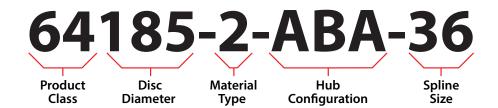
Hub Configuration and Disc Pack Part System

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:



Disc Diameter:

140 = 140mm (5.5")

185 = 185mm (7.25")

Friction Material/Type:

2 = 7.25" sintered metallic full-circle disc (6-rivet hub)

3 = 5.5" & 7.25" sintered metallic paddle-type disc

4 = 7.25" sintered, metallic full circle disc (8-rivet hub)

8 = 7.25" cerametallic paddle-type disc

9 = 5.5" sintered metallic full-circle disc

Hub Type:

A = Outer hub, 6-rivet, .375" thick

B = Inner hub, 6-rivet, .375" thick

C = Inner hub, rivet, .250" thick

F = Long hub, 6-rivet, .550" thick (1-disc clutches only)

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) $03 = 10 \times 7/8'$

04 = 10 x 1" $05 = 10 \times 1 \frac{1}{16}$ 06 = 10 x 1 1/8"

07 = 10 x 1 1/4"

 $08 = 10 \times 1^{3}/8''$ $10 = 10 \times 29 \text{mm}$

12 = 14x 25mm

 $14 = 14 \times 30.8''$ $17 = 18 \times 21 \text{mm}$ 18 = 18 x 25/32"

19 = 18 x 1 ³/₁₆"

 $25 = 20 \times 7/8"$ 26 = 21 x 29/32"

27 = 21 x 24mm

28 = 21 x 29mm

29 = 22 x 1"

 $30 = 23 \times 1" \times 30°$

 $32 = 24 \times 13/16''$

 $33 = 24 \times 1'' \times 27.5^{\circ}$

36 = 1 5/32" x 26 $38 = 24 \times 26 \text{mm}$

 $39 = 28 \times 7/8''$

 $41 = 23 \times 24 \text{mm} \times 25^{\circ}$

42 = 22 x 15/16"

 $47 = 24 \times 15/16$ "

51 = 22 x 29.4mm $52 = 10 \times 35 \text{mm}$

 $55 = 26 \times 35 \text{mm}$

 $57 = 24 \times 1'' \times 30^{\circ}$ 58 = 29 x 1 1/4"

Hub Configuration:

