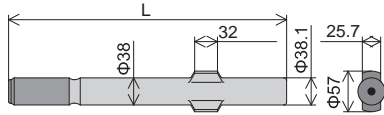


SHANK ADAPTER

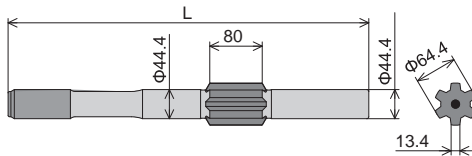
ATLAS COPCO

BBC 54, BBC 120



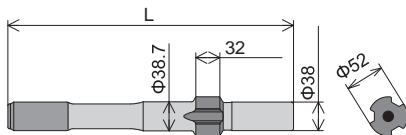
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|------------------|
| R32 | 380 | 10 | 3.1 | S32R32CBC |
| T38 | 390 | 10 | 3.3 | S32M38BD |
| R38 | 390 | 10 | 3.3 | S32R38DBD |

BBE 57



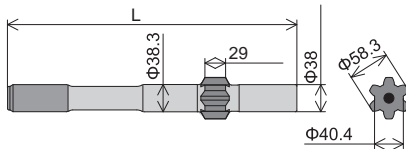
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|-----------------|
| R38 | 447 | 14 | 5.0 | S58R38AB |
| T38 | 537 | 14 | 5.8 | S58M38AD |
| T45 | 550 | 14 | 7.0 | S58M45AE |

COP 125, COP 130, COP 131



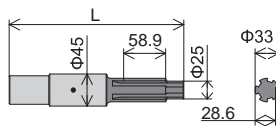
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|------------------|
| R32 | 380 | 14 | 2.7 | S64R32CAA |
| T38 | 380 | 14 | 2.9 | S64M38AA |
| T45 | 380 | 14 | 3.9 | S64M45AA |

COP 131EB



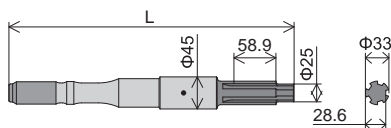
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|------------------|
| T38 | 405 | 14 | 3.3 | S190M38AA |

COP 1028 Female thread



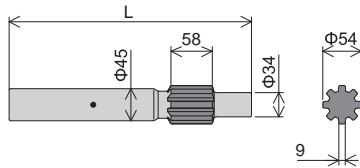
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R25F | 245 | SF | 1.8 | S100R25FSFB |
| R28F | 245 | SF | 1.7 | S100R28FSFB |

COP 1028



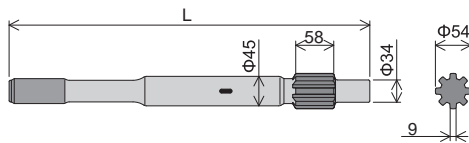
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R28 | 400 | SF | 2.8 | S100R28SFA |
| R32 | 400 | SF | 3.0 | S100R32CSFA |

COP 1032 Female thread



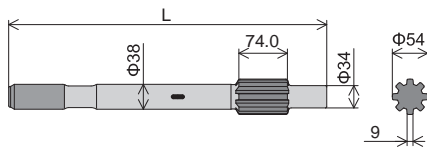
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|-------------------|
| R28F | 340 | SF | 3.4 | S87R28FSFA |
| R32F | 340 | SF | 3.6 | S87R32FSFA |

COP 1032



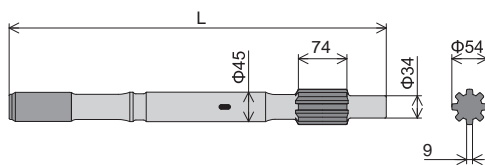
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|------------------|
| R28 | 550 | SF | 4.8 | S87R28SFD |
| R32 | 550 | SF | 5.0 | S87R32SFD |
| T38 | 550 | SF | 5.3 | S87M38SFD |

COP 1036, COP 1038, COP 1238



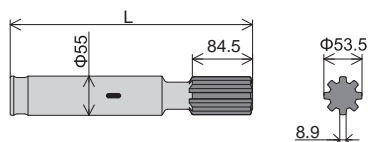
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R32 | 485 | SF | 4.0 | S80R32SFB |
| R38 | 485 | SF | 4.3 | S80R38SFB |
| T38 | 485 | SF | 4.3 | S80M38SFB |
| R32 | 500 | SF | 4.1 | S80R32CSFCG |
| T38 | 500 | SF | 4.4 | S80M38SFC |
| R32 | 575 | SF | 4.7 | S80R32SFEGZ |
| R38 | 575 | SF | 5.0 | S80R38SFEGZ |
| T38 | 575 | SF | 5.0 | S80M38SFEGZ |

COP 1036, COP 1038, COP 1238



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|---------------------|
| R32 | 575 | SF | 5.2 | S80R32ZSFEGZ |
| R38 | 575 | SF | 5.5 | S80R38ZSFEGZ |
| T38 | 575 | SF | 5.5 | S80M38ZSFEGZ |
| T45 | 575 | SF | 6.5 | S80M45SFEGZ |

COP 1432, COP 1532 Female thread

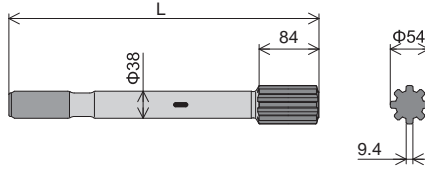


| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R32F | 340 | SF | 4.3 | S285R32FSFA |
| R38F | 340 | SF | 4.5 | S285R38FSFA |

SHANK ADAPTER

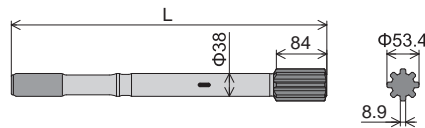
ATLAS COPCO

COP 1440, COP 1550, COP 1638, COP 1838, COP 2238



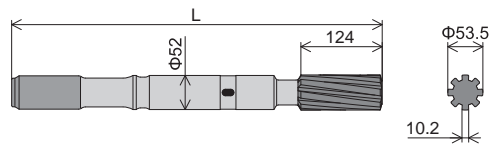
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| R32 | 435 | SF | 3.8 | S48R32SFAG |
| R38 | 435 | SF | 4.0 | S48R38SFAG |
| T38 | 435 | SF | 4.0 | S48M38SFAG |
| R32 | 525 | SF | 4.3 | S48R32SFBG |
| R38 | 525 | SF | 4.5 | S48R38SFBG |
| T38 | 525 | SF | 4.5 | S48M38SFBG |

COP 1638, COP 1838AW



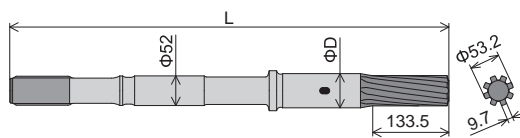
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| R32 | 525 | SF | 4.3 | S316R32SFA |
| T38 | 525 | SF | 4.5 | S316M38SFA |

COP 1840



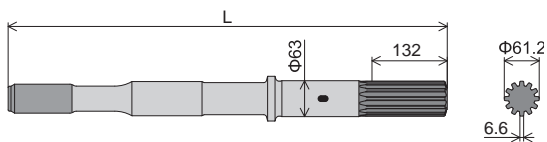
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T45 | 565 | SF | 5.8 | S293M45SFA |
| T51 | 565 | SF | 7.3 | S293M51SFA |

COP 1840 Extractor, 2150 Extractor, 2550 Extractor



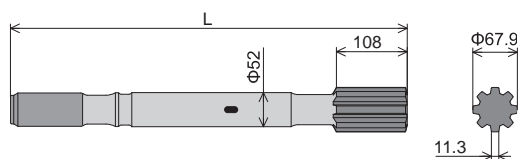
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T45 | 770 | SF | 11.2 | S301M45SFAG |
| T51 | 770 | SF | 12.7 | S301M51SFAG |

COP 2160 Extractor, COP 2560 Extractor



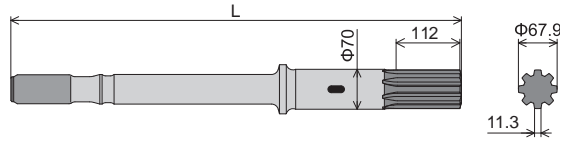
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T45 | 770 | SF | 13.1 | S312M45SFA |
| T51 | 770 | SF | 14.6 | S312M51SFA |

COP 4050 (L)



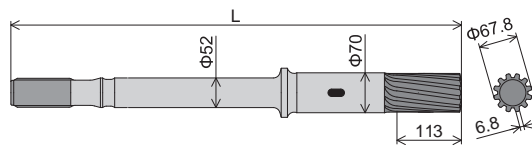
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T51 | 605 | SF | 9.3 | S334M51SFA |

COP 4050 Extractor



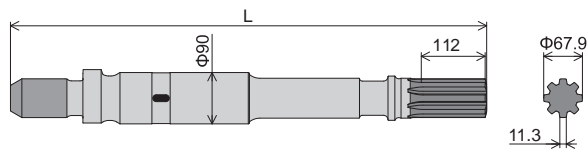
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| T51 | 790 | SF | 16.0 | S343M51SFAG |

COP 4050 Extractor



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| T51 | 790 | SF | 15.0 | S299M51SFAG |

COP 4050MUX

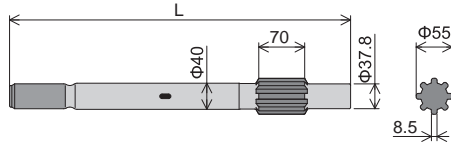


| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|---------------------|
| ST58 | 835 | SF | 26.0 | S284WD58SFAG |
| ST68 | 835 | SF | 27.0 | S284WD68SFAG |

SHANK ADAPTER

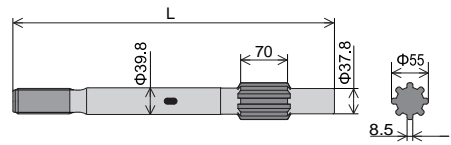
FURUKAWA

HD 150



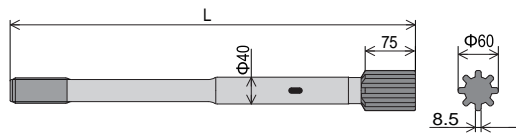
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R38 | 520 | SF | 5.0 | S110R38SFAG |
| T38 | 520 | SF | 5.0 | S110M38SFAG |

HD 190



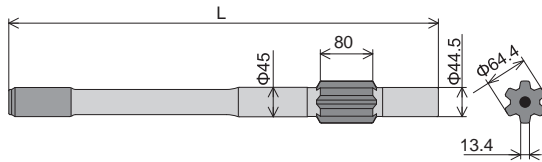
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R38 | 480 | SF | 4.6 | S166R38SFAG |
| T38 | 480 | SF | 4.6 | S166M38SFAG |

HD 210



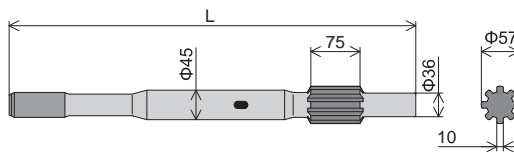
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R38 | 605 | SF | 5.9 | S244R38SFAG |
| T38 | 605 | SF | 5.9 | S244M38SFAG |

HD 260, HD 300



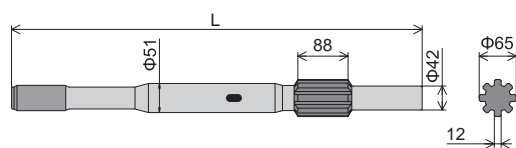
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-----------------|
| T38 | 655 | 16 | 6.1 | S62M38AA |
| T45 | 655 | 16 | 6.8 | S62M45AA |

HD 609



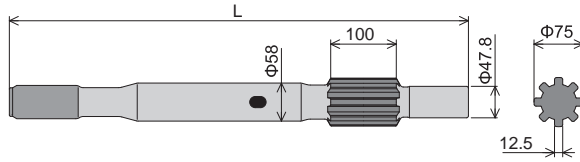
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T38 | 620 | SF | 5.7 | S142M38SFAG |
| T45 | 620 | SF | 6.4 | S142M45SFA |
| T38 | 690 | SF | 6.4 | S142M38SFB |

HD 612



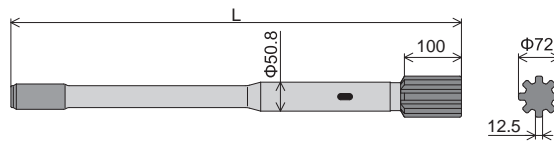
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T38 | 720 | SF | 9.2 | S173M45SFA |

HD 615



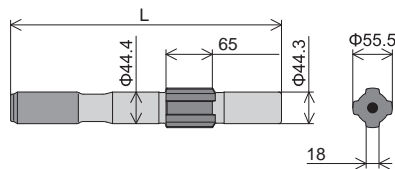
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T45 | 700 | SF | 10.7 | S123M45SFA |
| T51 | 700 | SF | 11.7 | S123M51SFAG |

HD 712



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T45 | 790 | SF | 9.9 | S222M45SFBG |

M 120 and PD 200

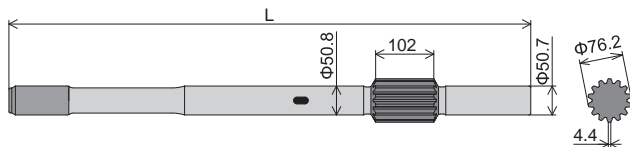


| Thread | Length(L) [mm] | Dia [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|-------------|------------------------------|----------------|-----------------|
| T38 | 380 | 44.4 | 14 | 3.6 | S51M38AB |
| T38 | 446 | 44.4 | 14 | 3.9 | S51M38AG |

SHANK ADAPTER

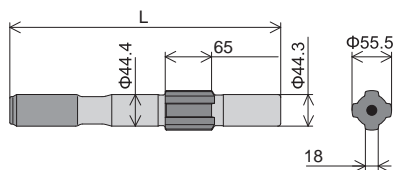
GARDNER DENVER

HPR 2



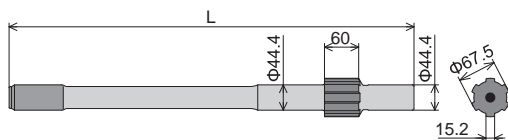
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T51 | 915 | SF | 14.3 | S267M51SFA |

PR 123



| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|-----------------|
| R32 | 380 | 14 | 3.8 | S51R32AB |
| R38 | 380 | 14 | 3.6 | S51R38AB |
| T38 | 380 | 14 | 3.6 | S51M38AB |
| T45 | 380 | 14 | 4.6 | S51M45AB |

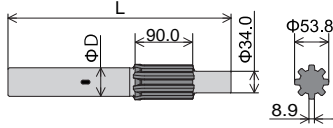
PR 66



| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|-----------------|
| T38 | 710 | 16 | 4.8 | S75M38AA |
| T45 | 710 | 16 | 5.8 | S75M45AA |

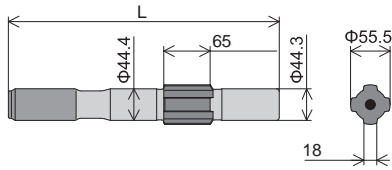
INGERSOLL RAND

Hydrastar 200 Female thread



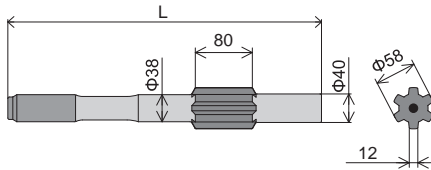
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R32F | 351 | SF | 3.2 | S109R32FSFA |

URD 475, URD 550, VL120, EVL 130, VL140, F16



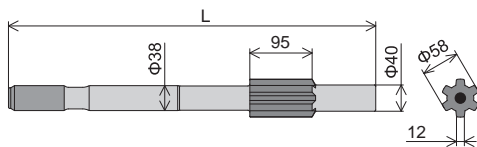
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|----------------|------------------------|-------------|-----------------|
| R32 | 380 | 14 | 3.8 | S51R32AB |
| R38 | 380 | 14 | 3.6 | S51R38AB |
| T38 | 380 | 14 | 3.6 | S51M38AB |
| T45 | 380 | 14 | 4.4 | S51M45AB |
| T38 | 446 | 14 | 3.9 | S51M38AG |

YH 50, YH 55



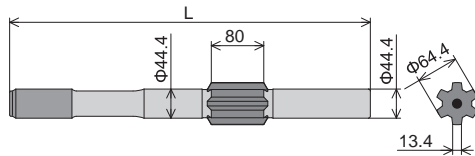
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|----------------|------------------------|-------------|-----------------|
| T38 | 440 | 16 | 3.8 | S84M38AA |

YH 50 RP, YH55RP



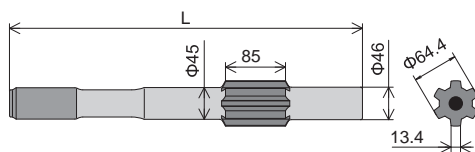
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|----------------|------------------------|-------------|-----------------|
| T38 | 560 | 16 | 5.1 | S06M38AB |

YH 60A



| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|----------------|------------------------|-------------|-----------------|
| T38 | 537 | 14 | 5.8 | S58M38AD |

YH 65, YH 70, YH 80

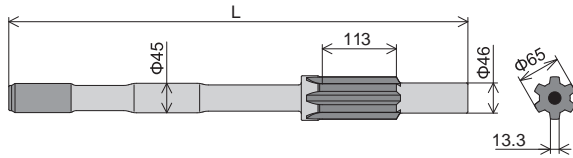


| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|----------------|------------------------|-------------|-----------------|
| T38 | 500 | 19 | 4.9 | S63M38AC |
| T45 | 500 | 19 | 5.7 | S63M45AC |

SHANK ADAPTER

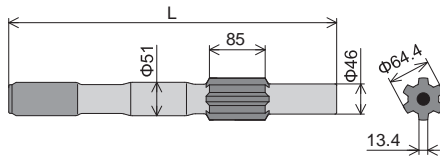
INGERSOLL RAND

YH 65 RP, YH 70 RP, YH 80 RP



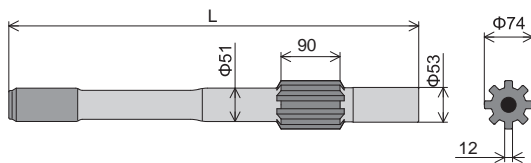
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|-----------------|
| T38 | 700 | 19 | 8.0 | S25M38AA |
| T45 | 700 | 19 | 9.0 | S25M45AA |

YH 80A



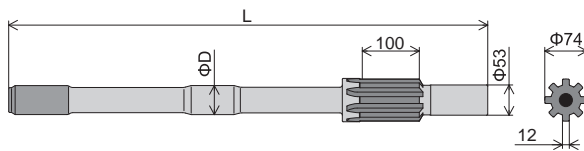
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|------------------|
| T45 | 495 | 19 | 6.0 | S198M45AA |
| T51 | 500 | 19 | 6.4 | S198M51AB |

YH 95, YH 100



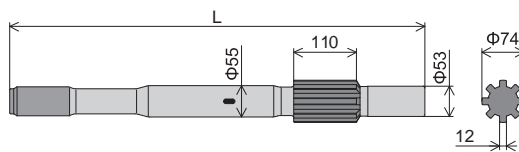
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|-----------------|
| T51 | 625 | 23 | | S09M51AA |

YH 95 RP, YH 100 RP



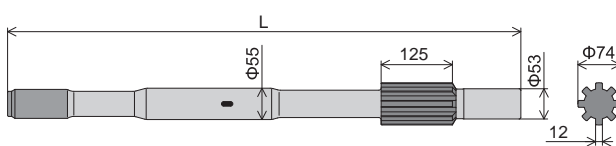
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|-----------------|
| T51 | 840 | 23 | 11.8 | S03M51AA |

YH 110 V, YH 135



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T45 | 728 | SF | 11.6 | S127M45SFAG |
| T51 | 728 | SF | 12.0 | S127M51SFAG |

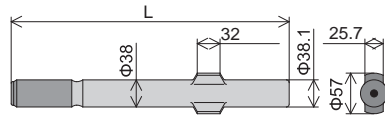
YH 110 VRP, Y 135 RP



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T51 | 900 | SF | 14.8 | S128M51SFAG |

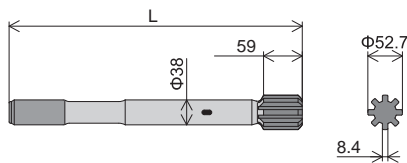
MONTABERT

H 50, H 60, H 70



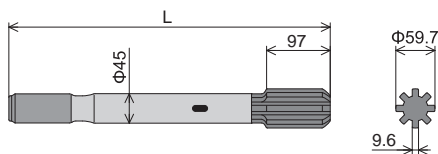
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|----------------|------------------------|-------------|------------------|
| R32 | 380 | 10 | 3.1 | S32R32CBC |
| R38 | 390 | 10 | 3.3 | S32R38DBD |
| T38 | 390 | 10 | 3.3 | S32M38BD |

HC 40, HC 50



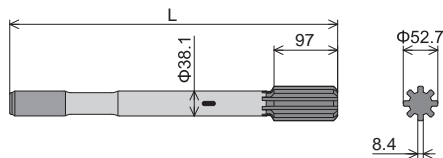
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R32 | 372 | SF | 3.0 | S77R32SFDG |
| R38 | 372 | SF | 3.2 | S77R38CSFDG |
| T38 | 372 | SF | 3.2 | S77M38SFDG |
| T38 | 447 | SF | 3.6 | S77M38SFCG |

HC 80, HC 120



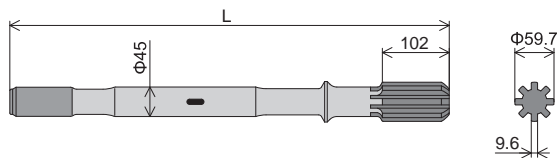
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| T45 | 490 | SF | 6.2 | S209M45SFAG |

HC 80, HC 90, HC 105, HC 120



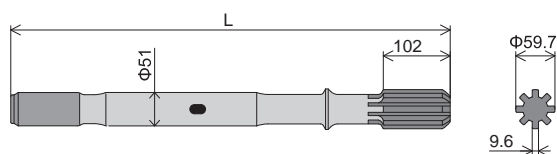
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R32 | 440 | SF | 3.6 | S73R32SFBG |
| R38 | 440 | SF | 4.0 | S73R38DSFBG |
| T38 | 440 | SF | 4.0 | S73M38SFBG |
| T38 | 500 | SF | 4.3 | S73M38SFAG |

HC 80 RP, HC 105 RP, HC 107 RP, HC 108 RP, HC 109 RP



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|-------------------|
| T38 | 670 | SF | 7.4 | S70M38SFAG |
| T45 | 670 | SF | 8.2 | S70M45SFAG |

HC 120 RP, HC 150 RP, HC 155 RP, HC 158 RP

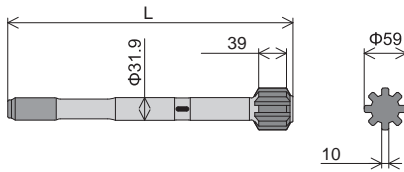


| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| T51 | 670 | SF | 9.9 | S206M51SFAG |

SHANK ADAPTER

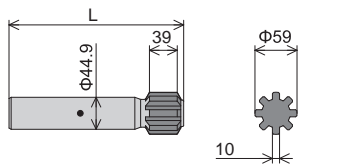
SANDVIK / TAMROCK

HL 300



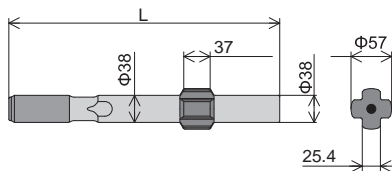
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R32 | 400 | SF | 2.7 | S292R32SFAG |

HL 300S Female thread



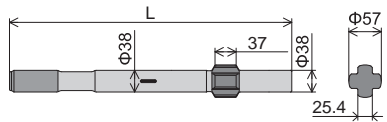
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|---------------------|
| R32F | 245 | SF | 2.6 | S150R32FSFAG |

HL 438, HL 538,HLR 438L, HLR 438T



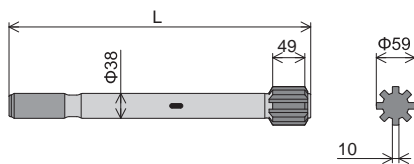
| Thread | Length(L) [mm] | Flushing tube dia [mm] | Weight [Kg] | Part number |
|--------|-------------------|------------------------------|----------------|------------------|
| T38 | 380 | 12.7 | 3.3 | S39M38AA |
| T38 | 400 | 12.7 | 3.4 | S39M38AJG |

HLR 438LS, 438TS, HL538, HL538L, L550S



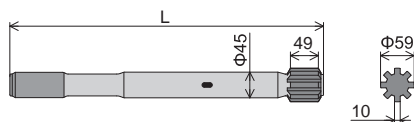
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| R32 | 450 | SF | 3.9 | S39R32SFDG |
| R38 | 450 | SF | 4.1 | S39R38SFDG |
| T38 | 455 | SF | 4.2 | S39M38SFDG |
| T38 | 495 | SF | 4.4 | S39M38SFGG |

HL 500-38,HL 510-38, HL 500S-38, HL 510S-38, HL 510B, HL 510LH



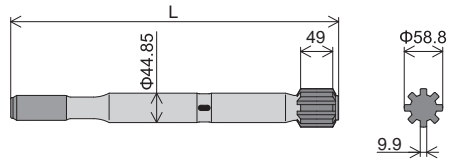
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R32 | 460 | SF | 3.8 | S12R32SFAG |
| R38 | 460 | SF | 4.1 | S12R38SFAG |
| T38 | 460 | SF | 4.1 | S12M38SFAG |
| R38 | 500 | SF | 4.4 | S12R38DSFDZ |
| R32 | 550 | SF | 4.4 | S12R32SFBG |
| R38 | 550 | SF | 4.8 | S12R38DSFBG |
| T38 | 550 | SF | 4.8 | S12M38SFBG |

HL 500-45,HL 510-45



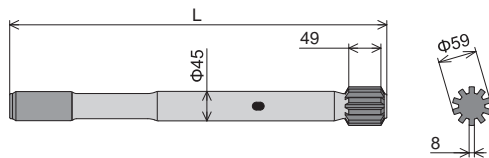
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T38 | 550 | SF | 5.8 | S12M38ZSFBG |
| T45 | 550 | SF | 6.1 | S12M45ZSFBG |

HL 550 SUPER, 560 SUPER, 510S-45



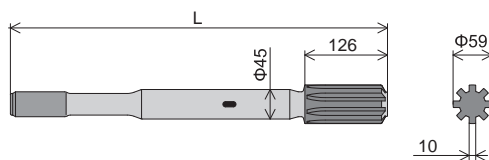
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R38 | 500 | SF | 5.4 | S155R38SFAG |
| T38 | 500 | SF | 5.4 | S155M38SFAG |

HLX5, HLX5T



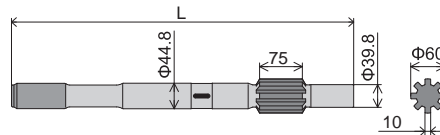
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R38 | 500 | SF | 5.4 | S268R38SFAG |
| T38 | 500 | SF | 5.4 | S268M38SFAG |
| T38 | 575 | SF | 5.9 | S268M38SFBG |

HLX5 PE-45



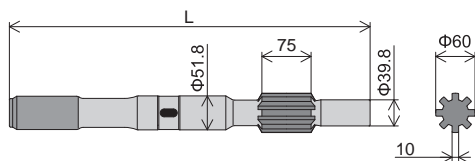
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| R32 | 575 | SF | 6.1 | S330R32SFAG |
| T38 | 575 | SF | 6.3 | S330M38SFAG |

HL 600-45, HL 600S-45



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| T38 | 525 | SF | 5.5 | S17M38SFCG |
| T45 | 525 | SF | 6.0 | S17M45SFCG |
| R32 | 600 | SF | 6.1 | S17R32CSFAG |
| T38 | 600 | SF | 6.3 | S17M38SFAG |
| T45 | 600 | SF | 7.1 | S17M45SFAG |

HL 600-52

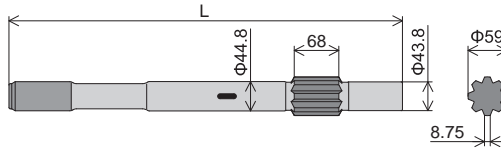


| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|-------------------|
| T51 | 650 | SF | 8.5 | S215M51SFA |

SHANK ADAPTER

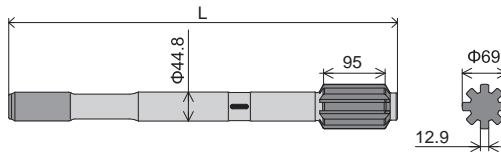
SANDVIK / TAMROCK

HL 645



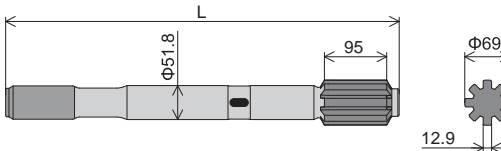
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T45 | 600 | SF | 8.1 | S69M45SFAG |

HL 650-45, 700-45, 700T-45, 710-45, 800T-45



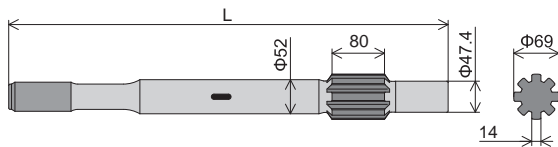
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T45 | 600 | SF | 7.5 | S240M45SFAG |

HL 650-52, 700-52, PE-52, S-52, 710-52, SPE-52, 800T-52



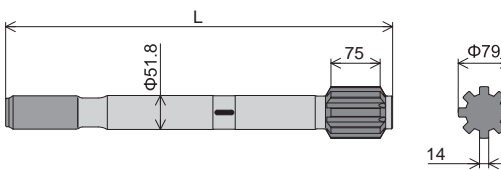
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T38 | 600 | SF | 8.4 | S196M38SFAG |
| T45 | 600 | SF | 8.8 | S196M45SFAG |
| T51 | 600 | SF | 9.1 | S196M51SFAG |

HL 850S



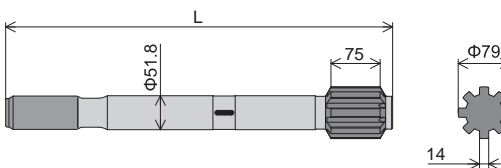
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|------------------|
| T45 | 670 | SF | 9.8 | S60M45SFB |

HL 1000-52, 1000 S-52



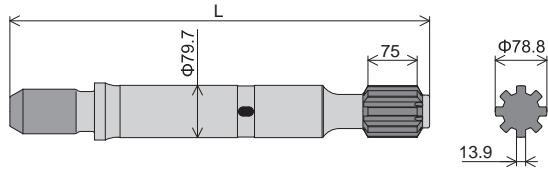
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T45 | 590 | SF | 8.6 | S13M45SFAG |
| T51 | 590 | SF | 9.4 | S13M51SFAG |

HL 1000-52, 1000 S-52



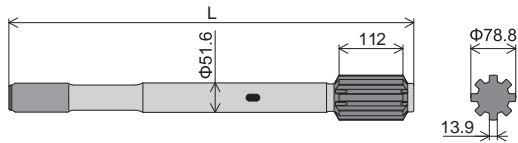
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|-------------------|
| T45 | 670 | SF | 10.3 | S13M45SFBG |
| T51 | 670 | SF | 11.1 | S13M51SFBG |

HL 1000 S-80 Tube drilling



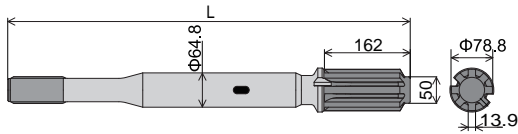
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|---------------------|
| ST58 | 623 | SF | 18.2 | S258WD58SFAG |
| ST68 | 640 | SF | 19.0 | S258WD68SFAG |

HL 1500-52 ,1500 T-52



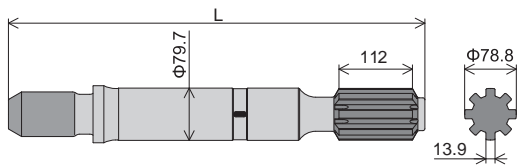
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| T51 | 710 | SF | 11.5 | S283M51SFBG |

HL1500-PE



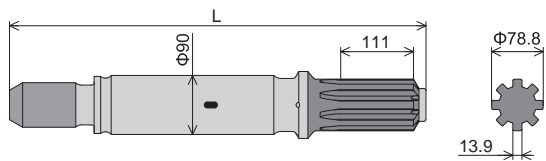
| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|--------------------|
| T51 | 760 | SF | 18.2 | S298M51SFAG |

HL 1500 S-80 Tube drilling



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|---------------------|
| ST58 | 635 | SF | 17.6 | S283WD58SFAG |
| ST68 | 635 | SF | 18.6 | S283WD68SFAG |

HL 1500 SPE-90 Tube drilling

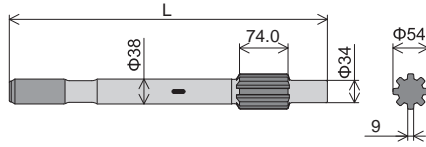


| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|----------------|-------------------|-------------|---------------------|
| ST58 | 635 | SF | 21.6 | S332WD58SFAG |
| ST68 | 635 | SF | 22.6 | S332WD68SFAG |

SHANK ADAPTER

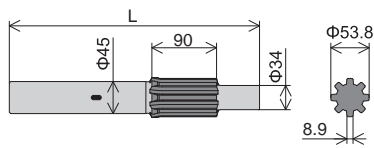
SECOMA

Hydrastar 200, Hydrastar 350, Hydrastar 300, Hydrastar X2



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| T38 | 485 | SF | 4.0 | S80M38SFB |
| R32 | 485 | SF | 4.3 | S80R32SFB |
| R38 | 485 | SF | 4.3 | S80R38SFB |
| T38 | 500 | SF | 4.1 | S80M38SFC |
| R32 | 500 | SF | 4.4 | S80R32CSFCG |

Hydrastar 350 Female thread



| Thread | Length(L) [mm] | Flushing tube dia | Weight [Kg] | Part number |
|--------|-------------------|----------------------|----------------|--------------------|
| R32F | 351 | SF | 3.2 | S109R32FSFA |