Mincon™

www.mincon.com



DTH HAMMERS

2024

The Driller's Choice


Mincon™ MP35
MINCON DTH DRILLING PRODUCT
Mincon™ MP65
MINCON DTH DRILLING PRODUCT
Mincon™ MP120
MINCON DTH DRILLING PRODUCT
Mincon™ MP56
MINCON DTH DRILLING PRODUCT
Mincon™ MP80
MINCON DTH DRILLING PRODUCT
Mincon™ MP340
MINCON DTH DRILLING PRODUCT
Mincon™ MP180
MINCON DTH DRILLING PRODUCT
Mincon™ MP240

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Mincon™

MINCON, EST. 1977

Mincon has earned its reputation as The Driller's Choice thanks to nearly five decades of developing world-class rock drilling solutions for a wide range of applications.



EXPERTS ON SITE

Our rock-drilling expertise doesn't stop at manufacturing. Around the world, our highly qualified teams work closely with customers to tailor their requirements to available drilling platforms and ground conditions, while also accounting for application-specific requirements. Importantly, feedback from every drill site is provided to our design engineers, informing the cycle of continuous improvement.



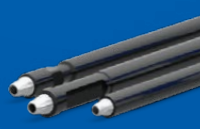
SOLUTIONS FOR EVERY APPLICATION

Our products can be found on drill sites around the world, in the blasthole, exploration, geotechnical, water-well, and geothermal industries. At each of those projects, drillers have insisted on using Mincon tools for their superior reliability, durability, performance, and efficiency.



ENGINEERED EFFICIENCY

For us, efficiency means drilling faster while using less fuel and maintaining productivity throughout the useful life of a product. We want our customers to get the best performance out of their drilling solution. We achieve this with our own, proven designs; precise manufacturing; and proprietary heat-treat processes, all of which result in components that have tight tolerances, as well as tailored surface and material properties that ensure longer life.



EUROPE AND MIDDLE EAST REGION
All European Countries
Middle East Countries

AMERICAS REGION
North and South America

ASIA PACIFIC
Australia, New Zealand, Pacific Islands

AFRICA REGION
African Continent

POINTS OF PRESENCE

With nine global factories, a growing network of Mincon customer service centres, and more than 200 distributors, we have the international presence that our customers need. We manufacture within region to meet local customer demand, while providing service and support to ensure customers achieve optimum productivity from their assets.



COMPREHENSIVE PRODUCT RANGE

Our ambition is always to offer customers a comprehensive range of drilling tools that will drill faster and last longer. Individually, Mincon products offer incremental savings. Together, a complete Mincon drill string will deliver tangible savings through higher penetration rates, unparalleled durability, rock-solid reliability, and reduced strain on ancillary components.

DTH HAMMERS AND BITS FOR ALL APPLICATIONS

Mincon DTH hammers deliver an uncompromised combination of performance, efficiency, and reliability. Ranging from 3"– 40", our DTH hammers have a proven penetration rate that delivers more meters per hour for a lower total drilling cost in quarrying, exploration, water well, geothermal, and construction/geotechnical projects.

Mincon's 2024 range of DTH hammers incorporates improvements based on customer feedback and real-world drilling in a wide variety of rock formations. Working closely with customers, our engineers have evolved the designs and materials for each of our DTH hammers, enhancing them to deliver higher performance while using less fuel for each metre drilled.

> **"...delivers more meters per hour for a lower total drilling cost.**

This culture of continuous improvement ensures that we are always engineering for superior results in all ground conditions, with processes that include on-site performance audits and training.

Our pioneering DTH hammer designs also address issues of airflow to optimise cuttings evacuation, ease of drawback, disassembly, safety, and maintenance costs. Our next-generation DTH hammers, including the renowned MP Series, ensure class-leading penetration rates and lower total drilling costs.

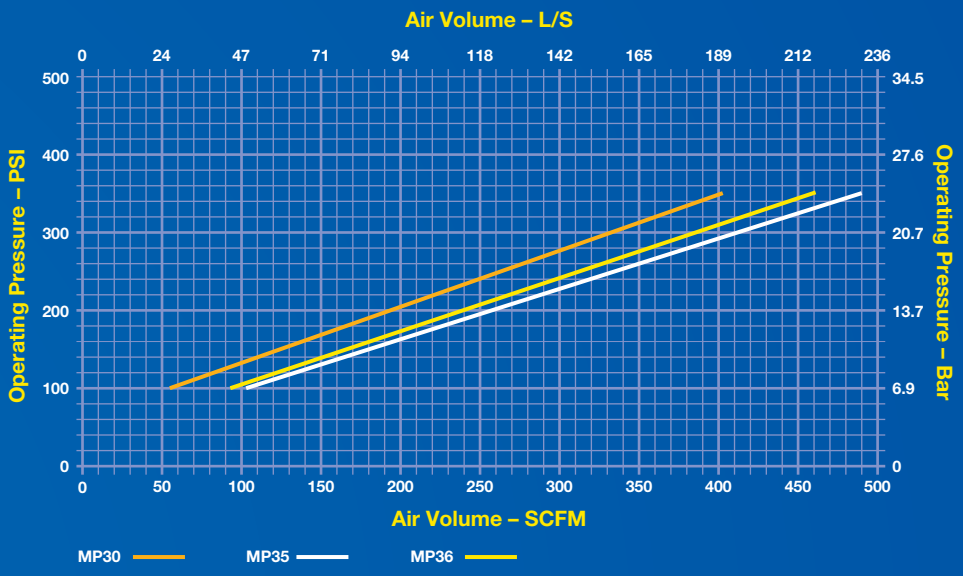
Every Mincon DTH hammer is manufactured in our own factories, adhering to strict ISO and global standards. All components are precision-manufactured using high-quality raw materials, and undergo proprietary heat treatment processes at our facilities to guarantee durability and quality.

When it comes to compatibility, the Mincon DTH hammer range supports a wide variety of popular drill bit shank designs – in addition to being available with all conventional back head connections. API Reg pin connectors are standard, with alternative connection methods available on request. Mincon also works with customers to tailor DTH hammers to specific applications, through the use of special-order options and features. Speak to your Mincon technical representative to learn more about the latest technologies that can benefit your drilling operations.



3-INCH HAMMERS





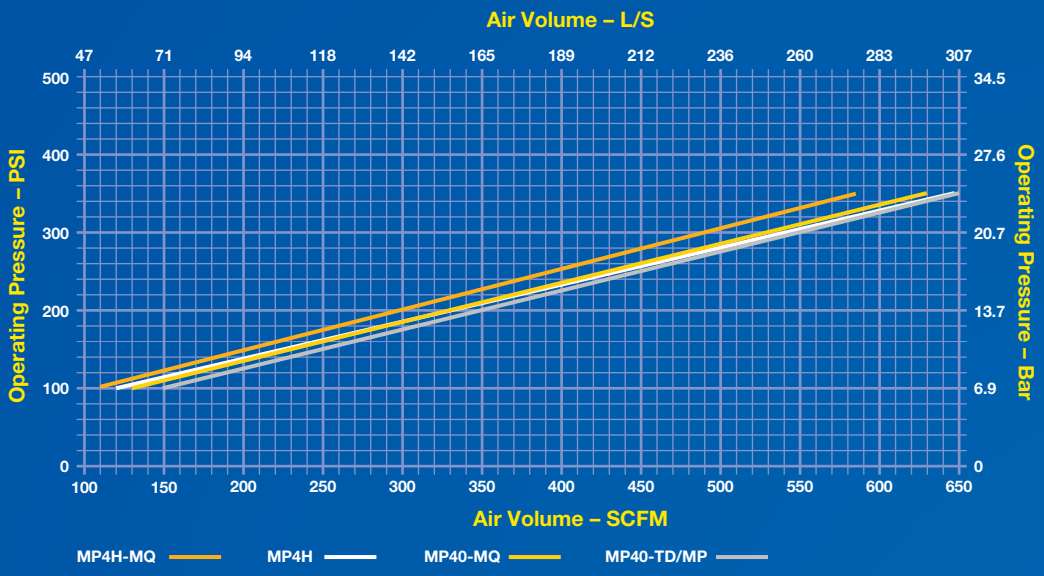
Disclaimer:

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3. Air density decreases with altitude, which will increase air consumption. Please consult the Mincon technical implementation team for exact air package requirements that take account for altitude and ground conditions.

Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP30-DH	DHD3.5	Yes	2 3/8" API	77 mm (3")	858 mm (33.8")	85 mm (3.4")	105 mm (4.1")	21.4 kg (47.2 lbs)	4.1 kg (9 lbs)
MP35-DH	DHD3.5	Yes	2 3/8" API	85 mm (3.3")	805 mm (31.7")	95 mm (3.7")	105 mm (4.1")	24.5 kg (54 lbs)	3.9 kg (8.6 lbs)
MP35-MD	MD3.5	Yes	2 3/8" API	85 mm (3.3")	805 mm (31.7")	95 mm (3.7")	105 mm (4.1")	24.5 kg (54 lbs)	3.9 kg (8.6 lbs)
MP36-MD	MD3.5	Yes	2 3/8" API	85 mm (3.3")	805 mm (31.7")	95 mm (3.7")	105 mm (4.1")	25 kg (55.1 lbs)	4.6 kg (10.1 lbs)

4-INCH HAMMERS





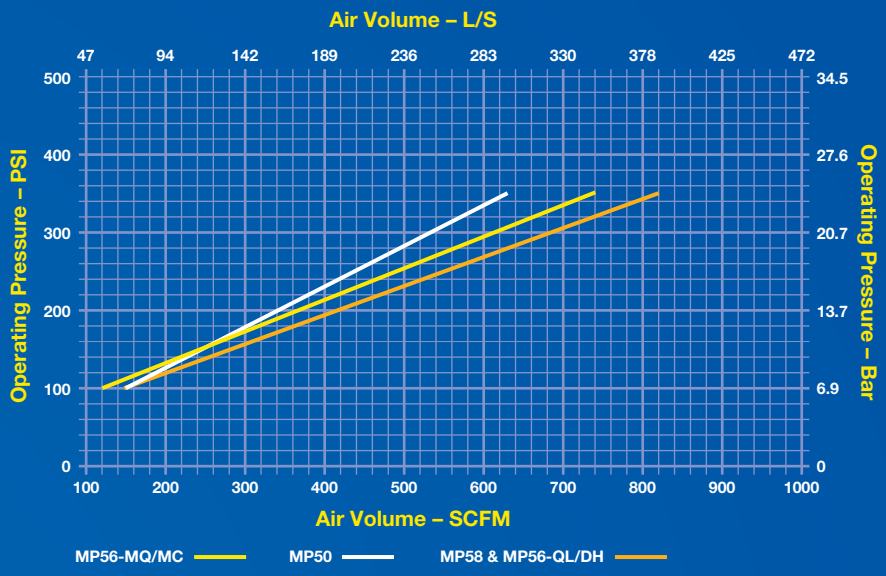
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Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP4H-TD	TD40	Yes	2 3/8" API	98 mm (3.9")	955 mm (37.6")	110 mm (4.3")	130 mm (5.1")	38.5 kg (84.9 lbs)	7.3 kg (16.1 lbs)
MP4H-DH	DHD340	Yes	2 3/8" API	98 mm (3.9")	955 mm (37.6")	110 mm (4.3")	130 mm (5.1")	38.5 kg (84.9 lbs)	7.3 kg (16.1 lbs)
MP4H-MD	MD4	Yes	2 3/8" API	98 mm (3.9")	955 mm (37.6")	110 mm (4.3")	130 mm (5.1")	38.5 kg (84.9 lbs)	7.3 kg (16.1 lbs)
MP4H-MQ	MQ40	No	2 3/8" API	98 mm (3.9")	1,021 mm (40.2")	110 mm (4.3")	130 mm (5.1")	40.1 kg (88.4 lbs)	7.9 kg (17.4 lbs)
MP4H-HD	TD40	Yes	2 3/8" API	101.5 mm (4")	955.3 mm (37.6")	110 mm (4.3")	130 mm (5.1")	42.6 kg (93.9 lbs)	7.3 kg (16.1 lbs)
MP40-TD	TD40	Yes	2 3/8" API	101.5 mm (4")	981 mm (38.6")	110 mm (4.3")	130 mm (5.1")	41 kg (90.4 lbs)	8.3 kg (18.3 lbs)
MP40-MP	MP40	Yes	2 3/8" API	101.5 mm (4")	981 mm (38.6")	110 mm (4.3")	130 mm (5.1")	41 kg (90.4 lbs)	8.3 kg (18.3 lbs)
MP40-MQ	MQ40	No	2 3/8" API	101.5 mm (4")	981 mm (38.6")	110 mm (4.3")	130 mm (5.1")	43.5 kg (96 lbs)	8.3 kg (18.3 lbs)

5-INCH HAMMERS





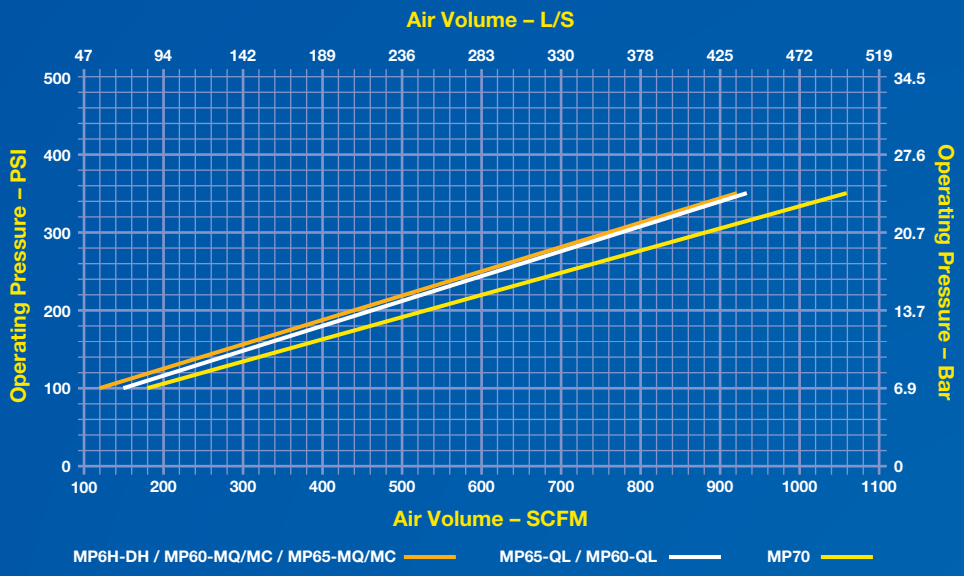
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Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP50-QL	QL50	Yes	3 1/2" API	115 mm (4.5")	994 mm (39.1")	127 mm (5")	152 mm (6")	55.4 kg (122.1 lbs)	12.5 kg (27.6 lbs)
MP50-DH	DHD350	Yes	3 1/2" API	115 mm (4.5")	1,057 mm (41.6")	127 mm (5”)	152 mm (6”)	56 kg (123.5 lbs)	12.6 kg (27.8 lbs)
MP50-MQ	MQ50	No	3 1/2" API	115 mm (4.5")	1,057 mm (41.6")	127 mm (5")	152 mm (6”)	59.9 kg (132 lbs)	13.7 kg (30.1lbs)
MP56-QL	QL50	Yes	3 1/2" API	124 mm (4.9")	1,019 mm (40.1")	140 mm (5.6")	152 mm (6")	67 kg (147.7 lbs)	15.3 kg (33.7 lbs)
MP56-MQ	MQ50	No	3 1/2" API	124 mm (4.9")	1,019 mm (40.1")	140 mm (5.6")	152 mm (6")	69 kg (152.1 lbs)	14.9 kg (32.9 lbs)
MP56-DH	DHD350	Yes	3 1/2" API	124 mm (4.9")	1,039 mm (40.9")	140 mm (5.6")	152 mm (6")	67 kg (147.7 lbs)	15.3 kg (33.7 lbs)
MP56-MC	MC51	No	3 1/2" API	124 mm (4.9")	957.5 mm (37.7")	140 mm (5.6")	152 mm (6")	66.3 kg (146.2 lbs)	14.9 kg (32.9 lbs)
MP58-MC	MC51	No	3 1/2" API	130 mm (5.1")	958 mm (37.7")	140 mm (5.6")	152 mm (6")	74.4 kg (164 lbs)	17 kg (37.5 lbs)

6 – 7-INCH HAMMERS





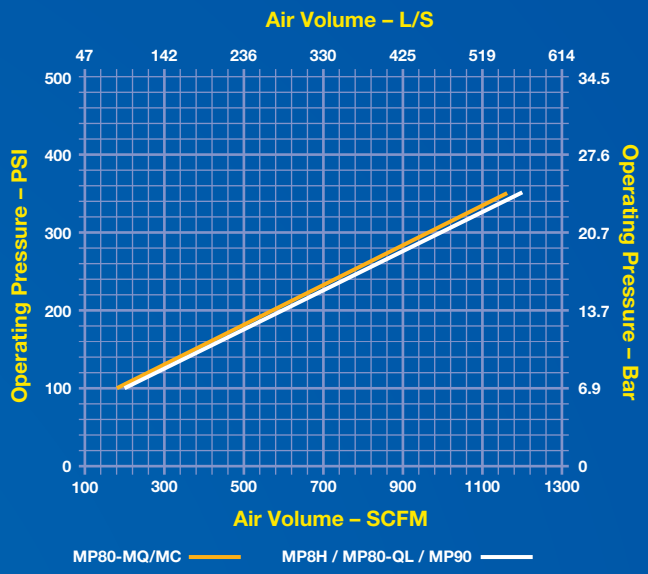
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Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP6H-DH	DHD360	Yes	3 1/2" API	140 mm (5.5")	1,134 mm (44.6")	152 mm (6")	203 mm (8")	95.2 kg (210 lbs)	20.3 kg (44.8 lbs)
MP60-QL	QL60	Yes	3 1/2" API	141 mm (5.6")	1,002 mm (39.4")	152 mm (6")	203 mm (8")	83.7 kg (184.5 lbs)	21.6 kg (47.6 lbs)
MP60-MQ	MQ60	No	3 1/2" API	141 mm (5.6")	1,002 mm (39.4")	152 mm (6")	203 mm (8")	85 kg (187.4 lbs)	19.3 kg (42.5 lbs)
MP60-MC	MC61	No	3 1/2" API	141 mm (5.6")	1,002 mm (39.4")	152 mm (6")	203 mm (8")	89 kg (196 lbs)	23 kg (50.7 lbs)
MP65-QL	QL60	Yes	3 1/2" API	146 mm (5.8")	1,002 mm (39.4")	159 mm (6.3")	203 mm (8")	93 kg (205 lbs)	21.6 kg (47.6 lbs)
MP65-MQ	MQ60	No	3 1/2" API	146 mm (5.8")	1,002 mm (39.4")	159 mm (6.3")	203 mm (8")	93 kg (205 lbs)	19.3 kg (42.5 lbs)
MP65-MC	MC61	No	3 1/2" API	146 mm (5.8")	1,002 mm (39.4")	159 mm (6.3")	203 mm (8")	96.4 kg (212.5 lbs)	23 kg (50.7 lbs)
MP70-MC	MC71	No	4 1/2" API	173 mm (6.8")	1,114 mm (43.9")	191 mm (7.5")	228 mm (9")	156.9 kg (346 lbs)	30.3 kg (66.8 lbs)

8 – 9-INCH HAMMERS





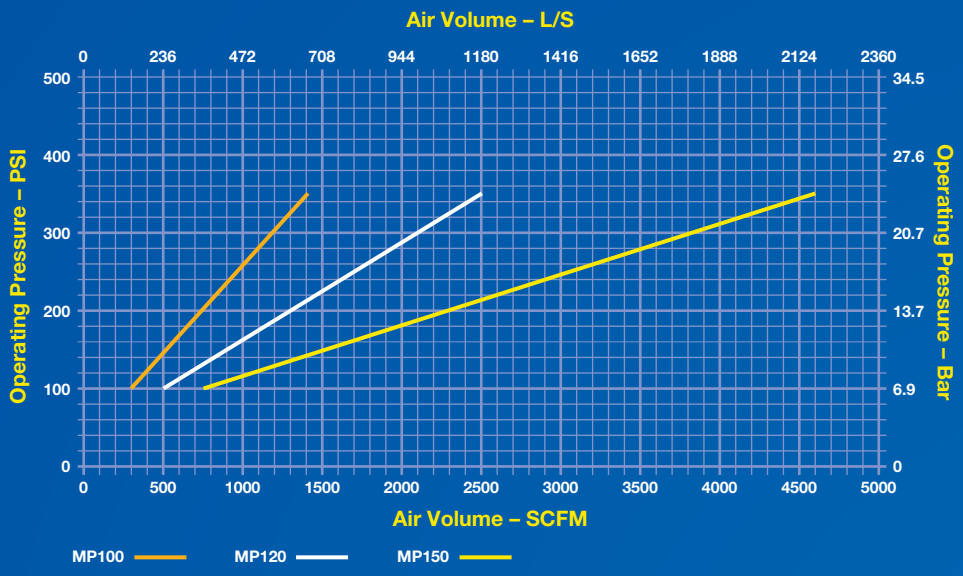
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Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP8H-DH	DHD380	Yes	4 1/2" API	181.5 mm (7.2")	1,205 mm (47.5")	203 mm (8")	254 mm (10")	176 kg (388 lbs)	39 kg (86 lbs)
MP80-QL	QL80	Yes	4 1/2" API	181.5 mm (7.2")	1,186 mm (46.7")	203 mm (8")	254 mm (10")	172.1 kg (379.4 lbs)	38.9 kg (85.8 lbs)
MP80-MC	MC81	No	4 1/2" API	181.5 mm (7.2")	1,196 mm (47.1")	203 mm (8")	254 mm (10")	184 kg (405.7 lbs)	46.3 kg (102.1 lbs)
MP80-MQ	MQ80	No	4 1/2" API	181.5 mm (7.2")	1,306 mm (51.4")	203 mm (8")	254 mm (10")	193 kg (425.5 lbs)	46.3 kg (102.1 lbs)
MP80-HD	MQ80	Yes	4 1/2" API	193.7 mm (7.6")	1,350 mm (53.1")	216 mm (8.5")	254 mm (10")	240 kg (529.2 lbs)	46.3 kg (102.1 lbs)
MP90-TD	TD90	Yes	4 1/2" API	195 mm (7.7")	1,355 mm (53.3")	229 mm (9")	254 mm (10")	234 kg (515.9 lbs)	59.4 kg (131 lbs)
MP90-HD	TD90	Yes	4 1/2" API	219 mm (8.6")	1,355 mm (53.3")	254 mm (10")	254 mm (10")	315 kg (694.5 lbs)	59.4 kg (131 lbs)

10 – 15-INCH HAMMERS





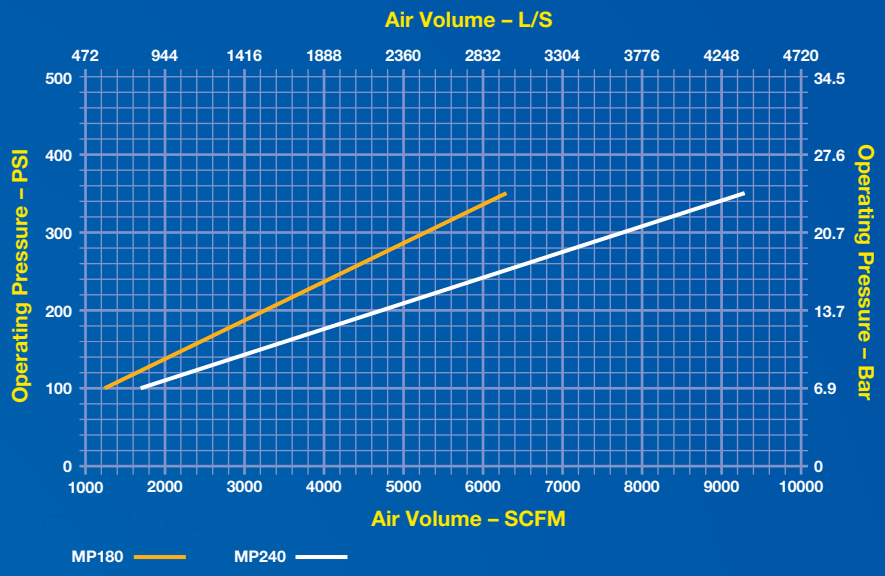
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Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP100-SD	SD10	Yes	6 5/8" API	219 mm (8.6")	1,360 mm (53.5")	254 mm (10")	305 mm (12")	295 kg (650.4 lbs)	77.8 kg (171.5 lbs)
MP100-MC	MC100	No	6 5/8" API	219 mm (8.6")	1,379.6 mm (54.3")	254 mm (10")	305 mm (12")	309 kg (681.2 lbs)	79.3 kg (174.8 lbs)
MP120-QL	QL120	Yes	6 5/8" API	273 mm (10.8")	1,454 mm (57.2")	305 mm (12")	381 mm (15")	457 kg (1,007.5 lbs)	138.5 kg (305.3 lbs)
MP120-SD	SD12	Yes	6 5/8" API	273 mm (10.8")	1,431 mm (56.3")	305 mm (12")	381 mm (15")	460 kg (1,014.1 lbs)	130.8 kg (288.4 lbs)
MP120-MC	MC120	No	6 5/8" API	273 mm (10.8")	1,454mm (57.2")	305 mm (12")	381 mm (15")	468 kg (1031.8 lbs)	151.8 kg 334.7 lbs
MP120-N125	N125	Yes	6 5/8" API	273 mm (10.8")	1,451 mm (57.1")	305 mm (12")	381 mm (15")	453 kg (998.7 lbs)	138.5 kg (305.3 lbs)
MP150-MC BLANK	MC150	No	BLANK	340 mm (13.4")	1,572 mm (61.9")	381 mm (15")	457 mm (18")	752 kg (1,658 lbs)	206 kg (454 lbs)
MP150-MC	MC150	No	8 5/8" API	340 mm (13.4")	1,662 mm (65.4")	381 mm (15")	457 mm (18")	857 kg (1,889.4 lbs)	206 kg (454.2 lbs)

18 – 24-INCH HAMMERS





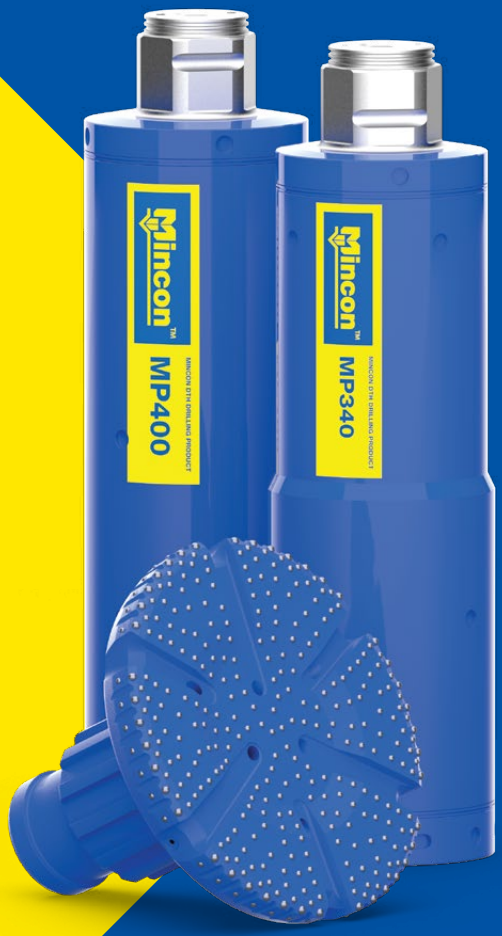
Disclaimer:

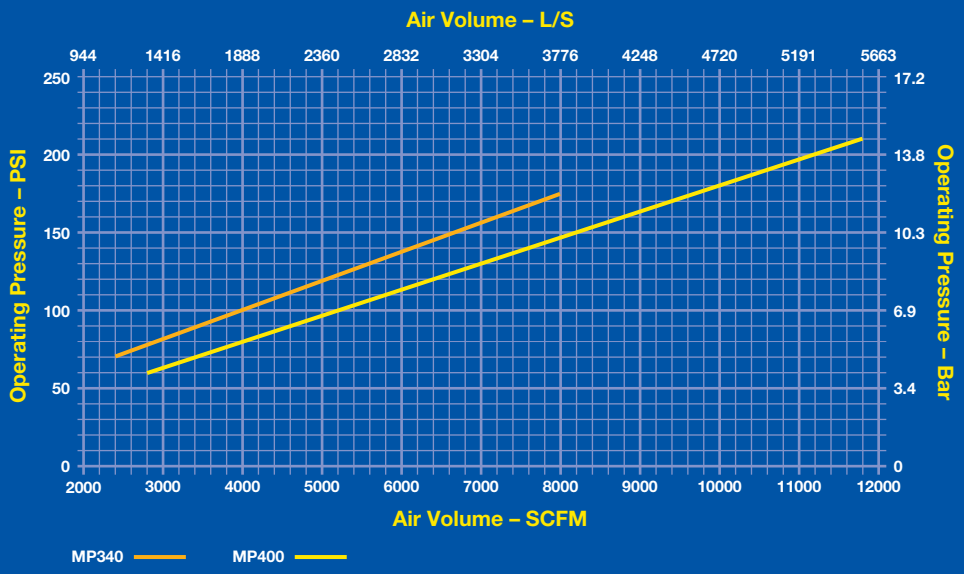
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Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP180-QL	QL200	Yes	8 5/8" API	400 mm (15.8")	1,659mm (65.3")	457 mm (18")	610 mm (24")	1,177 kg (2,595 lbs)	284 kg (626.1 lbs)
MP180-N180	N180	Yes	8 5/8" API	400 mm (15.8")	1,695 mm (66.7")	457 mm (18")	610 mm (24")	1,164 kg (2,566 lbs)	282 kg (621.7 lbs)
MP180-MQ	MQ180	No	8 5/8" API	400 mm (15.8")	1,781 mm (70.1")	457 mm (18")	610 mm (24")	1,241 kg (2,736 lbs)	320 kg (705.5 lbs)
MP180-MQ BLANK	MQ180	No	BLANK	400 mm (15.8")	1,700 mm (66.9")	457 mm (18")	610 mm (24")	1,142 kg (2,518 lbs)	287 kg (633 lbs)
MP240-N240	N240	Yes	HEX 275	525 mm (20.7")	2,016 mm (79.4")	610 mm (24")	864 mm (34.1")	2,480 kg (5,467 lbs)	548 kg (1,208 lbs)
MP240-MQ	MQ240	No	HEX 275	525 mm (20.7")	1,987 mm (78.2")	610 mm (24")	864 mm (34.1")	2,565 kg (5,655 lbs)	544 kg (1,199.4 lbs)
MP240-MQ BLANK	MQ240	No	BLANK	525 mm (20.7")	1,987 mm (78.2")	610 mm (24")	864 mm (34.1")	2,395 kg (5,280 lbs)	544 kg (1,199.4 lbs)

* MP180 and MP240 with API Reg Pin backhead shown for illustrative purposes only. Actual product will differ.

34 – 40-INCH HAMMERS





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Hammer name	Shank support	Foot valve	Standard backhead thread / type	Hammer OD	Hammer length (shoulder to shoulder)	Minimum bit size	Maximum bit size	Hammer weight	Piston weight
MP340	MF34	No	HEX 370	750 mm (29.6")	2,336 mm (92")	850 mm (33.5")	1,220 mm (48.1")	5,807 kg (12,802 lbs)	1,050 kg (2,315 lbs)
MP400	MF34	No	HEX 370	750 mm (29.6")	2,336 mm (92")	1,000 mm (39.4")	1,524 mm (60")	6,048 kg (13,334 lbs)	1,500 kg (3,307 lbs)

DTH DRILL BITS

Mincon offers one of the most comprehensive ranges of DTH drill bits in the industry, suited to all ground types and drilling conditions and for a wide variety of rock-drilling applications.

Mincon DTH drill bits have had their designs evolved and performance fine-tuned using customer feedback and decades of rock drilling experience in all types of ground conditions.

Our DTH drill bits are designed to withstand the most demanding drilling conditions. Mincon drill bits can be specified with your required DTH shanks design, with special order shanks available on request. We offer flat, convex, and concave bit face designs; speak to a Mincon representative to discuss the ideal tooling for the ground conditions at your work site. Our tungsten carbide inserts are manufactured in-house, contributing to longer bit life and improved penetration rates.

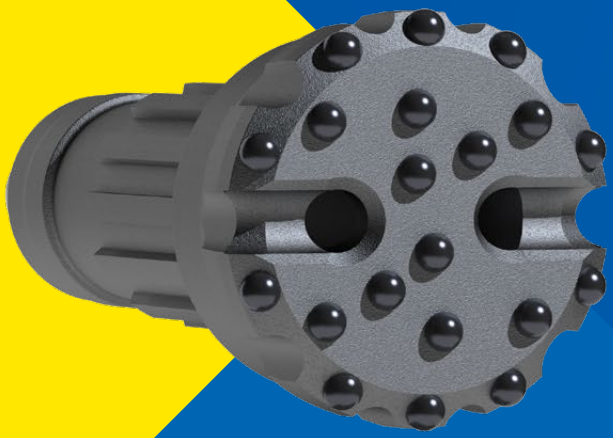
Precision engineering, world-class heat treatment processes, and high-quality materials set Mincon DTH drill bits apart. All bits are manufactured at our state-of-the-art facilities around the world, ensuring in-stock availability and shorter lead times no matter where you are located.

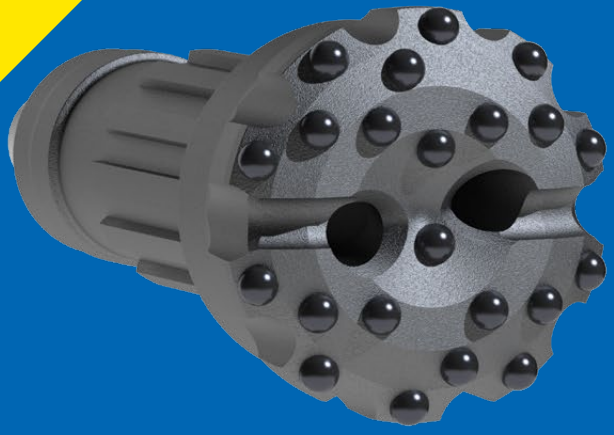


> **“Precision engineering, world-class heat treatment processes, and high-quality materials.**

BIT FACE DESIGNS







Our DTH drill bits are available in three face designs – convex, concave, and flat – suited to the most common ground conditions for drilling.

CONVEX
Suitable for most drilling applications. Convex designs are particularly effective in hard, abrasive rock, where they deliver a good combination of high penetration rates and long service life.

FLAT
Traditionally used for general-purpose drilling, the flat-face design is considered effective in very broken ground; hard formations; and soft formations where there is a tendency to over-drill.

CONCAVE
An excellent all-round bit design that is suitable for hard and soft formations. The cone-shaped face provides good stability during drilling, ensuring straightness and low vibration. Carbide placement enhances penetration rates in most ground conditions.

MINCON CARBIDE INSERTS

Mincon DTH drill bits are manufactured using high-quality raw materials: from the bit body to the carbide inserts. Our different grades of tungsten carbide have been developed to offer distinct advantages in various ground and drilling conditions. Additionally, inserts are offered in shapes and sizes to suit a wide variety of applications.



> **Our different grades of carbide offer distinct advantages in various drilling conditions.**







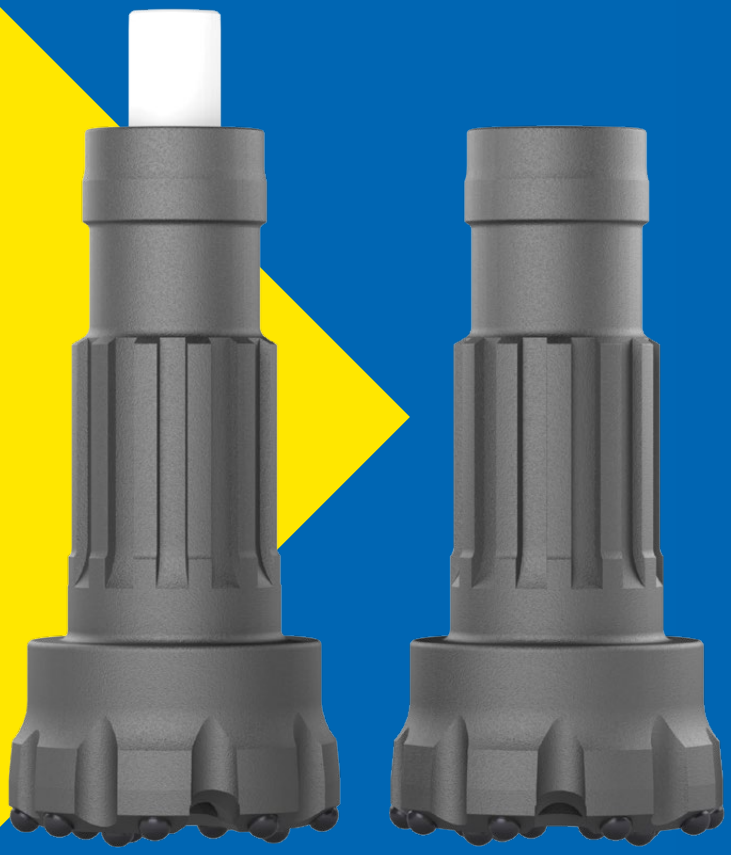
DOME
Tough shape for hard, abrasive rock and deep-hole drilling. Suitable for nearly all rock-drilling applications.

SEMI-BALLISTIC
A combination design that provides a speed increase over the conventional domed button and higher longevity than the more-aggressive ballistic carbide design. Less suited for broken ground conditions.

BALLISTIC
Ideal for less-abrasive sedimentary deposits where speed is vital. Not recommended for badly broken ground or extremely hard rock.

DRILL BIT SHANKS

We manufacture DTH drill bits for all major shank types for 3 – 12-inch drill bits, as well as large-diameter shanks for hammers between 15 and 40 inches. We also offer each shank with a range of bit head sizes.



ADDITIONAL SHANKS

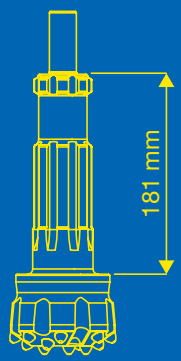
Mincon offers support for all major shank types.

Please contact your Mincon representative to discuss support for any shank not listed on these pages.

FOOTVALVE SUPPORT

We offer DTH drill bits with and without footvalve support, depending on the application at hand and customer requirements. Standard shanks that support footvalves are offered with this insert and can also be ordered as an MQ version, which denotes the lack of a footvalve. We also offer Mincon-designed and third-party shanks that are designed to operate without a footvalve.

DHD3.5



Number of splines: 8

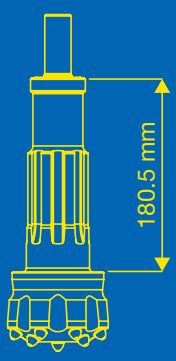
Drive pins required: No

Foot valve: Yes

Minimum bit size:
85 mm (3.35 inch)

Maximum bit size:
105 mm (4.13 inch)

MD3.5



Number of splines: 8

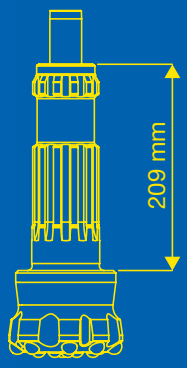
Drive pins required: No

Foot valve: Yes

Minimum bit size:
95 mm (3.74 inch)

Maximum bit size:
105 mm (4.13 inch)

TD40



Number of splines: 12

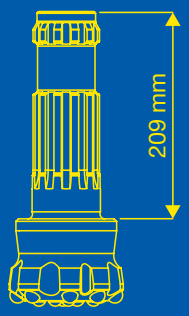
Drive pins required: No

Foot valve: Yes

Minimum bit size:
110 mm (4.33 inch)

Maximum bit size:
130 mm (5.12 inch)

MQ40



Number of splines: 12

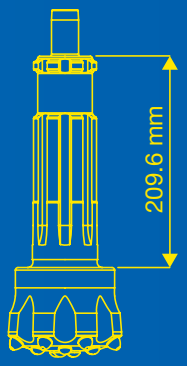
Drive pins required: No

Foot valve: No

Minimum bit size:
110 mm (4.33 inch)

Maximum bit size:
130 mm (5.12 inch)

DHD340



Number of splines: 8

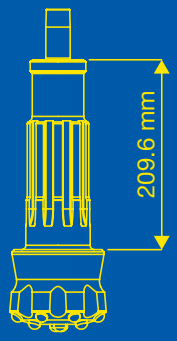
Drive pins required: No

Foot valve: Yes

Minimum bit size:
105 mm (4.13 inch)

Maximum bit size:
130 mm (5.12 inch)

MD4



Number of splines: 10

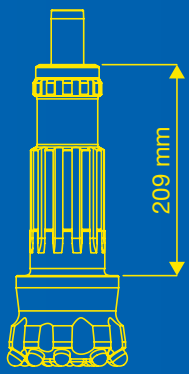
Drive pins required: No

Foot valve: Yes

Minimum bit size:
110 mm (4.33 inch)

Maximum bit size:
130 mm (5.12 inch)

MP40



Number of splines: 12

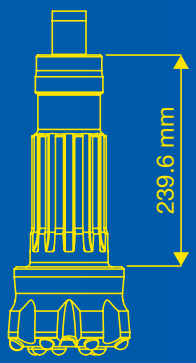
Drive pins required: No

Foot valve: Yes

Minimum bit size:
110 mm (4.33 inch)

Maximum bit size:
130 mm (5.12 inch)

QL50



Number of splines: 12

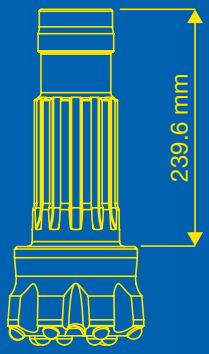
Drive pins required: No

Foot valve: Yes

Minimum bit size:
130 mm (5.12 inch)

Maximum bit size:
152 mm (5.98 inch)

MQ50



Number of splines: 12

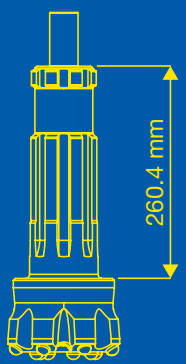
Drive pins required: No

Foot valve: No

Minimum bit size:
130 mm (5.12 inch)

Maximum bit size:
152 mm (5.98 inch)

DHD350



Number of splines: 8

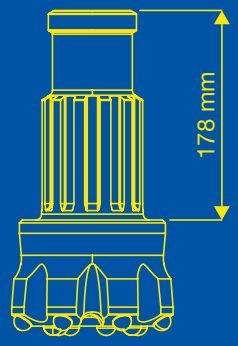
Drive pins required: No

Foot valve: Yes

Minimum bit size:
130 mm (5.12 inch)

Maximum bit size:
152 mm (5.98 inch)

MC51



Number of splines: 12

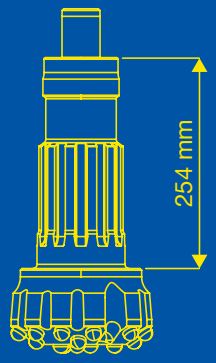
Drive pins required: No

Foot valve: No

Minimum bit size:
130 mm (5.12 inch)

Maximum bit size:
152 mm (5.98 inch)

QL60



Number of splines: 12

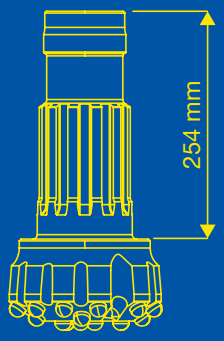
Drive pins required: No

Foot valve: Yes

Minimum bit size:
152 mm (5.98 inch)

Maximum bit size:
203 mm (8 inch)

MQ60



Number of splines: 12

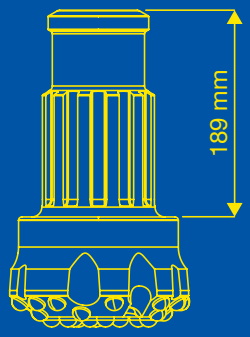
Drive pins required: No

Foot valve: No

Minimum bit size:
152 mm (5.98 inch)

Maximum bit size:
203 mm (8 inch)

MC61



Number of splines: 12

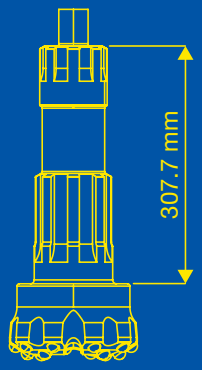
Drive pins required: No

Foot valve: No

Minimum bit size:
152 mm (5.98 inch)

Maximum bit size:
203 mm (8 inch)

DHD360



Number of splines: 8

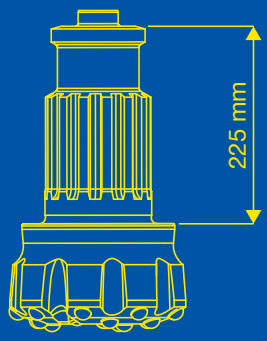
Drive pins required: No

Foot valve: Yes

Minimum bit size:
152 mm (5.98 inch)

Maximum bit size:
203 mm (8 inch)

MC71



Number of splines: 14

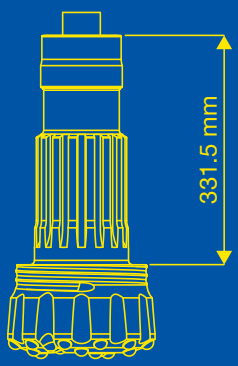
Drive pins required: No

Foot valve: No

Minimum bit size:
193 mm (7.6 inch)

Maximum bit size:
228 mm (9 inch)

QL80



Number of splines: 16

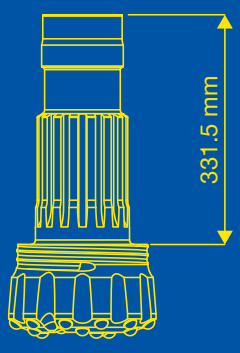
Drive pins required: No

Foot valve: Yes

Minimum bit size:
200 mm (7.9 inch)

Maximum bit size:
254 mm (10 inch)

MQ80



Number of splines: 16

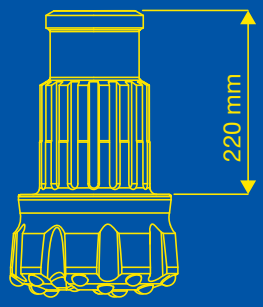
Drive pins required: No

Foot valve: No

Minimum bit size:
200 mm (7.9 inch)

Maximum bit size:
254 mm (10 inch)

MC81



Number of splines: 16

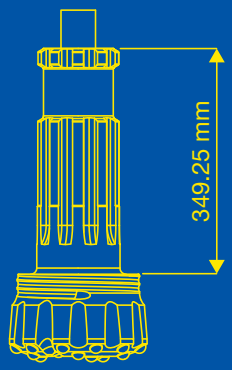
Drive pins required: No

Foot valve: No

Minimum bit size:
200 mm (7.9 inch)

Maximum bit size:
254 mm (10 inch)

DHD380



Number of splines: 10

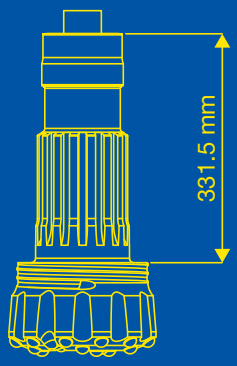
Drive pins required: No

Foot valve: Yes

Minimum bit size:
200 mm (7.9 inch)

Maximum bit size:
254 mm (10 inch)

TD90



Number of splines: 16

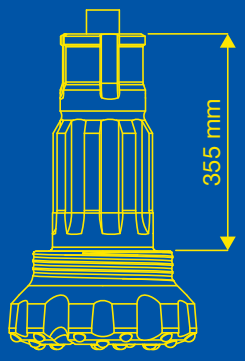
Drive pins required: No

Foot valve: Yes

Minimum bit size:
200 mm (7.9 inch)

Maximum bit size:
254 mm (10 inch)

SD10



Number of splines: 8

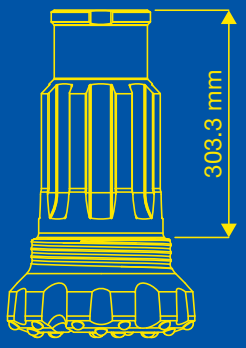
Drive pins required: No

Foot valve: Yes

Minimum bit size:
254 mm (10 inch)

Maximum bit size:
330 mm (13 inch)

MC100



Number of splines: 8

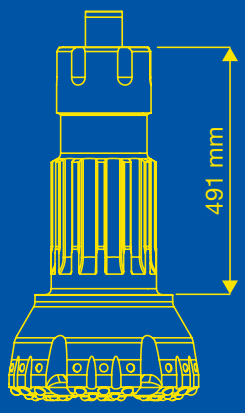
Drive pins required: No

Foot valve: No

Minimum bit size:
254 mm (10 inch)

Maximum bit size:
330 mm (12 inch)

QL120



Number of splines: 12

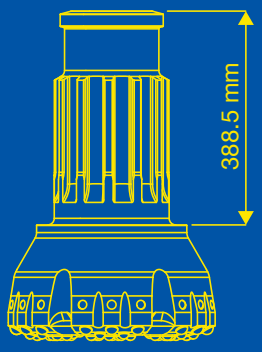
Drive pins required: Yes

Foot valve: Yes

Minimum bit size:
305 mm (12 inch)

Maximum bit size:
381 mm (15 inch)

MC120



Number of splines: 12

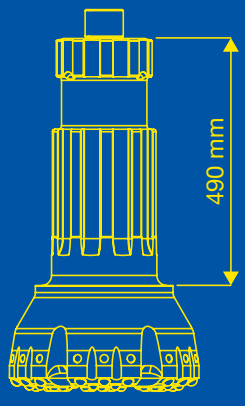
Drive pins required: Yes

Foot valve: No

Minimum bit size:
305 mm (12 inch)

Maximum bit size:
381 mm (15 inch)

N125



Number of splines: 10

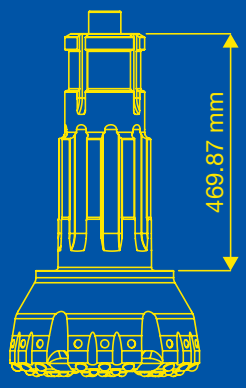
Drive pins required: Yes

Foot valve: Yes

Minimum bit size:
305 mm (12 inch)

Maximum bit size:
381 mm (15 inch)

SD12



Number of splines: 12

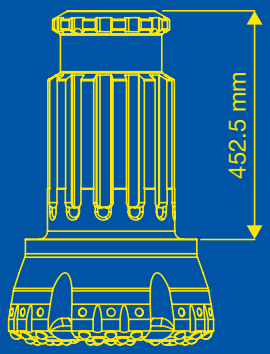
Drive pins required: Yes

Foot valve: No

Minimum bit size:
381 mm (15 inch)

Maximum bit size:
457 mm (18 inch)

MC150



Number of splines: 12

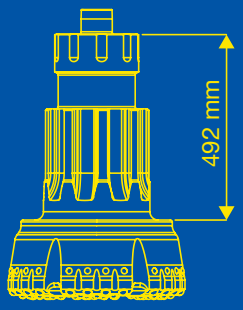
Drive pins required: Yes

Foot valve: No

Minimum bit size:
381 mm (15 inch)

Maximum bit size:
457 mm (18 inch)

QL200



Number of splines: 9

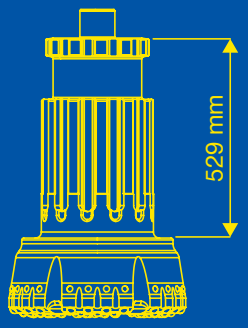
Drive pins required: Yes

Foot valve: Yes

Minimum bit size:
457 mm (18 inch)

Maximum bit size:
610 mm (24 inch)

N180



Number of splines: 12

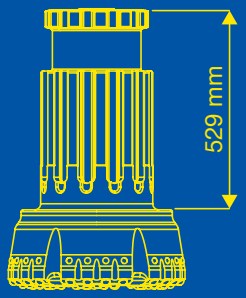
Drive pins required: Yes

Foot valve: Yes

Minimum bit size:
457 mm (18 inch)

Maximum bit size:
610 mm (24 inch)

MQ180



Number of splines: 12

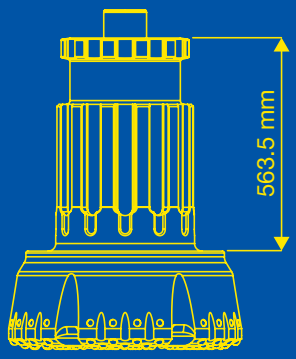
Drive pins required: Yes

Foot valve: No

Minimum bit size:
457 mm (18 inch)

Maximum bit size:
610 mm (24 inch)

N240



Number of splines: 12

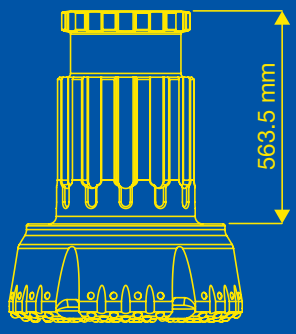
Drive pins required: Yes

Foot valve: Yes

Minimum bit size:
610 mm (24 inch)

Maximum bit size:
864 mm (34 inch)

MQ240



Number of splines: 12

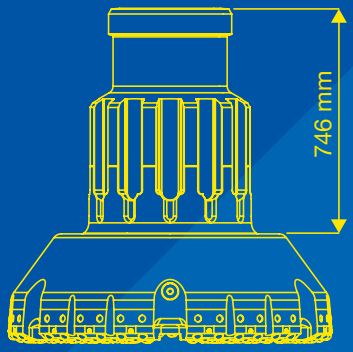
Drive pins required: Yes

Foot valve: No

Minimum bit size:
610 mm (24 inch)

Maximum bit size:
864 mm (34 inch)

MF34



Number of splines: 12

Drive pins required: Yes

Foot valve: No

Minimum bit size:
850 mm (33.4 inch)

Maximum bit size:
1,450 mm (57.1 inch)

THE COMPLETE PACKAGE

Mincon aims to offer comprehensive product range, allowing drillers to tailor a complete Mincon drilling solution for their application and drilling platform.

Our range includes DTH hammers, DTH drill bits, rotary drill bits, geotechnical and foundation drilling systems, reverse circulation systems for exploration drilling, horizontal directional drilling systems, and drill pipes. Each of these offerings has been designed in-house by Mincon and is manufactured at our state-of-the-art factories around the world.

In addition to our class-leading tools and solutions, we offer customers ancillary equipment for the operation and maintenance of their drill string. This equipment can be installed at customer sites or accessed through Mincon service centres.

We also offer a range of drilling fluids, including Mincon Envirosafe rock drilling oil which ensures the correct lubrication to prolong the service life of DTH hammers. The range includes Envirosafe Foamer and Hole Control, designed to stabilise boreholes in specific ground conditions.

Additional information on the complete Mincon product range can be obtained from your Mincon service centre, distributor, or by visiting www.mincon.com.



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MH0124