

Elastic Joints

GIUBO

Proprietà

- "GIUBO" flexible transmission joints are comprised of a pre-stressed hexagonal or octagonal elastic rubber section, with integral metal reinforcements that have fixing screw holes at the apexes
- they have exceptional elastic properties that allow:
 - very effective attenuation of cyclic irregularity and peak torque
 - a large safety margin and excellent resistance to twisting, thanks to the pre-stressing
 - the ability to accept misalignment that is difficult to find in other joints
- pre-stressing, obtained by wrapping the elastic section with a metal band, guarantees to keep twisting torque values within prudential limits to the benefit of safety and durability
- it's recommended to remove the metal pre-stressing band only when installation is completed
- the dimensions shown in the table below refer to the conditions of pre-stressing



Code - T2GIU....

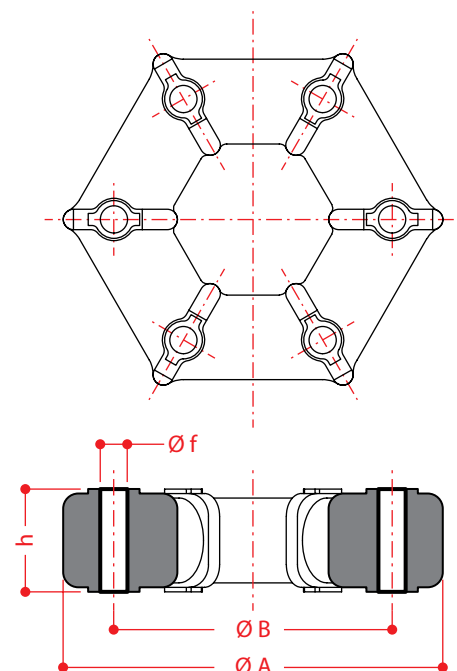
Material - Nylon FV/NBR/Metal

Temperature - -35 ÷ +80 °C

Dimensions type HEXAGONAL

Item	Type	Rubber Block			Metal Inserts			Material
		ØA	Dimesion Section	Shape *	ØB	h	ØF	
		mm	mm	Section	mm	mm	mm	
81487	E	91	Ø 22	C	65	28	8	Fe
80998	E	108	Ø 26	C	76	31	10	Fe
81144	E	118	Ø 27	C	85	32	10	Al
83052	E	118	Ø 27	C	85	40	10	Fe
83409	E	125	Ø 32	C	85	40	10	Al
81156/2	E	134	Ø 30	C	96	40	10	Fe
82931	E	142	Ø 35	C	100	46	12	Fe
84572	E	142	Ø 35	C	100	46	12	Al
84396	E	146	36x39	R	100	46	12	Fe
84072	E	181	Ø 40	C	132	50	14	Fe
81205	E	234	Ø 50	C	170	62	20	Fe
81574	E	254	Ø 56	C	186	68	20	Fe

* C circular - R rectangular

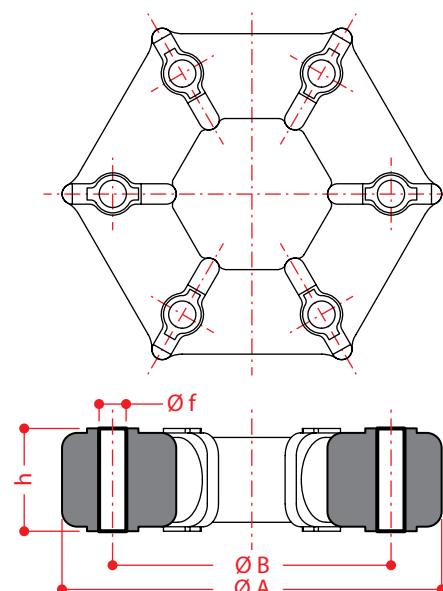


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Performance type HEXAGONAL

Item	Type	Twisting Couple		Cardan Angle operating °gradi	Axial Misalignment operating ± mm	Twisting Stiffness daN/m	Rotation Speed Max giri/min
		operating daN/m	Max daN/m				
81487	E	4	10	3	3	0,5	11000
80998	E	7	17,5	3	4	0,9	9500
81144	E	8,5	21	3	4,5	1	8500
83052	E	8,5	21	3	4,5	1	8500
83409	E	11	27	3	4,5	1,4	8000
81156/2	E	12	30	3	5	1,4	7500
82931	E	16	40	3	5	2	7500
84572	E	16	40	3	5	2	7500
84396	E	27	67	3	5	2,9	7000
84072	E	30	75	3	7	3,3	5500
81205	E	55	140	3	8	7	4000
81574	E	80	200	3	9,5	9	3500



Dimensions type OCTAGONAL

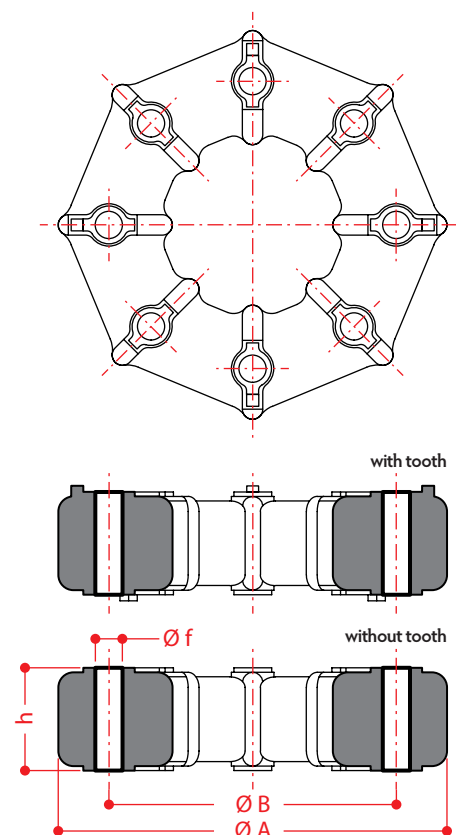
Item	Type	Rubber Block			Metal Inserts			
		ØA mm	Dimesion Section mm	Shape * Section	ØB mm	h mm	ØF mm	Material
83249/1	O	157	Ø 35	C	116	46	12	Fe
84395	O	159	36x38	R	116	46	12	Fe
81894	O	172	Ø 42	C	122	52	16	Fe
83126 **	O	172	Ø 42	Q	122	57	16	Fe
84801	O	172	42x43	R	122	52	16	Fe
81743	O	257	Ø 56	C	190	68	20	Fe
81206	O	281	Ø 60	C	210	78	20	Fe
83008	O	380	Ø 80	C	280	100	26	Fe

* C circular - R rectangular - Q square ** With tooth

Performance type OCTAGONAL

Item	Type	Twisting Couple		Cardan Angle operating °gradi	Axial Misalignment operating ± mm	Twisting Stiffness daN/m	Rotation Speed Max giri/min
		operating daN/m	Max daN/m				
83249/1	O	25	62	2	4	5	6500
84395	O	37	92	2	4	7	6500
81894	O	40	100	2	4	8	6500
83126 **	O	50	125	2	4	10	6500
84801	O	50	125	2	4	10	6500
81743	O	90	225	2	6,5	18	4000
81206	O	120	300	2	7,5	19	3000
83008	O	240	600	2	10	70	2000

** With tooth



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