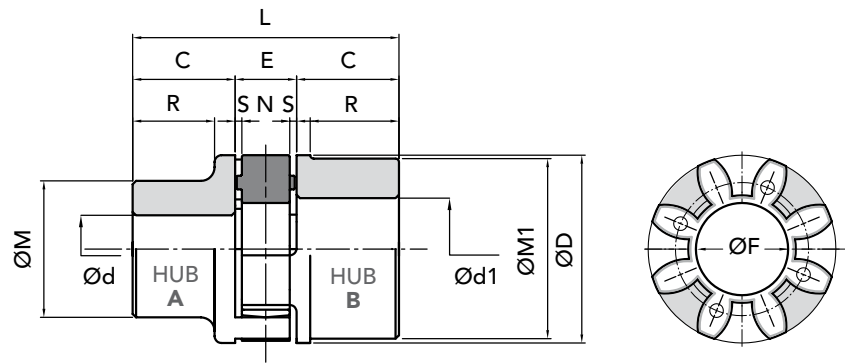
CAD drawings available on our site www.chiaravalli.com

Quantity, availability and prices on B2B Chiaravalli




ALUMINIUM ALLOY
INTERPRETATION CODES
EXAMPLE
GE-T 19A-24B/AI = HUB A + HUB B
GE-T 19A-24B/AI = HUB B + HUB A
GE-T 19A-19A/AI = 2 hubs A
GE-T 24B-24B/AI = 2 hubs B

The characteristic size of the coupling is defined by the maximum diameter bore.


PART NUMBERS FOR COMPLETE COUPLINGS

COUPLING TYPE	HUB	COLOR SPIDER	MATERIAL	PART NUMBERS FOR COMPLETE COUPLINGS
GE-T 19-24	A + B	BLACK	ALUMINIUM	02301900
GE-T 19-24	A + B	RED	ALUMINIUM	02301901
GE-T 19-24	A + A	BLACK	ALUMINIUM	02301902
GE-T 19-24	A + A	RED	ALUMINIUM	02301903
GE-T 19-24	B + B	BLACK	ALUMINIUM	02301904
GE-T 19-24	B + B	RED	ALUMINIUM	02301905
GE-T 19-24	A + B	YELLOW	ALUMINIUM	02301906
GE-T 19-24	A + A	YELLOW	ALUMINIUM	02301907
GE-T 19-24	B + B	YELLOW	ALUMINIUM	02301908
GE-T 24-32	A + B	BLACK	ALUMINIUM	02302400
GE-T 24-32	A + B	RED	ALUMINIUM	02302401
GE-T 24-32	A + A	BLACK	ALUMINIUM	02302402
GE-T 24-32	A + A	RED	ALUMINIUM	02302403
GE-T 24-32	B + B	BLACK	ALUMINIUM	02302404
GE-T 24-32	B + B	RED	ALUMINIUM	02302405
GE-T 24-32	A + B	YELLOW	ALUMINIUM	02302406
GE-T 24-32	A + A	YELLOW	ALUMINIUM	02302407
GE-T 24-32	B + B	YELLOW	ALUMINIUM	02302408
GE-T 28-38	A + B	BLACK	ALUMINIUM	02302800
GE-T 28-38	A + B	RED	ALUMINIUM	02302801
GE-T 28-38	A + A	BLACK	ALUMINIUM	02302802
GE-T 28-38	A + A	RED	ALUMINIUM	02302803
GE-T 28-38	B + B	BLACK	ALUMINIUM	02302804
GE-T 28-38	B + B	RED	ALUMINIUM	02302805
GE-T 28-38	A + B	YELLOW	ALUMINIUM	02302806
GE-T 28-38	A + A	YELLOW	ALUMINIUM	02302807
GE-T 28-38	B + B	YELLOW	ALUMINIUM	02302808
GE-T 38-45	A + B	BLACK	ALUMINIUM	02303800
GE-T 38-45	A + B	RED	ALUMINIUM	02303801
GE-T 38-45	A + A	BLACK	ALUMINIUM	02303802
GE-T 38-45	A + A	RED	ALUMINIUM	02303803
GE-T 38-45	B + B	BLACK	ALUMINIUM	02303804
GE-T 38-45	B + B	RED	ALUMINIUM	02303805
GE-T 38-45	A + B	YELLOW	ALUMINIUM	02303806
GE-T 38-45	A + A	YELLOW	ALUMINIUM	02303807
GE-T 38-45	B + B	YELLOW	ALUMINIUM	02303808



CAST-IRON GG25

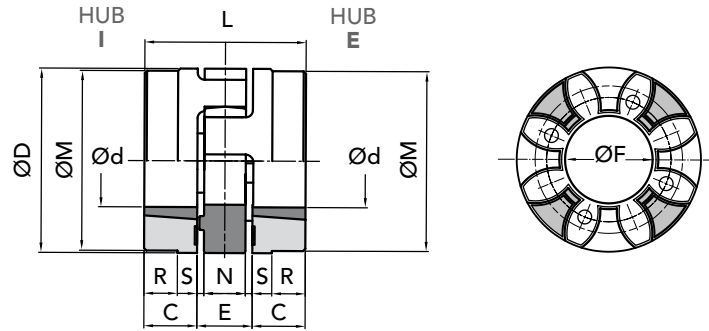
with **TAPER BUSH® LOCK**

INTERPRETATION CODES

EXAMPLE

- GE-T 28I-38E** = HUB I + HUB E
- GE-T 28E-38I** = HUB E + HUB I
- GE-T 28I-28I** = 2 hubs I
- GE-T 38E-38E** = 2 hubs E

Insertion bush:
 HUB **I** with internal assembled bush
 HUB **E** with external assembled bush



PART NUMBERS FOR COMPLETE COUPLINGS

COUPLING TYPE	PART NUMBER HUB I	PART NUMBER HUB E	Spider	Spider	Polyurethane
			BLACK 92/94 shore A	RED 96/98 shore A	YELLOW spider 92/94 shore A
GE-T 28-38 TL	03202841	03202840	02002810	02002811	02002812
GE-T 38-45 TL	03203841	03203840	02003810	02003811	02003812
GE-T 42-55 TL	03204241	03204240	02004210	02004211	02004212
GE-T 48-60 TL	03204841	03204840	02004810	02004811	02004812
GE-T 55-70 TL	03205541	03205540	02005510	02005511	02005512
GE-T 75-90 TL	03207541	03207540	02007510	02007511	02007512

MEASUREMENTS - WEIGHTS

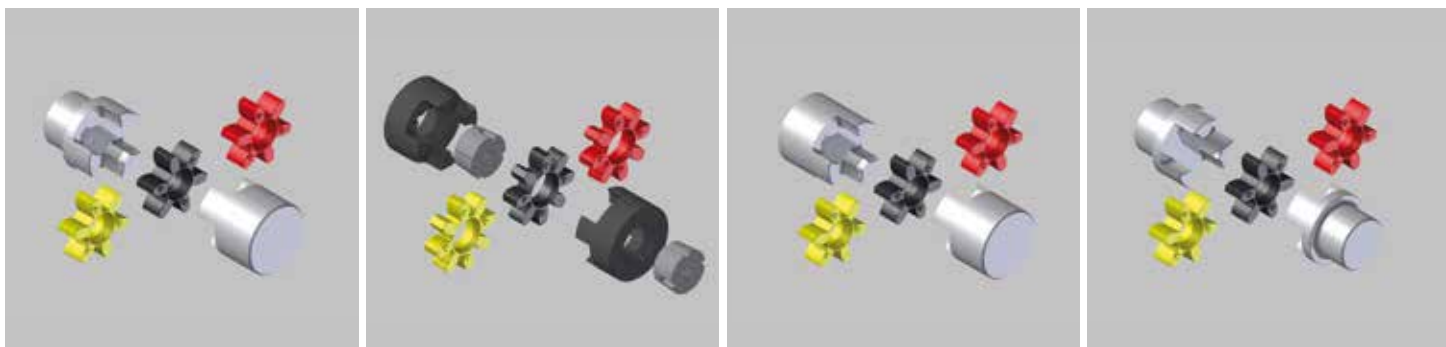
COUPLING TYPE	Ø pilot bore	finished bore		measurement in mm normal range								Weight Kg		J Kg cm ² hubs	
		Ød max	ØD1 max	C	ØD	E	ØF	ØM	N	S	L	R	spider		HUB bore max
GE-T 28-38 TL	1108	14	25	23	65	20	30	65	15	2,5	66	-	0,025	0,50	7
GE-T 38-45 TL	1108	14	25	23	80	24	38	78	18	3	70	15	0,042	0,88	26
GE-T 42-55 TL	1610	14	42	26	95	26	46	94	20	3	78	16	0,066	1,40	36
GE-T 48-60 TL	1615	19	40	39	105	28	51	104	21	3,5	106	28	0,088	2,33	78
GE-T 55-70 TL	2012	19	50	33	120	30	60	118	22	4	96	20	0,116	2,42	120
GE-T 75-90 TL	2517	19	65	57	160	40	80	158	30	5	154	41	0,325	6,80	630

HUB I - E

HUB E - I

HUB I - I

HUB E - E



IMPORTANT

The couplings can be ordered complete, or for single components: HUB 1 + Spider + HUB 2

CAD drawings available on our site
www.chiaravalli.com

Quantity, availability and prices on B2B Chiaravalli





CAST-IRON GG25

with **TAPER BUSH® LOCK**

INTERPRETATION CODES

EXAMPLE

GE-T 28I-38E = HUB I + HUB E

GE-T 28E-38I = HUB E + HUB I

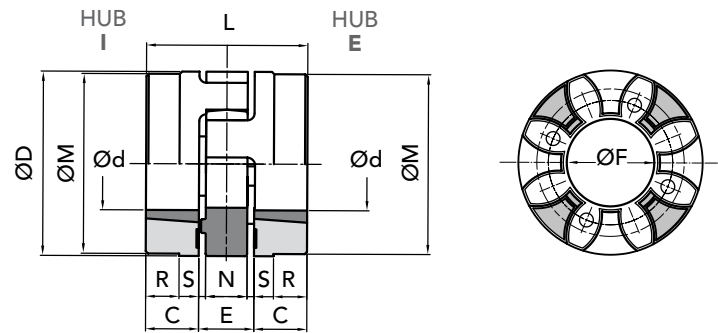
GE-T 28I-28I = 2 hubs I

GE-T 38E-38E = 2 hubs E

Insertion bush:

HUB **I** with internal assembled bush

HUB **E** with external assembled bush



PART NUMBERS FOR COMPLETE COUPLINGS

COUPLING TYPE	HUB	COLOR SPIDER	MATERIAL	PART NUMBERS FOR COMPLETE COUPLINGS
GE-T 28-38	E + I	BLACK	CAST-IRON	03202800
GE-T 28-38	E + I	RED	CAST-IRON	03202801
GE-T 28-38	E + E	RED	CAST-IRON	03202802
GE-T 28-38	I + I	RED	CAST-IRON	03202803
GE-T 28-38	E + E	BLACK	CAST-IRON	03202804
GE-T 28-38	I + I	BLACK	CAST-IRON	03202805
GE-T 28-38	E + I	YELLOW	CAST-IRON	03202806
GE-T 28-38	E + E	YELLOW	CAST-IRON	03202807
GE-T 28-38	I + I	YELLOW	CAST-IRON	03202808
GE-T 38-45	E + I	BLACK	CAST-IRON	03203800
GE-T 38-45	E + I	RED	CAST-IRON	03203801
GE-T 38-45	E + E	RED	CAST-IRON	03203802
GE-T 38-45	I + I	RED	CAST-IRON	03203803
GE-T 38-45	E + E	BLACK	CAST-IRON	03203804
GE-T 38-45	I + I	BLACK	CAST-IRON	03203805
GE-T 38-45	E + I	YELLOW	CAST-IRON	03203806
GE-T 38-45	E + E	YELLOW	CAST-IRON	03203807
GE-T 38-45	I + I	YELLOW	CAST-IRON	03203808
GE-T 42-55	E + I	BLACK	CAST-IRON	03204200
GE-T 42-55	E + I	RED	CAST-IRON	03204201
GE-T 42-55	E + E	RED	CAST-IRON	03204202
GE-T 42-55	I + I	RED	CAST-IRON	03204203
GE-T 42-55	E + E	BLACK	CAST-IRON	03204204
GE-T 42-55	I + I	BLACK	CAST-IRON	03204205
GE-T 42-55	E + I	YELLOW	CAST-IRON	03204206
GE-T 42-55	E + E	YELLOW	CAST-IRON	03204207
GE-T 42-55	I + I	YELLOW	CAST-IRON	03204208
GE-T 48-60	E + I	BLACK	CAST-IRON	03204800
GE-T 48-60	E + I	RED	CAST-IRON	03204801
GE-T 48-60	E + E	RED	CAST-IRON	03204802
GE-T 48-60	I + I	RED	CAST-IRON	03204803
GE-T 48-60	E + E	BLACK	CAST-IRON	03204804
GE-T 48-60	I + I	BLACK	CAST-IRON	03204805
GE-T 48-60	E + I	YELLOW	CAST-IRON	03204806
GE-T 48-60	E + E	YELLOW	CAST-IRON	03204807
GE-T 48-60	I + I	YELLOW	CAST-IRON	03204808
GE-T 55-70	E + I	BLACK	CAST-IRON	03205500
GE-T 55-70	E + I	RED	CAST-IRON	03205501
GE-T 55-70	E + E	RED	CAST-IRON	03205502
GE-T 55-70	I + I	RED	CAST-IRON	03205503
GE-T 55-70	E + E	BLACK	CAST-IRON	03205504
GE-T 55-70	I + I	BLACK	CAST-IRON	03205505
GE-T 55-70	E + I	YELLOW	CAST-IRON	03205506
GE-T 55-70	E + E	YELLOW	CAST-IRON	03205507
GE-T 55-70	I + I	YELLOW	CAST-IRON	03205508
GE-T 75-90	E + I	BLACK	CAST-IRON	03207500
GE-T 75-90	E + I	RED	CAST-IRON	03207501
GE-T 75-90	E + E	RED	CAST-IRON	03207502
GE-T 75-90	I + I	RED	CAST-IRON	03207503
GE-T 75-90	E + E	BLACK	CAST-IRON	03207504
GE-T 75-90	I + I	BLACK	CAST-IRON	03207505
GE-T 75-90	E + I	YELLOW	CAST-IRON	03207506
GE-T 75-90	E + E	YELLOW	CAST-IRON	03207507
GE-T 75-90	I + I	YELLOW	CAST-IRON	03207508



EXAMPLES OF APPLICATION

With three-phase motors 50Hz
 maximum r.p.m. 3000

Technical data under reported as the
 typology of the coupling do not engage
 the CHIARAVALLI GROUP SpA and are
 shown only for application example.



MOTOR ELECTRIC TYPE	Ø d MOTOR SHAFT	Motor Power output at 50 Hz n = 3000 min		COUPLING	
		P (kW)	T (Nm)	TYPE GE-T	Fs
80	19	1,1	3,6	19/24	5,4
90 S	24	1,5	4,9		4,0
90 L	24	2,2	7,2		2,7
100 L	28	3	9,8	24/32	7,1
112 M	28	4	13,1		5,4
132 S	38	7,5	-	28/38	7,6
132 M	38	-	-		-
160 M	42	15	49	38/45	7,8
160 L	42	18,5	60		6,3
180 M	48	22	72	42/55	7,5
180 L	48	-	-		-
200 L	55	37	121		4,4
225 S	60	-	-	48/60	-
225 M	60	45	47		3,7
250 M	65	55	180		3,5
280 S	75	75	246	55/70	3,1
280 M	75	90	295		2,6
315 S	80	110	360		2,1
315 M	80	132	433	75/90	4,6
315 L	80	200	656		3,0
355 L	100	315	1010	90/100	4,8
400 L	100	400	1280		3,8

SERIES GE-T COUPLING EXAMPLE OF APPLICATION for STANDARD MOTOR CE



INTRODUCTION

The aluminium flexible couplings GE-T SG are made of three pre-tensioned elements in backlash-free execution. They are meant for the coupling mounting and they are designed to fit low torque working units and industrial processing, where they must satisfy certain requirements.

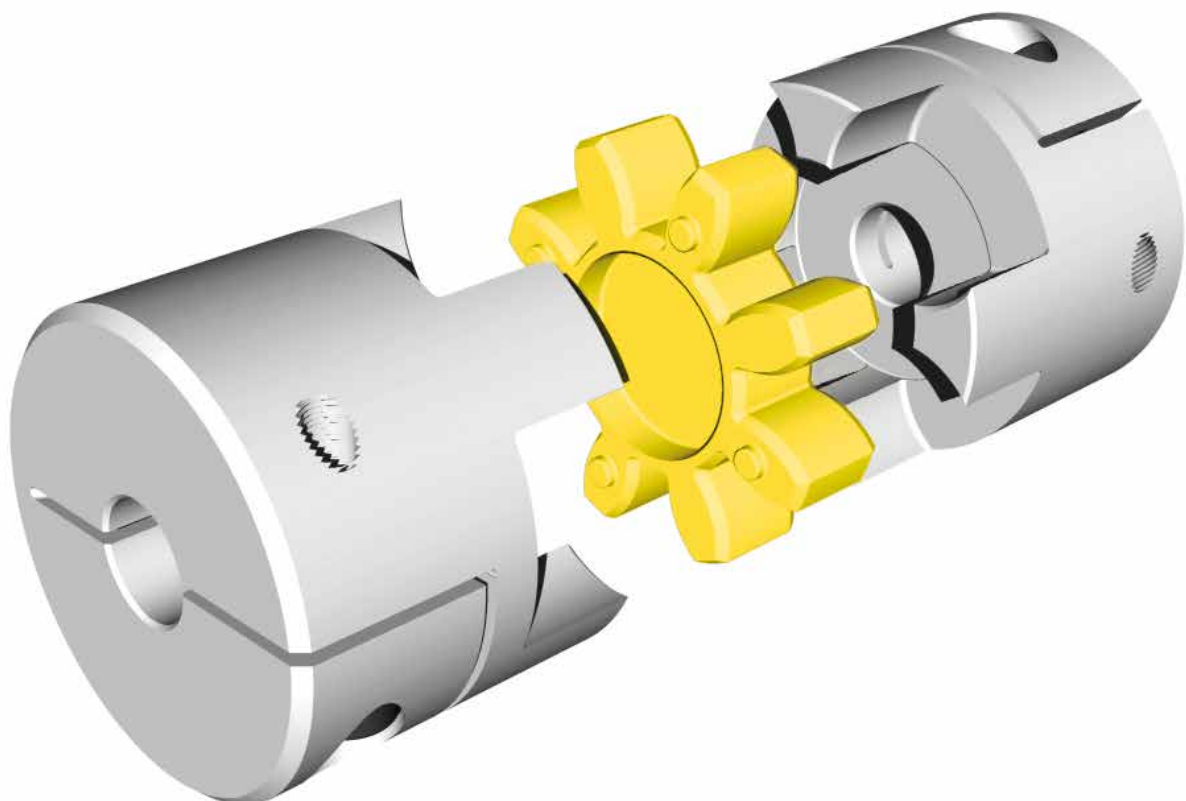
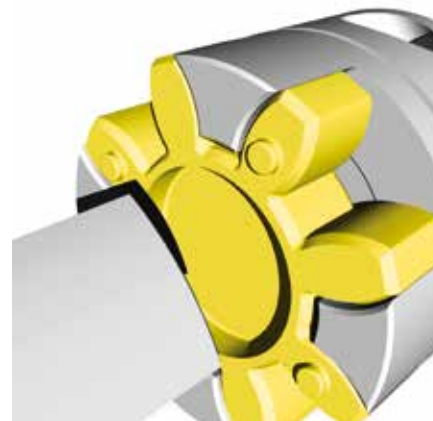
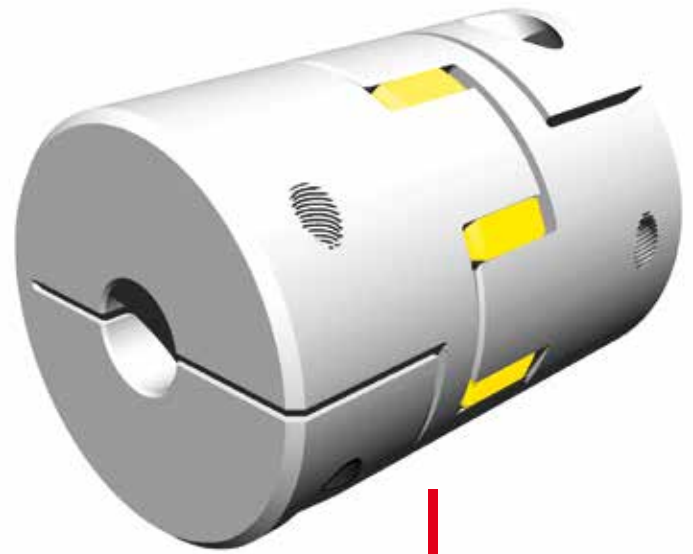
Thanks to their limited dimensions and their easy mounting, they can operate in little space and any project can take big advantages of it.

FEATURES

The buckle tightening guarantees a quick and sure fixing without extension between shaft and hub. It is however important to keep the screw tightening torque (MS) shown in the table.

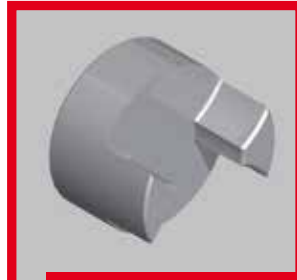
Besides testing the size of the coupling given in the table, it is suggested to test the maximum torque of buckle to diameter (F).

The elastomeric element, that has a star shape, is set into the hubs' hollow seats with a light pre-tensioning, ensuring the needed transmission torque backlash-free execution.





HUB EXECUTION A



HUB EXECUTION B

The difference between Hub Execution A and Hub Execution B is given by the hub dimensions.

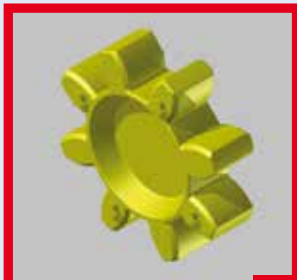


HUB EXECUTION C



HUB EXECUTION D

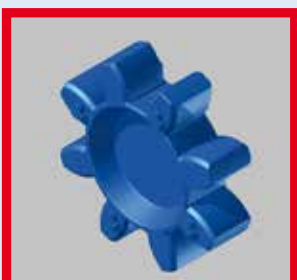
The difference between Hub Execution C and Hub Execution D is given by the side cuts.



YELLOW POLYURETHANE SPIDER



RED ELASTOMER SPIDER

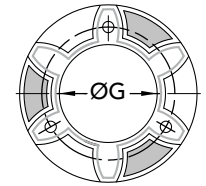
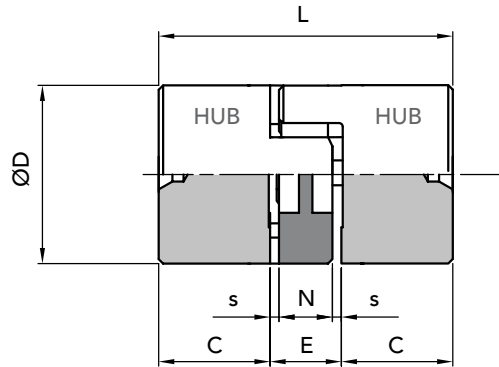


BLU ELASTOMER SPIDER


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

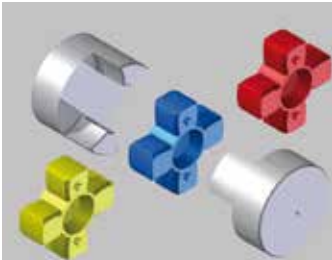
COUPLING TYPE	HARDNESS		r.p.m. max	Nm		Stiffness			Weight kg.		Max inertia moment
	WITH SPIDER			Tk n couple	Tk max couple	Tors. static	Tors. dynam.	radial			
GE-T 09 SG	80	4 punte	28000	1,8	3,6	17,02	52	125	0,009	0,002	0,57
	92/94	4 punte		3,0	6,0	31,5	95	262			
	96/98	4 punte		5,0	10,0	51,5	150	518			
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.

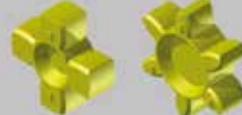
COUPLING TYPE	PART NUMBER HUB SOLID	Polyurethane BLU	Polyurethane RED	Polyurethane YELLOW
		80 shore A	96/98 shore A	92/94 shore A
GE-T 09 SG	02509200	02509102	02509104	02509100
GE-T 14 SG	02514200	02514102	02514104	02514100
GE-T 19-24 SG	02519200	02519102	02519104	02519100

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	1,5
GE-T 19-24 SG	10	20	40	18	66	25	16	12	2,0

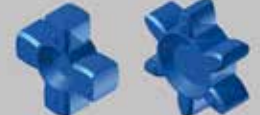

GE-T COUPLING SG WITH HUB EXECUTION A SOLID IN ALUMINIUM

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

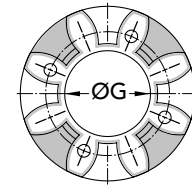
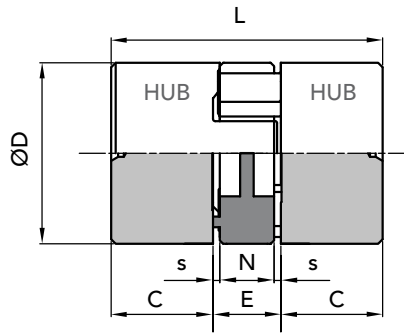
SOLID IN ALUMINIUM

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

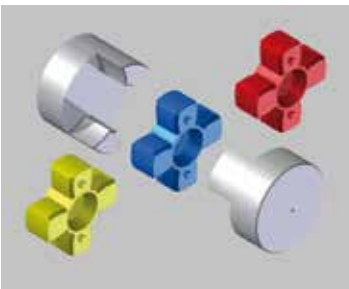
COUPLING TYPE	HARDNESS	r.p.m.	Nm		Stiffness			Weight kg.		Max inertial moment
			WITH SPIDER	max	couple	couple	Tors. statica	Tors. dinam.	radial	
GE-T 24-28 SG	80 6 punte	10600		17,0	34,0				0,132 0,018	58,30
	92/94 6 punte		35,0	70,0	1432,0	4296	1480			
	96/98 6 punte		60,0	120,0	2063,0	6189	2560			
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=30m/s dynamic balancing is needed.

COUPLING TYPE	PART NUMBER	HUB SOLID	Polyurethane BLU	Polyurethane RED	Polyurethane YELLOW
			80 shore A	96/98 shore A	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
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	Polyurethane RED	Polyurethane BLU
	OPERATING TEMPERATURES - 40° + 90°	OPERATING TEMPERATURES - 30° + 90°	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

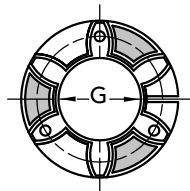
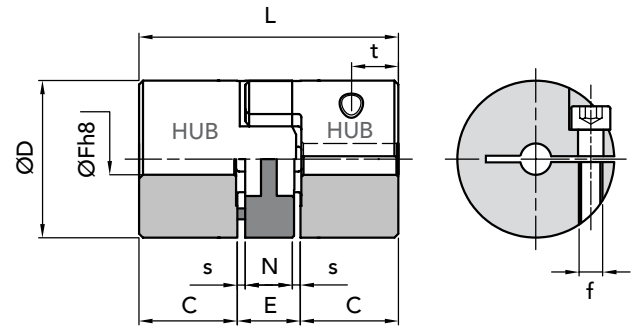
CAD drawings available on our site www.chiaravalli.com

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**

 with spider
6 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 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.

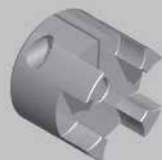
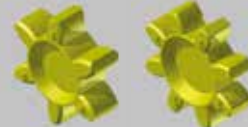
COUPLING TYPE	PART NUMBER HUB EXECUTION C WITH SIMPLE CUT	Polyurethane BLU 80 shore A	Polyurethane RED 96/98 shore A	Polyurethane YELLOW 92/94 shore A
GE-T 09 SG	025092-- + Ø bore	02509102	02509104	02509100
GE-T 14 SG	025142-- + Ø bore	02514102	02514104	02514100
GE-T 19-24 SG	025192-- + Ø bore	02519102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

DIMENSIONS

COUPLING TYPE	Version	ØF available holes with H8 tolerance	ØF available holes										Ms screws (Nm) clamping torque	
			ØD	ØG	L	C	E	N	s	f		t		
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		

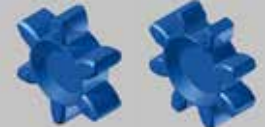

GE-T COUPLING SG WITH HUB EXECUTION C SIMPLE CUT ALUMINIUM ALLOY

HUB


 Polyurethane **YELLOW**

 OPERATING TEMPERATURES
- 40° + 90°

 Polyurethane **RED**

 OPERATING TEMPERATURES
- 30° + 90°

 Polyurethane **BLU**

 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

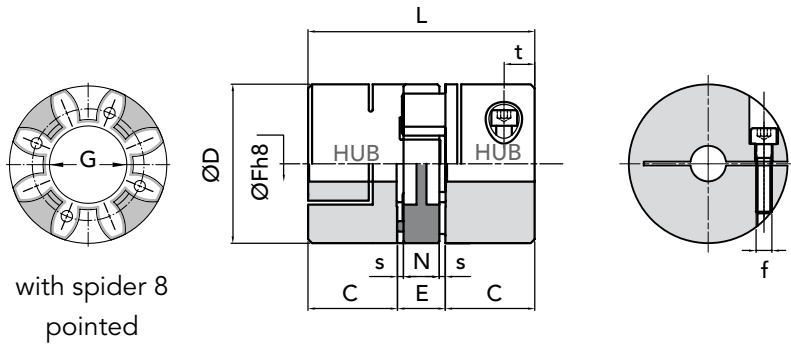
with spider

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.	Nm		Stiffness			Weight kg.		Max inertial moment
	WITH SPIDER			Tk n	Tk max	Tors. static	Tors. dynam.	radial			
GE-T 24-28 SG	80	8 POINTED	max	couple	couple				0,132	0,018	58,30
	92/94	8 punte		17,0	34,0	1432,0	4296	1480			
	96/98	8 punte		10600	35,0	70,0	2063,0	6189			
GE-T 28-38 SG	80	8 punte	8500	couple	couple				0,253	0,029	216,80
	92/94	8 punte		46,0	92,0	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	couple	couple				0,455	0,049	445,20
	92/94	8 punte		94,0	188,0	4589,0	13752	2350			
	96/98	8 punte		190,0	380,0	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	Polyurethane	Polyurethane
		BLU	RED	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	ØD ØG L C E N s f								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	Polyurethane RED	Polyurethane BLU
	OPERATING TEMPERATURES - 40° + 90°	OPERATING TEMPERATURES - 30° + 90°	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

"GIFLEX®" SERIES GES-T BACKLASH-FREE TORSIONAL COUPLING EXECUTION HUB D