

17.12" G11SHDP MT

(444.5mm)

IADC : 1-1-5

TERCEL Sealed Bearing Bits, apart from key features to ensure Balanced load distribution, employ improved bearing sealing arrangement, lubrication and grease reservoir systems to increase drilling hours and reduce the occurrence of early seal failure. The specific seal gland, thereby reducing the spiraling and twisting which normally leads to excessive heat build-up and wear.



SPECIFICATIONS

Bit Size	: 17 1/2"
Type	: G11SHDP
IADC	: 115
Bearing Type	: Sealed Bearing
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 6 5/8" or 7 5/8" Regular
Rows	: Total : 7 Inner : 4 Gage : 3
Inserts / Teeth	: Total 75 Inner : 38 gage : 37

OPERATING PARAMETERS

Weight on Bit	: 2000-6000 (lb / inch bit dia.)
Rotary Speed	: 75-250 (RPM)
Formation	: Soft

PHYSICAL

Gross Weight	: 260kgs
Net Weight	: 235kgs
Dimension	: 27 X 22 X 22 inch.

PART NUMBER
DB1712115DP

(444.5mm)

IADC : 4-3-7

DBI Sealed Bearing Bits, apart from key features to ensure Balanced load distribution, employ improved bearing sealing arrangement, lubrication and grease reservoir systems to increase drilling hours and reduce the occurrence of early seal failure. The specific seal gland, thereby reducing the spiraling and twisting which normally leads to excessive heat build-up and wear.



Bit Size	: 17 ½"
Type	: G43FH
IADC	: 4-3-7
Bearing Type	: Sealed Friction Bearing
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 7 5/8" API Regular
Rows	: Total : 16 Inner : 13 Gage : 3
Inserts / Teeth	: Total 231 Inner : 17 gage : 61

Weight on Bit	: 30-75klb
Rotary Speed	: 60-110 (RPM)
Formation	: Medium

Gross Weight	: 260kgs
Net Weight	: 235kgs
Dimension	: 27 X 22 X 22 inch.



16" G13SHDP MT

(404.4mm)

IADC : 1-3-5

TERCEL Sealed Bearing Bits, apart from key features to ensure Balanced load distribution, employ improved bearing sealing arrangement, lubrication and grease reservoir systems to increase drilling hours and reduce the occurrence of early seal failure. The specific seal gland, thereby reducing the spiraling and twisting which normally leads to excessive heat build-up and wear.



SPECIFICATIONS

Bit Size	: 16"
Type	: G13SHDP
IADC	: 135
Bearing Type	: Sealed Bearing
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 6 5/8" or 7 5/8" Regular
Rows	: Total : 9 Inner : 6 Gage : 3
Inserts / Teeth	: Total 115 Inner : 72 gage : 43

OPERATING PARAMETERS

Weight on Bit	: 2000-6000 (lb / inch bit dia.)
Rotary Speed	: 75-250 (RPM)
Formation	: Soft

PHYSICAL

Gross Weight	: 240kgs
Net Weight	: 225kgs
Dimension	: 27 X 22 X 22 inch.

PART NUMBER
DB16135DP

16" G15SHDP MT

(406.4mm)

IADC : 1-1-5

TERCEL Sealed Bearing Bits, apart from key features to ensure Balanced load distribution, employ improved bearing sealing arrangement, lubrication and grease reservoir systems to increase drilling hours and reduce the occurrence of early seal failure. The specific seal gland, thereby reducing the spiraling and twisting which normally leads to excessive heat build-up and wear.



SPECIFICATIONS

Bit Size	: 16"
Type	: G11SHDP
IADC	: 115
Bearing Type	: Sealed Bearing
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 6 5/8" or 7 5/8" Regular
Rows	: Total : 7 Inner : 4 Gage : 3
Inserts / Teeth	: Total 75 Inner : 38 gage : 37

OPERATING PARAMETERS

Weight on Bit	: 2000-6000 (lb / inch bit dia.)
Rotary Speed	: 75-250 (RPM)
Formation	: Soft

PHYSICAL

Gross Weight	: 240kgs
Net Weight	: 225kgs
Dimension	: 27 X 22 X 22 inch.

PART NUMBER
DB16115DP



12.1/4" G21F/FH MT

(311.15 mm)

IADC : 2-1-6/2-1-7

DBI Journal sealed Bearing Bit is a result of intensive efforts by DBI Engineers at developing and perfecting these critical components. The improved DBI Journal Bearing Bits incorporate features like Be-Cu Bushings, Silver plated cone bearings, low compression set HNBR molycoated rotary O-rings seals, improved hard facing material to enhance teeth life & specially formulated high temperature grease with extreme pressure additives.



SPECIFICATIONS

Bit Size	: 12.1/4"
Type	: G21F/FH
IADC	: 216/217
Bearing Type	: Fixed type Journal bearing with Be-Cu bushings, Silver-plated legs.
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 6.5/8" Regular
Rows	: Total : 12 Inner : 9 Gage : 3
Inserts/Teeth	: Total : 159 Inner : 113 Gage : 46

OPERATING PARAMETERS

Weight on Bit	: 3000-8000 (lb/ In Bit Dia.)
Rotary Speed	: 50-80 (RPM)
Formation	: Medium Hard

PHYSICAL

Gross Weight	: 113 Kgs
Net Weight	: 90 Kgs
Dimension	: 22 x 17 x 17 inch



PART NUMBER

DB1214216	- For IADC 216
DB1214217	- For IADC 217
DB1214216TCP	- For IADC 216 with TC protection
DB1214217TCP	- For IADC 217 with TC protection



12 1/4" G43S / SH TCI

(311.15mm)

IADC : 4-3-4 / 4-3-5

TERCEL Sealed Bearing Bits, apart from key features to ensure Balanced load distribution, employ improved bearing sealing arrangement, lubrication and grease reservoir systems to increase drilling hours and reduce the occurrence of early seal failure. The specific seal gland, thereby reducing the spiraling and twisting which normally leads to excessive heat build-up and wear.



SPECIFICATIONS

Bit Size	: 12 1/4"
Type	: G43SH
IADC	: 434 / 435
Bearing Type	: Sealed Bearing
Seal Type	: NA
Bit Connection Type	: 6 5/8" Regular
Rows	: Total : 14 Inner : 11 Gage : 3
Inserts / Teeth	: Total 172 Inner : 100 gage : 72

OPERATING PARAMETERS

Weight on Bit	: 1,500-4000 (lb / inch bit dia.)
Rotary Speed	: 60-120 (RPM)
Formation	: Soft

PHYSICAL

Gross Weight	: 113kgs
Net Weight	: 90kgs



8. 1/2" G13SH MT

(215.9mm)

IADC : 1-3-5

Tercel Roller Bearing Bit is a result of intensive efforts by Tercel Engineers at developing and perfecting these critical components. The improved Tercel Journal Bearing Bits incorporate features like Be-Cu Bushings, Silver plated cone bearings, low compression set HNBR molycoated rotary O-rings, seals, improved tungsten Carbide Insert & specially formulated high temperature grease with extreme pressure additives.

SPECIFICATIONS

Bit Size	: 8 1/2"
Type	: G1SH
IADC	: 135
Bearing Type	: Fixed type Roller bearing With Be-Cu bushings, silver plated legs.
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 4 1/2" API
Rows	: Total : 8 Inner : 5 Gage : 3
Inserts / Teeth	: Total 84 Inner : 49 gage : 35

OPERATING PARAMETERS

Weight on Bit	: 3000-7000 (lb / inch bit dia.)
Rotary Speed	: 60-110 (RPM)
Formation	: Medium Soft & Soft with Hard Streaks

PHYSICAL

Gross Weight	: 50kgs
Net Weight	: 36kgs





8. 1/2" G43FH MT

(215.9mm)

IADC : 4-3-7

Tercel Journal Bearing Bit is a result of intensive efforts by Tercel Engineers at developing and perfecting these critical components. The improved Tercel Journal Bearing Bits incorporate features like Be-Cu Bushings, Silver plated cone bearings, low compression set HNBR molycoated rotary O-rings, seals, improved tungsten Carbide Insert & specially formulated high temperature grease with extreme pressure additives.

SPECIFICATIONS

Bit Size	: 8 1/2"
Type	: G43FH
IADC	: 437
Bearing Type	: Fixed type Journal bearing With Be-Cu bushings, silver plated legs.
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 4 1/2" API
Rows	: Total : 12 Inner : 9 Gage : 3
Inserts / Teeth	: Total 114 Inner : 78 gage : 36



OPERATING PARAMETERS

Weight on Bit	: 1500-3500 (lb / inch bit dia.)
Rotary Speed	: 60-120 (RPM)
Formation	: Medium Soft & Soft with Hard Streaks

PHYSICAL

Gross Weight	: 50kgs
Net Weight	: 36kgs



6" G12FH MT

(152.4mm)

IADC : 1-2-7

Tercel Journal Bearing Bit is a result of intensive efforts by Tercel Engineers at developing and perfecting these critical components. The improved Tercel Journal Bearing Bits incorporate features like Be-Cu Bushings, Silver plated cone bearings, low compression set HNBR molycoated rotary O-rings, seals, improved tungsten Carbide Insert & specially formulated high temperature grease with extreme pressure additives.

SPECIFICATIONS

Bit Size	: 6"
Type	: G12FH
IADC	: 127
Bearing Type	: Fixed type Journal bearing With Be-Cu bushings, silver plated legs.
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 3½" API
Rows	: Total : 9 Inner : 6 Gage : 3
Inserts / Teeth	: Total 118 Inner : 64 gage : 54

OPERATING PARAMETERS

Weight on Bit	: 3000-9000 (lb / inch bit dia.)
Rotary Speed	: 50-80 (RPM)
Formation	: Medium hard with high Compressive strength

PHYSICAL

Gross Weight	: 21kgs
Net Weight	: 14kgs





6" G13FH MT

(152.4mm)

IADC : 1-3-7

Tercel Journal Bearing Bit is a result of intensive efforts by Tercel Engineers at developing and perfecting these critical components. The improved Tercel Journal Bearing Bits incorporate features like Be-Cu Bushings, Silver plated cone bearings, low compression set HNBR molycoated rotary O-rings, seals, improved tungsten Carbide Insert & specially formulated high temperature grease with extreme pressure additives.

SPECIFICATIONS

Bit Size	: 6"
Type	: G13FH
IADC	: 137
Bearing Type	: Fixed type Journal bearing With Be-Cu bushings, silver plated legs.
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 3½" API
Rows	: Total : 9 Inner : 6 Gage : 3
Inserts / Teeth	: Total 118 Inner : 64 gage : 54

OPERATING PARAMETERS

Weight on Bit	: 3000-9000 (lb / inch bit dia.)
Rotary Speed	: 50-80 (RPM)
Formation	: Medium hard with high Compressive strength

PHYSICAL

Gross Weight	: 21kgs
Net Weight	: 14kgs





6" G43FH TCI

(152.4mm)

IADC : 4-3-7

Tercel Journal Bearing Bit is a result of intensive efforts by Tercel Engineers at developing and perfecting these critical components. The improved Tercel Journal Bearing Bits incorporate features like Be-Cu Bushings, Silver plated cone bearings, low compression set HNBR molycoated rotary O-rings, seals, improved tungsten Carbide Insert & specially formulated high temperature grease with extreme pressure additives.

SPECIFICATIONS

Bit Size	: 6"
Type	: G43FH
IADC	: 437
Bearing Type	: Fixed type Journal bearing With Be-Cu bushings, silver plated legs.
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 3½" API
Rows	: Total : 14 Inner : 11 Gage : 3
Inserts / Teeth	: Total 149 Inner : 104 gage : 45

OPERATING PARAMETERS

Weight on Bit	: 2000-4000 (lb / inch bit dia.)
Rotary Speed	: 50-110 (RPM)
Formation	: Medium hard with high Compressive strength

PHYSICAL

Gross Weight	: 21kgs
Net Weight	: 14kgs





6" G51FH TCI

(152.4mm)

IADC : 5-1-7

Tercel Journal Bearing Bit is a result of intensive efforts by Tercel Engineers at developing and perfecting these critical components. The improved Tercel Journal Bearing Bits incorporate features like Be-Cu Bushings, Silver plated cone bearings, low compression set HNBR molycoated rotary O-rings, seals, improved tungsten Carbide Insert & specially formulated high temperature grease with extreme pressure additives.

SPECIFICATIONS

Bit Size	: 6"
Type	: G51FH
IADC	: 517
Bearing Type	: Fixed type Journal bearing With Be-Cu bushings, silver plated legs.
Seal Type	: O-Ring, 30° V-Ramp
Bit Connection Type	: 3½" API
Rows	: Total : 14 Inner : 11 Gage : 3
Inserts / Teeth	: Total 149 Inner : 104 gage : 45

OPERATING PARAMETERS

Weight on Bit	: 2000-4000 (lb / inch bit dia.)
Rotary Speed	: 50-110 (RPM)
Formation	: Medium hard with high Compressive strength

PHYSICAL

Gross Weight	: 21kgs
Net Weight	: 14kgs

