

KMT GENUINE PARTS

FOR MAXIMUM PERFORMANCE



Cutting Heads



Diamond Orifices



Fittings & Tubing



Valve Repair Kits

2024 - 2025
CATALOG



kmtgenuineparts.com

KMT
WATERJET

FOR TECHNICAL SERVICE:

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KMT Genuine Service is Closer Than you Think!

TO ORDER PARTS:

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Normal business hours are:

7:00AM to 5:00PM Central Time

After hours emergency help is available 24/7



ORDER KMT GENUINE PARTS ONLINE 24/7:

kmtgenuineparts.com

(Log-in required)



KMT Genuine Parts are guaranteed to be of the highest quality, ensuring that your investment is protected.

Our parts are stringently tested to deliver a healthier & more efficient waterjet system, giving you peace of mind.

THE VALUE OF KMT GENUINE PARTS

- Imitation parts DO NOT meet our stringent requirements for **QUALITY** and **SAFETY**.
- Fewer break/fix scenarios saving downtime
- Any use of non-KMT Genuine Parts on KMT equipment may reduce component lifetimes, compromise safe failure modes, and could void the Warranty
- **Fast delivery--same-day shipping on most parts**

For your convenience, we have labeled all items in this catalog according to the pressure range of their application. The following color code applies:



The product has been designed for use with our ultra-high pressure PRO product series and is applicable at a pressure range of up to 90,000psi/6.200 bar



The product is applicable at a pressure range of up to 60,000psi/4.100 bar

All dimensions in this catalog are in inch unless specified otherwise. The decimal notation can be converted as follows:

0.25 = 1/4 inch

0.38 = 3/8 inch

0.56 = 9/16 inch

0.75 = 3/4 inch

KMT products are tested & meet ISO 9001 processes and procedures with specific requirements so that our products are designed to perfectly fit with minimal installation time and for maximize usage.



Please note that all technical details shown in this catalog are subject to change and pictures are similar.

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KMT PUMPS PORTFOLIO



125 HP



60 HP



200 HP



100 HP

PRO SERIES | 90,000 PSI

PRO SERIES | 90,000psi | LOWEST COST PER PART!

Available in 125 HP and 60 HP

The STREAMLINE PRO® Series Pumps significantly increase cutting productivity by 50 - 70% and use up to 50% less abrasive vs. industry standard 60,000 PSI/50 HP & 100 HP cutting.

SL-VI SERIES | 60,000psi | THE PROVEN INDUSTRY WORKHORSE

Available in 200 HP, 100 HP, 50 HP and 15 HP

The STREAMLINE® SL-VI Series is a configurable designed waterjet pump that can be custom built based on a variety of options to meet your cutting solution requirements.

CLASSIC SERIES | 60,000psi | RELIABLE PERFORMANCE AT A VALUE

Available in 50 HP and 30 HP

The STREAMLINE® CLASSIC Series employs long-stroke technology designed for ease of use, reliability and maximum uptime...*Classic KMT with modern technology!*

TRILINE DIRECT DRIVE | 55,000psi | ECONOMICAL & DEPENDABLE CUTTING

Available in 30 HP

The TRILINE® pump has an excellent cost of ownership value and can be used as a stand-alone unit for everyday cutting needs.

BROADEST RANGE OF WATERJET PUMPS



CUT WITH PRO 90,000 PSI FOR LOWEST COST PER PART!

The KMT Cut Calculator App 2.0 compares 90,000 PSI vs. 60,000 PSI cutting and shows the lowest cost per part results for your cutting application!

MAXIMUM PERFORMANCE • MAXIMUM POWER • FASTEST CUTTING

The KMT App incorporates 25 materials, offers a wider range of substrate thicknesses, horsepower, orifice size and abrasive rates.

KMT STREAMLINE PRO®. WORLD'S FASTEST WATERJET!



KMT Cut Calculator App 2.0



INTENSIFIER REPLACEMENT PARTS



Intensifier Replacement Parts

KMT INTENSIFIER

KMT Intensifier - The Source of Pressure

No other system incorporates the features of
KMT Intensifiers to deliver the simplest,
easiest-to-operate, most reliable system.



The KMT intensifier is the heart of your waterjet system and helps determine the quality and quantity of the products you make. The use of KMT Genuine Parts to maintain your intensifier helps maximize life and improves value.

KMT STREAMLINE PRO® intensifier replacement parts are available exclusively from KMT and require precision manufacturing to ensure the best performance from your STREAMLINE PRO® pump.

KMT Intensifier Features:

- Plunger – KMT intensifiers use a longer pressurizing stroke than other manufacturers, thereby stroking less frequently for longer life.
- Seals – KMT's Hyperlife™ seals (U.S. Patent #6,769,695 and Sweden Patent #0203660-6) used in the Streamline topworks provides greater value than inferior, imitation parts.
- Metal-to-Metal Seal Head – Ensures positive sealing & the ability to re-use crucial components, saving you money.

SEAL ASSEMBLIES

DESCRIPTION

PART No.

UHP Seal Assembly - SUPRAlife, Canister .88 dia. plunger

90,000psi/6,200 bar
Used on PRO-III units with a 60 or 125 horsepower rating

72158494



UHP Seal Assembly - 0.88 dia. plunger

90,000psi/6,200 bar
Used on select SL PRO-I units with 60 or 125 hp rating

20479499



HP Seal Assembly - 1.13 plunger units

60,000psi/4,100 bar
Used on all SL-V and SL-VI units with a 75 to 200 horsepower rating

05149711



HP Seal Assembly - 1.13 plunger units, hybrid

60,000psi/4,100 bar
Used in some specialty applications on SL-IV Plus, SL-V and SL-VI 75 HP - 200 HP units

20467135



HP Seal Assembly - 0.88 plunger units

55,000-60,000psi, 3,800/4,100 bar
Used on NeoLine SL-IV Plus 15hp - 60hp, SL-V 15hp - 60hp and SL-VI 15hp - 60hp units

20422243



HP Seal Assembly - 0.88 plunger units

55,000-60,000psi, 3,800/4,100 bar
Used on SL-IV Plus units with a 15 - 60 hp rating.

05149703



HP Seal Assembly - 0.88 plunger units

55,000psi/3,800 bar
Used in SL-IV units with a 15 to 50 HP rating

05123385



HP Cylinder Seal Assembly - 0.88 plunger units

55,000psi/3,800 bar
Used on some SL-III and all SL-IV units

05027172



SEALS, SPACERS & REPAIR KITS

DESCRIPTION

PART No.

SEALS & SPACERS



Sealing Head Seal

55,000psi/3,800 bar.
Used on SL-IV units

10110393



Sealing Head Spacer, 1.13 plunger units

60,000psi/4,100 bar
Used on all SL-V units with a 75 to 200 horsepower rating

05144597



Sealing Head Spacer

60,000psi/4,100 bar
Used on SL-IV Plus units with a 15, 30, 50 or 60 horsepower rating

05144696



REPAIR KITS



Repair Kit - Hydraulic Piston PRO 90,000psi

Kit includes retaining rings, bearings, o-rings, backup rings, seal assembly and check valves.

Repair Kit PRO-III

72168337

Repair Kit PRO-2

72168337

Repair Kit PRO-I

72168337



Repair Kit - Hydraulic Piston, 1.13 plunger units.

55,000-60,000psi, 3,800-4,100 bar. Used on all SL-V and SL-VI units with a 75 to 200 horsepower rating. Kit includes retaining rings, bearings, o-rings, backup rings, seal assembly and check valves.

80085079



REPAIR KITS

DESCRIPTION



Repair Kit - Hydraulic Piston, 0.88 plunger units.

55,000-60,000psi, 3.800-4.100 bar. Used on all SL-V and SL-VI units with a 15 to 60 horsepower rating. Kit includes retaining rings, bearings, o-rings, backup rings, seal assembly and check valves



Repair Kit - HP Cylinder Assembly

Used on SL-IV, 55,000psi/3,800 bar. Kit includes seals, o-rings and backup rings to repair the HP cylinder seal and the sealing head seal.

PROXIMITY SWITCH KITS



Proximity Switch Kit SL-VI

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-VI units with a 15 to 50 horsepower rating



Proximity Switch Kit - E50

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-IV, SL-V, Classic and OEM units with a 15 to 60 horsepower rating
Replaces Part #05127584



Proximity Switch Kit SL-VI

Used on all SL-VI 60,000psi/4.100 bar units with a 100-200 horsepower rating

Used on all 90,000psi/6.200 bar PRO units



Proximity Switch Kit

Used on all SL-IV and SL-V 60,000psi/4.100 bar units with a 75-200 horsepower rating

Used on 90,000psi/6.200 bar PRO-I and PRO-2 units

PART No.

05115951



05115977



72146433



20453934



72141569



20453925



HYDRAULIC CYLINDERS & HEADS

DESCRIPTION

PART No.

Hydraulic Cylinder, 0.88 plunger HSEC units

05034764

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-IV, SL-V, Classic and OEM units with a 15 to 60 horsepower rating



Hydraulic Cylinder, 1.13 plunger HSEC units

7219007434

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-V units with a 75 to 200 horsepower rating and PRO units with a horsepower rating of 60 or 125. Replaces 05144514.



Hydraulic Cylinder Head, 0.88 plunger, HSEC units

20414880

55,000psi/3.800 bar
Used on all Classic units with a 30 or 50 horsepower rating



Hydraulic Cylinder Head, 0.88 plunger, HSEC units

05034772

60,000psi/4.100 bar
Used on all SL-IV, SL-V and OEM units with a 15 to 60 horsepower rating



Hydraulic Cylinder Head, 1.13 plunger, HSEC units

20416445

60,000psi/4.100 bar
Used on all SL-V units with a 75 to 200 horsepower rating



PUMP PLUNGERS

DESCRIPTION	PART No.	
Ceramic Plunger - 0.88 plunger units 90,000psi/6.200 bar Used on all PRO-III units	72162253	
Ceramic Plunger - 0.88 plunger units 90,000psi/6.200 bar Used on all SL-VI PRO units	72138164	
Ceramic Plunger - 0.88 plunger units 60,000/90,000psi - 4.100/6.200 bar Used on all SL-V and SL-VI units with a 15 to 60 horsepower rating and on all PRO-I and PRO-2 units	05119151	
Ceramic Plunger - 1.13 plunger units 60,000psi/4.100 bar Used on all SL-V and SL-VI units with a 75 to 200 Horsepower rating	05144506	
Carbide Plunger, 0.88 plunger units 55,000psi/3.800 bar Used on all Classic and NL-I units with a 30 to 50 horsepower rating.	05039771	

LINERS

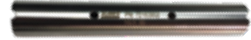
DESCRIPTION

PART No.

Liner - UHP Cylinder, 0.88 plunger units, Stainless Steel

90,000psi/6,200 bar
Used on all PRO-III with a 60 or 125 horsepower rating

72163802



Liner - UHP Cylinder, 0.88 plunger units, Stainless Steel

90,000psi/6,200 bar
Used on all PRO-2 with a 60 or 125 horsepower rating

72127441



Liner - UHP Cylinder, 0.88 plunger units

90,000psi/6,200 bar
Used on all PRO-1 and PRO-2 units with a 60 or 125 horsepower rating

20474333



Liner - HP Cylinder, 1.13 plunger units

60,000psi/4,100 bar
Used on all SL-V and SL-VI units with a 75 to 200 Horsepower rating

72110945



Liner - HP Cylinder 0.88 plunger units

60,000psi/4,100 bar

20497767



Liner - HP Cylinder, 0.88 plunger units, Brass

60,000psi/4,100 bar

20491603



BACKUP RINGS

DESCRIPTION

PART No.



Hydraulic Piston Assembly Backup Ring

60,000/90,000psi - 4.100/6.200 bar
Used on SL-IV, SL-V & OEM 7/8" plunger units with a 15 to 60 horsepower rating and PRO units with a horsepower rating of 60 or 125

05049994



5.25 x 5.50, 1.13 plunger units - Backup Ring

60,000/90,000psi - 4.100/6.200 bar
Used on all SL-V and SL-VI (PRO) units with a 75 to 200 horsepower rating

05120092



3.75 x 4.0, 0.88 plunger units - Backup Ring

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-IV, SL-V and SL-VI units with a 15 to 60 horsepower rating.

05034855



HYDRAULIC CARTRIDGE SEAL ASSEMBLIES



0.88 plunger units

60,000/90,000psi - 4.100/6.200 bar
Used on all SL-IV, SL-V and SL-VI units with a 15 to 60 horsepower rating and all PRO units with a 60 or 125 horsepower rating

05130091



1.13 plunger units

60,000psi/4.100 bar
Used on all SL-V and SL-VI units with a 75 to 200 horsepower rating

05146584



0.88 plunger units

55,000psi/3.800 bar
Used on all Classic units with a 30 or 50 horsepower rating & NEOLINE 40 units

80086622



HYDRAULIC PISTON ASSEMBLIES

DESCRIPTION

1.13 plunger units

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-V units with a 75 to 200 horsepower rating
Kit includes piston, retaining rings, bearings, o-rings, backup rings, seal assembly and check valves

0.88 plunger units

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-IV, SL-V, Classic and OEM units with a 15 to 60 horsepower rating
Kit includes piston, retaining rings, bearings, o-rings, backup rings, seal assembly and check valves

Seal Assembly - Hydraulic Piston, 0.88 plunger units

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-V, Classic and OEM units with a 15 to 60 horsepower rating

Bearing - Hydraulic Piston, 0.88 plunger units

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-V, Classic and OEM units with a 15 to 60 horsepower rating

PART No.

05146576



05132253



05117965



05117940



CYLINDERS

DESCRIPTION

PART No.

PRO-III Cylinder - 0.88 plunger units

90,000psi/6,200 bar
Used on all PRO-III units with a 60 or 125 horsepower rating

72166738



PRO-2 Cylinder - 0.88 plunger units

90,000psi/6,200 bar
Used on all PRO-2 and SL-VI PRO units with a 60 or 125 horsepower rating

72121858



PRO-I Cylinder - 0.88 plunger units

90,000psi/6,200 bar
Used on all PRO-I units with a 60 or 125 horsepower rating

72121850



Cylinder - 1.13 plunger HSEC-C

60,000psi/4,100 bar
Used on all SL-VI units with a 100 to 200 horsepower rating

72154588



Cylinder - 1.13 plunger HSEC

60,000psi/4,100 bar
Used on all SL-V units with a 75 to 200 horsepower rating

Replaces Part #20473479 & #20431076

72119536



Cylinder - 0.88 plunger HSEC-C

60,000psi/4,100 bar
Used on all SL-VI units with a 15 to 50 horsepower rating

72160831



Cylinder - 0.88 plunger HSEC

60,000psi/4,100 bar
Used on all SL-V and OEM units with a 15 to 60 horsepower rating

Replaces Part #20479503 & #05144647

72119544



CYLINDERS

DESCRIPTION

PART No.

0.88 plunger

55,000psi/3.800 bar
Used on SL-IV SSEC and NL-I units

05059712



0.88 plunger HSEC units

55,000psi/3.800 bar
Used on all Classic units with a 30 or 50 horsepower rating. **Replaces Part #20434777**

72119529



0.88 plunger HSEC units

55,000psi/3.800 bar
Used on all Classic version I units with a 50 horsepower rating. **Replaces Part #20414862**

72120023



HIGH PRESSURE CYLINDER NUTS

HP Cylinder Nut - HSEC (Hard Seal End Cap) 0.88 plunger

60,000psi/4.100 bar. Used on all SL-V and OEM units with a 15 to 60 horsepower rating

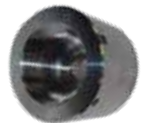
80073646



HP Cylinder Nut - SSEC (Soft Seal End Cap)

55,000psi/3.800 bar. Used on all SL-IV units

05059688



1.125 HP Cylinder Nut, HSEC (Hard Seal End Cap)

60,000psi/4.100 bar. Used on SL-IV Plus 75hp - 200hp, SL-V 75hp - 200hp, SL-VI 75hp - 200hp

49838220



UHP Cylinder Nut, HSEC (Hard Seal End Cap)

90,000psi/6.200 bar. Used on PRO 2 units

72101164



BUSHING RETAINER FLANGES

DESCRIPTION

PART No.

0.88 plunger units

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-IV, SL-V, Classic & OEM units with a 15 to 60 horsepower rating

05007786



1.13 plunger units

60,000psi/4.100 bar
Used on all SL-V units with a 75 to 200 horsepower rating

05145099



RETAINING RINGS

1.011 x 0.030 x 0.118, Stainless Steel

90,000psi/6.200 bar
Used on all 90,000psi/6.200 bar units

20492123



2.75, Stainless steel

60,000psi/4.100 bar
Used on all 60,000psi/4.100 bar units

05034798



MISCELLANEOUS

Jackbolt - HSEC, 7/16-20 x 2.31

Used on all SL-V, Classic and OEM HSEC units

80070352



HP Attenuator Assembly - 0.96L

Used on all 60,000psi/4.100 bar units.

05040696



SEALING HEADS

Sealing Heads



SEALING HEAD ASSEMBLIES

DESCRIPTION

PART No.

0.88 plunger

90,000psi/6,200 bar
Used on all PRO-III units

72170157



0.88 plunger

90,000psi/6,200 bar
Used on all PRO-2 and SL-VI PRO units

20480087



0.88 plunger, 4 stud.

90,000psi/6,200 bar
Used on all PRO-I units

20480113



Uses o-ring 10146082

1.13 plunger units HSEC-C

60,000psi/4,100 bar
Used on all SL-VI units with a 100 to 200 horsepower rating

72154603



1.13 plunger units HSEC

60,000psi/4,100 bar
Used on all SL-V units with a 75 to 200 horsepower rating

72110979



0.88 plunger units HSEC-C

55,000-60,000psi, 3,800-4,100 bar
Used on all SL-VI units with a 15 to 50 horsepower rating

72142526



0.88 plunger units HSEC

55,000-60,000psi, 3,800-4,100 bar
Used on all SL-V, Classic and OEM units with a 15 to 60 horsepower rating

20481005



SEALING HEAD ASSEMBLIES

DESCRIPTION

0.88 plunger units

60,000psi/4.100 bar
Used on SL-IV Plus flange units

PART No.

05144688



0.88 plunger units

55,000psi/3.800 bar
Used on SL-IV units

Uses o-ring 05049853

05116769



0.88 plunger units

55,000psi/3.800 bar
Used on NL-I units

20417081



SEALING HEADS

DESCRIPTION

PART No.

0.88 plunger units

90,000psi/6,200 bar
Used on all sealing head assemblies
for PRO-2 units

72113373



0.88 plunger units

90,000psi/6,200 bar
Used on all sealing head assemblies for PRO-I units

20479524



1.13 plunger units

60,000psi/4,100 bar
Used on all sealing head assemblies for SL-V units
with a 75 to 200 horsepower rating

72110961



0.88 plunger units

55,000-60,000psi, 3,800-4,100 bar
Used on all sealing head assemblies for SL-V, Classic
and OEM units with a 15 to 60 horsepower rating

20481009



0.88 plunger units

60,000psi/4,100 bar
Used on SL-IV Plus flange units

05144357



1.13 plunger units

55,000psi/3,800 bar
Used on SL-IV units with a 15 to 60 horsepower
rating

10106417



0.88 plunger units

55,000psi/3,800 bar
Used on NL-I units

20417000



GLANDS

GLANDS



UHP Sealing Head, 0.88 plunger units

90,000psi/6,200 bar
Used on all sealing head assemblies for PRO units



HP Sealing Head, 1.13 plunger units

60,000psi/4,100 bar
Used on all sealing head assemblies for SL-V units
with a 75 to 200 horsepower rating



HP Sealing Head, 0.88 plunger units

55,000-60,000psi, 3,800-4,100 bar
Used on all sealing head assemblies for
SL-IV, SL-V, Classic & OEM units with a 15 to 60
horsepower rating

PART No.

20481660



05116595



05116777



REPAIR KITS

DESCRIPTION

PART No.

UHP Check Valve PRO (Inlet/Discharge) Ball Style Inlet/discharge, 0.88 plunger units

72117819

90,000psi/6.200 bar

Used on all PRO-2 and PRO-III units that utilize an inlet ball. Kit includes seat, discharge poppet, inlet ball, poppet pin, dowel pin & compression spring



UHP Check Valve PRO-2, Discharge Kit, 0.88 plunger units

72135447

90,000psi/6.200 bar

Used on sealing head assemblies for PRO-2 units. Kit includes seat, discharge poppet, poppet pin & compression spring



UHP Check Valve (Poppet Style) Inlet Inlet/discharge, 0.88 plunger units

20477505

90,000psi/6.200 bar

Used on all sealing head assemblies for PRO-I units that utilize an inlet poppet. Kit includes valve seat, inlet and discharge poppets, poppet pin and compression spring



HP Check Valve, Discharge, 1.13 plunger units

80084403

60,000psi/4.100 bar

Used on all sealing head assemblies for SL-V units with a 75 to 200 horsepower rating. Kit includes valve seat, discharge poppet, poppet pin and compression spring



REPAIR KITS

DESCRIPTION

PART No.

HP Check Valve Discharge, 0.88 plunger units

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-V, Classic and OEM units with a 15 to 60 horsepower rating. Kit includes valve seat, discharge poppet, poppet pin and compression spring

05133335



HP Check Valve, Inlet/Discharge, 1.13 plunger units

60,000psi/4.100 bar
Used on all SL-V and SL-VI units with a button style poppet with a 75 to 200 horsepower rating. Kit includes valve seat, inlet and discharge poppets, poppet pin and compression spring

72125203



HP Check Valve, Inlet/Discharge, 1.13 plunger units

60,000psi/4.100 bar
Used on all SL-V units with washer style inlet with a 75 to 200 horsepower rating. Kit includes valve seat, inlet and discharge poppets, poppet pin and compression spring

20427747



HP Check Valve, Inlet/Discharge, 0.88 plunger units

55,000-60,000psi, 3.800-4.100 bar
Used on all SL-V and SL-VI units with a button style poppet with a 15 to 60 horsepower rating. Kit includes valve seat, inlet and discharge poppets, poppet pin, compression spring & poppet retainer screw

20489495



HP Check Valve, Inlet/Discharge

55,000-60,000psi, 3.800-4.100 bar
Used on SL-IV & SL-V units with a washer style inlet poppet. Kit includes valve seat, inlet & discharge poppets, poppet pin & compression springs

80074057



NEO SERIES KITS



NEO 30 HP & 50 HP Part Kits

NEO SERIES KITS

DESCRIPTION NEO 60,000psi-4,100 bar Pumps

PART No.



Check Valve Repair Kit - NEO 30 & 50 HP

1011158



Hydraulic Piston Repair Kit - NEO 30 & 50 HP

1011220



High Pressure Seal Repair Kit - NEO 30 & 50 HP

1011159



Dump Valve Repair Kit - NEO 30 & 50 HP

05116017



500h Maintenance Kit - NEO 30 & 50 HP

1011160



1,000h & 2,000h Maintenance Kit - NEO 30 & 50 HP

1011161



3,000h Maintenance Kit - NEO 30 & 50 HP

1011164



Water Filter Element Kit - NEO 30 & 50 HP

7219013575



Oil Filter Element - NEO 30 & 50 HP

05049689



CUTTING HEADS

AUTOLINE® PRO
ASSEMBLY



IDE® PRO
ASSEMBLY



AUTOLINE® II
ASSEMBLY



IDE® II
ASSEMBLY

Cutting Heads

CUTTING HEADS

DESCRIPTION

PART No.

IDE PRO Assembly

90,000psi/6,200 bar

Diamond Orifice

0.007" / 0.17 mm

20481407

0.008" / 0.20 mm

20481408

0.009" / 0.23 mm

20481409

0.010" / 0.25 mm

20481410

0.011" / 0.28 mm

20481411

0.012" / 0.30 mm

20481412

0.013" / 0.33 mm

20481413

0.014" / 0.35 mm

20481414

0.015" / 0.38 mm

20481415

0.016" / 0.40 mm

20481416

0.018" / 0.46 mm

20481418



AUTOLINE PRO Assembly

90,000psi/6,200 bar, 0.75 UHP
(Orifice Assembly & Focusing Tube Not Included)

20480707



IDE II Assembly - Without Short Stop Filter Element

60,000psi/4,100 bar

Diamond Orifice

0.007" / 0.17 mm

20477959007

0.008" / 0.20 mm

20477959008

0.009" / 0.23 mm

20477959009

0.010" / 0.25 mm

20477959010

0.011" / 0.28 mm

20477959011

0.012" / 0.30 mm

20477959012

0.013" / 0.33 mm

20477959013

0.014" / 0.35 mm

20477959014

0.016" / 0.40 mm

20477959016

0.018" / 0.46 mm

20477959018



CUTTING HEAD ASSEMBLIES

DESCRIPTION

PART No.

IDE II Assembly - With Short Stop Filter Element

60,000psi/4,100 bar

Diamond Orifice & Short Stop Filter

0.007" / 0.17 mm

20477950007

0.008" / 0.20 mm

20477950008

0.009" / 0.23 mm

20477950009

0.010" / 0.25 mm

20477950010

0.011" / 0.28 mm

20477950011

0.012" / 0.30 mm

20477950012

0.013" / 0.33 mm

20477950013

0.014" / 0.35 mm

20477950014

0.016" / 0.40 mm

20477950016

0.018" / 0.46 mm

20477950018



AUTOLINE II Assembly

60,000psi/4,100 bar

0.030 wear insert, 0.38 HP

(Orifice Assembly & Focusing Tube Not Included)

20453949

0.043 wear insert, 0.38 HP

(Orifice Assembly & Focusing Tube Not Included)

20454108



AUTOLINE I Assembly

60,000psi/4,100 bar

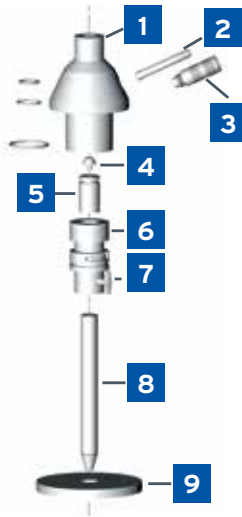
0.030 wear insert, 0.38 HP

(Diamond & Focusing Tube Not Included)

05078530



CUTTING HEAD PARTS



AUTOLINE Components

- 1 Cap
- 2 Abrasive Feed Liner
- 3 Handle
- 4 Diamond Orifice
- 5 LONGLIFE Mixing Chamber
- 6 Nozzle Body
- 7 Wing Screw Focusing Tube
- 8 LONGLIFE Focusing Tube
- 9 Guard

Cutting Head Parts

CAP & BODY

DESCRIPTION

PART No.

AUTOLINE PRO

90,000psi/6,200 bar
0.75 UHP

For o-rings see pages 80-84

20480732



AUTOLINE II

60,000psi/4,100 bar
0.38 UHP

For o-rings see pages 80-84

20453952



AUTOLINE I

60,000psi/4,100 bar
0.38 UHP

For o-rings see pages 80-84

05076971



Body

AUTOLINE PRO

90,000psi/6,200 bar
For o-rings see pages 80-84

20480715



AUTOLINE II

60,000psi/4,100 bar
For o-rings see pages 80-84

20453958



AUTOLINE I

60,000psi/4,100 bar
For o-rings see pages 80-84

05073820



WEAR INSERTS

DESCRIPTION

PART No.

AUTOLINE PRO

90,000psi/6,200 bar

20454861



AUTOLINE II

60,000psi/4,100 bar

0.030, 25° Inlet (For o-rings see pages 80-84)

20453064

0.043, 25° Inlet

20453082

0.054, 25° Inlet

20454339



AUTOLINE I

60,000psi/4,100 bar

0.030, 45° Inlet, Tungsten Carbide

05076955

0.043, 45° Inlet, Tungsten Carbide

05135827

0.052, 45° Inlet, Tungsten Carbide

20442434



SPARE PARTS KITS

AUTOLINE PRO

90,000psi/6,200 bar

Kit includes the setscrew and o-rings to service any AUTOLINE PRO assembly

20479589



AUTOLINE II

60,000psi/4,100 bar

Kit includes the setscrew and o-rings to service any AUTOLINE II assembly

20454129



AUTOLINE I

60,000psi/4,100 bar

Kit includes the setscrew and o-rings to service any AUTOLINE I assembly

05077367



ABRASIVE FEED TUBE ADAPTERS

DESCRIPTION

PART No.



AUTOLINE PRO & AUTOLINE II,
60,000/90,000psi-4.100/6.200 bar
Stainless Steel

20453973



AUTOLINE I
Stainless Steel

05076989



IDE II & IDE PRO, 60,000/90,000psi-4.100/6.200 bar
Stainless Steel - Utilizes KMT part no. 10074870 O-ring,
sold separately on page 85.

20454303



ABRASIVE FEED TUBE ASSEMBLY



AUTOLINE PRO & AUTOLINE II,
60,000/90,000psi-4.100/6.200 bar Includes
10142610 O-ring.

20453964



KNOB RETAINER



AUTOLINE PRO & AUTOLINE II,
60,000/90,000psi-4.100/6.200 bar,
Stainless Steel, T-Handle

20453976



AUTOLINE I
Stainless Steel

05078712



ABRASIVE GUARD



AUTOLINE PRO, AUTOLINE II & I
60,000/90,000psi-4.100/6.200 bar

05087168



90,000psi/60,000psi, KMT Cup Style

72148276



IDE RETAINING NUT

DESCRIPTION

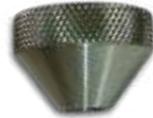
PART No.



0.38, Stainless Steel, 60,000/90,000psi-
4.100/6.200 bar

Used with IDE PRO and IDE II cutting heads

20454342



FOCUSING TUBE RETAINING COLLET



0.373 ID, Brass, 60,000/90,000psi-4.100/6.200 bar

Retaining ring for IDE PRO and IDE II cutting heads

20454345



SHORT STOP ADAPTER ASSEMBLY

Required when incorporating an IDE II
cutting head into an existing system with a
KMT pneumatic valve



Short Stop Filter Adapter, HP, 60,000psi/4.100 bar
0.25 M x 0.25 F

72169858



0.38 M x 0.25 F, High Pressure Tubing
60,000psi/4.100 bar

20454363



0.38 M x 0.38 F, High Pressure Tubing
60,000psi/4.100 bar

20454366



Short Stop Filter Element, 60,000/90,000psi-
4.100/6.200 bar

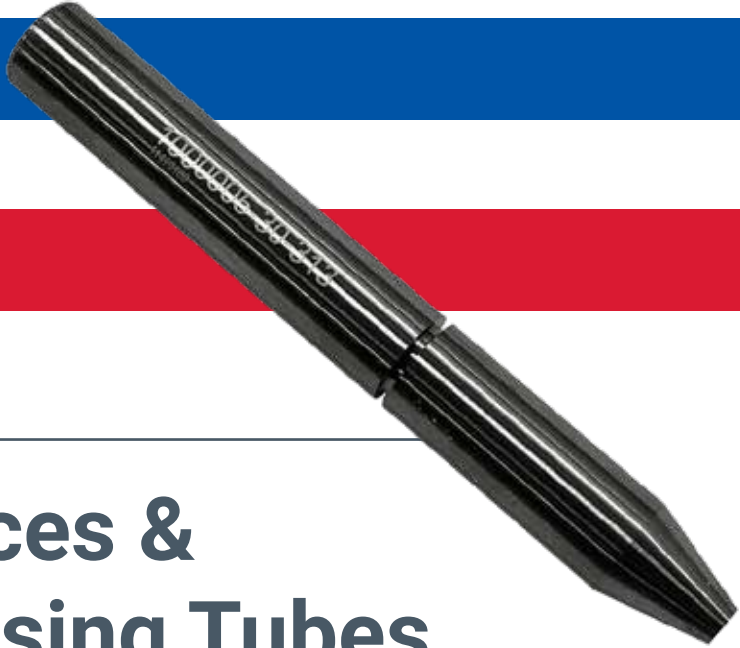
20454426



Short Stop Filter Adapter, Ultra-high Pressure
Tubing, 90,000psi/6.200 bar, 0.25 M x 0.25 F

7219014304





Orifices & Focusing Tubes

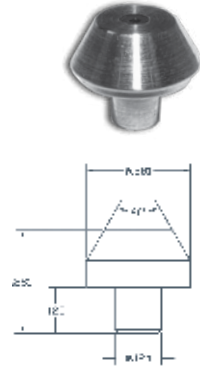
ABRASIVE ORIFICES/60,000PSI

DESCRIPTION

60,000psi/4.100 bar Abrasive Cutting

Diamond Orifice, Autoline® I & II

	PART No.
0.004" / 0.10 mm	20448625
0.007" / 0.11 mm	05063847
0.008" / 0.20 mm	05112537
0.009" / 0.23 mm	05084504
0.010" / 0.25 mm	05077029
0.011" / 0.28 mm	05101753
0.012" / 0.30 mm	05077300
0.013" / 0.33 mm	05136098
0.014" / 0.35 mm	05077037
0.015" / 0.38 mm	80075781
0.016" / 0.40 mm	05121512
0.018" / 0.46 mm	05114905
0.019" / 0.48 mm	80086663
0.020" / 0.51 mm	05114897



60,000psi/4.100 bar Abrasive Cutting

Sapphire Orifice, Autoline® I & II

0.007" / 0.17 mm	05109079
0.008" / 0.20 mm	05109087
0.009" / 0.23 mm	05109095
0.010" / 0.25 mm	05109103
0.011" / 0.28 mm	05109111
0.012" / 0.30 mm	05109129
0.013" / 0.33 mm	20412569
0.014" / 0.35 mm	05109137
0.016" / 0.40 mm	20448541
0.018" / 0.46 mm	05114913
0.019" / 0.48 mm	80086671
0.020" / 0.51 mm	05114921



ABRASIVE ORIFICES/90,000PSI

DESCRIPTION

PART No.

AUTOLINE PRO - ABRASVE

90,000psi/6,200 bar
For True Alignment & Maximum Performance

Wear Insert Cartridge with Diamond Orifice

0.007" / 0.17 mm	20481607
0.008" / 0.20 mm	20496208
0.009" / 0.23 mm	20481609
0.010" / 0.25 mm	20496210
0.011" / 0.28 mm	20496211
0.012" / 0.30 mm	20496212
0.013" / 0.33 mm	20481613
0.014" / 0.35 mm	20496214
0.015" / 0.38 mm	20496215



KMT Waterjet Abrasive Storage Hoppers save costs by protecting garnet and grit used for cutting hard materials like metal, stone, and composites.

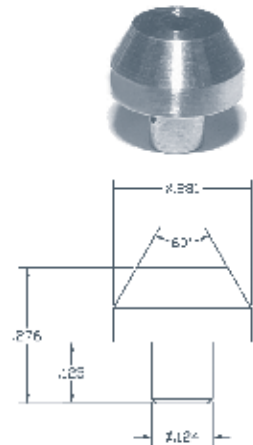


WATER-ONLY ORIFICES/60,000PSI

DESCRIPTION

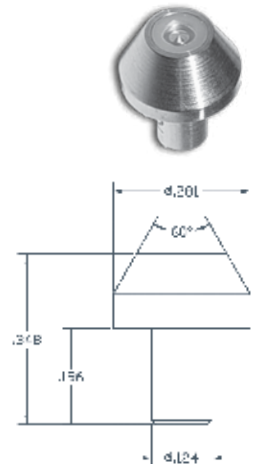
Orifices For Water-Only Cutting
Standard Diamond, 60,000psi/4.100 bar

DESCRIPTION	PART No.
.003 (.076)	49888852
.004 (.102)	49888860
.005 (.127)	49888878
.006 (.152)	49888886
.007 (.178)	49888894
.008 (.203)	49888902
.009 (.229)	49888910
.010 (.254)	49888928
.012 (.305)	49888936
.013 (.330)	49836786
.014 (.356)	49888944
.015 (.381)	49888951
.016 (.406)	49888969
.018 (.457)	49888977
.019 (.483)	20436198
.020 (.508)	49888985
.022 (.559)	49888993



Sapphire For Water-Only Cutting
60,000psi/4.100 bar

DESCRIPTION	PART No.
.003 (.076)	A2260003
.004 (.102)	A2260004
.005 (.127)	A2260005
.006 (.152)	A2260006
.007 (.178)	A2260007
.008 (.203)	A2260008
.009 (.229)	A2260009
.010 (.254)	A2260010
.011 (.279)	A2260011
.012 (.305)	A2260012
.013 (.330)	A2260013
.014 (.356)	A2260014
.015 (.381)	A2260015
.016 (.406)	A2260016
.018 (.457)	A2260018
.019 (.483)	A2260019
.020 (.508)	A2260020
.022 (.559)	A2260022



PREMIUM DIAMOND ORIFICE - FOOD & SOFT MATERIALS

DESCRIPTION

Water-Only, 60,000psi/4.100 bar

Premium Diamond Orifice. Use for 60,000psi cutting food & soft materials like foam, rubber, and much more!

0.005" / 0.12 mm

72113688

0.006" / 0.15 mm

72132350

0.007" / 0.17 mm

72113680

0.008" / 0.20 mm

72132358

0.009" / 0.23 mm

72136231

0.010" / 0.25 mm

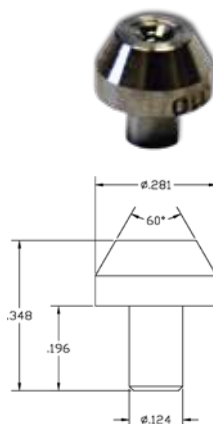
72136249

0.011" / 0.28 mm

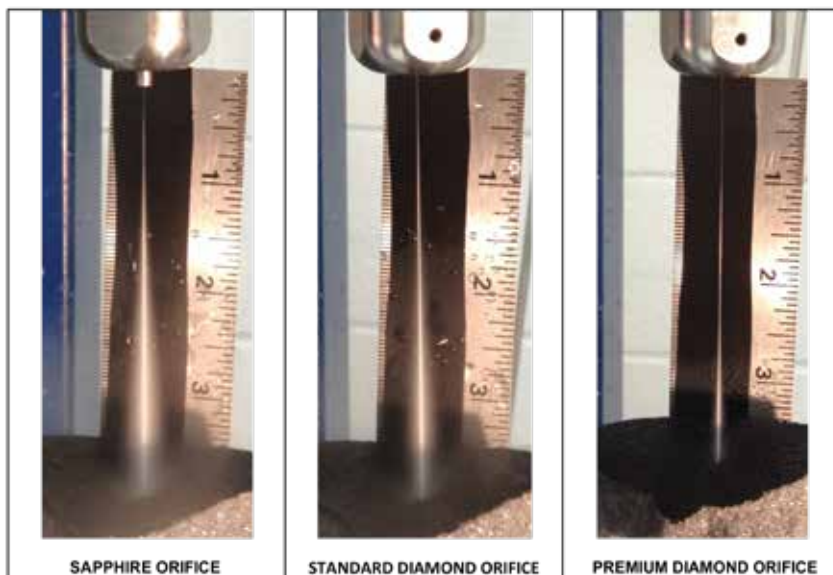
72136256

0.012" / 0.30 mm

72136264



WATER-ONLY ORIFICE STREAM COMPARISONS (60,000PSI)



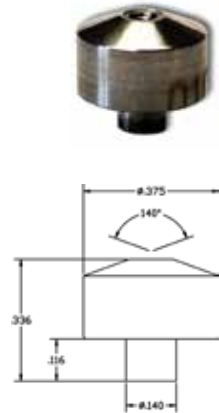
WATER-ONLY ORIFICES/90,000PSI

DESCRIPTION

Water-Only, 90,000psi/6.200 bar, Diamond

PART No.

.004 (.102)	20481704
.005 (.127)	20481705
.006 (.152)	20481706
.007 (.178)	20481707
.008 (.203)	20481708
.009 (.229)	20481709
.010 (.254)	20481710
.011 (.279)	20481711
.012 (.305)	20481712
.013 (.330)	20481713
.014 (.356)	20481714
.015 (.381)	20481715
.016 (.406)	20481716
.017 (.412)	20481717
.018 (.457)	20481718
.019 (.483)	20481719
.020 (.508)	20481720
.021 (.533)	20481721
.022 (.559)	20481722



FOCUSING TUBES

DESCRIPTION

PART No.

PRO Series Indexed. 90,000psi/6.200 bar

The PRO Series features the superior HYPER-TUBE Index Design for longer, more uniform wear preventing "focusing tube blow-out"

0.030 x 3.0 / 0.76 mm x 76 mm	20477366
0.030 x 4.0 / 0.76 mm x 102 mm	20477382
0.033 x 4.0 / 0.84 mm x 102 mm	20490760
0.040 x 3.0 / 1.02 mm x 76 mm	20486133
0.040 x 4.0 / 1.02 mm x 102 mm	20486166
0.043 x 3.0 / 1.10 mm x 76 mm	20477386
0.043 x 4.0 / 1.10 mm x 102 mm	20477395
0.045 x 3.0 / 1.14 mm x 76 mm	20486151
0.045 x 4.0 / 1.14 mm x 102 mm	20486158
0.048 x 4.0 / 1.22 mm x 102 mm	20490768

HyperTube® Index Design



ROCTEC® 100. 60,000psi/4.100 bar

0.021 x 3.13 / 0.53 mm x 79 mm	20451227
0.025 x 3.13 / 0.63 mm x 79 mm	20452309
0.030 x 3.13 / 0.76 mm x 79 mm	10126969
0.036 x 3.13 / 0.91 mm x 79 mm	80075252
0.039 x 3.13 / 0.99 mm x 79 mm	49833593
0.040 x 3.13 / 1.02 mm x 79 mm	49835390
0.043 x 3.13 / 1.10 mm x 79 mm	10126928
0.052 x 3.13 / 1.32 mm x 79 mm	05117528
0.058 x 3.13 / 1.47 mm x 79 mm	05051891
0.063 x 3.13 / 1.60 mm x 79 mm	10126936



FOCUSING TUBES

DESCRIPTION



ROCTEC® 500. 60,000psi/4.100 bar

0.021 x 2.0 / 0.53 mm x 50 mm	05097928
0.030 x 3.13 / 0.76 mm x 79 mm	05097944
0.036 x 3.13 / 0.91 mm x 79 mm	05116652
0.043 x 3.13 / 1.10 mm x 79 mm	05097936
0.093 x 3.13 / 2.36 mm x 79 mm	05130927



Never shut down production for tank clean outs again.

**The ATS 2200 and 4400 | Abrasive Removal Solution
for Waterjet Cutting Systems is the perfect way to
improve your waterjet operations.**

SHAPE DELTA FOCUSING TUBES

DELTA STANDARD - 60,000PSI

PART No.

Delta Standard. 3.00" L, 60,000psi/4.100 bar

0.020 X 2.99 / 0.51 mm x 76 mm, 25D

1000005-20-299

0.030 X 2.99 / 0.76 mm x 76 mm, 25D

1000005-30-299

0.040 X 3.00 / 1.02 mm x 76 mm, 25D

1000005-40-300

Delta Standard. 3.125" L, 60,000psi/4.100 bar

0.015 X 3.13 / 0.38 mm x 79 mm, 25D

1000005-15-313

0.021 X 3.13 / 0.53 mm x 79 mm, 25D

1000005-21-313

0.030 X 3.13 / 0.76 mm x 79 mm, 25D

1000005-30-313

0.036 X 3.13 / 0.91 mm x 79 mm, 25D

1000005-36-313

0.039 X 3.13 / 0.99 mm x 79 mm, 25D

1000005-39-313

0.040 X 3.13 / 1.02 mm x 79 mm, 25D

1000005-40-313

0.043 X 3.13 / 1.10 mm x 79 mm, 25D

1000005-43-313

DELTA NXT PREMIUM - 60,000PSI

Delta NXT Premium. 3.00" L, 60,000psi/4.100 bar

0.020 X 2.99 / 0.51 mm x 76 mm, 25D

1000006-20-299

0.030 X 2.99 / 0.76 mm x 76 mm, 25D

1000006-30-299

0.043 X 2.99 / 1.10 mm x 76 mm, 25D

1000006-43-299

Delta NXT Premium. 3.125" L, 60,000psi/4.100 bar

0.030 X 3.13 / 0.76 mm x 79 mm, 25D

1000006-30-313

0.036 X 3.13 / 0.91 mm x 79 mm, 25D

1000006-36-313

0.040 X 3.13 / 1.02 mm x 79 mm, 25D

1000006-40-313

0.063 X 3.13 / 1.60 mm x 79 mm, 25D

1000006-63-313



SHAPE DELTA FOCUSING TUBES

DELTA PREMIUM INDEXED - 90,000PSI

PART No.

Delta Premium Indexed. 3.00" L 90,000psi/6.200 bar

0.030 X 2.99 / 0.76 mm x 76 mm, 25D

1000007-30-299

0.040 X 2.99 / 1.02 mm x 76 mm, 25D

1000007-40-299

0.043 X 2.99 / 1.10 mm x 76 mm, 25D

1000007-43-299

Delta NXT Premium Indexed. 4.00" L 90,000psi/6.200 bar

0.030 X 4.00 / 0.76 mm x 102 mm, 25D

1000007-30-400

0.040 X 4.00 / 1.02 mm x 102 mm, 25D

1000007-40-400

0.043 X 4.00 / 1.10 mm x 102 mm, 25D

1000007-43-400

0.048 X 4.00 / 1.22 mm x 102 mm, 25D

1000007-48-400



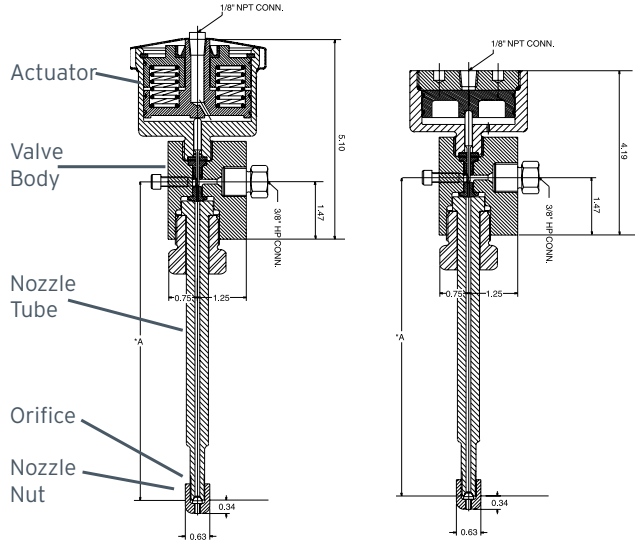
The KMT IDE® diamond cutting head cuts faster, extends focusing tube life and dramatically reduces downtime.

The IDE® cutting head has demonstrated 1,000+ cutting hours for most applications.

Pneumatic Valves (Water-Only) & Replacement Parts



PNEUMATIC VALVES / NO AND NC



Normally Closed

Normally Open

Pure water cutting applications are among the most demanding of subcontracting jobs in the industry and the KMT AQUALINE® Water-Only valves are the industry's best!

PNEUMATIC VALVE / ACTUATOR ASSEMBLIES

DESCRIPTION

PART No.

■ UHP, 90,000psi/6.200 bar - N/C

20480359



■ UHP, 90,000psi/6.200 bar - N/O
2-port Dump valve

20468634



■ HP, 60,000psi/4.100 bar - N/C

10138824



■ HP, 60,000psi/4.100 bar - N/C, IDE® Gland

20454354



■ HP, 60,000psi/4.100 bar - N/O

10184760



■ HP, 60,000psi/4.100 bar - N/O
2-Port Dump valve, Solenoid valve,
Square body

05069703



■ HP, 60,000psi/4.100 bar - N/O
3-Port Dump valve, Round body

20427739



REPAIR KITS

DESCRIPTION

PART No.

UHP Pneumatic Valve, N/C, 90,000psi/6.200 bar

20477521

Kit includes valve seat and stem, seal assembly, brass backup ring and o-rings required to service the valve and the actuator



UHP Pneumatic Valve, N/O, 90,000psi/6.200 bar

20477518

Kit includes valve seat and stem, seal assembly, brass backup ring and o-rings required to service the valve and the actuator



HP Pneumatic Valve, N/C, 60,000psi/4.100 bar

05116025

Kit includes valve seat and stem, seal assembly, backup ring & o-ring required to service the valve



HP Pneumatic Valve, N/C, Cold Weather Seal Assembly, 60,000psi/4.100 bar

05146964

Kit includes valve stem and seat, CWS seal assembly, bronze backup ring and o-ring



HP Pneumatic Valve, N/O, 60,000psi/4.100 bar

05116017

Kit includes valve seat and stem, seal assembly, backup ring & o-rings required to service the valve and the actuator



TOOL KITS

DESCRIPTION

PART No.



N/C Actuator Assembly

60,000/90,000psi - 4.100/6.200 bar
Kit includes top and bottom protector tool, and snap ring pliers to service all HP and UHP, N/C pneumatic actuator assemblies

80077795



Seal Tools, HP/UHP Pneumatic Valves

60,000/90,000psi - 4.100/6.200 bar
Used to service all HP and UHP pneumatic valves. Kit includes a seal push, positioning and installation tool

20470475



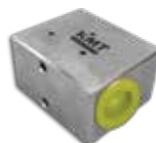
PNEUMATIC VALVE BODIES



Stainless Steel

90,000psi/6.200 bar.
For use on all KMT UHP pneumatic valves

20475871



Dump Valve, Stainless Steel

90,000psi/6.200 bar.
For use on all KMT UHP pneumatic dump valves

20468617



2-Port, (2) 0.38, (1) 0.56, Stainless Steel

60,000psi/4.100 bar.
For use on all KMT 2-port HP pneumatic valves

10189181



3-Port, 0.38, Stainless Steel

60,000psi/4.100 bar.
For use on all KMT 3-port HP pneumatic dump valves

20427648



ACTUATORS

DESCRIPTION

UHP Actuator - N/C

90,000psi/6.200 bar

UHP Actuator - N/O

90,000psi/6.200 bar

HP Actuator - N/C

60,000psi/4.100 bar

HP Actuator - N/O

60,000psi/4.100 bar

Solenoid Valve - Air, 2 -3 Way, 2 Pos, 24V DC

60,000/90,000psi - 4.100/6.200 bar

Solenoid Valve - Air, 4-Way, 2 Pos, 24 VDC

60,000psi/4.100 bar

PART No.

20474154

20479022

10177855

10189553

49888035

05128715



NOZZLE NUTS

DESCRIPTION		PART No.	
	0.56, UHP 90,000psi/6.200 bar	20478993	
	0.75, UHP 90,000psi/6.200 bar	20480993	
	0.38, LH Thread 60,000psi/4.100 bar	B2841	
	0.56, LH Thread 60,000psi/4.100 bar	B3393	



The KMT Waterjet Cut Calculator APP (available on Google Console & Apple Store) incorporates 25 materials, offers a wider range of substrate thicknesses, horsepower, orifice size, and abrasive rates.

The calculator shows the actual time differences cutting at 90,000psi vs. 60,000psi, calculating Speed/Capacity, Cost per Part/Job, and the Abrasive Consumption/Source.

VALVE GLANDS

DESCRIPTION

PART No.



0.56, Valve nut for Nozzle Tube, Stainless Steel

60,000/90,000psi - 4.100/6.200 bar

BV701184



0.75, Valve nut for Nozzle Tube, Stainless Steel

60,000/90,000psi - 4.100/6.200 bar

20454351



Compression Spring - 0.72 x 0.105 x 1.50, Stainless Steel

60,000/90,000psi - 4.100/6.200 bar

For use on all NC KMT HP/UHP pneumatic actuators

05054119



Adapter, UHP Dump Valve - 90,000psi/6.200 bar

20451557



Adapter, HP Water Valve

60,000psi/4.100 bar

For use on all HP 3-port & quick release dump valves

49830904



Adapter, Tube/Pipe, 0.25 x 0.13 60,000psi/4.100bar

Used to connect air tube to solenoid valve on pneumatic valve/actuator assemblies. Replaces part 10077030

72149291



Coupling Pipe, 0.13 x 0.13 60,000psi/4.100 bar

Used to connect solenoid valve to actuator on pneumatic valve/actuator assemblies

10102226



NOZZLE TUBES

DESCRIPTION

(ALL DIMENSIONS ARE DIAMETER" x LENGTH")

PART No.

3/4", 90,000psi/6.200 bar, Valve Connection - IDE Connection (for use with Short Stop Filter)

0.75 x 3.50 / 1.9 x 8.89 cm, LH Thread

20487241

0.75 x 4.50 / 1.9 x 11.43 cm, LH Thread

20487249

0.75 x 5.75 / 1.9 x 14.60 cm, LH Thread

20487257

0.75 x 6.25 / 1.9 x 15.88 cm, LH Thread

20497106

0.75 x 9.75 / 1.9 x 24.77 cm, LH Thread

20487273



3/8", 60,000psi/4.100 bar, HP Connection - Nozzle Nut Connection (Extended Life)

0.38 x 2.56 / 0.97 x 6.50 cm

7219014145025

0.38 x 3.00 / 0.97 x 7.62 cm

7219014145030

0.38 x 4.00 / 0.97 x 10.16 cm

7219014145040

0.38 x 8.00 / 0.97 x 20.32 cm

7219014145080

0.38 x 9.00 / 0.97 x 22.86 cm

7219014145090

0.38 x 10.0 / 0.97 x 25.4 cm

7219014145100

0.38 x 11.0 / 0.97 x 27.94 cm

7219014145110

0.38 x 12.0 / 0.97 x 30.48 cm

7219014145120



NOZZLE TUBES

DESCRIPTION

(ALL DIMENSIONS ARE DIAMETER" x LENGTH")

PART No.

3/8", 60,000psi/4.100 bar, Valve Connection - HP Connection

0.38 x 4.0 / 0.97 x 10.16 cm

10138584

0.38 x 5.0 / 0.97 x 12.70 cm

10138592

0.38 x 6.0 / 0.97 x 15.24 cm

10138600

0.38 x 7.0 / 0.97 x 17.78 cm

10138618

0.38 x 8.0 / 0.97 x 20.32 cm

10138634

0.38 x 9.0 / 0.97 x 22.86 cm

10138642

0.38 x 10.0 / 0.97 x 25.40 cm

10138659



3/8", 60,000psi/4.100 bar, Valve Connection - Nozzle Nut Connection

0.38 x 3.0 / 0.97 x 10.16 cm

10181113

0.38 x 4.0 / 0.97 x 10.16 cm

10138402

0.38 x 5.0 / 0.97 x 12.70 cm

10138410

0.38 x 6.0 / 0.97 x 15.24 cm

10138428

0.38 x 7.0 / 0.97 x 17.78 cm

10138436

0.38 x 8.0 / 0.97 x 20.32 cm

10138444

0.38 x 9.0 / 0.97 x 22.86 cm

10138451

0.38 x 10.0 / 0.97 x 25.40 cm

10138469

0.38 x 11.0 / 0.97 x 27.94 cm

05136031

0.38 x 12.0 / 0.97 x 30.48 cm

05013735



3/8", 60,000psi/4.100 bar, HP Connection - Nozzle Nut Connection

0.38 x 3.0 / 0.97 x 7.62 cm

A22593

0.38 x 4.0 / 0.97 x 10.16 cm

A22594

0.38 x 5.0 / 0.97 x 12.70 cm

A22595

0.38 x 6.0 / 0.97 x 15.24 cm

A22596

0.38 x 8.0 / 0.97 x 20.32 cm

A2259800

0.38 x 10.0 / 0.97 x 25.40 cm

A225910

0.38 x 11.0 / 0.97 x 27.94 cm

A225911

0.38 x 12.0 / 0.97 x 30.48 cm

A225912



NOZZLE TUBES

DESCRIPTION

(ALL DIMENSIONS ARE DIAMETER" x LENGTH")

PART No.

9/16", 60,000psi/4.100 bar, Valve Connection - HP Connection

0.56 x 4.0 / 1.42 x 10.16 cm

10138667

0.56 x 5.0 / 1.42 x 12.70 cm

10138675

0.56 x 6.0 / 1.42 x 15.24 cm

10138683

0.56 x 7.0 / 1.42 x 17.78 cm

10138691

0.56 x 8.0 / 1.42 x 20.32 cm

10138709

0.56 x 9.0 / 1.42 x 22.86 cm

10138717

0.56 x 10.0 / 1.42 x 25.40 cm

10138725

0.56 x 11.0 / 1.42 x 27.94 cm

80074446



9/16", 60,000psi/4.100 bar, Valve Connection - Nozzle Nut Connection

0.56 x 4.0 / 1.42 x 10.16 cm

10138485

0.56 x 5.0 / 1.42 x 12.70 cm

10138493

0.56 x 6.0 / 1.42 x 15.24 cm

10138501

0.56 x 7.0 / 1.42 x 17.78 cm

10138519

0.56 x 8.0 / 1.42 x 20.32 cm

10138527

0.56 x 9.0 / 1.42 x 22.86 cm

10138535

0.56 x 10.0 / 1.42 x 25.40 cm

10181105

0.56 x 12.0 / 1.42 x 30.48 cm

10193100



3/4", 60,000psi/4.100 bar, Valve Connection - IDE Connection

0.75 x 3.75 / 1.91 x 9.53 cm, LH Thread

20489074

0.75 x 4.75 / 1.91 x 12.07 cm, LH Thread

20489092

0.75 x 5.75 / 1.91 x 14.60 cm, LH Thread

20455329

0.75 x 7.75 / 1.91 x 19.69 cm, LH Thread

20480977

0.75 x 8.75 / 1.91 x 22.23 cm, LH Thread

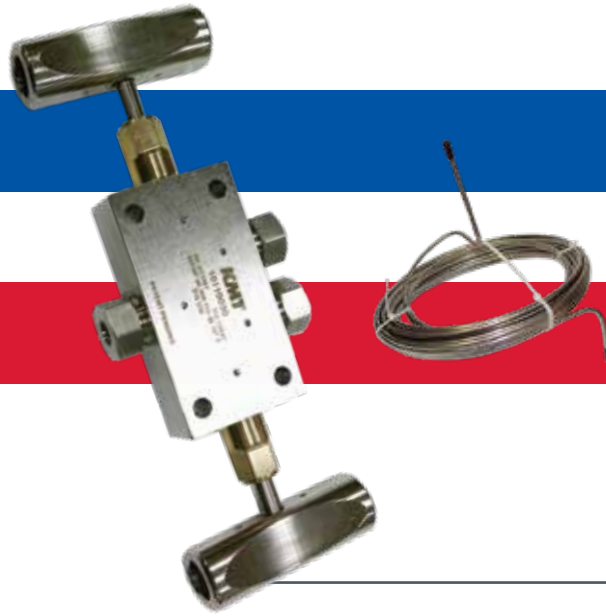
72101354

0.75 x 9.75 / 1.91 x 24.77 cm, LH Thread

20464647



HIGH PRESSURE FITTINGS & TUBING



High Pressure Fittings & Tubing

ULTRA-HIGH PRESSURE TUBING

DESCRIPTION

PART No.

Stainless Steel Tubing - 90,000psi/6.200 bar
Coned & Threaded - Up to 4' Lengths

0.25 x 0.083 x 3.02", HP160

20489761

0.25 x 0.083 x 4.0", HP160

20487975

0.25 x 0.083 x 7.625", HP160

72104402

0.38 x 0.125 x 4.0", HP160

20478649

0.38 x 0.125 x 4.81", HP160

20468830

0.38 x 0.125 x 48.0", HP160

20489107

0.56 x 0.188 x 4.25", HP160

20493999

0.56 x 0.188 x 6.38", HP160

72103733

0.56 x 0.188 x 8.93", HP160

72103386

0.56 x 0.188 x 14.49", HP160

72103361

0.56 x 0.188 x 17.22", HP160

72103379

0.56 x 0.188 x 36.0", HP160

72108319

Coned & Threaded - 20' Length,
90,000psi/6.200 bar

0.25 x 0.083 x 240.0", HP160

20478751

0.38 x 0.083 x 240.0", HP160

20489115

0.56 x 0.083 x 240.0", HP160

72103535

Ultra-high Pressure Tubes sold by the inch
90,000psi/6.200 bar

0.25

20455383

0.38

20455386

0.56

20455389



HIGH PRESSURE TUBING

DESCRIPTION

PART No.

Stainless Steel Tubing - 60,000psi/4.100 bar
Coned & Threaded - Up to 8' Lengths

0.25 x 0.083 x 4.0", 316

10105880

0.25 x 0.083 x 6.0", 316

10103018

0.25 x 0.083 x 8.0", 316

80070519

0.38 x 0.125 x 3.0", 316

10094704

0.38 x 0.125 x 4.0", 316

10105443

0.38 x 0.125 x 5.0", 316

10090280

0.56 x 0.188 x 4.0", 316

10069326

0.56 x 0.188 x 4.97", 316

05112057

Coned & Threaded - 20' Length
60,000psi/4.100 bar

0.25 x 0.083 x 240.0", 316

10094191

0.38 x 0.083 x 240.0", 316

10094183

0.56 x 0.083 x 240.0", 316

10094175

HP Tubes. Sold by the inch
60,000psi/4.100 bar

0.25

10064376

0.38

10064665

0.56

10061190



HP TUBING - ACCESSORIES

DESCRIPTION

PART No.

Hose - Ferrule - 60,000psi/4.100 bar

0.25 x 0.265 x 0.718, Brass

20422970

0.38 x 0.265 x 0.718, Brass

10083897

0.56 x 0.265 x 0.718, Brass

05131347

Conduit - Extra Flexible - 60,000psi/4.100 bar Sold by the inch

0.25, Stainless steel

20422988

0.38, Stainless steel

10186153

0.56, Stainless steel

05086905

HP & UHP stainless steel bent tubing is intensifier model specific. Please contact your local KMT representative for ordering assistance. 60,000/90,000psi-4.100/6.200 bar

HP & UHP stainless steel coils are robot specific. Please contact your local KMT representative for ordering assistance. 60,000/90,000psi-4.100/6.200 bar



HP FITTINGS

DESCRIPTION

PART No.

**UHP Stainless Steel Coupling Assembly,
90,000psi/6.200 bar**

0.25 x 0.25

20477023

0.38 x 0.25

20477738

0.38 x 0.38

20477660

0.56 x 0.25

20477730

0.56 x 0.38

20477709

0.56 x 0.56

20477685



**HP Stainless Steel Coupling Assembly,
60,000psi/4.100 bar**

0.25 x 0.25

10079028

0.38 x 0.25

10079614

0.38 x 0.38

10078905

0.56 x 0.25

10078145

0.56 x 0.38

10079531

0.56 x 0.56

10078640



**UHP Stainless Steel Elbow Assembly,
90,000psi/6.200 bar**

0.25

20455821

0.38

20455809

0.56

20455377



**HP Stainless Steel Elbow Assembly,
60,000psi/4.100 bar**

0.25

10079051

0.38

10078780

0.56

10078525



HP FITTINGS

DESCRIPTION	PART No.
■ UHP Stainless Steel Tee Assembly, 90,000psi/6.200 bar	
0.25	20455824
0.38	20455812
0.56	20455374
■ HP Stainless Steel Tee Assembly, 60,000psi/4.100 bar	
0.25	10079481
0.38	10078590
0.56	10079465
■ UHP Stainless Steel Cross Assembly, 90,000psi/6.200 bar	
0.25	20452971
0.38	20452968
0.56	20453115
■ HP Stainless Steel Cross Assembly, 60,000psi/4.100 bar	
0.25	10097228
0.38	10078038
0.56	10079168



HP FITTINGS

DESCRIPTION

PART No.

UHP Stainless Steel Bushing Assembly, 90,000psi/6.200 bar

0.38 F x 0.25 M

72133175

0.38 M x 0.25 F

72133224

0.56 F x 0.25 M

72133183

0.56 M x 0.25 F

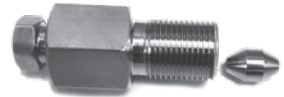
72133232

0.56 F x 0.38 M

72133209

0.56 M x 0.38 F

72133250



HP Stainless Steel Bushing Assembly, 60,000psi/4.100 bar

0.38 M x 0.25 F

10079432

0.38 F x 0.25 M

10079473

0.56 M x 0.25 F

10079580

0.56 F x 0.25 M

10079424

0.56 M x 0.38 F

10079457

0.56 F x 0.38 M

10079655



UHP Stainless Steel Collar 90,000psi/6.200 bar

0.25

20452959

0.38

20452965

0.56

20453124



HP Stainless Steel Collar 60,000psi/4.100 bar

0.25

10078426

0.38

10078715

0.56

10079119



HP FITTINGS

DESCRIPTION	PART No.
■ UHP Stainless Steel Gland 90,000psi/6.200 bar	
0.25	20452962
0.38	20452956
0.56	20453121
■ HP Stainless Steel Gland 60,000psi/4.100 bar	
0.25	10078459
Anti-Vibration, 0.25	10078699
0.38	10078129
Anti-Vibration, 0.38	10078913
0.56	10078608
Anti-Vibration, 0.56	10093573
■ UHP Stainless Steel Adapter Cone, 90,000psi/6.200 bar	
0.25	72133266
0.38	72122072
0.56	72133349
■ HP Stainless Steel Adapter Cone, 60,000psi/4.100 bar	
0.25	10116333
0.38	10078509
0.56	10079291



HP FITTINGS

DESCRIPTION

PART No.

**UHP Stainless Steel Plug,
90,000psi/6.200 bar**

0.25

20453130

0.38

20453136

0.56

20453127



**HP Stainless Steel Plug,
60,000psi/4.100 bar**

0.25

10078244

0.38

10079523

0.56

10078772



**UHP Stainless Steel Hand Valve, Straight,
90,000psi/6.200 bar**

0.25

20467981

0.38

20468568

0.56

20468014



**HP Stainless Steel Hand Valve, Straight,
60,000psi/4.100 bar**

0.25

10079259

0.38

10078863

0.56

10078889



HP FITTINGS

DESCRIPTION

PART No.

**UHP Stainless Steel Hand Valve, 90 degree,
90,000psi/6.200 bar**

0.25

20468610

0.38

20468593

0.56

20477836

**HP Stainless Steel Hand Valve, 90 degree,
60,000psi/4.100 bar**

0.25

10079002

0.38

10078749

0.56

10079275

**HP Stainless Steel Valve Assembly, 3-Way,
1 Press, 0.38, 2 Stem
60,000psi/4.100 bar**

10119030



CHECK VALVE ASSEMBLIES

DESCRIPTION

PART No.

Poppet Check Valve PRO Assembly
90,000psi/6.200 bar

0.38

20477619

0.56

20455911

Repair Kit

72135447



Poppet Check Valve Assembly
60,000psi/4.100 bar

0.25

80073885

0.38

05149182

0.56

05113972



Cutting Heads



Diamond Orifices



Fittings & Tubing



Valve Repair Kits

KMT Genuine Parts are manufactured in the USA to the exact standards as the original parts found on new KMT pumps. The use of inferior imitation parts will void warranty coverage, compromises safety & may result in reduced component lifetime.

BEWARE of websites that use the KMT logo to imply their parts are manufactured by KMT, but are not KMT Genuine Parts.

INLINE WATER FILTERS

DESCRIPTION

Filter Element UHP Water Filter Assembly

90,000psi/6.200 bar
Sintered Cup, 20 Micron.
For use with UHP Filter Assembly 20475916 &
20475944

Filter Element UHP Water Filter Assembly

90,000psi/6.200 bar
Sintered Cup, 20 Micron.
For use with UHP Filter Assembly 20481026 &
20480940

Filter Element - HP Water Filter Assembly

60,000psi/4.100 bar
0.25, Sintered Cup, 20 Micron.
For use with HP Filter Assembly 05114137

Filter Element - HP Water Filter Assembly

60,000psi/4.100 bar
.38, Sintered Cup, 20 Micron.
For use with HP Filter Assembly 49863715

Filter Element - HP Water Filter Assembly

60,000psi/4.100 bar
0.56, Sintered Cup, 20 Micron.
For use with HP Filter Assembly BF103473
Utilizes 10074599 o-ring, sold separately.

PART No.

20453553



20456913



05110531



SKJA266



AF503473



HP WATER FILTER ASSEMBLIES

DESCRIPTION

PART No.

UHP Water Filter Assembly - Inline

90,000psi/6,200 bar
Small

0.25, Stainless Steel

20481026

0.38, Stainless Steel

20480940



UHP Water Filter Assembly - Inline

90,000psi/6,200 bar
Large

0.38, Stainless Steel

20475916

0.56, Stainless Steel

20475944



HP Water Filter Assembly - Inline

60,000psi/4,100 bar
0.25, 20 Micron, Stainless Steel

05114137



HP Water Filter Assembly - Inline

60,000psi/4,100 bar
0.38, 20 Micron, Stainless Steel

CJ200988



HP Water Filter Assembly - Inline

60,000psi/4,100 bar
0.56, 20 Micron, Stainless Steel

BF103473



Bayonet Nipple - HP Water Filter

60,000psi/4,100 bar
0.38 - For use in HP Filter Assembly 49863715

SKJA287



SWIVEL JOINTS

	DESCRIPTION	PART No.
■	UHP, Straight, 0.25, F/F Connections 90,000psi/6.200 bar	20477623
■	UHP, Straight, 0.25 F/M Connections 90,000psi/6.200 bar	20490851
■	UHP, 90°, 0.25 F/M Connections 90,000psi/6.200 bar	72108129
■	UHP, 90°, 0.25 F/F Connections 90,000psi/6.200 bar	20491098
■	HP, 90°, 0.25 F/F Connections 60,000psi/4.100 bar	CJ218188
■	HP, 90°, 0.25 M/F Connections 60,000psi/4.100 bar	CJ201288
■	HP, 90°, 0.38 M/F Connections 60,000psi/4.100 bar	10134682



SWIVEL JOINTS - CAP ASSEMBLIES

■	Cap Assembly, 0.25/0.38, M/F 60,000psi/4.100 bar	BJ701288
■	Cap Assembly, 0.25, F/F 60,000psi/4.100 bar	CJ418088



SWIVEL JOINTS - STRAIGHT BODIES

DESCRIPTION

PART No.

UHP Body - Straight, 0.25 Connections
90,000psi/6,200 bar

20486976

HP Body - Straight, 0.25 Connections
60,000psi/4,100 bar

CJ211388

HP Body - Straight, 0.38 Connections
60,000psi/4,100 bar

10134716*



SWIVEL JOINTS - STRAIGHTS

UHP Spindle - 0.25 F
90,000psi/6,200 bar

20486952

UHP Spindle - 0.25 M
90,000psi/6,200 bar

20490843

HP Spindle - 0.25 F
60,000psi/4,100 bar

CJ318088

HP Spindle - 0.25 M
60,000psi/4,100 bar

CJ201288

HP Spindle - 0.38 M
60,000psi/4,100 bar

49899602



SWIVEL JOINTS - STRAIGHTS

DESCRIPTION

UHP, Straight, 0.25 F/F Connections
90,000psi/6.200 bar

UHP, Straight, 0.25 F/M Connections
90,000psi/6.200 bar

HP, Straight, 0.25 F/F Connections
60,000psi/4.100 bar

HP, Straight, 0.25 M/F Connections
60,000psi/4.100 bar

HP, Straight, 0.38 M/F Connections
60,000psi/4.100 bar

PART No.

20477623

20490851

CJ218088

CJ211388

10134708



90 DEGREE BODIES

DESCRIPTION

UHP Body - 90°, 0.25 Connections
90,000psi/6.200 bar

**HP Body - 90°,
0.56 x 0.25 M/F Connections**
60,000psi/4.100 bar

**HP Body - 90°
0.38 x 0.38 M/F Connections**
60,000psi/4.100 bar

PART No.

20490859

DJ301288

10134690



BUSHINGS

Bushing, 0.25/0.38 Connection
60,000psi/4.100 bar

CJ401288



SEAL ASSEMBLIES

DESCRIPTION

Thrust Bearing , 0.25 Connections
90,000psi/6.200 bar

Thrust Bearing 0.25/0.38 Connection
60,000psi/4.100 bar

PART No.

20475956

10084713



SEAL ASSEMBLIES

DESCRIPTION

Seal Assembly, 0.25 Connections
90,000psi/6.200 bar

Seal Assembly, 0.25/0.38 Connection
60,000psi/4.100 bar

Clamp Collar, 0.25, F/F Connection
60,000psi/4.100 bar

Thrust Washer, 0.25/0.38 Connections
60,000psi/4.100 bar

PART No.

20487002

BJ201388

10154680

10094647



REPAIR & TOOL KITS

DESCRIPTION

PART No.

Repair Kit -UHP Swivel Joint Assembly, 0.25/0.38 Connections

72129713

90,000psi/6.200 bar

Kit includes seal assembly, thrust bearing and washer, and setscrew required to service all UHP swivel joint assemblies



Tool Kit - UHP Swivel Joint Assembly

20488720

90,000psi/6.200 bar

Kit includes maintenance tools and lubricants required to repair any UHP swivel joint assembly



Repair Kit - HP Swivel Joint Assembly, 0.25/0.38 Connections

05116009

60,000psi/4.100 bar

Kit includes seal assembly, thrust bearing and washer, and setscrew required to service all HP swivel joint assemblies



CONING & THREADING TOOL KITS

DESCRIPTION

PART No.



Tool Kit - Hand Threading & Power Coning Tools

60,000/90,000psi-4.100/6.200 bar

Kit includes 0.25, 0.38 and 0.56 power coning & hand threading tool

20454198



Tool Kit - Power Coning/Threading Tools

60,000/90,000psi-4.100/6.200 bar

Kit includes 0.25, 0.38 and 0.56 power coning & power threading tool

20454201



The KMT Waterjet Genuine Service team offers 360° Assured Preventive Programs to keep your KMT pump operating at peak performance so you can focus on your business.



THREADING TOOL ASSEMBLIES

DESCRIPTION

Tool Assemblies include 4 oz. Coning Lubricant

PART No.

Hand Threading Tool Assemblies, 60,000/90,000psi-4.100/6.200 bar

0.25

05108865

0.38

05108857

0.56

05108840

Power Threading Tool Assemblies, 60,000/90,000psi-4.100/6.200 bar

0.25

05122742

0.38

05120258



CONING & THREADING

Blade, 60,000/90,000psi-4.100/6.200 bar

0.25, Hand or Power, Coning

05108808

0.38, Hand or Power, Coning

05108824

0.56, Hand or Power, Coning

05108816

Retainer, 60,000/90,000psi-4.100/6.200 bar

0.25, Hand or Power, Bronze, Threading

05108741

0.38, Hand or Power, Bronze, Threading

05108758

0.56, Hand or Power, Bronze, Threading

05108766

Retainer, 60,000/90,000psi-4.100/6.200 bar

0.25, Power, Bronze, Coning

05109814

0.38, Power, Bronze, Coning

05109822

0.56, Power, Bronze, Coning

05109830

Tube Vise, 60,000/90,000psi-4.100/6.200 bar

0.25

05108782

0.38

05108790

0.56

05108774



CONING & THREADING

DESCRIPTION

PART No.



Threading Die, 60,000/90,000psi-4.100/6.200 bar

1/4-28 LH, 0.25, Hand or Power

05108899

3/8-24 LH, 0.38, Hand or Power

05108915

9/16-18 LH, 0.56, Hand or Power

10078301



Collet, 60,000/90,000psi-4.100/6.200 bar

0.25, Hand Coning, Stainless Steel

05108972

0.38, Hand Coning, Stainless Steel

05108964

0.56, Hand Coning, Stainless Steel

20439964

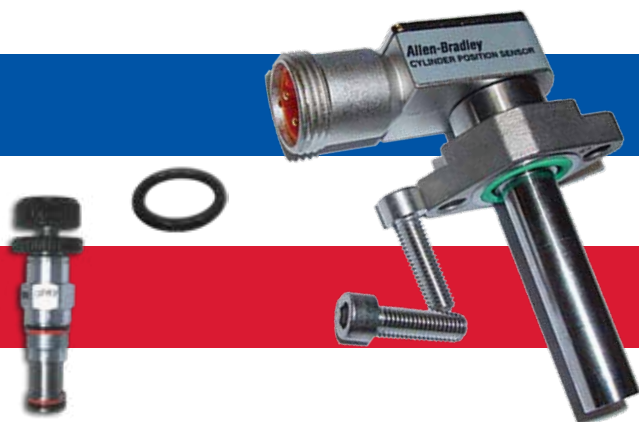


Over 50% of the waterjet operating cost is purchasing abrasive garnet.

Powering up to 90,000psi will lower your abrasive usage by 50%, increase your cutting efficiency by over 50%, and reduce electrical



MISCELLANEOUS PARTS & SUPPLIES



Miscellaneous Parts & Supplies

LP WATER FILTER COMPONENTS

DESCRIPTION

PART No.

 **Filter Element, LP Water, 10.0 long, polypropylene
60,000psi/4.100 bar**

10 micron

10106722

40 micron

10100782



 **Filter Element, LP Water 10 micron, 20.0 long,
polypropylene, 60,000/90,000psi-4.100/6.200 bar**
Used on all SL-VI (PRO) units

72125264



 **Filter Element, LP Water 10 micron, 20.0 long,
polypropylene, 60,000/90,000psi-4.100/6.200 bar**

Used on all SL-V, PRO-I and PRO-2 units

49834716



 **Filter Housing Assembly, LP Water 0.75 FNPT
connection, stainless steel, manual relief valve,
60,000/90,000psi-4.100/6.200 bar**

Uses Part Number 72125264 Filter Element

72155272



 **Filter Housing Assembly - LP Water,
0.75 FNPT connections, stainless steel, manual
relief valve, 60,000/90,000psi-4.100/6.200 bar**

Uses Part Number 49834716 Filter Element
Replaces Part #05038690

72118339



 **Filter Strainer, 50 NPTF, 40 Mesh, polypropylene
60,000/90,000psi-4.100/6.200 bar**

20412815



HYDRAULIC OIL FILTER COMPONENTS

 **Hydraulic, 6 micron, 4.0 long, spin on,
60,000/90,000psi-4.100/6.200 bar**

For 15 to 60 horsepower units

05049689



 **Hydraulic, 10 micron, 9.40 long, spin on,
60,000/90,000psi-4.100/6.200 bar**

For 75 to 200 horsepower units

05104187



O-RINGS FOR SEALING HEADS

DESCRIPTION

PART No.

O-Ring - 131, 1.69 x 1.88 x 0.09, Buna-N, D-70

90,000psi/6.200 bar

Used on all PRO-I units,
Used on sealing head 20480113

10146082



O-Ring, Metric, 3MM x 1XX, Buna-N, D-70

60,000psi/4.100 bar

Used on SL-IV units
Used on sealing head 05116769

05049853



O-RINGS FOR PNEUMATIC VALVES

O-Ring - 035, 2.25 x 2.38 x 0.06, Viton, D-75

Used on all 60,000/90,000psi-4.100/6.200 bar
N/O pneumatic actuator assemblies

10074565



O-Ring - 143, 2.44 x 2.63 x 0.09, Viton, D-75

Used on all 60,000/90,000psi-4.100/6.200 bar
N/O pneumatic actuator assemblies

10074714



O-Ring - 038, 2.63 x 2.75 x 0.06, Viton, D-70

Used on all 60,000/90,000psi-4.100/6.200 bar
N/C pneumatic actuator assemblies

10177806



O-Ring - 044, 0.08 x 0.20 x 0.06, Viton, D-75

Used on all 60,000/90,000psi-4.100/6.200 bar
N/C pneumatic valve assemblies

49895584



O-RINGS FOR TOPWORKS

DESCRIPTION

PART No.



**O-Ring - 344, 3.88 x 4.25 x 0.19,
Buna-N, D-90A**

90,000psi/6.200 bar

Used on all PRO-III units
Used on hydraulic cylinder head

72176756



**O-Ring - 115, 0.69 x 0.88 x 0.09,
Buna-N, D-70**

90,000psi/6.200 bar

Used on the proximity switch of all PRO units

05144191



**O-Ring - 218, 1.25 x 1.50 x 0.13, Polyurethane,
D-70, 60,000/90,000psi-4.100/6.200 bar**

Used on all hydraulic piston assemblies

05087713



**O-Ring - 252, 5.25 x 0.5 x 0.13,
Viton, D-75, 60,000/90,000psi-4.100/6.200 bar**

Used on all SL-V and SL-VI (PRO) units with a 75
(PRO: 60) to 200 horsepower rating
Used on hydraulic cylinder head

10074771



**O-Ring - 132, 1.75 x 1.94 x 0.09,
Buna-N, D-70**

60,000psi/4.100 bar

Used on all SL-V, SL-VI and NL-I units
O-Ring for LP water inlet

10074920



**O-Ring - 214, 1.0 x 1.25 x 0.13,
Buna-N, D-70**

60,000psi/4.100 bar

Used on all OEM 50 units and all SL-V and NL-I units
with a 15 to 60 horsepower rating
Used on intensifier support

10074409



O-RINGS FOR TOPWORKS

DESCRIPTION

**O-Ring - 240, 3.75 x 4.0 x 0.13,
Buna-N, D-70. 60,000psi/4.100 bar**

Used on all SL-IV, SL-V, SL-VI and NL-I units with a 15
to 60 horsepower rating
Used on hydraulic cylinder head

PART No.

10075000



**O-Ring - 129, 1.56 x 1.75 x 0.09,
Buna-N, D-70. 60,000psi/4.100 bar**

Used on all SL-IV units
O-Ring for LP water inlet

10074904



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We specialize in the design & manufacturing of waterjet
cutting pumps & technology and are dedicated to helping
our customers grow & accelerate their businesses.



O-RINGS FOR CUTTING HEADS

DESCRIPTION

PART No.



O-Ring - 012, 0.38 x 0.50 x 0.06, Buna-N, D-70. 90,000psi/6.200 bar
Used on wear insert for AUTOLINE PRO cutting head assemblies

05077078



O-Ring - 011, 0.31 x 0.44 x 0.06, Aflas, D-70
AUTOLINE II & AUTOLINE PRO cutting head assemblies, **60,000/90,000psi-4.100/6.200 bar pumps**. Used in wear insert 20453064

20445476



O-Ring - 018, 0.75 x 0.88, Polyurethane, D-70. 90,000psi/6.200 bar
AUTOLINE PRO cutting head assemblies
Used in cap 20480732

05142286



O-Ring, 0.69 x 0.81 x 0.06
AUTOLINE II & AUTOLINE PRO cutting head assemblies, **60,000/90,000psi-4.100/6.200 bar pumps**
Used in nozzle body 20480715 & 20453958

05138821



O-Ring - 013, 0.44 x 0.56 x 0.06, Buna-N, D-70
Used on Abrasive Inlet Adapter
Used on IDE II & IDE PRO cutting heads
60,000/90,000psi-4.100/6.200 bar pumps

10074870



O-Ring - 012, 0.38 x 0.50 x 0.06, Polyurethane, D-70. 60,000psi/4.100 bar
Used on AUTOLINE I & AUTOLINE II cutting head assemblies
Used in cap 20453952 & 05076971
60,000psi/4.100pumps

05081518



O-Ring - 016, 0.63 x 0.75 x 0.06, Polyurethane, D-70. 60,000psi/4.100 bar
Used on AUTOLINE I cutting head assemblies
Used in nozzle body 05073820

05092887



O-Ring - 014, 0.50 x 0.63 x 0.06, Polyurethane, D-70. 60,000psi/4.100 bar
Used on AUTOLINE I cutting head assemblies

05104930



O-RINGS FOR INLINE FILTERS

DESCRIPTION

PART No.



O-Ring - 012, 0.38 x 0.50 x 0.06, Viton, D-75. 60,000psi/4.100 bar

Used in 49893555 Filter Assembly

10074599



BOOSTER PUMPS



Booster Pump, Stainless Steel, CW ROT

200psi/14 bar, 1.33 gpm. 90,000psi/6.200 bar
Used on PRO units with a 60 horsepower rating

20481206



115psi/8 bar, 3.13 gpm
Used on all SL-V 60,000psi and PRO 90,000psi units with a 75 to 125 horsepower rating

49836778



200psi/14 bar, 1.33 gpm
Used on all SL-V 60,000psi units with a 15 to 60 horsepower rating

49887094



200psi/14 bar, 1.33 gpm
Used on all SL-V 60,000psi units with a 15 to 60 horsepower rating and temperature probe

05071659



HOSES



Polyurethane Tubing - 0.38, Clear

60,000/90,000psi-4.100/6.200 bar

49885361



Push-on Hose - 0.50, 290psi/20 bar, Blue

60,000/90,000psi-4.100/6.200 bar

20421272



PVC Tubing - 0.50 x 0.748, Reinforced, Static-free

60,000/90,000psi-4.100/6.200 bar

05076963



Flexible Tubing - 0.50, Nylon

60,000/90,000psi-4.100/6.200 bar

05044532



All dimensions in inch unless specified otherwise.

Order online 24/7: kmtgenuineparts.com

GAUGES

DESCRIPTION

Pressure Gauge - 0-15,000psi/0-10.300 bar

0.38 HP, Flush Mount, 6" Face, Glycerin filled
For use on 90,000psi/6.200 bar pumps
Requires 20464745 Adapter

Pressure Gauge - 0-20psi/0-14 bar. Used on 60,000/90,000psi-4.100/6.200 bar pumps

0.25 NPT, back mount, Stainless Steel

Pressure Gauge - 0-5,000psi/0-350 bar

0.25 bottom mount. For use on 60,000psi/4.100 bar pumps
For 0.88 plungers, SL-IV and SL-V 60,000psi/4.100 bar pumps

Pressure Gauge -0-100,000psi/ 0-6.900 bar

0.25 HP, 4.25" Face, bottom mount. For use on 60,000psi/4.100 bar pumps
For use on 60,000psi/4.100 bar pumps

Pressure Gauge - 0-100,000psi/ 0-6.900 bar, 60,000psi/4.100 bar pumps

0.25 HP, Bottom Mount. 6" Face, Glycerin filled
For use on 60,000psi/4.100 bar pumps

PART No.

20467883



05139506



05045497



20443831



05125836

ELECTRICAL COMPONENTS

DESCRIPTION	PART No.
 Solenoid Valve - 24V DC 60,000psi/4.100 bar .13, 2-3 Way, 2 Pos	49888035
 Output Module - Single Point 60,000/90,000psi-4.100/6.200 bar 24V DC, 3 amp	10146363
 Inlet Pressure Switch, 2 bar 60,000/90,000psi-4.100/6.200 bar Stainless Steel	05140751
 Valve Proportional Pressure Control 60,000/90,000psi-4.100/6.200 bar	80071087
 Proportional Control Assembly Kit 60,000/90,000psi-4.100/6.200 bar Including Valve (80071087) and installation material	05121987
 Directional Control Valve - Electric 24V DC, D03, 4-way, 60,000psi/4.100 bar	05017553
 Directional Control Valve Assembly, 24V DC, D08, 0.055 orifice For SL-IV & SL-V 60,000psi/4.100 bar - 30, 50, 60 horsepower intensifiers	20437164
 Knob Adjuster 60,000psi/4.100 bar. Used on all Hydraulic Cartridge Valve Assemblies Pressure Relief, 1.7-207 bar, SL-V, Classic and OEM units	10187052
 Water Modulating Valve, 60,000psi/4.100 bar	10091866



LIGHT BULBS

DESCRIPTION



Light Bulb 24V, 2.0 Watt

60,000/90,000psi-4.100/6.200 bar. For use with Klockner Moeller Switches



Light Bulb 24V AC/DC

60,000/90,000psi-4.100/6.200 bar

For AB 800F

PART No.

05050216



20484737



PRESSURE TRANSDUCERS



UHP Pressure Transducer

0-90,000psi/0-6.200 bar



Pressure Transducer

0-75,000psi/0-5.200 bar



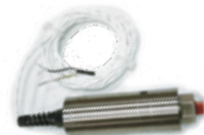
PICO Fuse- Input/Output

60,000/90,000psi-4.100/6.200 bar

20478335



49838478



49885866



TOPWORKS TOOLS

	DESCRIPTION	PART No.
	Hydraulic Tensioner Assembly, PRO Intensifier 90,000psi/6.200 bar	20476132
	Cylinder Clamp, PRO Intensifier 90,000psi/6.200 bar	20476495
	Vee Block Cradle 60,000/90,000psi-4.100/6.200 bar	20484961
	HP Seal Removal Tool	
	0.88 Plunger, 60,000/90,000psi-4.100/6.200 bar	10148674
	1.13 Plunger, 60,000psi/4.100 bar	05146618
	Plunger Removal Tool	
	0.88 Plunger, 60,000/90,000psi-4.100/6.200 bar	20477460
	1.13 Plunger, 60,000psi/4.100 bar	20477469
	Plate Glass Pane 8.0 x 8.0 x 0.25	10149052
	Emery Cloth 320 Grit, 9.0 x 11.0	10149029
	400 Grit, 9.0 x 11.0	10149037
	600 Grit, 9.0 x 11.0	10149045



TOPWORKS TOOLS

DESCRIPTION

PART No.

Cylinder Wrench

90,000psi/6,200 bar - PRO 2 Units

20490232

Cylinder Wrench

60,000psi/4,100 bar

05066139

Crowfoot Wrench - 60,000psi/4,100 bar

1.625, 0.38 drive

20477489

HP Seal Removal Tool Stand

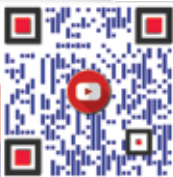
60,000psi/4,100 bar

80078330

End Cap Wrench

60,000psi/4,100 bar, 6x/8x, HSEC

80079239



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CUTTING VIDEOS**
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LUBRICANTS

DESCRIPTION

60,000/90,000psi-4.100/6.200 bar Pumps

PART No.



Pure Goop Thread Lubricant

1.0 pound

05026281



Pure Goop Thread Lubricant

1.0 ounce

10084440



NLGI-2 Swivel Grease

14.0 ounce

10067189



FML-2 Grease - FDA Approved

14.5 ounce

10087385



Super-O-Lube O-Ring Grease

0.07 ounce

20485968



Threadlocker Adhesive

242, 0.50 ML

20487868



Threadlocker Primer

1.75 ounce

20494983



JL-M Thread Lubricant

16.0 ounce

49832199



Loctite Thread Lubricant

8.0 ounce

1011919



■ Denotes 60,000psi/4.100 bar

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