

Certified Oilfield Rentals

TECHNICAL SPECIFICATIONS



COR HANDLED TUBULARS
DRILLPIPE

Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

6-5/8" OD, S-135, 27.7 lb./ft

PIPE:

Manufacturer	: Mannesmann
Pipe OD/ID	: 6.625" x 5.900"
Grade & Range	: S-135, range 2
Weight & Upset	: 27.72 lb./ft, IEU
Wall Thickness	: 0.362"
Section Area body of Pipe	: 7.1226 sq. in
Polar Section Modulus	: 21.156 cu in
Collapse Pressure	: 4,611 psi (Premium)
Internal Yield Pressure	: 11,802 psi (Premium)
Tensile Yield	: 760,352 lb. (Premium)
Torsional Yield	: 108,343 ft/lb. (Premium)
Ave Length per Joint	: 31.35 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 8" x 5"
Tool Joint Length	: 10" Pin x 11" Box
Connection	: 6-5/8" FH
Hardfacing	: Arnco 200XT
Tensile Yield	: 1,448,405 lb. (New)
Torsional Yield	: 73,660 ft/lb. (New)
Optimum Make Up Torque	: 36,830 ft/lb. (New)
Max Make Up Torque	: 44,200 ft/lb. (New)
Drift Diameter	: 4.875

Saga/Hydro/Statoil spec. 50-030



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6-5/8” OD, S-135, 25.2 lb./ft

PIPE (Premium):

Manufacturer	: Grant Prideco
Pipe OD/ID	: 6.625” x 5.965”
Grade & Range	: S-135, range 2
Nominal Weight & Upset	: 25.20 lb./ft, IEU
Adjusted Weight	: 27.15 lbs./ft
Wall Thickness	: 0.330”
Section Area body of Pipe	: 6.526 sq. in (new)
Polar Section Modulus	: 9.786 cu in (new)
Collapse Pressure	: 3,429 psi (Premium)
Internal Yield Pressure	: 10,759 psi (Premium)
Tensile Yield	: 697,438 lb. (Premium)
Torsional Yield	: 100,379 ft/lb. (Premium)
Ave Length per Joint	: 31.35 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 8” x 5”
Tool Joint Length	: 10” Pin x 11” Box
Connection	: 6-5/8” FH
Hardfacing	: Arnco 200XT
Tensile Yield	: 1,448,416 lb. (New)
Torsional Yield	: 73,661 ft/lb. (New)
Optimum Make Up Torque	: 36,830 ft/lb. (New)
Max Make Up Torque	: 44,200 ft/lb. (New)
Drift Diameter	: 4.875



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5-7/8” OD, S-135, 26.30 lb./ft

PIPE (Premium):

Manufacturer	: Grant Prideco
Pipe OD/ID	: 5.7/8”
Grade & Range	: S-135, range 2
Nominal Weight & Upset	: 26.30 lb./ft, IEU
Wall Thickness	: 0.415”
Section Area body of Pipe	: 9.083 sq. in (new)
Collapse Pressure	: 9,368 psi (Premium)
Internal Yield Pressure	: 15,258 psi (Premium)
Tensile Yield	: 757,100 lb. (Premium)
Torsional Yield	: 74,000 ft/lb. (Premium)
Ave Length per Joint	: 31.00 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 7” x 4-1/4”
Connection	: XT-57
Hardfacing	: Tuboscope TCS Titanium 3./32”
Tensile Yield	: 1,208,700 lb. (New)
Torsional Yield	: 94,300 ft/lb. (New)
Optimum Make Up Torque	: 56,600 ft/lb. (New)
Max Make Up Torque	: 33,800 ft/lb. (New)
Drift Diameter	: 4.125”



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5-1/2" OD, S-135, 24.70 lbs./ft, 5-1/2" FH-DSTJ

PIPE:

Manufacturer	: NKK
Pipe OD/ID	: 5.5" x 4.670"
Grade & Range	: S-135, range 2
Weight & Upset	: 24.70 lb./ft, IEU
Wall Thickness	: 0.415"
Section Area body of Pipe	: 6.629 sq. in
Polar Section Modulus	: 7.844 cu in
Collapse Pressure	: 17,023 psi (New)
Internal Yield Pressure	: 17,826 psi (New)
Tensile Yield	: 894,999 lb. (New)
Torsional Yield	: 101,833 ft/lb. (New)
Ave Length per Joint	: 31.6 ft

TOOL JOINTS:

Tool Joint OD/ID	: 7" x 4"
Tool Joint Length	: 10" Pin x 12" Box
Connection	: 5-1/2" FH DSTJ High Torque
Hardfacing	: Arnco 300XT
Tensile Yield	: 1,371,300 lb.(New)
Torsional Yield	: 75,020 ft/lb.(New)
Minimum Make Up Torque	: 33,200 ft/lb
Optimum Make Up Torque	: 41,500 ft/lb.
Maximum Make Up Torque	: 52,500 ft/lb
Drift Diameter	: 3.875"



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5-1/2” OD, G-105, 24.70 lbs./ft, 5-1/2” NKK-DSTJ

PIPE:

Manufacturer	: NKK
Pipe OD/ID	: 5.5” x 4.670”
Grade & Range	: G-105, range 2
Weight & Upset	: 24.70 lb./ft, IEU
Wall Thickness	: 0.415”
Section Area body of Pipe	: 6.629 sq. in
Polar Section Modulus	: 7.844 cu in
Collapse Pressure	: 14,013 psi (New)
Internal Yield Pressure	: 13,865 psi (New)
Tensile Yield	: 696,111 lb. (New)
Torsional Yield	: 79,204 ft/lb. (New)
Ave Length per Joint	: 31.6 ft

TOOL JOINTS:

Tool Joint OD/ID	: 7” x 4”
Tool Joint Length	: 10” Pin x 12” Box
Connection	: 5-1/2” NKK-DSTJ
Hardfacing	: Tuboscope TCS Ti
Tensile Yield	: 1,371,300 lb. (New)
Torsional Yield	: 75,020 ft/lb. (New)
Minimum Make Up Torque	: 33,200 ft/lb
Optimum Make Up Torque	: 41,500 ft/lb.
Maximum Make Up Torque	: 52,500 ft/lb.
Drift Diameter	: 3.875”

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5-1/2” OD, G-105, 24.70 lbs./ft, 5-1/2” Tuff Torque

PIPE:

Manufacturer	: OMSCO
Pipe OD/ID	: 5.5” x 4.670”
Grade & Range	: G-105, range 2
Weight & Upset	: 24.70 lb./ft, IEU
Wall Thickness	: 0.415”
Section Area body of Pipe	: 6.629 sq. in
Polar Section Modulus	: 7.844 cu in
Collapse Pressure	: 14,013 psi (New)
Internal Yield Pressure	: 13,865 psi (New)
Tensile Yield	: 696,111 lb. (New)
Torsional Yield	: 79,204 ft/lb. (New)
Ave Length per Joint	: 31.6 ft

TOOL JOINTS:

Tool Joint OD/ID	: 7” x 4”
Tool Joint Length	: 10” Pin x 12” Box
Connection	: 5-1/2” Omsco Tuff Torque
Hardfacing	: Arnco 100XT
Tensile Yield	: 1,371,300 lb. (New)
Torsional Yield	: 75,020 ft/lb. (New)
Minimum Make Up Torque	: 33,200 ft/lb
Optimum Make Up Torque	: 41,500 ft/lb.
Maximum Make Up Torque	: 52,500 ft/lb.
Drift Diameter	: 3.875”

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5-1/2” OD, S-135, 21.90 lbs/ft, Hydril WT-56

PIPE:

Manufacturer	: Mannesmann
Pipe OD/ID	: 5.5” x 4.778”
Grade & Range	: S-135, range 2
Weight & Upset	: 21.9 lb. /ft, IEU
Wall Thickness	: 0.361”
Section Area body of Pipe	: 5.8282 sq. in
Polar Section Modulus	: 14.062 cu in
Collapse Pressure	: 7,496 psi (Premium)
Internal Yield Pressure	: 14,177 psi (Premium)
Tensile Yield	: 620,604 lb. (Premium)
Torsional Yield	: 71,754 ft/lb. (Premium)
Ave Length per Joint	: 31.5 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 7” x 4-1/2”
Tool Joint Length	: 10” Pin x 15” Box
Connection	: Hydril WT-56
Hardfacing	: Arnco 200XT on Box Tool Joints
Tensile Yield	: 1,473,000 lb. (New)
Torsional Yield	: 126,000 ft/lb. (New)
Min Make Up Torque	: 20,000 ft/lb. (New)
Recommended Make Up Torque	: *24,000 ft/lb.
Max Make Up Torque	: 99,000 ft/lb.
Drift Diameter	: 4.375”

Pipe manufactured according to API Spec 5D, Group 3 in connection with Statoil Spec. KPI0-K300, plus Tool Joints configuration as per Hydril Spec.

* Since additional torque does not produce additional tensile stress in the pin, downhole make-up will not create excessive stress in the tool joint. For this reason, using a lower make-up torque while tolerating subsequent downhole make-up is recommended.



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5-1/2” OD, S-135, 21.90 lbs/ft, Grant HT-55-375

PIPE:

Manufacturer	: Grant Prideco
Pipe OD/ID	: 5.5” x 4.778”
Grade & Range	: S-135, range 2
Weight & Upset	: 21.9 lb. /ft, IEU
Wall Thickness	: 0.361”
Section Area body of Pipe	: 5.8282 sq. in
Polar Section Modulus	: 14.062 cu in
Collapse Pressure	: 7,496 psi (Premium)
Internal Yield Pressure	: 14,177 psi (Premium)
Tensile Yield	: 620,604 lb. (Premium)
Torsional Yield	: 71,754 ft/lb. (Premium)
Ave Length per Joint	: 31.5 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 7” x 3-7/8”
Tool Joint Length	: 10” Pin x 15” Box
Connection	: Grant HT55-375
Hardfacing	: ARNCO 200XT on Box Tool Joints
Tensile Yield	: 1,358,600 lb. (new)
Torsional Yield	: 84,600 ft/lb. (new)
Min Make Up Torque	: 35,900 ft/lb.
Max Make Up Torque	: 50,700 ft/lb.
Drift Diameter	: 3.750”
Capacity	: 11.29 ltr./mtr
Open End Displacement	: 4.79 ltr. / mtr
Closed End Displacement	: 16.08 ltr./ mtr

Pipe is manufactured to Norsok specification M-CR-702, plus Grant Prideco spec. for High Torque configuration.



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5-1/2" OD, S-135, 21.90 lbs/ft, 5-1/2" FH-DSTJ

PIPE:

Manufacturer	: NKK
Pipe OD/ID	: 5.5" x 4.778"
Grade & Range	: S-135, range 2
Weight & Upset	: 21.9 lb./ft, IEU
Wall Thickness	: 0.361"
Section Area body of Pipe	: 5.8282 sq. in
Polar Section Modulus	: 14.062 cu in
Collapse Pressure	: 7,496 psi (Premium)
Internal Yield Pressure	: 14,177 psi (Premium)
Tensile Yield	: 620,604 lb. (Premium)
Torsional Yield	: 71,754 ft/lb. (Premium)
Ave Length per Joint	: 31.6 ft

TOOL JOINTS:

Tool Joint OD/ID	: 7" x 3-1/2"
Tool Joint Length	: 10" Pin x 12" Box
Connection	: 5-1/2" FH DSTJ High Torque
Hardfacing	: Arnco 100XT
Tensile Yield	: 1,758,800 lb.(New)
Torsional Yield	: 80,980 ft/lb.(New)
Min Make Up Torque	: 33,200 ft/lb.
Optimum Make Up Torque	: 46,560 ft/lb.
Max Make Up Torque	: 73,500 ft/lb.
Drift Diameter	: 3.375"



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5-1/2" OD, S-135, 21.90 lbs./ft, 5-1/2" FH-DSTJ

PIPE:

Manufacturer	: NKK
Pipe OD/ID	: 5.5" x 4.778"
Grade & Range	: S-135, range 2
Weight & Upset	: 21.9 lb./ft, IEU
Wall Thickness	: 0.361"
Section Area body of Pipe	: 5.8282 sq. in
Polar Section Modulus	: 14.062 cu in
Collapse Pressure	: 12,679 psi (New)
Internal Yield Pressure	: 15,507 psi (New)
Tensile Yield	: 786,809 lb. (New)
Torsional Yield	: 91,278 ft/lb. (New)
Ave Length per Joint	: 31.6 ft

TOOL JOINTS:

Tool Joint OD/ID	: 7" x 4"
Tool Joint Length	: 10" Pin x 12" Box
Connection	: 5-1/2" FH DSTJ High Torque
Hardfacing	: Arnco 100XT
Tensile Yield	: 1,371,300 lb.(New)
Torsional Yield	: 75,020 ft/lb.(New)
Minimum Make Up Torque	: 33,200 ft/lb
Optimum Make Up Torque	: 41,500 ft/lb.
Maximum Make Up Torque	: 52,500 ft/lb
Drift Diameter	: 3.875"



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5-1/2" OD, G-105, 21.90 lbs./ft, 5-1/2" FH-DSTJ

PIPE:

Manufacturer	: NKK
Pipe OD/ID	: 5.5" x 4.778"
Grade & Range	: G-105, range 2
Weight & Upset	: 21.9 lb./ft, IEU
Wall Thickness	: 0.361"
Section Area body of Pipe	: 5.8282 sq. in
Polar Section Modulus	: 14.062 cu in
Collapse Pressure	: 10,753 psi (New)
Internal Yield Pressure	: 12,061 psi (New)
Tensile Yield	: 611,963 lb. (New)
Torsional Yield	: 70,994 ft/lb. (New)
Ave Length per Joint	: 31.6 ft

TOOL JOINTS:

Tool Joint OD/ID	: 7" x 4"
Tool Joint Length	: 10" Pin x 12" Box
Connection	: 5-1/2" FH DSTJ High Torque
Hardfacing	: Arnco 100XT
Tensile Yield	: 1,371,300 lb.(New)
Torsional Yield	: 75,020 ft/lb.(New)
Minimum Make Up Torque	: 33,200 ft/lb
Optimum Make Up Torque	: 41,500 ft/lb.
Maximum Make Up Torque	: 52,500 ft/lb.
Drift Diameter	: 3.875"



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5" OD, C-120, 25.6 lbs/ft

Size	: 5"
Grade	: C-120 NKK Sour Service
Weight	: 25.6 lb./ft (Actual 27.8 lb./ft)
Tensile	: 848,000 lbs
Collapse	: 21,600 psi
Burst	: 21,000 psi
Connections	: 4-1/2" IF (NC-50)
Tool Joint	: 18° Taper
Tool Joint OD	: 6-5/8"
Tool Joint ID	: 3-1/4"
Pipe ID	: 4.000"
Wall Thickness	: 0.500"
Drift Diameter	: 3.125"
Yield Pipe	: 83,600 ft/lbs
Make Up Torque	: 25,700 ft/lbs
Internal Coating	: Tubescope TK34 Plastic Coating
Hardbanding	: Smooth Type X Hardbanding on Box Tool Joints

Approximate:

Total Displacement	: 1.443 Gallons Per Foot 0.034 BBLS Per Foot
Pipe Displacement	: 0.359 Gallons Per Foot 0.008 BBLS Per Foot

Actual

Capacity	: 0.687 Gallons Per Linear Foot 0.016 BBLS Per Linear Foot
Displacement	: 2.8240 Linear Foot Per Gallon
Upsets Per Pair	: 7.86 Per Gallon
Tool Joints	: .66 Per Gallon



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5" OD, S-135, 25.6 lbs/ft

PIPE

Manufacturer	: NKK
Size	: 5"
Grade	: S-135
Weight	: 25.6 lb./ft (Actual 27.8 lb./ft)
Tensile	: 746,443 lbs (Premium)
Collapse	: 20,510 psi (premium)
Burst	: 21,600 psi (premium)
Torsional Strength	: 72,979 ft/lbs (premium)

TOOL JOINTS

Connections	: 4-1/2" IF (NC-50)
Tool Joint	: 18° Taper
Tool Joint OD	: 6-5/8"
Tool Joint ID	: 2-3/4"
Pipe ID	: 4.000"
Wall Thickness	: 0.500"
Drift Diameter	: 2.625"
Yield Pipe	: 850,000 lbs
Torsional Strength	: 63,400 ft/lbs
Make Up Torque	: 38,034 ft/lbs
Internal Coating	: Tubescope TK34 Plastic Coating
Hardbanding	: Smooth Type X Hardbanding on Box Tool Joints



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5" OD, S-135, 19.5 lb./ft, Hydril WT-50

PIPE:

Pipe OD/ID/Wall Thickness	: 5" x 4.276" x 0.362"
Manufacturer	: Mannesmann
Grade & Range	: S-135, Range II
Weight / Upset	: 19.5 lb./ft / IEU
Section area body of pipe	: 5.2746 sq. in.
Polar Section Modulus	: 11.415 cu in.
Tensile Yield	: 560,764 lb. (Premium)
Collapse Pressure	: 10,029 psi (Premium)
Internal Yield Pressure	: 15,638 psi (Premium)
Torsional Yield	: 58,113 ft/lb. (Premium)
Internal Plastic Coating	: TK-34
Average Length Per Joint	: 31.3 ft
Quantity	: 15,300 ft

TOOL JOINTS:

Tool Joint OD/ID	: 6-5/8" x 3-5/8"
Tool Joint Tong Space	: 10" Pin x 15" Box
Connection	: Hydril WT-50
Hard Facing	: ARNCO 200XT On Box Tool Joints.
Tensile Yield	: 1,710,000 lb.(New)
Torsional Yield	: 110,000 ft/lb.(New)
Recommended Make-Up Torque	: 45,000 ft/lb.
Maximum Make-Up Torque	: 86,000 ft/lb.
Drift Diameter	: 3-1/2"
Capacity	: 8.96 lt./mtr
Open End Displacement	: 4.47 lt./mtr
Closed End Displacement	: 13.43 lt./mtr

*Since additional torque does not produce additional tensile stress in the pin, downhole make-up will not create excessive stress in the tool joint. For this reason, using a lower make-up torque can be considered if subsequent downhole make-up torque is acceptable.

Pipe is manufactured to API specs and Statoil Spec. KP10-K300, and Hydril spec for tool joint configuration and threads.



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5"OD, S-135, 19.5 lb./ft

PIPE

Pipe OD/ID/Wall Thickness	: 5" x 4.276" x 0.362"
Manufacturer	: Mannesmann
Grade & Range	: S-135, Range II
Weight / Upset	: 19.5 lb./ft / IEU
Section area body of pipe	: 5.2746 sq. in.
Polar Section Modulus	: 11.415 cu in.
Tensile Yield	: 560,764 lbs (premium)
Collapse Pressure	: 10,029 psi (premium)
Internal Yield Pressure	: 15,638 psi (premium)
Torsional Yield	: 58,113 ft/lb.(premium)
Internal Plastic Coating	: TK-34
Average Length Per Joint	: 31.3 ft

TOOL JOINTS:

Tool Joint OD/ID	: 6-5/8" x 3-1/4"
Tool Joint Tong Space	: In Accordance with DSI Category 4
Connection	: NC 50 Pin x Box
Hard Facing	: None
Tensile Yield	: 750,000 lbs (premium)
Torsional Yield	: 47,280 ft/lbs (premium)
Recommended Make-Up Torque	: 28,370 ft/lbs
Drift Diameter	: 3.125"

Capacity	: 8.96 lt./mtr
Open End Displacement	: 4.47 lt./mtr
Closed End Displacement	: 13.43 lt./mtr



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5"OD, G-105, 19.5 lb./ft

PIPE:

Pipe OD/ID/Wall Thickness	: 5" x 4.276" x 0.362"
Manufacturer	: Grant Prideco
Grade & Range	: G-105, Range II
Weight / Upset	: 19.5 lb./ft / IEU
Section area body of pipe	: 5.2746 sq. in.
Polar Section Modulus	: 11.415 cu in.
Tensile Yield	: 436,150 lbs (premium)
Collapse Pressure	: 8,765 psi (premium)
Internal Yield Pressure	: 12,163 psi (premium)
Torsional Yield	: 45,199 ft/lb.(premium)
Internal Plastic Coating	: None
Average Length Per Joint	: 31.3 ft

TOOL JOINTS:

Tool Joint OD/ID	: 6-3/8" x 3-1/4"
Tool Joint Tong Space	: In Accordance with DSI Category 4
Connection	: NC 50 Pin x Box
Hard Facing	: ARNCO 200XT
Tensile Yield	: 750,000 lbs (premium)
Torsional Yield	: 47,280 ft/lbs (premium)
Recommended Make-Up Torque	: +/- 21,920 ft/lbs
Drift Diameter	: 3.125"

Capacity	: 8.96 lt./mtr
Open End Displacement	: 4.47 lt./mtr
Closed End Displacement	: 13.43 lt./mtr



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4" OD, S-135, 14.0 lb./ft Grant XT-39

PIPE:

Pipe OD/ID	: 4.000" x 3.340"
Grade & Range	: S-135, Range 2
Weight & Upset	: 14.00 lb./ft, IEU
Wall Thickness	: 0.330"
Section Area body of Pipe	: 3.805 sq. in
Collapse Pressure	: 13,836 psi (Premium)
Internal Yield Pressure	: 18,428 psi (Premium)
Tensile Yield	: 403,500 lbs (Premium)
Torsional Yield	: 32,800 ft/lbs (Premium)
Ave Length per Joint	: 31.50 ft
Internal Plastic Coating	: Tubescope TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 4-7/8 x 2-9/16"
Connection	: Grant XT-39 Pin x Box
Hardfacing	: ARNCO 100 XT, Box & Pin
Tensile Yield	: 726,400 lbs
Torsional Yield	: 30,400 ft/lbs
Minimum Make Up Torque	: 12,278 ft/lbs
Optimum Make Up Torque	: 17,760 ft/lbs
Maximum Make Up Torque	: 22,200 ft/lbs
Drift Diameter	: 2.438"



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4" OD, S-135T, 14.0 lb./ft Grant XTF-39

PIPE:

Pipe OD/ID	: 4.000" x 3.340"
Grade & Range	: S-135T, Range 2
Weight & Upset	: 14.00 lb./ft, IEU
Wall Thickness	: 0.330"
Section Area body of Pipe	: 3.805 sq. in
Collapse Pressure	: 13,836 psi (Premium)
Internal Yield Pressure	: 18,428 psi (Premium)
Tensile Yield	: 403,500 lbs (Premium)
Torsional Yield	: 32,800 ft/lbs (Premium)
Ave Length per Joint	: 31.50 ft
Internal Plastic Coating	: Tuboscope TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 5" x 2-9/16"
Connection	: Grant XTF-39 Pin x Box
Hardfacing	: Tuboscope TCSTi
Tensile Yield	: 726,400 lbs
Torsional Yield	: 30,400 ft/lbs
Minimum Make Up Torque	: 12,278 ft/lbs
Optimum Make Up Torque	: 17,760 ft/lbs
Maximum Make Up Torque	: 22,200 ft/lbs
Drift Diameter	: 2.438"



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4" OD, XD-105, 14.0 lb./ft Grant XT-39

PIPE:

Pipe OD/ID	: 4.000" x 3.340"
Grade & Range	: XD-105, Range 2
Weight & Upset	: 14.00 lb./ft, IEU
Wall Thickness	: 0.330"
Section Area body of Pipe	: 3.805 sq. in
Collapse Pressure	: 15,896 psi (New)
Internal Yield Pressure	: 15,159 psi (New)
Tensile Yield	: 399,500 lbs. (New)
Torsional Yield	: 32,600 /lbs. (New)
Ave Length per Joint	: 31.50 ft
Internal Plastic Coating	: Tuboscope TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 4-7/8 x 2-9/16"
Connection	: Grant XT-39 Pin x Box
Hardfacing	: ARNCO 100 XT
Tensile Yield	: 635,300 lbs.
Torsional Yield	: 32,300 ft/lbs.
Minimum Make Up Torque	: 12,200 ft/lbs.
Optimum Make Up Torque	: 17,760 ft/lbs
Maximum Make Up Torque	: 22,200 ft/lbs.
Drift Diameter	: 2.438"



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4" OD, S-135, 14.0 lb./ft

PIPE:

Pipe OD/ID	: 4.000" x 3.340"
Grade & Range	: S-135, Range 2
Weight & Upset	: 14.00 lb./ft, IEU
Wall Thickness	: 0.330"
Section Area body of Pipe	: 3.805 sq. in
Collapse Pressure	: 13,836 psi (Premium)
Internal Yield Pressure	: 17,820 psi (Premium)
Tensile Yield	: 403,527 lbs (Premium)
Torsional Yield	: 32,752 ft/lbs (Premium)
Ave Length per Joint	: 31.50 ft
Internal Plastic Coating	: Tubescope TK-34 (some)

TOOL JOINTS:

Tool Joint OD/ID	: 5-1/8" x 2-13/16"
Connection	: 4" FH Pin x Box
Hardfacing	: ARNCO 200 XT, Box only
Torsional Yield	: 23,350 ft/lbs
Optimum Make Up Torque	: 14,010 ft/lbs
Drift Diameter	: 2.688"



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2” OD, S-135, 15.5 lb./ft

PIPE:

Manufacturer	:	
Pipe OD/ID	:	3.500” x 2.602”
Grade & Range	:	S-135, range 2
Weight & Upset	:	15.50 lb./ft, IEU
Wall Thickness	:	0.449”
Section Area body of Pipe	:	4.304 sq. in
Collapse Pressure	:	26,049 psi (premium)
Internal Yield Pressure	:	27,710 psi (premium)
Tensile Yield	:	451,115 lbs (premium)
Torsional Yield	:	29,063 ft/lbs (premium)
Ave Length per Joint	:	31.00 ft
Internal Plastic Coating	:	TK-34

TOOL JOINTS:

Tool Joint OD/ID	:	4-3/4” x 2-9/16”
Connection	:	NC 38 Pin x Box
Hardfacing	:	None
Tensile Yield	:	350,000 lbs (new)
Torsional Yield	:	19,170 ft/lbs (new)
Optimum Make Up Torque	:	11,500 ft/lbs (new)
Drift Diameter	:	2.500”



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2" OD, S-135, 15.5 lb./ft

PIPE:

Manufacturer	:	
Pipe OD/ID	:	3.500" x 2.602"
Grade & Range	:	S-135, range 2
Weight & Upset	:	15.50 lb./ft, IEU
Wall Thickness	:	0.449"
Section Area body of Pipe	:	4.304 sq. in
Collapse Pressure	:	26,049 psi (premium)
Internal Yield Pressure	:	27,710 psi (premium)
Tensile Yield	:	451,115 lbs (premium)
Torsional Yield	:	29,063 ft/lbs (premium)
Ave Length per Joint	:	31.00 ft
Internal Plastic Coating	:	TK-34

TOOL JOINTS:

Tool Joint OD/ID	:	5" x 2-9/16"
Connection	:	DSTJ-NC 38 Pin x Box
Hardfacing	:	None
Tensile Yield	:	lbs (new)
Torsional Yield	:	ft/lbs (new)
Optimum Make Up Torque	:	ft/lbs (new)
Drift Diameter	:	2.500"

NKK DSTJ is totally Interchangeable with Standard 3-1/2"IF (NC-38) Connections



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2” OD, S-135, 15.50 lb./ft

PIPE:

Manufacturer	: Baoshan China
Pipe OD/ID	: 3.500 x 2.602”
Grade & Range	: S-135, range 2
Nominal Weight & Upset	: 15.50 lb./ft, IEU
Wall Thickness	: 0.449”
Section Area body of Pipe	: 4.304 sq. in (new)
Collapse Pressure	: 26,049 psi (Premium)
Internal Yield Pressure	: 27,710 psi (Premium)
Tensile Yield	: 451,115 lb. (Premium)
Torsional Yield	: 29,063 ft/lb. (Premium)
Ave Length per Joint	: 31.00 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 5” x 2-9/16”
Connection	: BGDS/DSTJ
Hardfacing	: None
Tensile Yield	: 350,000 lb. (New)
Torsional Yield	: 26,930 ft/lb. (New)
Optimum Make Up Torque	: 18,900 ft/lb. (New)
Max Make Up Torque	: 13,230 ft/lb. (New)
Drift Diameter	: 2.500”

Connection is fully Interchangeable with API 3-1/2”IF (NC-38)

Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2” OD, G-105, 15.50 lb./ft GPDS38

PIPE:

Pipe OD/ID	: 3.500 x 2.764”
Grade & Range	: G-105, range 2
Nominal Weight & Upset	: 15.50 lb./ft, EU
Wall Thickness	: 0.368”
Section Area body of Pipe	: 3.621 sq. in (new)
Collapse Pressure	: psi
Internal Yield Pressure	: psi
Tensile Yield	:
Torsional Yield	:
Ave Length per Joint	: 31.50 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 5” x 2-9/16”
Connection	: (NC-38) BGDS
Hardfacing	: ARNCO 300XT
Tensile Yield	: 560,000 lb. (Premium)
Torsional Yield	: 26,930 ft/lb. (Premium)
Minimum Make Up Torque	: 12,200 ft/lb (Premium)
Optimum Make Up Torque	: 14,900 ft/lb. (Premium)
Max Make Up Torque	: 18,900 ft/lb. (Premium)
Drift Diameter	: 2.500”

Baoshan BGDS is fully Interchangeable with Standard 3-1/2” IF (NC-38) Connections



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2" OD, S-135, 13.30 lb./ft GPDS38

PIPE (Premium):

Manufacturer	: Grant Prideco
Pipe OD/ID	: 3.500"
Grade & Range	: S-135, range 2
Nominal Weight & Upset	: 13.30 lb./ft, IEU
Wall Thickness	: 0.368"
Section Area body of Pipe	: 5.144 sq. in (new)
Collapse Pressure	: 25,404 psi (Premium)
Internal Yield Pressure	: 24,840 psi (Premium)
Tensile Yield	: 488,800 lb. (Premium)
Torsional Yield	: 33,400 ft/lb. (Premium)
Ave Length per Joint	: 31.00 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 5" x 2-9/16"
Connection	: GPDS38
Hardfacing	: Tuboscope TCS Titanium 3./32"
Tensile Yield	: 649,200 lb. (New)
Torsional Yield	: 25,800 ft/lb. (New)
Optimum Make Up Torque	: 15,500 ft/lb. (New)
Max Make Up Torque	: 12,200 ft/lb. (New)
Drift Diameter	: 2.438"

Connection is fully Interchangeable with API 3-1/2"IF (NC-38)

Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2” OD, S-135, 13.3 lb./ft

PIPE:

Manufacturer	: NKK
Pipe OD/ID	: 3.500” x 2.764”
Grade & Range	: S-135, range 2
Weight & Upset	: 13.30 lb./ft, IEU
Wall Thickness	: 0.368”
Section Area body of Pipe	: 3.621 sq. in
Collapse Pressure	: 21,626 psi (premium)
Internal Yield Pressure	: 23,708 psi (premium)
Tensile Yield	: 381,900 lbs (premium)
Torsional Yield	: 25,900 ft/lbs (premium)
Ave Length per Joint	: 31.5 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 5” x 2-9/16”
Connection	: NC-38 Pin x Box
Hardfacing	: ARNCO 200XT
Tensile Yield	: 300,000 lbs (premium)
Torsional Yield	: 20,140 ft/lbs (premium)
Maximum Make Up Torque	: 12,220 ft/lbs (premium)
Drift Diameter	: 2.500”



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2" OD, S-135, 13.3 lb./ft HT-38

PIPE:

Manufacturer	: Grant Prideco
Pipe OD/ID	: 3.500" x 2.764"
Grade & Range	: S-135, range 2
Weight & Upset	: 13.30 lb./ft, IEU
Wall Thickness	: 0.368"
Section Area body of Pipe	: 3.621 sq. in
Collapse Pressure	: 21,626 psi (premium)
Internal Yield Pressure	: 23,708 psi (premium)
Tensile Yield	: 381,900 lbs (premium)
Torsional Yield	: 25,900 ft/lbs (premium)
Ave Length per Joint	: 31.5 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 5" x 2-9/16"
Connection	: Grant HT-38 Pin x Box
Hardfacing	: Smooth X
Tensile Yield	: 649,400 lbs (premium)
Torsional Yield	: 29,600 ft/lbs (premium)
Maximum Make Up Torque	: 17,800 ft/lbs (premium)
Drift Diameter	: 2.500"



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2" OD, S-135, 9.50 lb./ft HT-38

PIPE:

Manufacturer	: Grant Prideco
Pipe OD/ID	: 3.500" x 2.992"
Grade & Range	: S-135, range 2
Weight & Upset	: 9.50 lb./ft, IEU
Wall Thickness	: 0.254"
Section Area body of Pipe	: 2.590 sq. in
Collapse Pressure	: 10,093 psi (premium)
Internal Yield Pressure	: 15,675 psi (premium)
Tensile Yield	: 275,363 lbs (premium)
Torsional Yield	: 19,968 ft/lbs (premium)
Ave Length per Joint	: 31.5 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 4-3/4" x 2-11/16"
Connection	: Grant HT-38 Pin x Box
Hardfacing	: Smooth X
Tensile Yield	: 587,600 lbs (premium)
Torsional Yield	: 25,300 ft/lbs (premium)
Maximum Make Up Torque	: 15,200 ft/lbs (premium)
Drift Diameter	: 2.500"



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

3-1/2” OD, G-105, 13.3 lb./ft

PIPE:

Pipe OD/ID	: 3.500” x 2.764”
Grade & Range	: G-105, Range 2
Weight & Upset	: 13.30 lb./ft, IEU
Wall Thickness	: 0.368”
Section Area body of Pipe	: 3.621 sq. in
Collapse Pressure	: 19,758 psi (New)
Internal Yield Pressure	: 19,320 psi (New)
Tensile Yield	: 380,197 lbs (New)
Torsional Yield	: 25,972 ft/lbs (New)
Ave Length per Joint	: 31.5 ft
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 5” x 2-9/16”
Connection	: (NC-38) DSTJ
Hardfacing	: Flush
Tensile Yield	: 560,000 lbs (premium)
Torsional Yield	: 26,930 ft/lbs (premium)
Minimum Make Up Torque	: 12,200 ft/lbs (premium)
Recommended Make Up Torque	: 14,900 ft/lbs (premium)
Maximum Make Up Torque	: 18,900 ft/lbs (premium)
Drift Diameter	: 2.500”

NKK DSTJ is totally Interchangeable with Standard 3-1/2”IF (NC-38) Connections



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

2-7/8” OD, S-135, 10.4 lb./ft, Hydril WT-23

PIPE:

Pipe OD/ID	: 2-7/8” x 2.151”
Grade & Range	: S-135, range 2
Weight & Upset	: 10.4 lb./ft, IEU
Wall Thickness	: 0.362”
Hook Load (new)	: 385,820 lbs
Section Area body of Pipe	: 2.8579 sq. in
Polar Sectional modulus	: 3.204 cu. in.
Collapse Pressure	: 25,602 psi (Premium)
Internal Yield Pressure	: 27,197 psi (Premium)
Tensile Yield	: 299,764 lb.(Premium)
Torsional Yield	: 15,945 ft/lb. (Premium)
Internal Plastic Coating	: Nil

TOOL JOINTS:

Tool Joint Manufacturer	: OMSCO Industries Ltd.
Material	: 4137 mod.
Tool Joint OD/ID	: 3-1/8” x 1-1/2”
Tool Joint Length	: 9” Pin x 11” Box
Connection	: Hydril WT-23
Hardfacing	: Arnco 200XT Type J
Bevel Diameter	: 2-15/16”
Tensile Yield	: 387,000 lb.(New)
Torsional Yield	: 10,400 ft/lb.(New)
Make Up Torque	: 5,500 ft/lb.
Drift Diameter	: 1.375”



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

2-7/8” OD, S-135, 10.4 lb./ft, PAC DS

PIPE:

Pipe OD/ID	: 2-7/8” x 2.151”
Grade & Range	: S-135, range 2
Weight & Upset	: 10.4 lb./ft, IEU
Wall Thickness	: 0.362”
Hook Load (new)	: 385,820 lbs
Section Area body of Pipe	: 2.8579 sq. in
Polar Sectional modulus	: 3.204 cu. in.
Collapse Pressure	: 25,602 psi (Premium)
Internal Yield Pressure	: 27,197 psi (Premium)
Tensile Yield	: 299,764 lb.(Premium)
Torsional Yield	: 15,945 ft/lb. (Premium)
Internal Plastic Coating	: Nil

TOOL JOINTS:

Tool Joint OD/ID	: 3-1/8” x 1-1/2”
Connection	: PAC DS (Double Shoulder)
Hardfacing	: Nil
Tensile Yield	: 273,200 lbs (New)
Torsional Yield	: 9,001 ft/lb.(New)
Make Up Torque	: 5,401 ft/lb.
Drift Diameter	: 1.375”

Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

2-7/8” OD, S-135, 10.4 lb./ft, PAC DSI

PIPE:

Pipe OD/ID	: 2-7/8” x 2.151”
Grade & Range	: S-135, range 2
Weight & Upset	: 10.4 lb./ft, IEU
Wall Thickness	: 0.362”
Hook Load (new)	: 385,820 lbs
Section Area body of Pipe	: 2.8579 sq. in
Polar Sectional modulus	: 3.204 cu. in.
Collapse Pressure	: 25,602 psi (Premium)
Internal Yield Pressure	: 27,197 psi (Premium)
Tensile Yield	: 299,764 lb.(Premium)
Torsional Yield	: 15,945 ft/lb. (Premium)
Internal Plastic Coating	: TK-34

TOOL JOINTS:

Tool Joint OD/ID	: 3-1/8” x 1-1/2”
Connection	: PAC DSI (Double Shoulder)
Hardfacing	: ARNCO 200XT
Tensile Yield	: 273,200 lbs (New)
Torsional Yield	: 9,001 ft/lb.(New)
Make Up Torque	: 5,401 ft/lb.
Drift Diameter	: 1.375”



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

2-7/8” OD, E-75, 10.4 lb./ft, PAC

PIPE:

Pipe OD/ID	: 2-7/8” x 2.151”
Grade & Range	: Grade E-75, range 2
Weight & Upset	: 10.4 lb./ft, IEU
Wall Thickness	: 0.362”
Section Area body of Pipe	: 2.8579 sq. in
Polar Sectional modulus	: 3.204 cu. in.
Collapse Pressure	: 14,223 psi (Premium)
Internal Yield Pressure	: 15,110 psi (Premium)
Tensile Yield	: 166,535 lb. (Premium)
Torsional Yield	: 8,858 ft/lb. (Premium)
Internal Plastic Coating	: Nil

TOOL JOINTS:

Tool Joint OD/ID	: 3-1/8” x 1-1/2”
Connection	: American PAC
Hardfacing	: Nil
Bevel Diameter	: 2-15/16”
Tensile Yield	: 269,470 lb.(New)
Torsional Yield	: 5,800 ft/lb.(New)
Make Up Torque	: 2,900 ft/lb.
Drift Diameter	: 1.375”



Certified Oilfield Rentals – Drillpipe Specifications

Middle East – Far East – Africa – Australia

www.cor.com.sg

2-3/8" OD, E-75, 6.65 lb./ft

PIPE:

Pipe OD/ID	: 2-3/8" x 1.815"
Grade & Range	: Grade E-75, Range 2
Weight & Upset	: 6.65 lb./ft, IEU
Wall Thickness	: 0.280"
Section Area body of Pipe	: 2.587 sq. in
Polar Sectional modulus	: 0.867 cu. in.
Collapse Pressure	: 13,378 psi (Premium)
Internal Yield Pressure	: 14,147 psi (Premium)
Tensile Yield	: 107,616 lbs. (Premium)
Torsional Yield	: 4,811 ft/lb. (Premium)
Internal Plastic Coating	: Nil

TOOL JOINTS:

Tool Joint OD/ID	: 3-3/8" x 1-3/4"
Connection	: NC 26 (2-3/8" IF)
Hardfacing	: Nil
Tensile Yield	: 155,000 lbs (New)
Torsional Yield	: 6,880 ft/lb. (New)
Make Up Torque	: 4,130 ft/lb.
Drift Diameter	: 1.625"

