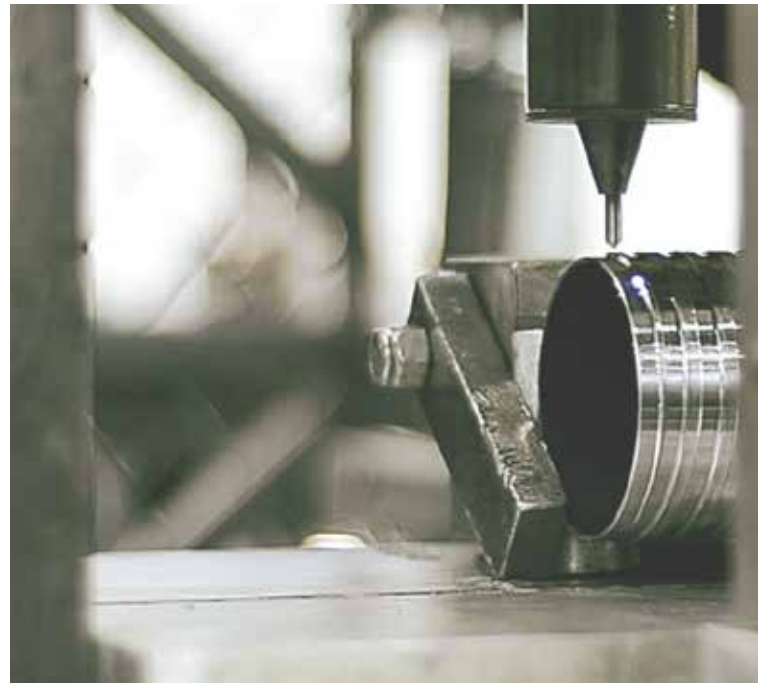
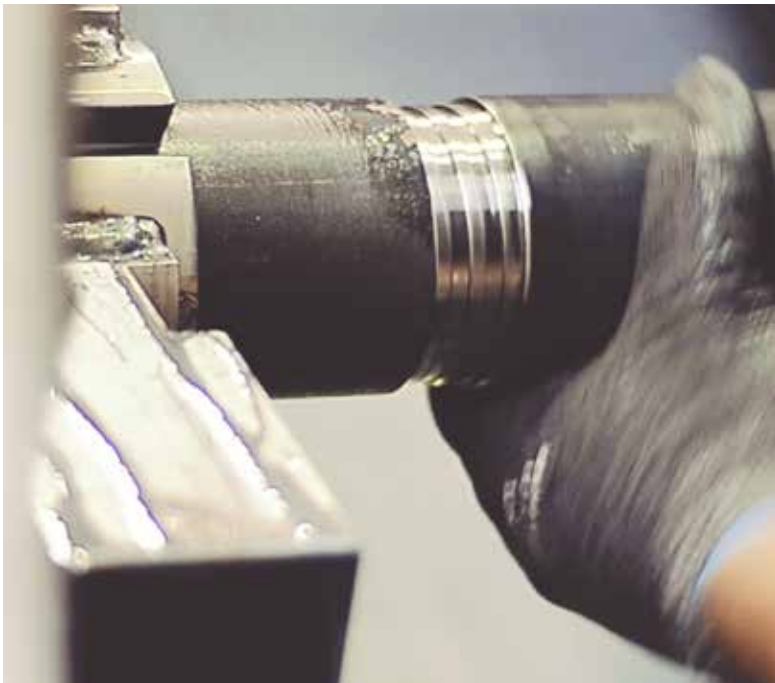




RODS & CASING
PRODUCT INFORMATION CATALOGUE

THE BEST TECH SUPPORT WHEN YOU NEED IT MOST...



Yes, our rods and casing are made of superior quality materials, but more important is what happens if you encounter challenges.

Our technical crews are second to none when it comes to providing on site assistance. They will analyze and diagnose the situation then find the quickest way to get you up and running. Isn't that what really counts?

- *Heat treated rods for greater wear resistance in all drilling applications*
- *Manufactured from quality USA 4130 grade steel*
- *Compliance with ISO 9001:2008 certification standards*

PART NUMBERS

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>lb</i>
BWL	5'	12-B10-005	20.4
	10'	12-B10-006	40.2
NWL	5'	12-N10-005	25.9
	10'	12-N10-006	50.9
HWL	5'	12-H10-005	38.9
	10'	12-H10-006	76.4

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>kg</i>
BWL	1.5 m	12-B10-012	9.1
	3.0 m	12-B10-013	17.9
NWL	1.5 m	12-N10-012	11.6
	3.0 m	12-N10-013	22.7
HWL	1.5 m	12-H10-012	17.4
	3.0 m	12-H10-013	34.1

PACKAGING SPECIFICATIONS

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT <i>lb</i>
BWL	5'	19	405
	10'	19	780
NWL	5'	19	510
	10'	19	1,000
HWL	5'	19	755
	10'	19	1,465

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT <i>kg</i>
BWL	1.5 m	19	190
	3.0 m	19	355
NWL	1.5 m	19	225
	3.0 m	19	450
HWL	1.5 m	19	345
	3.0 m	19	665

DIMENSIONAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
<i>BWL</i>		
Outside Diameter	2.1875 in	55.6 mm
Inside Diameter	1.8125 in	46.0 mm
Wall Thickness	0.1875 in	4.8 mm
Threads per Inch	3	N/A
Volume	13.4 US gal/100 ft	166.3 L/100 m
<i>NWL</i>		
Outside Diameter	2.750 in	69.9 mm
Inside Diameter	2.375 in	60.3 mm
Wall Thickness	0.1875 in	4.8 mm
Threads per Inch	3	N/A
Volume	23.0 US gal/100 ft	285.8 L/100 m
<i>HWL</i>		
Outside Diameter	3.500 in	88.9 mm
Inside Diameter	3.0625 in	77.8 mm
Wall Thickness	0.2188 in	5.6 mm
Threads per Inch	3	N/A
Volume	38.2 US gal/100 ft	474.4 L/100 m

MECHANICAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
<i>BWL</i>		
Max. Depth Capacity	8,600 ft	2,621 m
Max Drilling Pullback**	26,000 lbf	115 KN
Ultimate Torsion*	50,000 lb/in	6.0 KN/m
Ultimate Traction*	80,000 lbf	356 KN
<i>NWL</i>		
Max. Depth Capacity	6,500 ft	2,000 m
Max Drilling Pullback**	33,275 lbf	148 KN
Ultimate Torsion*	80,000 lb/in	9.0 KN/m
Ultimate Traction*	100,000 lbf	444 KN
<i>HWL</i>		
Max. Depth Capacity	5,000 ft	1,685 m
Max Drilling Pullback**	45,000 lbf	200 KN
Ultimate Torsion*	170,000 lb/in	19.0 KN/m
Ultimate Traction*	150,000 lbf	667 KN

* Results determined according to testing performed by an independent laboratory.

** **ATTENTION** Performance values calculated according to results obtained from independent laboratory testing and applicable to new, unused rods manufactured by Fordia, in a straight vertical down hole, assuming compliance to Fordia maintenance recommendations and standard core drilling practices. Actual performance may vary depending on operating conditions and drilling practices.

DESCRIPTION	IMPERIAL	METRIC
Midbody Min. Yield Strength	90,000 psi	621 MPa
Midbody Min. Tensile Strength	105,000 psi	723 MPa
Rod End Hardness	Rockwell C Scale 32 to 36	

PART NUMBERS

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>lb</i>
BTW	5'	12-B13-005	17.6
	10'	12-B13-006	34.6
NTW	5'	12-N13-005	25.3
	10'	12-N13-006	49.8
HTW	5'	12-H13-005	33.9
	10'	12-H13-006	67.8

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>kg</i>
BTW	1.5 m	12-B13-012	7.9
	3.0 m	12-B13-013	15.5
NTW	1.5 m	12-N13-012	11.3
	3.0 m	12-N13-013	22.3
HTW	1.5 m	12-H13-012	15.2
	3.0 m	12-H13-013	30.3

PACKAGING SPECIFICATIONS

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT <i>lb</i>
BTW	5'	19	350
	10'	19	675
NTW	5'	19	495
	10'	19	960
HTW	5'	19	250
	10'	19	485

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT <i>kg</i>
BTW	1.5 m	19	165
	3.0 m	19	310
NTW	1.5 m	19	230
	3.0 m	19	440
HTW	1.5 m	19	110
	3.0 m	19	215

DIMENSIONAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
<i>BTW</i>		
Outside Diameter	2.2250 in	56.5 mm
Inside Diameter	1.9090 in	48.5 mm
Wall Thickness	0.1580 in	4.0 mm
Threads per Inch	4.5	N/A
Volume	14.8 US gal/100 ft	184.5 L/100 m
<i>NTW</i>		
Outside Diameter	2.8750 in	73.0 mm
Inside Diameter	2.5250 in	64.2 mm
Wall Thickness	0.1750 in	4.6 mm
Threads per Inch	4	N/A
Volume	26.0 US gal/100 ft	323.0 L/100 m
<i>HTW</i>		
Outside Diameter	3.582 in	91.0 mm
Inside Diameter	3.208 in	81.5 mm
Wall Thickness	0.187 in	4.7 mm
Threads per Inch	2	N/A
Volume	84.0 US gal/100 ft	1043.0 L/100 m

MECHANICAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
<i>BTW</i>		
Max. Depth Capacity	8,600 ft	2,621 m
Max Drilling Pullback**	26,000 lbf	115 KN
Ultimate Torsion*	50,000 lb/in	6.0 KN/m
Ultimate Traction*	80,000 lbf	356 KN
<i>NTW</i>		
Max. Depth Capacity	6,500 ft	2,000 m
Max Drilling Pullback**	33,275 lbf	148 KN
Ultimate Torsion*	80,000 lb/in	9.0 KN
Ultimate Traction*	100,000 lbf	444 KN
<i>HTW</i>		
Max. Depth Capacity	5,000 ft	1,685 m
Max Drilling Pullback**	45,000 lbf	200 KN
Ultimate Torsion*	170,000 lb/in	19.0 KN/m
Ultimate Traction*	150,000 lbf	667 KN

* Results determined according to testing performed by an independent laboratory.

** **ATTENTION** Performance values calculated according to results obtained from independent laboratory testing and applicable to new, unused rods manufactured by Fordia, in a straight vertical down hole, assuming compliance to Fordia maintenance recommendations and standard core drilling practices. Actual performance may vary depending on operating conditions and drilling practices.

DESCRIPTION	IMPERIAL	METRIC
Midbody Min. Yield Strength	90,000 psi	621 MPa
Midbody Min. Tensile Strength	105,000 psi	723 MPa
Rod End Hardness	Rockwell C Scale 32 to 36	

PART NUMBERS

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>lb</i>
BT	5'	12-B18-005	20.4
	10'	12-B18-006	40.2
NT	5'	12-N18-005	25.9
	10'	12-N18-006	50.9
HT	5'	12-H18-005	38.9
	10'	12-H18-006	76.4

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>kg</i>
BT	1.5 m	12-B18-012	9.1
	3.0 m	12-B18-013	17.9
NT	1.5 m	12-N18-012	11.6
	3.0 m	12-N18-013	22.7
HT	1.5 m	12-H18-012	17.4
	3.0 m	12-H18-013	34.1

PACKAGING SPECIFICATIONS

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT <i>lb</i>
BT	5'	19	405
	10'	19	780
NT	5'	19	510
	10'	19	1,000
HT	5'	19	755
	10'	19	1,465

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT <i>kg</i>
BT	1.5 m	19	190
	3.0 m	19	355
NT	1.5 m	19	225
	3.0 m	19	450
HT	1.5 m	19	345
	3.0 m	19	665

DIMENSIONAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
BT		
Outside Diameter	2.1875 in	55.6 mm
Inside Diameter	1.8125 in	46.0 mm
Wall Thickness	0.1875 in	4.8 mm
Threads per Inch	3	N/A
Volume	13.4 US gal/100 ft	166.3 L/100 m
NT		
Outside Diameter	2.750 in	69.9 mm
Inside Diameter	2.375 in	60.3 mm
Wall Thickness	0.1875 in	4.8 mm
Threads per Inch	3	N/A
Volume	23.0 US gal/100 ft	285.8 L/100 m
HT		
Outside Diameter	3.500 in	88.9 mm
Inside Diameter	3.062 in	77.8 mm
Wall Thickness	0.219 in	5.6 mm
Threads per Inch	2	2
Volume	38.2 US gal/100 ft	474.4 L/100 m

MECHANICAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
BT		
Max. Depth Capacity	8,600 ft	2,621 m
Max Drilling Pullback**	26,000 lbf	115 KN
Ultimate Torsion*	50,000 lb/in	6.0 KN/m
Ultimate Traction*	80,000 lbf	356 KN
NT		
Max. Depth Capacity	6,500 ft	2,000 m
Max Drilling Pullback**	33,275 lbf	148 KN
Ultimate Torsion*	80,000 lb/in	9.0 KN/m
Ultimate Traction*	100,000 lbf	444 KN
HT		
Max. Depth Capacity	5,000 ft	1,685 m
Max Drilling Pullback**	45,000 lbf	200 KN
Ultimate Torsion*	170,000 lb/in	19 KN/m
Ultimate Traction*	150,000 lbf	667 KN

* Results determined according to testing performed by an independent laboratory.

** **ATTENTION** Performance values calculated according to results obtained from independent laboratory testing and applicable to new, unused rods manufactured by Fordia, in a straight vertical down hole, assuming compliance to Fordia maintenance recommendations and standard core drilling practices. Actual performance may vary depending on operating conditions and drilling practices.

DESCRIPTION	IMPERIAL	METRIC
Midbody Min. Yield Strength	90,000 psi	621 MPa
Midbody Min. Tensile Strength	105,000 psi	723 MPa
Rod End Hardness	Rockwell C Scale 32 to 36	

PART NUMBERS

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>lb</i>
HWT	5'	12-H22-005	57.9
	10'	12-H22-006	115.9

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>kg</i>
HWT	1.5 m	12-H22-012	25.9
	3.0 m	12-H22-013	51.8

DIMENSIONAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
<i>HWT</i>		
Outside Diameter	4.500 in	114.3 mm
Inside Diameter	4.000 in	101.6 mm
Wall Thickness	0.250 in	6.4 mm
Threads per Inch	2.5	N/A
Volume	65.2 US gal/100 ft	810.4 L/100 m

MECHANICAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
<i>HWT</i>		
Max. Depth Capacity	4,300 ft	1,320 m
Max Drilling Pullback**	50,600 lbf	23,000 kg
Ultimate Torsion*	170,000 lb/in	19.0 KN/m
Ultimate Traction*	154,000 lbf	70,000 kg
Midbody Min. Yield Strength	90,000 psi	621 MPa
Midbody Min. Tensile Strength	105,000 psi	723 MPa
Rod End Hardness	Rockwell C Scale 32 to 36	

* Results determined according to testing performed by an independent laboratory.

** **ATTENTION** Performance values calculated according to results obtained from independent laboratory testing and applicable to new, unused rods manufactured by Fordia, in a straight vertical down hole, assuming compliance to Fordia maintenance recommendations and standard core drilling practices. Actual performance may vary depending on operating conditions and drilling practices.

PACKAGING SPECIFICATIONS

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT	
			<i>lb</i>	<i>kg</i>
HWT	5'	7	415	—
	10'	7	825	—
	1.5 m	7	—	190
	3.0 m	7	—	370

PART NUMBERS

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>lb</i>
BW	5'	13-B15-005	35.0
	10'	13-B15-006	70.0
NW	5'	13-N15-005	42.9
	10'	13-N15-006	86.0
HW	5'	13-H15-005	57.9
	10'	13-H15-006	115.9
HWT	5'	13-H22-005	57.9
	10'	13-H22-006	115.9

DIMENSION	LENGTH	PART NO.	UNIT WEIGHT <i>kg</i>
BW	1.5 m	13-B15-012	15.7
	3.0 m	13-B15-013	31.3
NW	1.5 m	13-N15-012	19.2
	3.0 m	13-N15-013	38.5
HW	1.5 m	13-H15-012	25.9
	3.0 m	13-H15-013	51.8
HWT	1.5 m	13-H22-012	25.9
	3.0 m	13-H22-013	51.8

PACKAGING SPECIFICATIONS

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT	
			<i>lb</i>	<i>kg</i>
BW	5'	19	675	305
	10'	19	1,340	610
NW	5'	19	825	375
	10'	19	1,645	745
HW	5'	7	415	190
	10'	7	825	375
HWT	5'	7	415	190
	10'	7	825	375

DIMENSION	LENGTH	PARTS PER BUNDLE	BUNDLE WEIGHT	
			<i>lb</i>	<i>kg</i>
BW	1.5 m	19	665	305
	3.0 m	19	1,320	600
NW	1.5 m	19	815	375
	3.0 m	19	1,620	735
HW	1.5 m	7	410	190
	3.0 m	7	810	370
HWT	1.5 m	7	410	190
	3.0 m	7	810	370

DIMENSIONAL SPECIFICATIONS

DESCRIPTION	IMPERIAL	METRIC
<i>BW</i>		
Outside Diameter	2.875 in	73.0 mm
Inside Diameter	2.375 in	60.3 mm
Wall Thickness	0.250 in	6.4 mm
Threads per Inch	4	N/A
Volume	23.0 US gal/100 ft	285.8 L/100 m
<i>NW</i>		
Outside Diameter	3.500 in	88.9 mm
Inside Diameter	3.000 in	76.2 mm
Wall Thickness	0.250 in	6.4 mm
Threads per Inch	4	N/A
Volume	36.7 US gal/100 ft	455.7 L/100 m
<i>HW</i>		
Outside Diameter	4.500 in	114.3 mm
Inside Diameter	4.000 in	101.6 mm
Wall Thickness	0.250 in	6.4 mm
Threads per Inch	4	N/A
Volume	65.2 US gal/100 ft	810.4 L/100 m
<i>HWT</i>		
Outside Diameter	4.500 in	114.3 mm
Inside Diameter	4.000 in	101.6 mm
Wall Thickness	0.250 in	6.4 mm
Threads per Inch	2.5	N/A
Volume	65.2 US gal/100 ft	810.4 L/100 m

PROPER CARE AND USAGE

Fordia recommends the use of an anti-seize compound on the threads of the entire Husky line of rods and casing. Fordia advises the use of **MOBIL PIPE DOPE Z50** on the threads and it is recommended that this product remain on the threads. This product, or an equivalent anti-seize compound with 50% zinc particle content, must be used for the entire life of the rod and casing, to prolong the life of the rods and casing and to prevent wear and galling.

It is also recommended that the anti-seize compound be replaced should it become contaminated, by dust for example, or if it dries out. In these cases, the compound should be completely removed using a brush and a new coating of compound should be applied to the threads.



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