

TISA



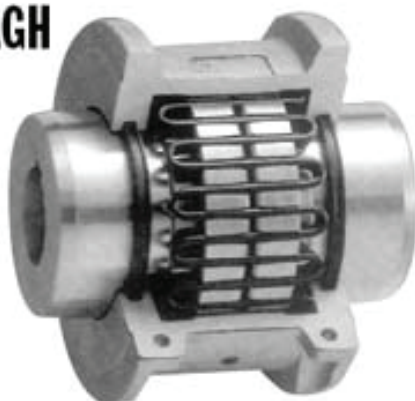
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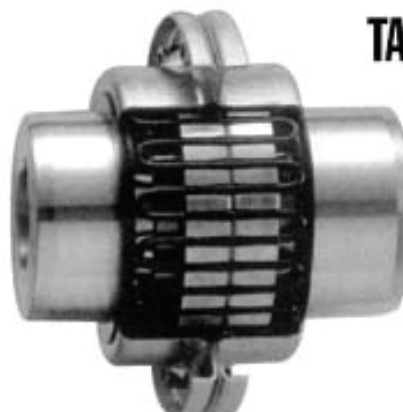
GRILLAS

ACOPLAMIENTOS DE GRADE  Tabela de Intercambiabilidade
ACOPLAMIENTOS DE GRILLA  Tabla de Intercambio
GRID COUPLINGS  Interchange Chart

TAGH



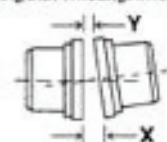
TAGV



tamaño tamaño TECNON size	tamaño tamaño Lovejoy size	Tampa... / Cubierta... / Horizontal split cover				Tampa... / Cubierta... / Vertical split cover			
		Falk Steelflex	Morse/ Browning Grid-Flex	Dodge Grid-Lign	Kop-Flex Kop-Grid	Falk Steelflex	Morse/ Browning Grid-Flex	Dodge Grid-Lign	Kop-Flex Kop-Grid
1020	1020	1020T10	GF2020H	1020T10	1020H	1020T20	GF2020V	1020T20	1020V
1030	1030	1030T10	GF2030H	1030T10	1030H	1030T20	GF2030V	1030T20	1030V
1040	1040	1040T10	GF2040H	1040T10	1040H	1040T20	GF2040V	1040T20	1040V
1050	1050	1050T10	GF2050H	1050T10	1050H	1050T20	GF2050V	1050T20	1050V
1060	1060	1060T10	GF2060H	1060T10	1060H	1060T20	GF2060V	1060T20	1060V
1070	1070	1070T10	GF2070H	1070T10	1070H	1070T20	GF2070V	1070T20	1070V
1080	1080	1080T10	GF2080H	1080T10	1080H	1080T20	GF2080V	1080T20	1080V
1090	1090	1090T10	GF2090H	1090T10	1090H	1090T20	GF2090V	1090T20	1090V
1100	1100	1100T10	GF2100H	1100T10	1100H	1100T20	GF2100V	1100T20	1100V
1110	1110	1110T10	GF2110H	1110T10	1110H	1110T20	GF2110V	1110T20	1110V
1120	1120	1120T10	GF2120H	1120T10	1120H	1120T20	GF2120V	1120T20	1120V
1130	1130	1130T10	GF2130H	1130T10	1130H	1130T20	GF2130V	1130T20	1130V
1140	1140	1140T10	GF2140H	1140T10	1140H	1140T20	GF2140V	1140T20	1140V
1150	1150	1150T10							
1160	1160	1160T10							
1170	1170	1170T10							
1180	1180	1180T10							

Tamanho Tamaño Size	Instalação Instalación Installation		Operação Operación Operation		Normal gap ±10% G
	Parallel P	Angular X-Y	Parallel P	Angular X-Y	
1020	0.015	0.008	0.030	0.025	0.317
1030	0.015	0.008	0.030	0.030	0.317
1040	0.015	0.008	0.030	0.033	0.317
1050	0.020	0.010	0.041	0.041	0.317
1060	0.020	0.013	0.041	0.046	0.317
1070	0.020	0.013	0.041	0.051	0.317
1080	0.020	0.015	0.041	0.061	0.317
1090	0.020	0.018	0.041	0.071	0.317
1100	0.025	0.020	0.051	0.084	0.477
1110	0.025	0.023	0.051	0.091	0.477
1120	0.028	0.025	0.056	0.102	0.635
1130	0.028	0.030	0.056	0.119	0.635
1140	0.028	0.033	0.056	0.135	0.635
1150	0.025	0.036			0.630
1160	0.025	0.036			0.630
1170	0.025	0.036			0.630
1180	0.025	0.036			0.630

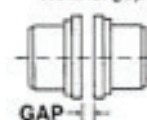
Desalinhamento angular
Desalineamiento angular
Angular misalignment



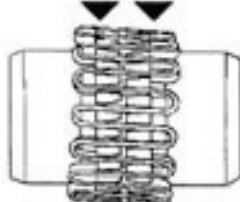
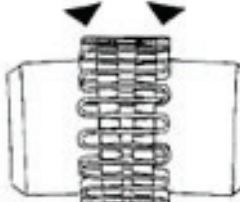
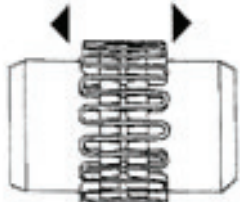
Desalinhamento paralelo
Desalineamiento paralelo
Parallel misalignment



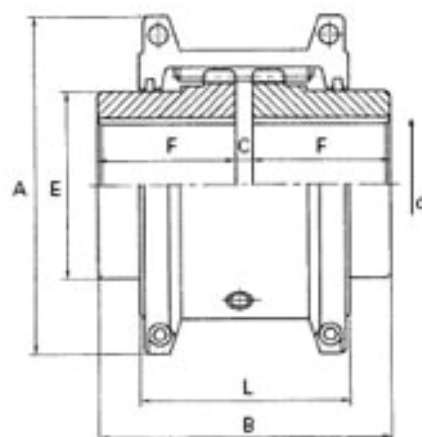
Normal gap



Os valores de desalinhamento são para os acoplamentos padrão e os com espaçador.
Los valores de desalineamiento son para los acoplos normales y los acoplamientos con separador.
Misalignment ratings are for regular couplings and spacer type couplings.

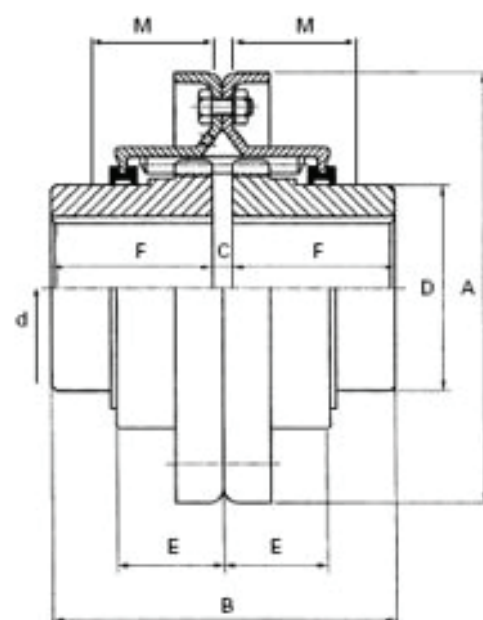
Paralelo / Parallel	Angular	Axial
 O movimento das grades nas ranhuras dos cubos permite o desalinhamento paralelo e ainda assim, o sistema grade-ranhura consegue absorver as vibrações e choques. El movimiento de la grilla en las ranuras de los cubos permite el desalineamiento paralelo y aun así el sistema grilla-ranura absorbe las vibraciones y los choques. The movement of the grid in the hub grooves accommodates parallel misalignment and still permits full functioning of the grid-groove action in damping out shock and vibration.	 Sob desalinhamento angular, o projeto do conjunto grade-ranhura permite o deslizamento axial e deslocamento angular sem perda de potência através da resiliência da grade. Bajo desalineamientos angulares, el diseño del conjunto grilla-ranura permite el deslizamiento axial y desplazamiento angular sin pérdida de potencia a través de la resiliencia de la grilla. Under angular misalignment, the grid-groove design permits a rocking and sliding action of the grid and hubs without any loss of power through the resilient grid.	 O deslocamento axial é permitido tanto no eixo motriz como no eixo movido, pois a grade se desloca livremente entre as ranhuras dos cubos. El desplazamiento axial está permitido tanto en el eje motriz como en el eje movido porque la grilla se desliza libremente en las ranuras. End float is permitted for both driving and driven members because the grids slide freely in the grooves.

TAGH



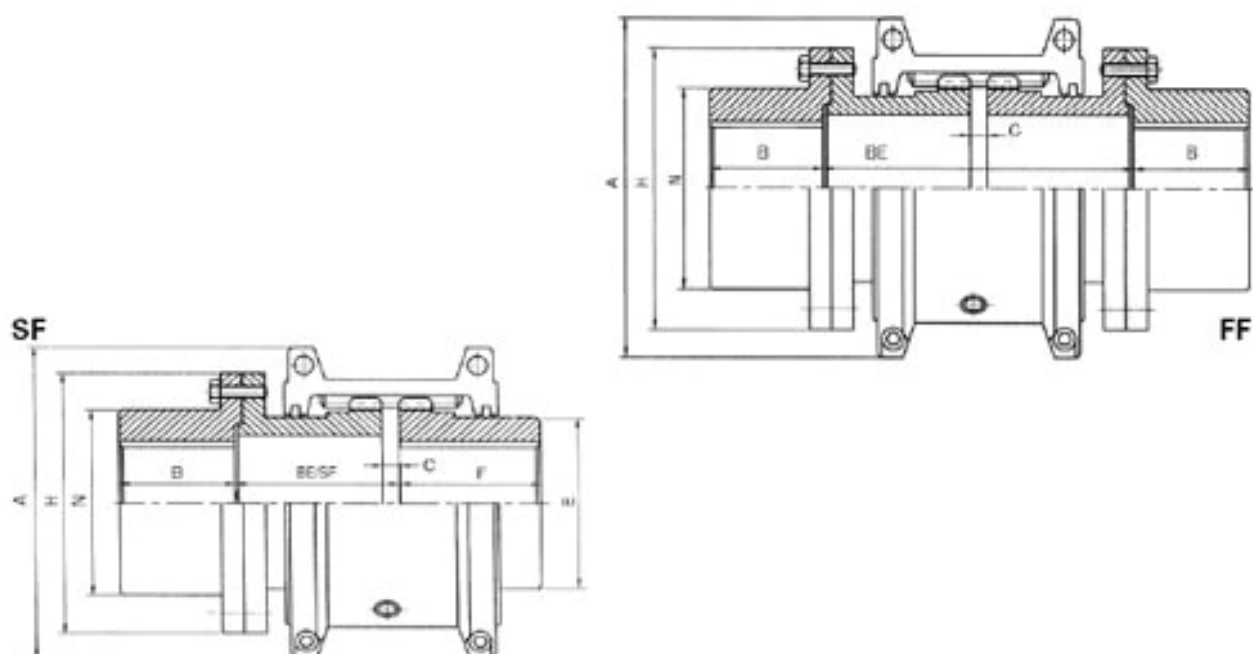
Tamanho Tamaño Size	HP/ 100 rpm	Torque Nm	rpm max	ø d max	A	B	C (gap)			E	F	L	Peso Weight Kg	LUB. wt (Kg)
							Normal	Min.	Máx.					
1020	0.7	49	4500	30	101.6	98.0	3.0	1.5	4.5	39.7	47.5	66.5	1.9	0.03
1030	1.9	133	4500	35	111.3	98.0	3.0	1.5	4.5	49.2	47.5	66.3	2.6	0.03
1040	3.2	225	4500	43	117.6	104.6	3.0	1.5	4.5	57.1	50.8	70.0	3.4	0.05
1050	5.6	393	4500	50	138.2	123.6	3.0	1.5	4.5	67.7	60.3	79.5	5.4	0.05
1060	8.8	618	4350	55	150.9	130.0	3.0	1.5	4.5	76.2	63.5	92.0	7.3	0.09
1070	13.0	912	4125	65	162.1	155.4	3.0	1.5	4.5	87.3	76.2	95.0	10.0	0.11
1080	27.0	1895	3600	78	193.8	180.8	3.0	1.5	6.0	104.8	88.9	116.0	18.0	0.17
1090	48.0	3369	3600	95	212.9	199.8	3.0	1.5	6.0	123.8	98.4	122.0	25.0	0.25
1100	81.0	5685	2400	107	251.0	245.7	4.5	1.5	9.5	142.0	120.6	155.5	42.0	0.43
1110	121.0	8493	2250	117	270.0	258.5	4.5	1.5	9.5	160.3	127.0	161.5	54.0	0.51
1120	177.0	12423	2025	136	308.1	304.4	6.0	1.5	12.5	179.4	149.2	191.5	81.0	0.73
1130	257.0	19038	1900	165	346.2	329.8	6.0	1.5	12.5	217.5	181.9	195.0	121.0	0.91
1140	370.0	25969	1650	184	384.3	371.6	6.0	1.5	12.5	254.0	182.8	201.0	178.0	1.13
1150	515.0	36147	1500	203	454.9	371.8	6.0	1.5	12.5	269.2	182.9	271.3	234.0	1.95
1160	724.0	50816	1350	228	519.9	402.2	6.0	1.5	12.5	304.8	198.1	278.9	317.0	2.81
1170	965.0	67731	1225	279	585.0	437.8	6.0	1.5	12.5	355.6	215.9	304.3	448.0	3.49
1180	1338.0	93911	1100	311	635.0	483.6	6.0	1.5	12.5	393.7	238.8	321.1	619.0	3.76
1190	1770.0	124232	1050	339	675.6	524.2	6.0	1.5	12.5	436.9	259.1	325.1	776.0	4.40
1200	2413.0	169363	900	361	756.9	564.8	6.0	1.5	12.5	497.8	279.4	355.6	1057.0	5.62

TAGV



Tamanho Tamaño Size	HP/ 100 rpm	Torque Nm	rpm max	ø d max	A	B	C	D	F	E	M	Peso Weight Kg	LUB. wt (Kg)
1020	0.7	49	6000	30	111.1	98.0	3.0	39.7	47.5	24.2	47.8	2.0	0.03
1030	1.9	133	6000	35	120.7	98.0	3.0	49.2	47.5	25.0	47.8	2.6	0.03
1040	3.2	225	6000	43	128.5	104.6	3.0	57.1	50.8	25.7	50.8	3.4	0.05
1050	5.6	393	6000	50	147.6	123.6	3.0	67.7	60.3	31.2	60.5	5.4	0.05
1060	8.8	618	6000	55	162.0	130.0	3.0	76.2	63.5	32.2	63.5	7.3	0.09
1070	13.0	912	5500	65	173.0	155.4	3.0	87.3	76.2	33.7	66.8	10.4	0.11
1080	27.0	1895	4750	78	200.0	180.8	3.0	104.8	88.9	44.2	88.9	17.7	0.17
1090	48.0	3369	4000	95	231.8	199.8	3.0	123.8	98.4	47.7	95.3	25.4	0.25
1100	81.0	5685	3250	107	266.7	245.7	4.5	142.0	120.6	60.0	120.7	42.2	0.43
1110	121.0	8493	3000	117	285.8	258.5	4.5	160.3	127.0	64.2	124.0	54.4	0.51
1120	177.0	12423	2700	136	319.0	304.4	6.0	179.4	149.2	73.4	143.0	81.6	0.73
1130	257.0	19038	2400	165	377.8	329.8	6.0	217.5	161.9	75.1	146.1	122.5	0.91
1140	370.0	25969	2200	184	416.0	371.6	6.0	254.0	182.8	78.2	155.7	180.1	1.13
1150	515.0	36147	2000	203	476.3	371.8	6.0	269.2	182.9	106.9	150.1	230.0	1.95
1160	724.0	50816	1750	228	533.4	402.2	6.0	304.8	198.1	114.3	196.1	321.1	2.81
1170	965.0	67731	1600	279	584.2	437.8	6.0	355.6	215.9	119.4	217.9	448.2	3.49
1180	1338.0	93911	1100	311	630.0	483.6	6.0	393.7	238.8	130.0	228.1	591.0	3.76
1190	1770.0	124232	1050	339	685.0	524.2	6.0	436.9	259.1	135.0	228.1	761.0	4.40
1200	2413.0	189383	900	381	737.0	564.8	6.0	497.8	279.4	145.0	247.9	1021.0	5.62

TAGST

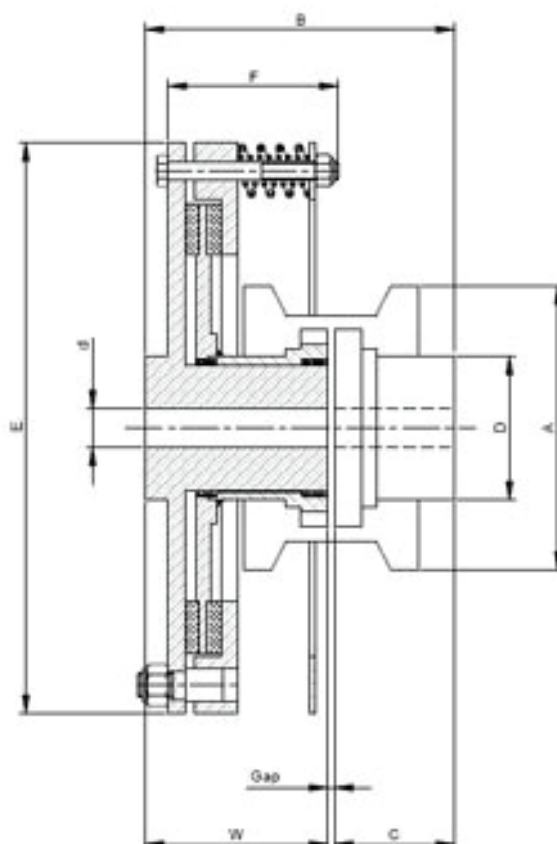


Tamanho Tamaño Size	HP/ 100 rpm	Torque Nm	rpm max	e d max	A	B	C	N	H	BE		BE/SF		LUB. wt (Kg)
										min	max	min	max	
1020	0.7	49	3600	30	101.6	35	5.0	52	86	89	203	45	102	0.03
1030	1.9	133	3600	35	111.3	41	5.0	59	94	89	216	45	109	0.03
1040	3.2	225	3600	43	117.6	54	5.0	78	113	89	216	45	109	0.05
1050	5.6	393	3600	50	138.2	60	5.0	77	126	112	216	57	109	0.05
1060	8.8	618	3600	55	150.9	73	5.0	103	145	127	330	64	166	0.09
1070	13.0	912	3600	65	162.1	79	5.0	109	153	127	330	64	166	0.11
1080	27.0	1895	3600	78	193.8	89	5.0	122	178	184	406	93	204	0.17
1090	48.0	3369	3600	95	212.9	102	5.0	142	210	184	406	93	204	0.25
1100	81.0	5685	2440	107	251.0	90	6.5	171	251	203	406	103	205	0.43
1110	121.0	8493	2250	117	270.0	104	6.5	196	277	210	406	106	205	0.51
1120	177.0	12423	2025	138	308.1	119	9.5	225	319	246	406	125	205	0.73
1130	257.0	18038	1800	165	346.2	135	9.5	238	346	257	406	130	205	0.91
1140	370.0	25989	1650	184	384.3	152	9.5	266	386	267	406	135	205	1.13
1150	515.0	36147	1500	203	454.9	173	9.5	334	425	345	371	175	187	1.95
1160	724.0	50816	1350	228	519.9	186	9.5	366	457	356	406	180	205	2.81
1170	965.0	67731	1225	279	585.0	220	9.5	425	527	384	445	194	224	3.49
1180	1338.0	93911	1100	311	635.0	249	9.5	451	591	400	490	202	247	3.76
1190	1770.0	124232	1050	339	675.6	276	9.5	508	660	411	530	207	267	4.40
1200	2413.0	169363	900	361	756.9	305	9.5	530	711	445	571	224	289	5.62

O acoplamento de segurança por controle de torque é uma proteção efetiva para máquinas conectadas permanentemente. Quando ocorre uma sobrecarga momentânea, o acoplamento possibilita um escorregamento até que a sobrecarga desapareça, voltando assim a transmitir normalmente o torque pré-determinado, sem qualquer intervenção sobre o mesmo.

El acoplamiento de seguridad de torque controlado es una protección efectiva para máquinas conectadas. Cuando aparece una sobrecarga momentánea, el acople resbalará, cuando esta sobrecarga desaparece volverá a transmitir el torque normalmente sin intervención sobre el mismo.

Controlled torque couplings offer effective protection for connected machinery. For pre-determined max overload, the controlled torque coupling will slip when the overload occurs. When the overload ends, the coupling will again transmit the normal load without downtime or maintenance.



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(*) Cálculo do torque de escorregamento (SP):
SP = Torque de trabalho x 150%
(parâmetros de sobrecarga). Para aplicações com cargas de grande impacto, será requerido um parâmetro de sobrecarga maior que 200%.

(*) Cálculo del torque de deslizamiento (SP):
SP = Torque en ejecución x 150%
(Parámetros de sobrecarga). Para aplicaciones con carga de gran impacto serán requeridos parámetros de sobrecarga de más del 200%.

(*) Calculate Slip torque (SP):
SP = Running torque x 150% (Overload settings)
For Heavy Shock load application a 200% or greater overload setting may be required.

Tamanho Tamaño Size	HP/100 rpm (máx.)	Torque de escorregamento Slip Torque (*) Nm		rpm máx.	ø d máx.	A	B	C	D	E	F	W	Gap
		máx.	min.										
1020	0.53	38	4.7	3600	25.4	101.6	130	47.8	39.6	177.8	63.5	79.2	3
1030	1.40	99	12.4	3600	32.0	111.3	130	47.8	49.3	201.7	69.6	79.2	3
1040	2.40	167	21.0	3600	35.0	117.6	133	50.8	57.0	231.6	82.0	79.2	3
1050	3.80	271	34.0	3600	45.0	138.2	151	60.5	66.5	270.3	82.0	87.4	3
1060	6.60	470	59.0	3600	48.0	151.0	163	63.5	76.2	301.2	89.0	96.5	3
1070	9.70	696	87.0	3600	57.0	162.0	183	76.2	87.4	323.6	101.6	103.6	3
1080	17.00	1220	153.0	2800	67.0	193.5	206	89.0	104.6	361.7	101.6	114.3	3
1090	28.00	2034	254.0	2500	79.0	213.0	230	98.6	124.0	413.5	127.0	128.5	3
1100	52.00	3706	463.0	2100	92.0	251.0	269	120.7	142.2	491.2	139.7	143.8	5
1110	77.00	5514	689.0	1850	102.0	270.0	288	127.0	160.5	543.0	152.4	156.5	5
1120	115.00	8226	1028.0	1750	114.0	308.0	341	149.4	179.3	590.3	177.8	185.4	6
1130	164.00	11752	1469.0	1450	133.0	346.0	361	162.0	217.4	683.8	190.5	192.5	6
1140	232.00	16634	2079.0	1300	165.0	384.0	389	184.0	254.0	766.6	203.2	198.6	6
1150	328.00	23504	2938.0	1100	178.0	453.0	435	183.0	269.2	863.6	216.0	245.4	6
1160	454.00	32544	4068.0	950	216.0	501.0	455	198.0	304.8	988.6	216.0	250.4	6
1170	618.00	44296	5537.0	870	241.0	566.0	490	216.0	355.6	1065.8	241.3	267.7	6
1180	846.00	60568	7571.0	760	279.0	630.0	537	239.0	393.7	1160.8	241.3	291.6	6
1190	1136.00	81360	10170.0	720	305.0	673.0	563	259.0	437.0	1264.0	254.0	297.2	6
1200	1515.00	108480	13560.0	670	330.0	757.0	601	279.0	498.0	1377.2	254.0	315.5	6