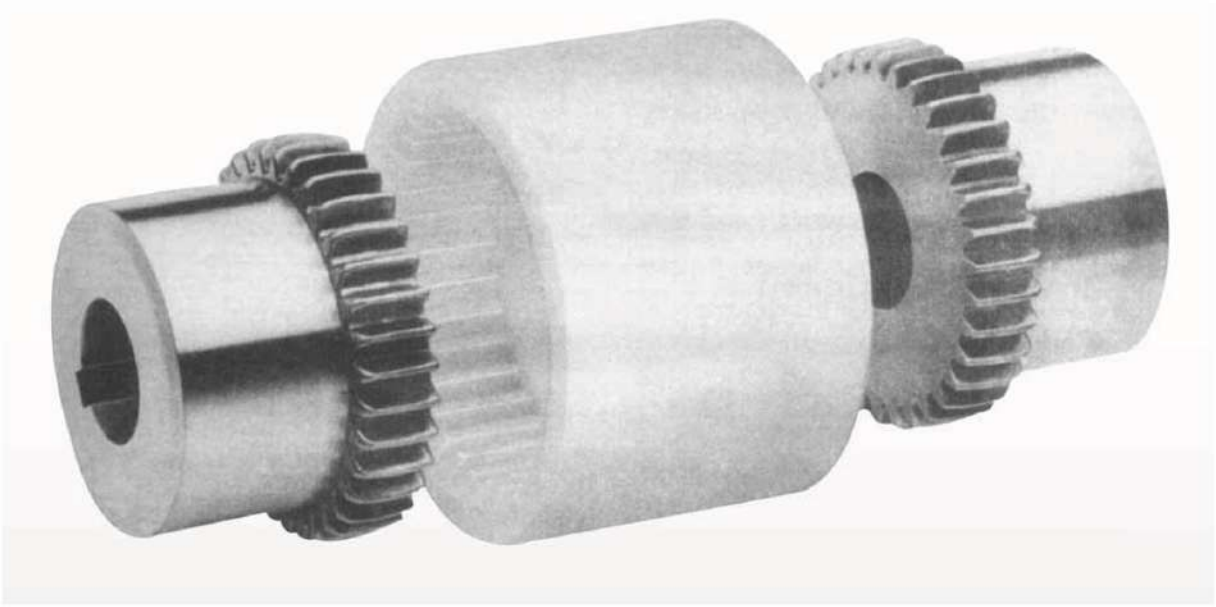
KP Combine

And Safety Co.,Ltd.



GEAR SLEEVE COUPLINGS

Characteristic

1. It always transmits the power fully (100%) under parallel, angular, complex misalignment with exibility.
2. With angular and parallel displacements the reactive forces may be neglected, thanks to the twin cardanic method of operation, and there, are no periodic uctuations in angular velocty.
3. Internals have longer life by using special materials.
4. Assembly is extremely simple and time saving, it is simple to mend and exchange parts.
5. Not Require lubrication.
6. Low noise.
7. Oil and heat resistance.

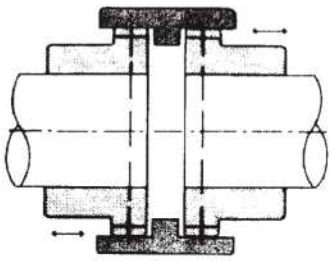
Structure

Part Details
① Nylon
② Hub
③ Internal Crown Gear
④ Crown Gear

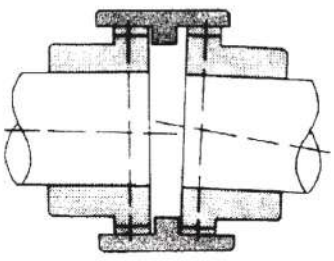
Reference in Assembling

Size	W	S	E	(D) max	(D) min	Size
M14	50	4	±1	±0.3	±1 Per Hub	14
M19	54					19
M24	56			±0.4		24
M28	84					28
M32						32
M38						38
M42	88					42
M48	104					48
M65	144			±0.6		65
M80	186	6		±0.7		80
M100	228	8		±0.8		100

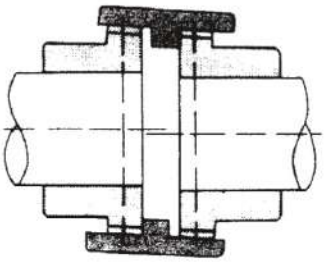
1. The assembled hubs must in all cases be ush with the shaft ends.
2. If the dimension 'E' is difcult to determine, the overall length can be used if the shaft ends nish at the inner collar of the hub.
3. *The stated dimension 'E' the individual couplings for must be maintained, especially in the presence of parallel or angular misalignment.
4. **The permisalignment values are dependent on speed and power out puts and capacity.
5. ***It is essential that the coupling sleeves slide easily in the axial direction.
6. Accurate alignment of shaft lengthens the life of the coupling.



(Parallel misalignment)

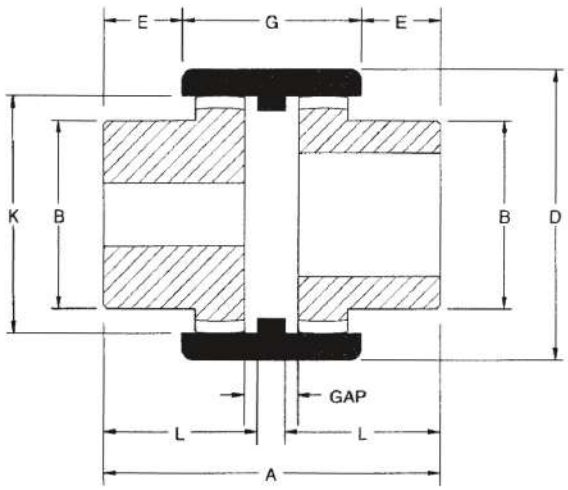


(Angular misalignment)

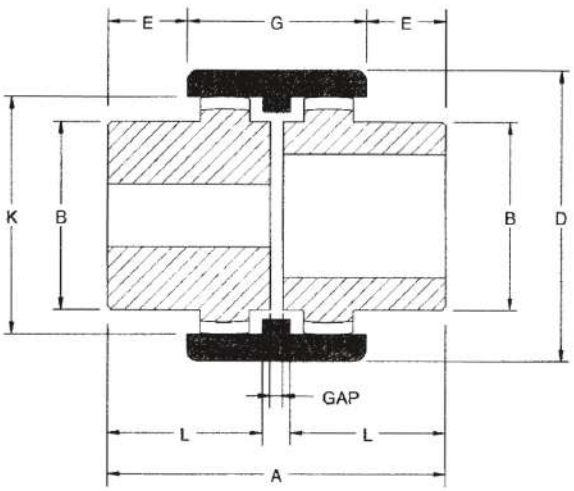


(Parallel Angular misalignment)

Type H (Horizontal)



(M14 ~ M48 STYLE)



(M65 ~ M100 STYLE)

Dimensions

Size	Max. Speed (rpm)	Basic Torque (Nm.)	Bore (mm)		Dimensions (mm)							
			Max.	Min.	A	D	B	E	K	L	G	Gap
M-14	14,000	18	14	6	45	40	25	6.5	33	20	37	5
M-19	11,800	30	19	8	47	48	32	8.5	39	20	37	7
M-24	10,600	37	24	10	53	52	36	7.5	45	21	41	10
M-28	8,500	72	28	10	53	66	44	19	54	21	46	10
M-32	7,500	95	32	12	53	76	50	18	63	21	49	10
M-38	6,700	127	38	14	82	83	58	18	69	36	48	10
M-42	6,000	165	42	20	86	92	65	19	78	38	50	10
M-48	5,600	203	48	20	101	99	68	27	78	46	49	10
M-65	4,000	437	65	25	144	140	96	36	110	70	72	4
M-80	3,150	695	80	30	186	175	124	46.5	145	90	93	6
M-100	3,000	1,250	100	40	228	210	152	63	176	110	102	8