



## NYLIGN Light Duty Flexible Couplings

This economical, Light Duty (non-lubricated) Coupling uses a 100% Nylon sleeve and aluminum hubs. Coupling is rated 10HP @ 1750 RPM or 20 HP @ 3450 RPM with speeds up to 5000 RPM. Can accommodate misalignment up to 1-1/2° per side. It is lightweight, requiring no lubrication or maintenance.

Hubs are available only with clearance bores and standard keyways shown in table below. Order a sleeve to go with each pair of hubs. Combinations to suit most applications can be assembled from two types of hubs.



Ambient Temperature  
Limit -0°F to +170°F

NYLIGN LIGHT DUTY PARTS					
Hub▲					
Type No.	Finish Bore			No. Key-way ★	Nylon Sleeve
	Nom.	Part No.	Actual +.002 -.000		
4	1/2	148343	.501	None	148340 One Per Coupling
	5/8	148344	.626	3/16x3/32	
	3/4	148345	.751	3/16x3/32	
	7/8	148346	.876	3/16x3/32	
7	1	148347	1.001	1/4x1/8	
	1-1/8	148348	1.126	1/4x1/8	
	1-1/4	148349	1.251	1/4x1/8	
	1-3/8	148350	1.376	5/16x5/32	

▲ Two required per coupling. Consists of aluminum hubs with the finish bores shown (No modification available). Hubs may be used in combinations shown in table below.

★ One 1/4-20 setscrew furnished over keyway in each hub.



### NYLIGN LIGHT DUTY COUPLING DIMENSIONS

Bore and Keyway	Hub Combinations	Drwg. (Fig. No.)	A Dia	A1 Dia.	B	B1	C Dia.	D	E	E <sub>1</sub>	F	G★
See Table Above	No. 4 Hub, Both Ends	1	1-11/16	---	13/16	---	1-15/16	3-1/32	1-3/8	---	1-13/32	9/32
	No. 4 Hub, One End No. 7 Hub, Other End	2	1-11/16	2-1/4	13/16	1-7/16	1-15/16	3-21/32	1-3/8	1-1/8	1-13/32	1-5/32
	No. 7 Hub Both Ends	3	---	2-1/4	---	1-7/16	1-15/16	4-9/32	---	1-1/8	1-13/32	2-1/32

★ Nominal distance between shaft ends (B.S.E)

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