

Hub Configuration and Disc Pack Part System

Tilton Engineering offers a large selection of disc packs for OT-Series clutches. Every Tilton disc pack benefits from over 30 years of experience in friction material testing and development. The result is disc packs that offer the highest levels of performance and durability.

The proceeding pages contains information on disc packs for popular applications. Due to the wide variety of transmission input fast size and lengths, disc pack configurations can vary significantly with multi-plate clutches. If you do not see your application listed, please contact Tilton Engineering for information and part numbers.

Part Number System

Example:

64185-2-ABA-36



Disc Diameter:	Friction Material/Type:	Hub Type:
140 = 140mm (5.5")	2 = 7.25" sintered metallic full-circle disc (6-rivet hub)	A = Outer hub, 6-rivet, .375" thick
185 = 185mm (7.25")	3 = 5.5" & 7.25" sintered metallic paddle-type disc	B = Inner hub, 6-rivet, .375" thick
	4 = 7.25" sintered ,metallic full circle disc (8-rivet hub)	C = Inner hub, rivet, .250" thick
	8 = 7.25" cerametallic paddle-type disc	F = Long hub, 6-rivet, .550" thick (1-disc clutches only)
	9 = 5.5" sintered metallic full-circle disc	H = Outer hub, nested 12-rivet
		J = Inner hub, nested, 12-rivet
		R = Inner hub, 8-rivet, .250" thick
		T = Inner Hub, 8-rivet, .375" thick
		V = Outer hub, 8-rivet, .375" thick
		W = Long hub, 8-rivet, .550" thick (1-disc clutches only)

Spline Size (# teeth x diameter)		
03 = 10 x 7/8"	18 = 18 x 25/32"	36 = 1 5/32" x 26
04 = 10 x 1"	19 = 18 x 1 3/16"	38 = 24 x 26mm
05 = 10 x 1 1/16"	25 = 20 x 7/8"	39 = 28 x 7/8"
06 = 10 x 1 1/8"	26 = 21 x 29/32"	41 = 23 x 24mm x 25°
07 = 10 x 1 1/4"	27 = 21 x 24mm	42 = 22 x 15/16"
08 = 10 x 1 3/8"	28 = 21 x 29mm	47 = 24 x 15/16"
10 = 10 x 29mm	29 = 22 x 1"	51 = 22 x 29.4mm
12 = 14x 25mm	30 = 23 x 1" x 30°	52 = 10 x 35mm
14 = 14 x 30.8"	32 = 24 x 13/16"	55 = 26 x 35mm
17 = 18 x 21mm	33 = 24 x 1" x 27.5°	57 = 24 x 1" x 30°
		58 = 29 x 1 1/4"

Hub Configuration:

