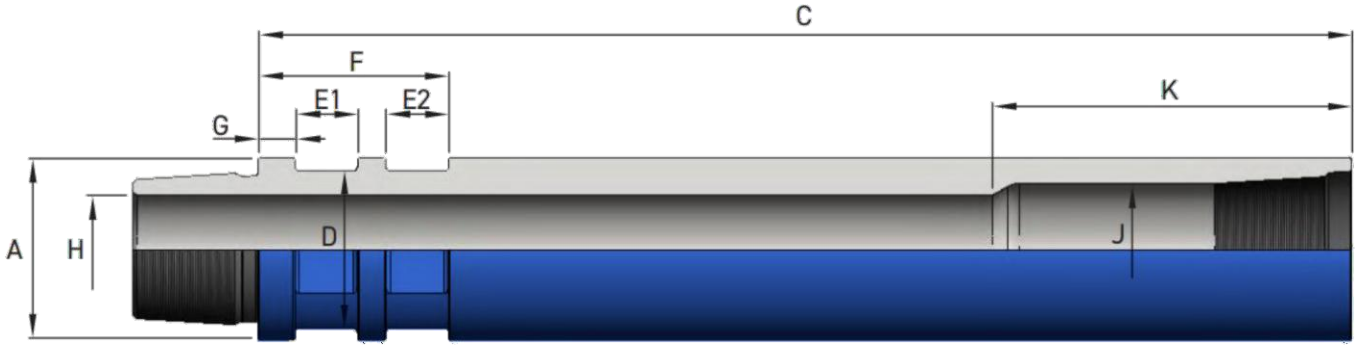
Standard Raise Bore Products

Standard Rods



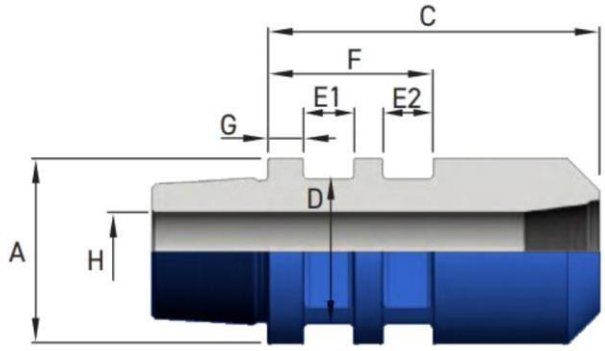
Standard Metric Dimensions

OD	Thread	Length	Wrench			Length		ID		Length
Body	Pin x Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body	Boreback	
A	-	C	D	E1	E2	F	G	H	J	K
254.0mm	8 1/4" DI-22	1219.2mm 1524.0mm	203.2mm 209.5mm	69.8mm	69.8mm	209.5mm	38.1mm	120.5mm	181.0mm	482.6mm 914.2mm
285.7mm	9 1/4" DI-22	1219.2mm 1524.0mm	228.6mm 234.9mm	75.0mm 88.9mm	75.0mm 88.9mm	224.8mm 254.0mm	40mm 63.5mm	120.5mm	195.26mm	482.6mm 914.2mm
327.0mm	10 1/2" DI-22	1524.0mm	254.0mm 266.7mm	88.9mm	88.9mm	292.1mm	63.5mm	138.1mm	228.6mm	482.6mm 914.2mm

Standard Imperial Dimensions

OD	Thread	Length	Wrench			Length		ID		Length
Body	Pin x Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body	Boreback	
A	-	C	D	E1	E2	F	G	H	J	K
10"	8 1/4" DI-22	48" 60"	8" 8 1/4"	2 3/4"	2 3/4"	8 1/4"	1 1/2"	4 3/4"	7 1/8"	19" 36"
11 1/4"	9 1/4" DI-22	48" 60"	9" 9 1/4"	2 61/64" 3 1/2"	2 61/64" 3 1/2"	8 27/32" 10"	1 37/64" 2 1/2"	4 3/4"	7 11/16"	19" 36"
12 7/8"	10 1/2" DI-22	48" 60"	10" 10 1/2"	3 1/2"	3 1/2"	11 1/2"	2 1/2"	5 7/16"	9"	19" 36"

Short Starter Rods



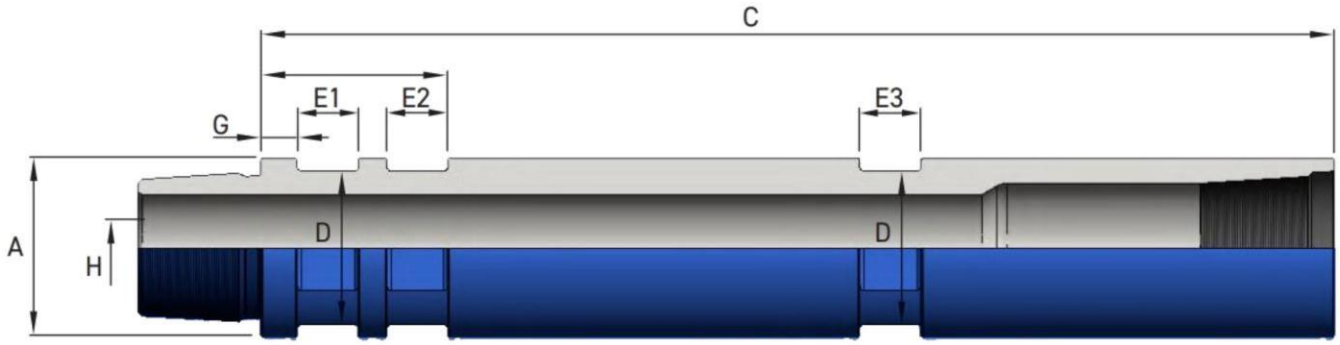
Standard Metric Dimensions

OD	Thread		Length	Wrenching			Length		ID
Body	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	-	-	C	D	E1	E2	F	G	H
254.0mm	8 1/4” DI-22	6 5/8” API REG	584.2mm	203.2mm 209.5mm	69.8mm	69.8mm	209.5mm	38.1mm	120.5mm
285.7mm	9 1/4” DI-22	6 5/8” API REG	584.2mm	228.6mm 234.9mm	75.0mm 88.9mm	75.0mm 88.9mm	224.8mm 254.0mm	40mm 63.5mm	120.5mm
327.0mm	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	584.2mm	254.0mm 266.7mm	88.9mm	88.9mm	292.1mm	63.5mm	138.1mm

Standard Imperial Dimensions

OD	Thread		Length	Wrenching			Length		ID
Body	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	-	-	C	D	E1	E2	F	G	H
10”	8 1/4” DI-22	6 5/8” API REG	23”	8” 8 1/4”	2 3/4”	2 3/4”	8 1/4”	1 1/2”	4 3/4”
11 1/4”	9 1/4” DI-22	6 5/8” API REG	23”	9” 9 1/4”	2 61/64” 3 1/2”	2 61/64” 3 1/2”	8 27/32” 10”	1 37/64” 2 1/2”	4 3/4”
12 7/8”	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	23”	10” 10 1/2”	3 1/2”	3 1/2”	11 1/2”	2 1/2”	5 7/16”

Long Starter Rods



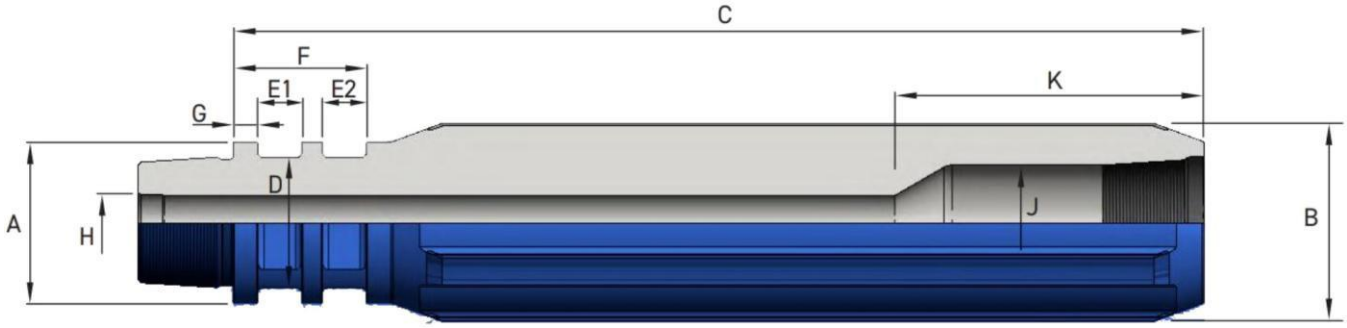
Standard Metric Dimensions

OD	Thread		Length	Wrenching			Length		ID
Body	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	-	-	C	D	E1	E2	F	G	H
254.0mm	8 1/4” DI-22	6 5/8 API REG	1524.0mm	203.2mm 209.5mm	69.8mm	69.8mm	209.5mm	38.1mm	120.5mm
285.7mm	9 1/4” DI-22	6 5/8” API REG	1524.0mm	228.6mm 234.9mm	75.0mm 88.9mm	75.0mm 88.9mm	224.8mm 254.0mm	40mm 63.5mm	120.5mm
327.0mm	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	1524.0mm	254.0mm 266.7mm	88.9mm	88.9mm	292.1mm	63.5mm	138.1mm

Standard Imperial Dimensions

OD	Thread		Length	Wrenching			Length		ID
Body	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	-	-	C	D	E1	E2	F	G	H
10”	8 1/4” DI-22	6 5/8 API REG	60”	8” 8 1/4”	2 3/4”	2 3/4”	8 1/4”	1 1/2”	4 3/4”
11 1/4”	9 1/4” DI-22	6 5/8” API REG	60”	9” 9 1/4”	2 61/64” 3 1/2”	2 61/64” 3 1/2”	8 27/32” 10”	1 37/64” 2 1/2”	4 3/4”
327.0mm	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	60”	10” 10 1/2”	3 1/2”	3 1/2”	11 1/2”	2 1/2”	5 7/16”

Stabilizers



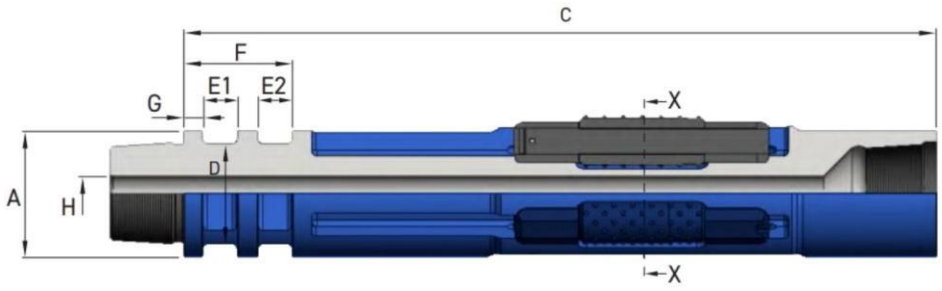
Standard Metric Dimensions

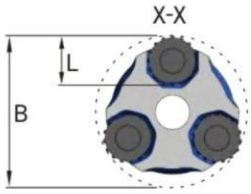
OD		Thread	Length	Wrenching			Length		ID		Length
Body	Hole	-	S/S	Square	Width		S/Flat 1	S/Flat 2	Body	Boreback	
A	B	-	C	D	E1	E2	F	G	H	J	K
254.0mm	279.4mm 311.1mm 349.2mm	8 1/4” DI-22	1219.2mm 1524.0mm	203.2mm 209.5mm	69.8mm	69.8mm	209.5mm	38.1mm	85.7mm	181.0mm	482.6mm 914.2mm
285.7mm	311.1mm 349.2mm	9 1/4” DI-22	1219.2mm 1524.0mm	228.6mm 234.9mm	75.0mm 88.9mm	75.0mm 88.9mm	224.8mm 254.0mm	40mm 63.5mm	120.5mm	203.2mm	482.6mm 914.2mm
327.0mm	349.2mm 381.0mm 406.4mm 444.5mm	10 1/2” DI-22	1219.2mm 1524.0mm	254.0mm 266.7mm	88.9mm	88.9mm	292.1mm	63.5mm	138.1mm	228.6mm	482.6mm 914.4mm

Standard Imperial Dimensions

OD		Thread	Length	Wrenching			Length		ID		Length
Body	Hole	-	S/S	Square	Width		S/Flat 1	S/Flat 2	Body	Boreback	
A	B	-	C	D	E1	E2	F	G	H	J	K
10”	11” 12 1/4” 13 3/4”	8 1/4” DI-22	48” 60”	8” 8 1/4”	2 3/4”	2 3/4”	8 1/4”	1 1/2”	3 3/8”	7 1/8”	19” 36”
11 1/4”	12 1/4” 13 3/4”	9 1/4” DI-22	48” 60”	9” 9 1/4”	2 61/64” 3 1/2”	2 61/64” 3 1/2”	8 27/32” 10”	1 5/8” 2 1/2”	4 3/4”	8”	19” 36”
12 7/8”	13 3/4” 15” 16” 17 1/2”	10 1/2” DI-22	48” 60”	10” 10 1/2”	3 1/2”	3 1/2”	11 1/2”	2 1/2”	5 7/16”	9”	19” 36”

Roller Reamers





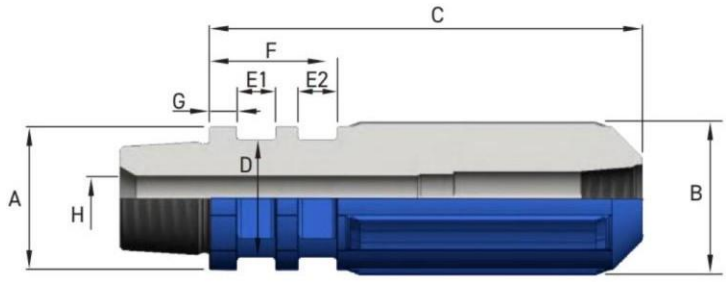
Standard Metric Dimensions

OD		Thread		Length	Wrenching			Length		ID	Cutter
Body	Hole	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body	Size
A	B	-	-	C	D	E1	E2	F	G	H	L
254.0mm	279.4mm 311.1mm	8 1/4” DI-22	8 1/4” DI-22 6 5/8” API REG	1219.2mm 1524.0mm	203.2mm 209.5mm	69.8mm	69.8mm	209.5mm	38.1mm	63.5mm	63.5mm 101.6mm
285.7mm	311.1mm	9 1/4” - DI 22	8 1/4” DI-22 6 5/8” API REG	1524.0mm	228.6mm 234.9mm	75.0mm 88.9mm	75.0mm 88.9mm	224.8mm 254.0mm	38.1mm	63.5mm	101.6mm
327.0mm	349.2mm 381.0mm	10 1/2” DI-22	10 1/2” DI-22 6 5/8” API REG 7 5/8” API REG	1524.0mm	254.0mm 266.7mm	88.9mm	88.9mm	292.1mm	63.5mm	88.9mm	101.6mm

Standard Imperial Dimensions

OD		Thread		Length	Wrenching			Length		ID	Cutter
Body	Hole	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body	Size
A	B	-	-	C	D	E1	E2	F	G	H	L
10”	11” 12 1/4”	8 1/4” DI-22	8 1/4” DI-22 6 5/8” API REG	48” 60”	8” 8 1/4”	2 3/4”	2 3/4”	8 1/4”	1 1/2”	2 1/2”	2 1/2” 4”
11 1/4”	12 1/4”	9 1/4” DI-22	8 1/4” DI-22 6 5/8” API REG	60”	9” 9 1/4”	2 61/64” 3 1/2”	2 61/64” 3 1/2”	8 27/32” 10”	1 1/2”	2 1/2”	4”
12 7/8”	13 3/4” 15”	10 1/2” DI-22	10 1/2” DI-22 6 5/8” API REG 7 5/8” API REG	60”	10” 10 1/2”	3 1/2”	3 1/2”	11 1/2”	2 1/2”	3 1/2”	4”

Bit Subs with Float Valve



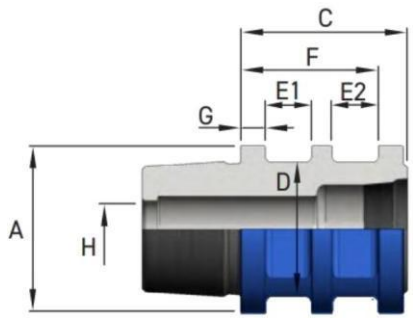
Standard Metric Dimensions

OD		Thread		Length	Wrenching			Length		ID
Body	Hole	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	B	-	-	C	D	E1	E2	F	G	H
254.0mm	279.4mm 311.1mm 349.2mm	8 1/4” DI-22	6 5/8” API REG	800.1mm	203.2mm 209.5mm	69.8mm	69.8mm	209.5mm	38.1mm	120.5mm
285 7mm .	311.1mm 349.2mm	9 1/4” DI-22	6 5/8” API REG	800.1mm	228.6mm 234.9mm	75.0mm 88.9mm	75.0mm 88.9mm	224.8mm 254.0mm	40mm 63.5mm	120.5mm
327 0mm .	349.2mm 381.0mm 406.4mm 444.5mm	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	800.1mm	254.0mm 266.7mm	88.9mm	88.9mm	292.1mm	63.5mm	138.1mm

Standard Imperial Dimensions

OD		Thread		Length	Wrenching			Length		ID
Body	Hole	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	B	-	-	C	D	E1	E2	F	G	H
10”	11” 12 1/4” 13 3/4”	8 1/4” DI-22	6 5/8” API REG	31 1/2”	8” 8 1/4”	2 3/4”	2 3/4”	8 1/4”	1 1/2”	4 3/4”
11 1/4”	12 1/4” 13 3/4”	9 1/4” DI-22	6 5/8” API REG	31 1/2”	9” 9 1/4”	2 61/64” 3 1/2”	2 61/64” 3 1/2”	8 27/32” 10”	1 37/64” 2 1/2”	4 3/4”
12 7/8”	13 3/4” 15” 16” 17 1/2”	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	31 1/2”	10” 10 1/2”	3 1/2”	3 1/2”	11 1/2”	2 1/2”	5 7/16”

Pilot Subs with Float Valve – 2 Spanner Flats



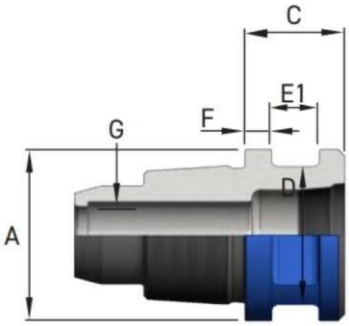
Standard Metric Dimensions

OD	Thread		Length	Wrenching			Length		ID
Body	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	-	-	C	D	E1	E2	F	G	H
254.0mm	8 1/4” DI-22	6 5/8” API REG	254.0mm	203.2mm 209.5mm	69.8mm	69.8mm	209.5mm	38.1mm	85.7mm
285.7mm	9 1/4” DI-22	6 5/8” API REG	285.7mm	228.6mm 234.9mm	88.9mm	88.9mm	254.0mm	38.1mm	85.7mm
327.0mm	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	342.9mm	254.0mm 266.7mm	88.9mm	88.9mm	292.1mm	63.5mm	100.0mm

Standard Imperial Dimensions

OD	Thread		Length	Wrenching			Length		ID
Body	Pin	Box	S/S	Square	Width		S/Flat 1	S/Flat 2	Body
A	-	-	C	D	E1	E2	F	G	H
10”	8 1/4” DI-22	6 5/8” API REG	10”	8” 8 1/4”	2 3/4”	2 3/4”	8 1/4”	1 1/2”	3 3/8”
11 1/4”	9 1/4” DI-22	6 5/8” API REG	11 1/4”	9” 9 1/4”	3 1/2”	3 1/2”	10”	1 1/2”	3 3/8”
12 7/8”	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	13 1/2”	10” 10- 1/2”	3 1/2”	3 1/2”	11 1/2”	2 1/2”	3 15/16”

Pilot Subs with Float Valve – Single Spanner Flat



Standard Metric Dimensions

OD	Thread		Length	Wrenching		Length	ID
Body	Pin	Box	S/S	Square	Width	S/Flat	Body
A	-	-	C	D	E1	F	G
254.0mm	8 1/4” DI-22	6 5/8” API REG	147.6mm	203.2mm 209.5mm	69.8mm	38.1mm	85.7mm
285.7mm	9 1/4” DI-22	6 5/8” API REG	165.1mm	228.6mm 234.9mm	88.9mm	38.1mm	85.7mm
327.0mm	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	203.2mm	254.0mm 266.7mm	88.9mm	63.5mm	100.0

Standard Imperial Dimensions

OD	Thread		Length	Wrenching		Length	ID
Body	Pin	Box	S/S	Square	Width	S/Flat	Body
A	-	-	C	D	E1	F	G
10”	8 1/4” DI-22	6 5/8” API REG	5 13/16”	8” 8 1/4”	2 3/4”	1 1/2”	3 3/8”
11 1/4”	9 1/4” DI-22	6 5/8” API REG	6 1/2”	9” 9 1/4”	3 1/2”	1 1/2”	3 3/8”
12 7/8”	10 1/2” DI-22	6 5/8” API REG 7 5/8” API REG	8”	10” 10 1/2”	3 1/2”	2 1/2”	3 15/16”

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Please contact one of our representatives to discuss your equipment needs.

BD Drill

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