

Introduction to Disc Packs

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 contain information on disc packs for many popular applications. Due to the wide variety of transmission input shaft 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

Product Class Disc Diameter Material Type Hub Configuration Spine Size

Disc Diameter:

114 = 4.5" (114mm)
 140 = 5.5" (140mm)
 185 = 7.25" (185mm)
 215 = 8.5" (215mm)

Disc Material/Type:

2 = 7.25" sintered metallic (Racing)
 3 = 5.5" & 7.25" sintered metallic (Paddle-type)
 7 = 5.5" & 7.25" cerametallic (Rally)
 9 { = 4.5" & 5.5" sintered metallic (Racing)
 = 8.5" cerametallic (High Perf.)

Hub Type:

A = Solid, 6 rivet, outer (.375" thick)
 B = Solid, 6 rivet, inner (.375" thick)
 C = Solid, 6 rivet, thin inner (.25" thick)
 E = Solid, 8 rivet (8.5" clutches only)
 F = Solid, 6 rivet, outer (.550" thick)
 G = Slave, gear drive
 H = Nested, outer (Cosworth-type)
 J = Nested, inner (Cosworth-type)
 M = Master, gear drive (3 disc)
 N = Nested, outer
 P = Nested, inner
 Q = Solid, 8-rivet (8.5" clutches only)
 X = Solid, outer (4.5" clutches)
 Y = Solid, inner (4.5" clutches)

Spine Size:

03 = 10 x 7/8"	14 = 14 x 30.8mm	28 = 21 x 29mm	39 = 28 x 7/8"
04 = 10 x 1"	15 = 17 x 3/4"	29 = 22 x 1"	41 = 23 x 24mm x 43"
05 = 10 x 1 1/16"	16 = 17 x 20mm	30 = 23 x 1" x 30"	42 = 22 x 15/16"
06 = 10 x 1 1/8"	18 = 18 x 25/32"	31 = 23 x 1" x 43"	43 = 24 x 1" (Honda)
07 = 10 x 1 1/4"	19 = 18 x 1 3/16"	32 = 24 x 13/16"	44 = 24 x 17.4mm
08 = 10 x 1 3/8"	20 = 19 x 13/16"	33 = 24 x 1" (Nissan)	46 = 29 x 1 1/4"
10 = 10 x 29mm	22 = 19 x 27/32"	35 = 26 x 22mm	45 = 6 x 1" (Ferrari)
11 = 14 x 18.7mm	25 = 20 x 7/8"	36 = 26 x 1 5/32"	47 = 24 x 15/16"
12 = 14 x 25mm	26 = 21 x 29/32"	37 = 21 x 7/8"	
13 = 14 x 29mm	27 = 21 x 24mm	38 = 24 x 26mm	

Hub Configuration:

