



Michael Byrne Mfg

Michael Byrne Manufacturing is the oldest manufacturer of auger boring machines in the United States and is widely recognized as the equipment partner of choice for utility contractors.

Founded in 1966 by Mike Byrne in a garage in Mansfield, Ohio, the company originally manufactured concrete finishing equipment. As the trenchless utility market began to emerge, Mike identified a growing opportunity and strategically pivoted the business toward the design and manufacture of auger boring machines.

Early Byrne machines were primarily designed for diameters of 36 inches and smaller. As the trenchless market expanded, so did the scale and capability of Byrne equipment. Today, Michael Byrne Manufacturing produces auger boring machines capable of installing casing up to 84 inches in diameter, meeting the demands of today's largest and most complex underground installations.

Byrne has remained family-owned since its founding, with an unwavering commitment to the trenchless construction industry. The experienced professionals at Byrne combine decades of hands-on knowledge with a deep understanding of the evolution of auger boring equipment—driving innovation in design, safety, performance, tooling, and technical support for the ever-evolving utility contractor.

In 2025, Michael Byrne Manufacturing acquired the boring product assets of **American Augers**, a brand internationally recognized for trenchless equipment. Byrne's service-first approach, technical expertise, and personal customer relationships have been enthusiastically welcomed by American Augers customers worldwide.

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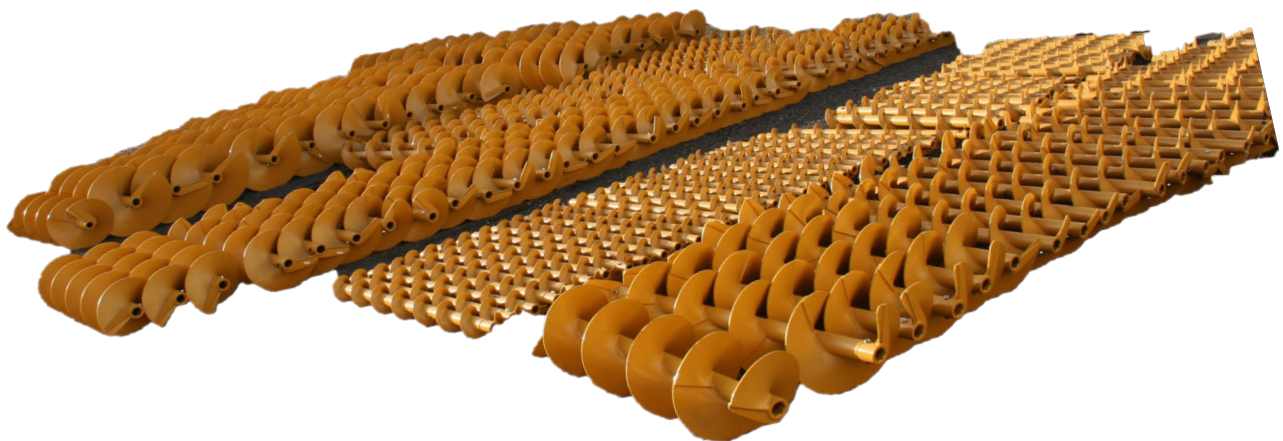
AUGER SECTIONS

With over 60 years of Auger Boring experience, AUGER sections by Michael Byrne mfg have been developed with a best-in-industry design and are field proven to stand up to all types of horizontal boring jobs. Our Auger sections are a second-to-none piece of product tooling that promises to provide a long lasting & solid work life.

Part Number	Hex	Diameter	Length	Weight (lbs)
14AU0036	2-1/4"	14"	10'	250
22122	2-1/4"	16"	10'	320
22121	2-1/4"	18"	10'	360
22172	2-1/4"	20"	10'	400
22076	2-1/4"	24"	10'	570

Part Number	Hex	Diameter	Length	Weight (lbs)
10AU0048	3"	10"	10'	360
22075	3"	12"	10'	400
22070	3"	16"	10'	470
22103	3"	18"	10'	490
22073	3"	20"	10'	525
22080	3"	24"	10'	700
22117	3"	30"	10'	705
22139	3"	36"	10'	900

*Custom lengths and sizes available upon request



AUGER SECTIONS

With over 60 years of Auger Boring experience, AUGER sections by Michael Byrne Mfg have been developed with a best-in-industry design and are field proven to stand up to all types of horizontal boring jobs. The 5" hex auger has 1" thick augerwall tube, nearly double the thickness of the competition. MBM 4" hex auger has 5/8" thick auger wall tube 25% more than the standard 4" auger on the market. All flighting is A36 1/2" steel on 4 and 5" hex augers.

Don't get caught with auger undersized auger tube, it is expensive when failing in the middle of your bore!

Part Number	Hex	Diameter	Length	Weight (lbs)
22205	4"	16"	10'	580
22200	4"	18"	10'	575
22102	4"	20"	10'	680
22106	4"	24"	10'	750
22090	4"	30"	10'	950
22079	4"	36"	10'	1185
22118	4"	42"	10'	1420
22119	4"	54"	10'	1980
22097	4"	48"	10'	1695

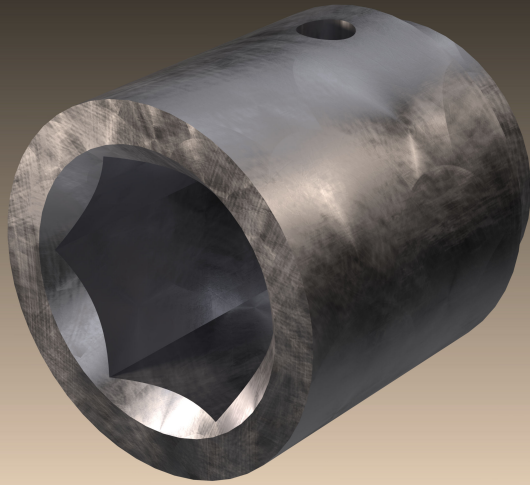
Part Number	Hex	Diameter	Length	Weight (lbs)
22125	5"	24"	10'	660
22147	5"	30"	10'	1205
22066	5"	36"	10'	1350
22094	5"	42"	10'	1645
22077	5"	48"	10'	1905
22039	5"	54"	10'	2290
43615	5"	56"	10'	2475
22074	5"	60"	10'	2575
22096	5"	66"	10'	3085
22072	5"	72"	10'	3442
22922	5"	84"	10'	3641

*The augers we purchased from Michael Byrne are without a doubt the toughest and best augers we have used. The twist factor "whiplash or windup" we see with other augers was never experienced with Michael Byrne auger.
Never broke an auger during this difficult bore
Tommy Sander - Price Road Boring*

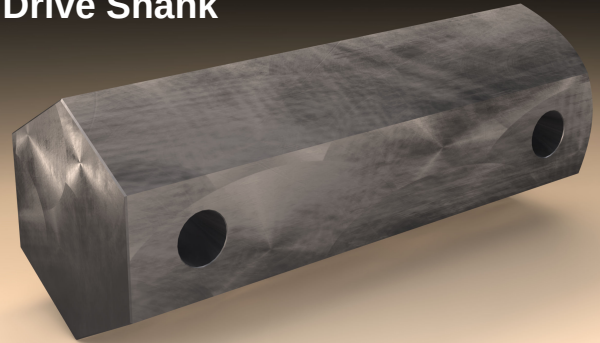


AUGER REPLACEMENT PARTS

Auger Bushing



Hex Drive Shank



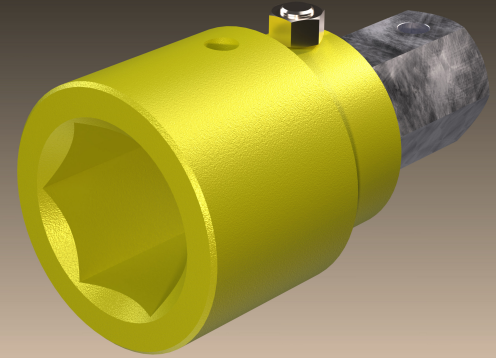
Bushing Part Number	Drive Shank Size	Weight (lbs)
42236	2-1/4"	15
22050	3"	20
22026	4"	35
22035	5"	55

Shank Part Number	Drive Shank Size	Weight (lbs)
41906	2-1/4"	12
40029	3"	25
26085	4"	44
40046	5"	75

AUGER REPLACEMENT PARTS

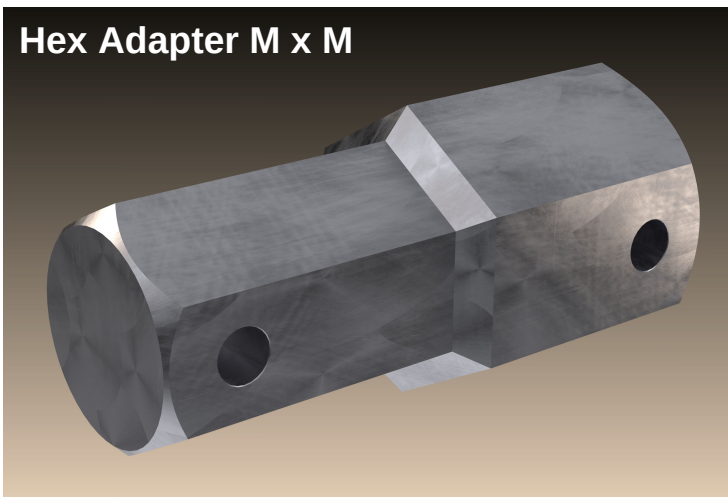
Part Number	Metric	Hex Adapters M x F	Weight (lbs)
43774	57.2 x 57.2mm	2-1/4(M) x 2-1/4(F)	27
42880	57.2 x 76.2mm	2-1/4(M) x 3(F)	34
22171	76.2 x 57.2mm	3(M) x 2-1/4(F)	39
41867	76.2 x 76.2mm	3(M) x 3(F)	47
41714	76.2 x 101.6mm	3(M) x 4(F)	64
42002	101.6 x 101.6mm	4(M) x 4(F)	81
41719	101.6 x 76.2mm	4(M) x 3(F)	72
41691	101.6 x 127mm	4(M) x 5(F)	100
41696	127 x 101.6mm	5(M) x 4(F)	110
42549	127 x 127mm	5(M) x 5(F)	124

Hex Adapter M x F



Part	Metric	Hex Adapters M x F	Weight
22149	57.2 x 76.2mm	2-1/4(M) x 3(M)	20
22130	101.6 x 76.2mm	4(M) x 3(M)	35
22098	127 x 101.6mm	5(M) x 4(M)	57

Hex Adapter M x M

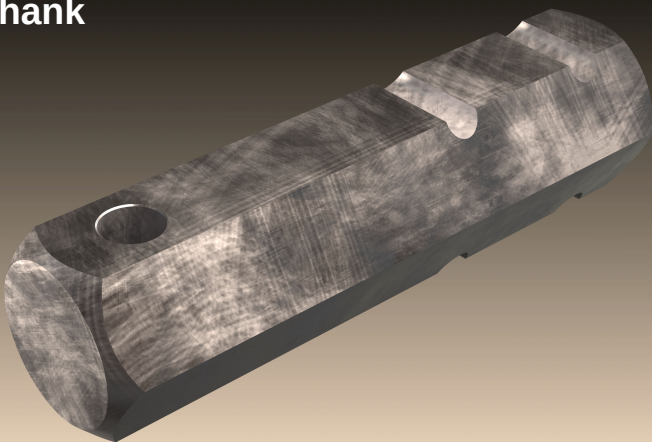


*Custom adapter sizes available upon request

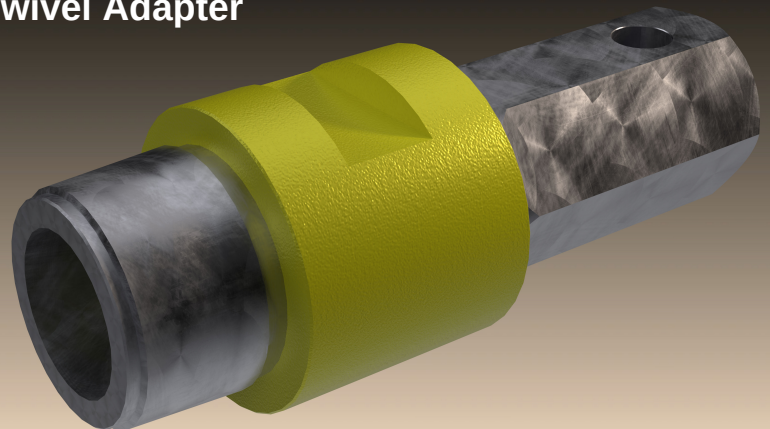
PILOT BORE ACCESSORIES

Part Number	Description
44139	Lead Rod, 3" Hex, 10' Long (AKK-AKK)
44737	3" Hex Needle, 34" Long
205SWA	Swivel Adapter For Akkerman Thread
43871	3" Female AKK To 3" Female, Adapter
43765	Thrust Swivel Weldment, 3" Hex
43531	Shank, 3" Special Akkerman

Shank

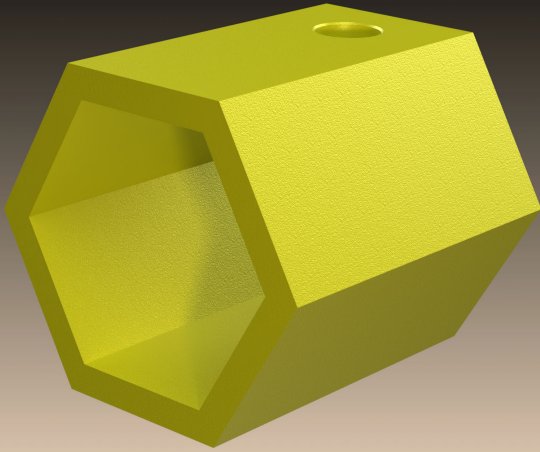


Swivel Adapter



AUGER SLEEVE AND SHANK PINS

Hex Sleeve



Part Number	Metric	Hex Sleeves	Weight (lbs)
22151	127 x 101.6mm	5" x 4"	18
22131	101.6 x 76.2mm	4" x 3"	10
627025	76.2 x 57.2mm	3" x 2-1/4"	8

Part Number	Description	Hex Size
11AU0803	Clevis Pin, 3/4" x 4"	2-1/4"
11AU0804	Clevis Pin, 1" x 5-1/2"	3"
11AU0805	Clevis Pin, 1" x 7"	4"
11AU0806	Clevis Pin, 1" x 9"	5"

Auger Shank Pin



CUTTING HEADS

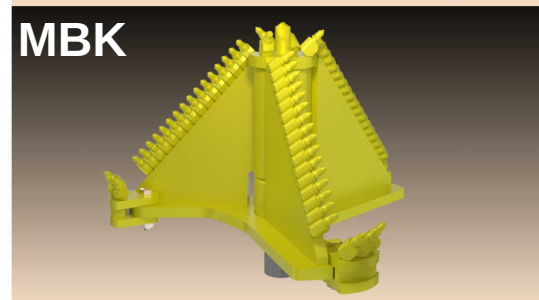
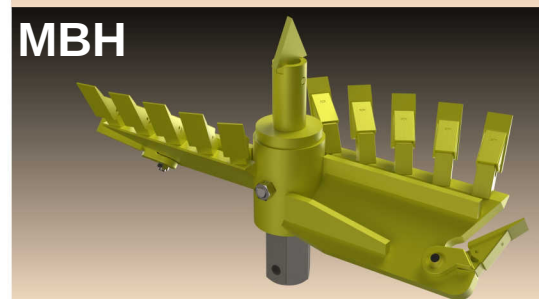
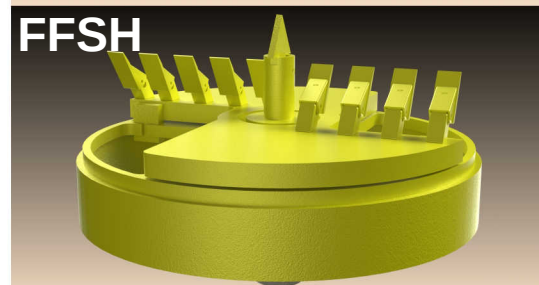
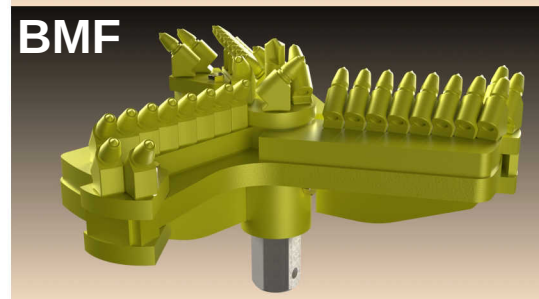
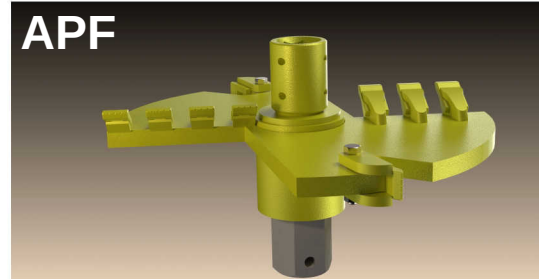
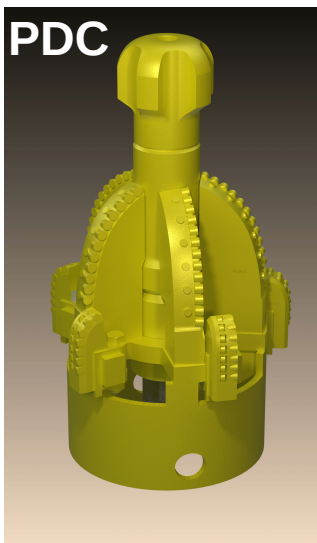
Style	Use case	Hex (Inches)	Available Diameters (Inches)
APF	Dirt and sand	3-5	12-84
BMF	Rock up to 10,000 PSI		
FFSH	Sand and running soils		
MBH	Dirt and clay		
MBK	*Rocks up to 6,000 PSI		12-24
PDC	Rocks up to 20,000 PSI		

*Can be fitted with BMF style teeth allowing higher PSI limit.

**Custom heads can be made on request when contacting sales.

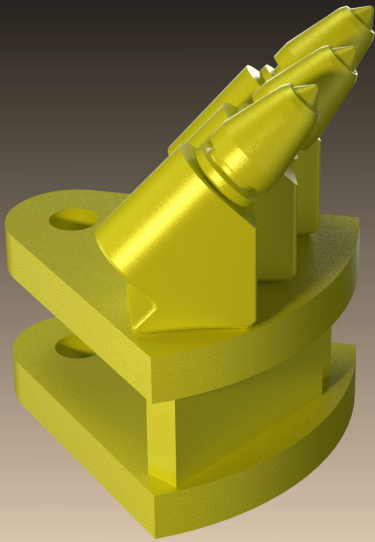
American Auger heads can be made on request.

Cutting heads are designed for extreme duty service. Latest in tooling and cutting material designs.



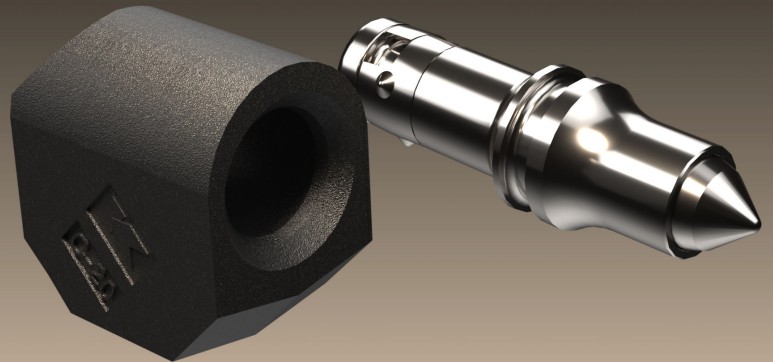
WING CUTTERS AND CUTTING HEAD BITS

Wing Cutter



Part Number	Description
40036	BMF Head (Rock)
40060	APF Head (Dirt and Sand)
40065	MBH Head (Dirt and Clay)

Cutting Head Bit

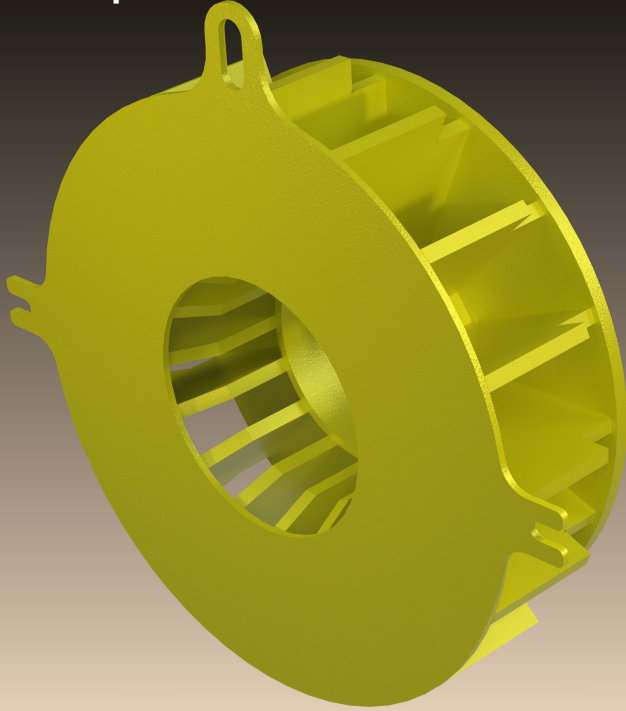


Part Number	Description
CTA-2503	Lead Point, Rock
CTA-2508	Lead Point, Diamond
CTA-2556	Tooth, Rock
CTA-2593	Carbide Edge Flat Tooth
44871	Lead Point, Akkerman 3" Hex

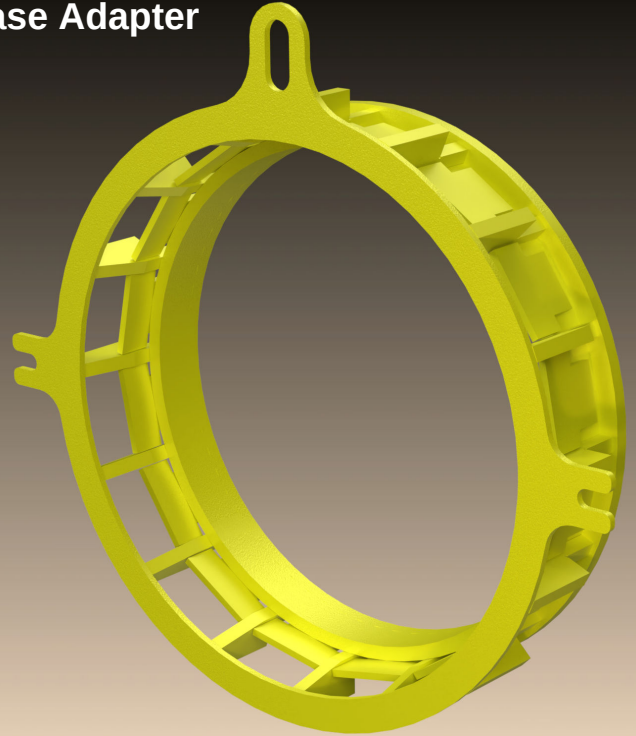
For other lead points, cutting bits, or wing cutters please contact sales

CASING AND SADDLE ADAPTERS

Case Adapter



Case Adapter

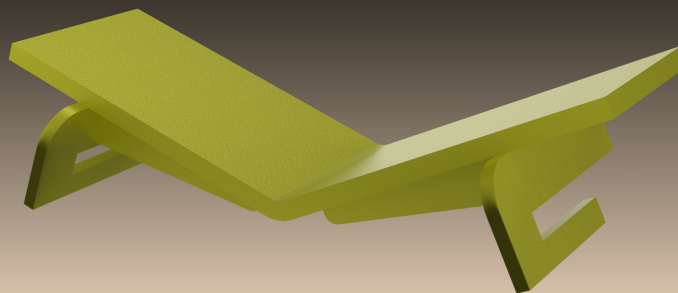


Original size	Available casing and saddle sizes
72	60, 54, 48, 42, 36, 30, 24
60	54,48,42,36,30,24
48	42,36,30,24,20,16,12
36	30,24,20,16,12
24	20,16,12

American Auger style also available upon request.

For casing and saddle adapter weights call factory.

Saddle Adapter



DUTCH LEVEL AND CASING COMPASS



Dutch Level

Part Number	Description
10565	Dutch Level Assembly
40007	Sensing Head Block Weldment Assembly

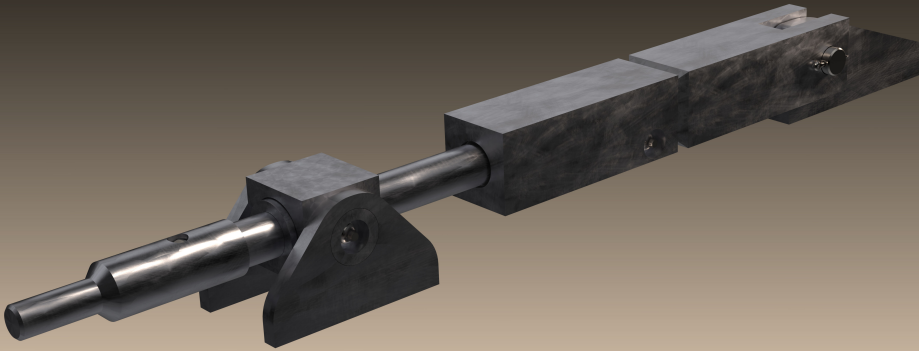
Part Number	Description
CC-CON01	Casing Compass Controller
CC-CASE1	Casing Compass Case
CC-SEN01	Casing Compass Sensor
CC-120V1	Casing Compass Power Supply
CC-MICRO	Casing Compass Micro
CC-0200	200 Foot Casing Compass Wire
CC-0300	300 Foot Casing Compass Wire
CC-0400	400 Foot Casing Compass Wire
CC-0500	500 Foot Casing Compass Wire

Casing Compass



STEERING KNUCKLES, HINGES AND ROD ENDS

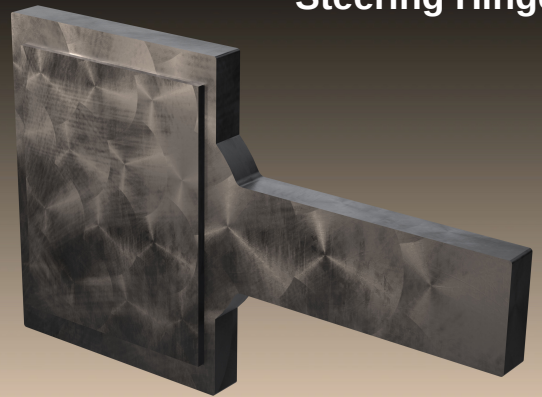
Steering Knuckle Assembly



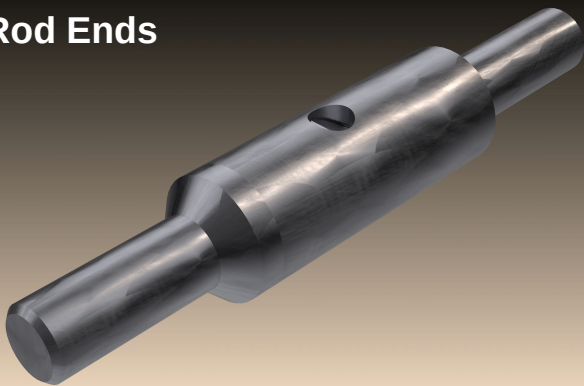
Steering Knuckle Ass'y	Knuckle Mounting Kit Only
01BT6200	646007

Steering Hinges Casing Size	Part Number
12-14"	695011
13-34"	695012
36-60"	695013
66-96"	695014

Steering Hinges



Rod Ends



Steering Rod End Kit One Pair Male/Female	Part Number
For 3/4" pipe	489010
For 1/2" pipe	489003
Poppet/Spring Kit	489004



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