

Shank adapters



ROSCHEN

Shank adapters

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Shank adapter dimensions:

Metric scale (mm)

Rock drill categories:

BE = beach drilling

BO = bolting

DS = dimensional stone drilling

PD = production drilling underground (long hole drilling)

TU = drifting and tunneling

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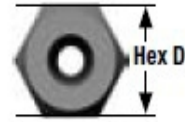
ROSCHEN GROUP LIMITED

roschen@roschen.net ; roschen@roschen.com

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Shank adapters

Hexagonal shank adapters



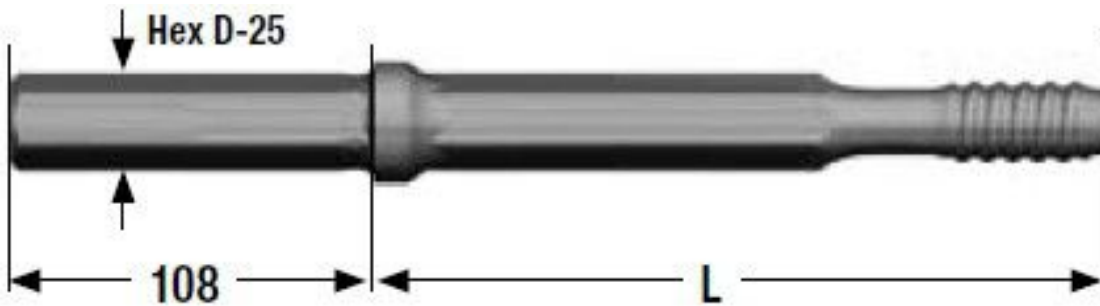
Flushing Tube (mm)	Thread	Length (mm)
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For hexagonal bushing 22 x 108 mm



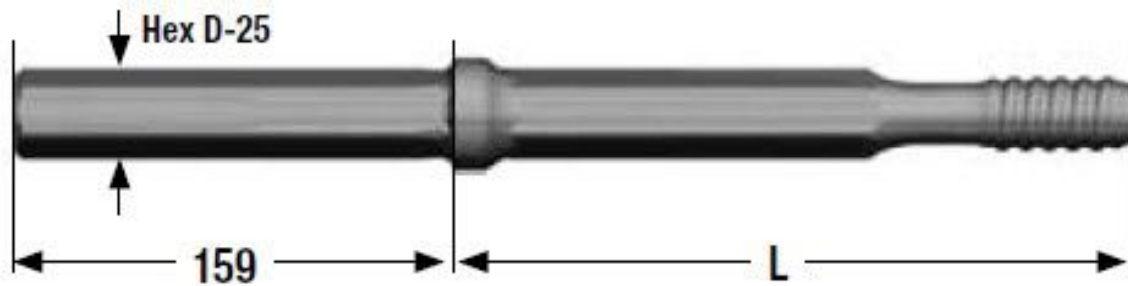
4.5-5.0	R22	255
4.5-5.0	R23	255
4.5-5.0	R25	255

For hexagonal bushing 25 x 108 mm



4.5-5.0	R23	255
4.5-5.0	R25	255

For hexagonal bushing 25 x 159



8	R25	255
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No packing. Not suitable for hydraulic machines with water flushin

Shank adapters

Sandvik

	Application	Flushing hole (mm)	Thread	Length (mm)
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HL 300

	BE	–	R32	400
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HL 300S

	BO, TU	–	R28	245
	BO, TU	–	R32	245

L400, L410, L500, L510, L550

	BO,PD,TU	10	R32	380
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HLR 438L and HLR 438T

	BE, TU	12.07	R32	380
	BE, TU	12.07	T38	400

HLR 438LS, 438TS, HL 538, HL538L, L550S

	BE,PD,TU	–	R32	450
	TU	–	R38	450
	BE,PD,TU	–	T38	455
	BE	–	T38	545

HL 500-38 / 510-38

	BE	–	R32	550
	BE	–	T35	550
	BE	–	T38	550
	BE	–	R38	550

38 = For 38 mm front head, S=For underground drilling

Shank adapters

Sandvik

	Application	Flushing hole (mm)	Thread	Length (mm)
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HL 500-45 / 510-45

	BE	–	T35	550
	BE	–	T38	550
	BE	–	T45	550
	BE	–	R32	550

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

	PD,TU	–	R32	460
	TU	–	R38	460
	PD,TU	–	T38	460
	TU	–	R38	500
	PD,TU	–	T38	500

HL 500 F / 510 F

	BO	–	R32	350
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HL 550 SUPER / 560 SUPER / 510 S-45

	TU	–	T35	460
	PD,TU	–	T35	550
	TU	–	R38	500
	TU	–	T38	500

HLX 1

	TU,BO	–	R23	235
	TU,BO	–	R25	255

HLX 5 / HLX 5T

	TU	–	R32	500
	TU	–	T35	500
	TU	–	T38	500
	TU	–	R38	500
	BE	–	R32	575
	BE	–	T35	575
	BE	–	T38	575
	BE	–	T45	575



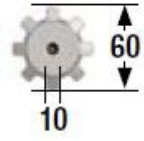
- 38, -45 = For 38 or 45 mm front head, S=For underground drilling

Shank adapters

Sandvik

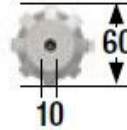
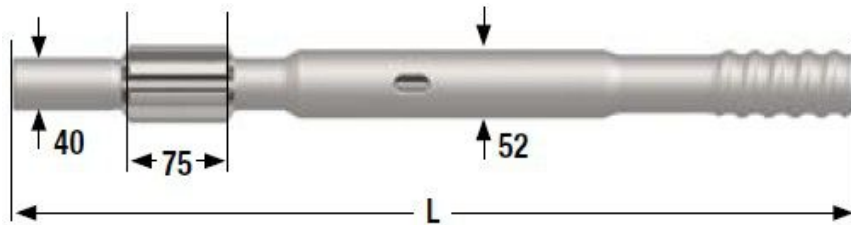
	Application	Flushing hole (mm)	Thread	Length (mm)
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HL 600-45 / 600 S-45



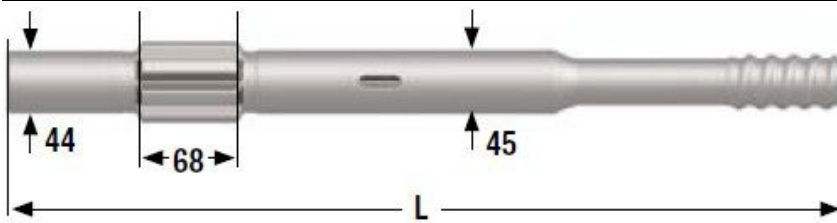
BE	–	R32	600
BE	–	T38	600
Tube, BE	–	T45	600
TU, PD	–	T38	525
TU, PD	–	T45	525

HL 600-52



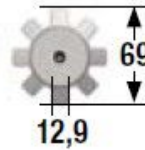
BE	–	T45	650
BE	–	T51	650

HL 645



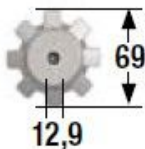
BE	–	T38	600
BE	–	T45	600

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



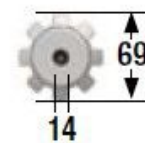
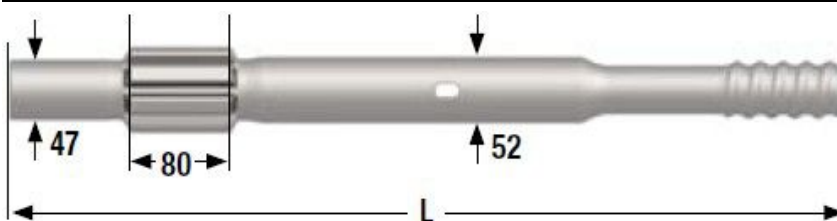
BE	–	T38	600
BE	–	T45	600

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



BE, PD	–	T38	600
BE	–	T45	600
BE	–	T51	600

HL 850S



BE, PD	–	T45	670
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-45, -52 = For 45 or 52 mm front head, PE= For Power Extractor rock drill (reverse hammering), S=For underground drilling

Shank adapters

Sandvik

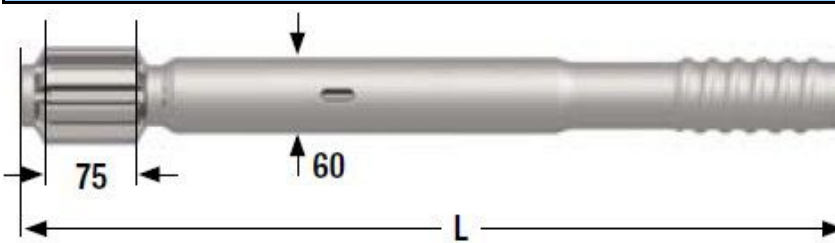
	Application	Flushing hole (mm)	Thread	Length (mm)
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HL 1000-52 / 1000 S-52



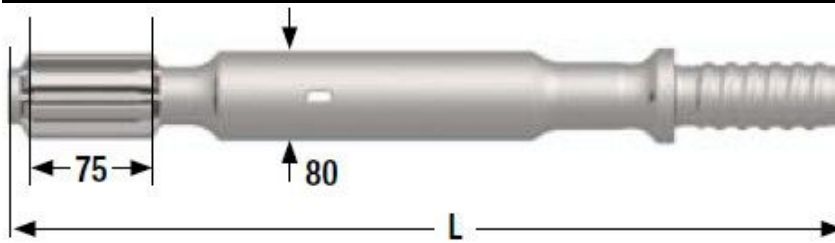
BE	–	T45	670
BE	–	T51	670
PD	–	T45	590
PD	–	T51	590

HL 1000-60



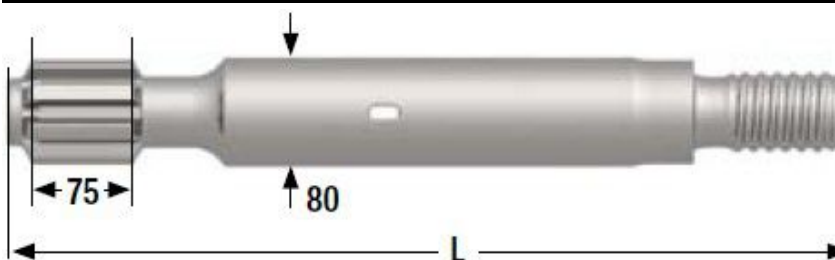
BE	–	T51	670
BE	–	GT60	670

HL 1000-80, Shoulder drive



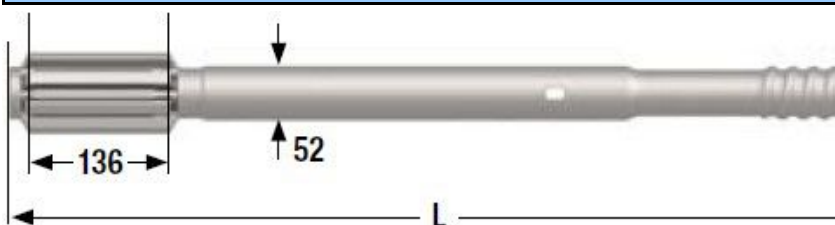
BE	–	GT60	670
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HL 1000 S-80 Tube drilling



PD	–	ST58	635
PD	–	ST68	640

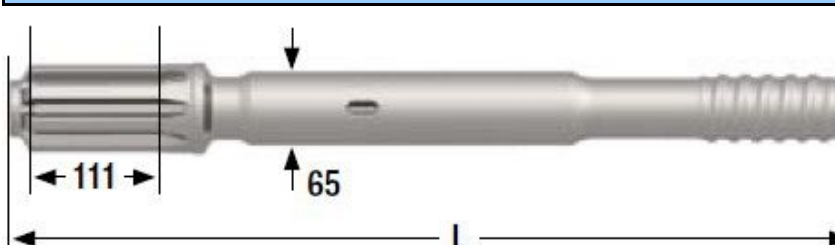
HL 1000 PE-52



BE	–	T51	840
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Suited only for early drills with the long type of Power Extractor with 52 mm bearing diameter

HL 1000 PE-65 / HL 1500 PE-65 / HL 1560 T-65



BE	–	T51	760
BE	–	GT60	760

-52, -60, -65, -80 = For 52, 60, 65 or 80 mm front head, PE= For Power Extractor rock drill (reverse hammering), S=For underground drilling

Shank adapters

Sandvik

	Application	Flushing hole (mm)	Thread	Length (mm)
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HL 1500-52 / 1500 T-52

BE	-	T51	710
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HL 1500-60 / 1500 T-60

BE	-	T51	760
BE	-	GT60	760

HL 1500 T-80, Shoulder drive

BE	-	GT60	760
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HL 1500 S-80 Tube drilling

PD	-	ST58	635
PD	-	ST68	635

HL 1500 SPE-90 Tube drilling

PD	-	ST58	635
PD	-	ST68	635
BE	-	GT60	760

-52, -60, -65, -80, -90 = For 52, 60, 65, 80 and 90 mm front head, PE= For Power Extractor rock drill, S=For underground drilling, T= Drill with stabiliz

Shank adapters

Atlas Copco

	Application	Flushing hole (mm)	Thread	Length (mm)
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Atlas Copco BBC 43, 44, 45 and 100

	TU	10	R32	380
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Atlas Copco BBC 51, 52, 54 and 120

	TU TU	10 10	R32 T38	380 390
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Atlas Copco BBE 57

	BE	14	T38	537
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Atlas Copco COP 125, 130 and 131

	TU, BE, PD	14	T38	380
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Atlas Copco COP 1032 HD

	TU, BO	–	R32	340
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	TU, BO	–	R38	340
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Atlas Copco COP 1032



BE	-	T35	550
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Atlas Copco COP 1032 LE



BE,DS	-	R32	550
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Atlas Copco COP 1036/1038 HB



BE	-	R32	500
BE	-	T38	500



BE	-	T45	500
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Atlas Copco COP 1038 HD/1238



TU	-	R32	485
TU	-	R38	485
TU	-	T38	485

Atlas Copco COP 1038 HL



BE,PD	-	R32	575
BE,PD	-	T38	575



BE,PD	-	T45	575
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Atlas Copco COP 3038

	TU	–	T38	435
	TU	–	T45	435
	TU	–	T35	440
	TU,PD	–	T35	525

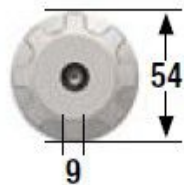
Atlas Copco COP 1238

	BE	–	R32	500
	BE	–	T38	500
	TU	–	R38	485
	TU	–	T38	485
	BE	–	T45	500
	BE,PD	–	R32	575
	BE,PD	–	T35	575
	BE,PD	–	T38	575
	BE,PD	–	T38	575
	BE,PD	–	T48	575

Atlas Copco COP 1432, COP 1532, COP1440, COP1838 HD/ME

	TU	–	R38	435
	TU	–	T35	435
	TU	–	T38	435
	TU	–	R32	435
	BO	–	R32	525
	BE	–	T35	525
	BO	–	T38	525

Atlas Copco COP 1432 Female



TU	-	R38	341
TU	-	R32	341

Atlas Copco COP 1132



PD	-	R32	500
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Atlas Copco and Boart

	Application	Flushing hole (mm)	Thread	Length (mm)
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Atlas Copco COP 1550, COP 1838 ME/ HE

BE,PD	–	T38	525
BE,PD	–	T45	525
BE,PD	–	T51	525

Atlas Copco COP 1550 EX, COP 1838 EX

BE	–	T38	730
BE	–	T45	730

Atlas Copco COP 1840 HE, COP 1850

BE,PD	–	T35	565
BE,PD	–	T38	565
BE,PD	–	T45	565
BE,PD	–	T51	565

Atlas Copco COP 2150, COP 2550

BE	–	T51	770
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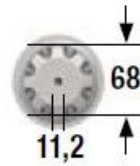
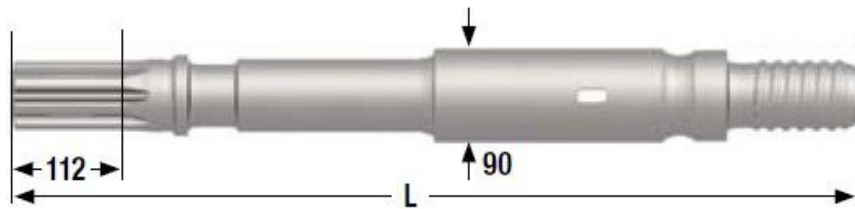
Atlas Copco COP 2160, COP 2560

BE	–	T51	770
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Atlas Copco COP 4050 EX

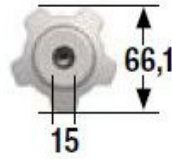
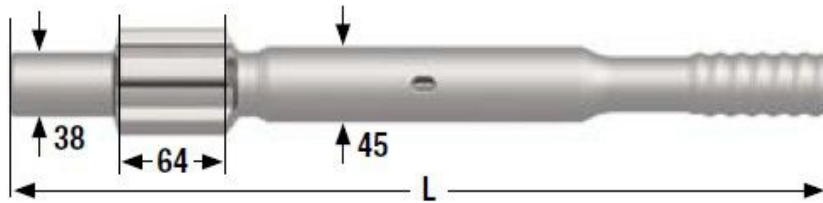
PD	–	ST68	805
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Atlas Copco COP 4050 MUX



PD	-	ST68	835
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Boart HD 125, HD 150, HD 160



TU	-	R38	495
TU	-	T38	495

Shank adapters

Furukawa

	Application	Flushing hole (mm)	Thread	Length (mm)
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Furukawa M 120 and PD 200

	BE	14	R32	330
	BE	14	T38	380
	BE	14	T38	446

Furukawa PD 200R

	BE	14	T38	484
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Furukawa HD 260, HD 300

	BE	16	T38	655
	BE	16	T45	655

Furukawa HD 609

	BE	–	T38	620
	BE	–	T38	690
	BE	–	T45	620

Furukawa HD 612

	BE	–	T45	710
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Furukawa HD 709

	BE	–	T38	620
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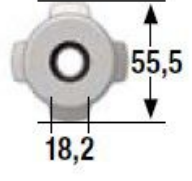


Shank adapters

Gardner-Denver, Ingersoll-Rand and Klemm

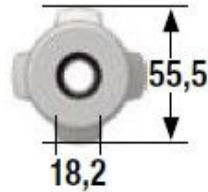
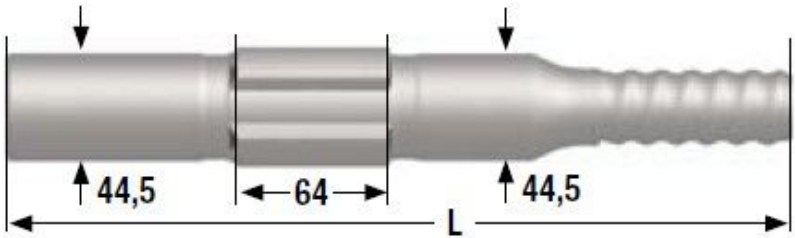
	Application	Flushing hole (mm)	Thread	Length (mm)
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Gardner-Denver PR 123



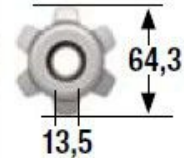
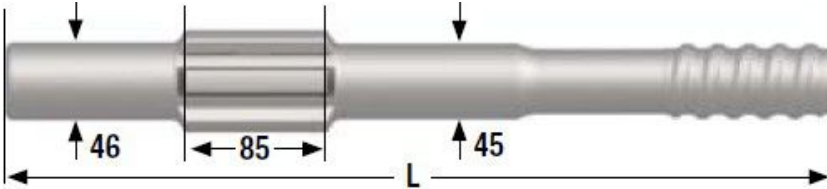
TU, BE	14	R32	330
TU, BE	14	R32	380
TU	14	R38	350
TU, BE	14	T38	446
TU, BE	14	T38	380

Ingersoll-Rand URD 475, URD 550, VL120, EVL 130, VL140 and F16



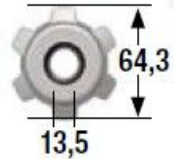
BE	14	R32	330
BE	14	R32	380
BE	14	T38	380
BE	14	T38	446

Ingersoll-Rand YH 65, YH 80



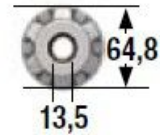
BE	19	T38	495
BE	19	T45	500

Ingersoll-Rand YH 80 A



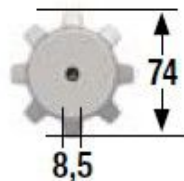
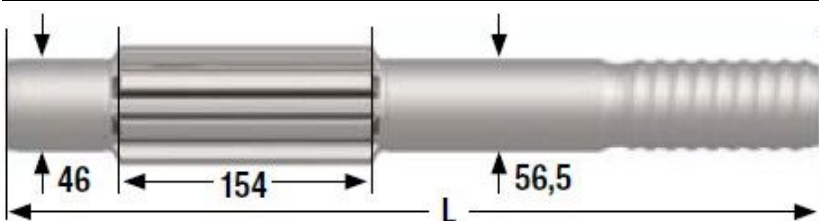
BE	19	T45	495
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Ingersoll-Rand YH 65 RP, YH 70 RP, YH 75 RP, YH 80 RP



BE	19	T45	700
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Klemm 4053



BE	–	R55	500
BE	–	R55	500


- 1) LH-Rotation
- 2) RH-Rotation

Shank adapters


Montabert

	Application	Flushing hole (mm)	Thread	Length (mm)
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Montabert HC40

	BE	–	R32	447
	BE	–	R38	447


Montabert HC40 (female)

	TU,BO	–	R32	270
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Montabert HC 80, HC 90, HC 105

	TU	–	R38	440
	TU	–	T38	440
	TU	–	T38	500


Montabert H 100

	BE	14	T38	537
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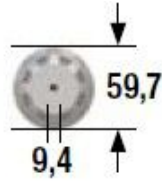
Montabert HC 80R, HC 105R, HC 107R, HC 108R, HC 109R

	BE	–	T38	670
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Montabert HC 80, HC 120

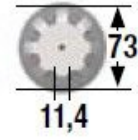
	BE	–	T45	490
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Montabert HC 120R, HC 150R, HC 155R, HC 158R



BE	-	T51	670
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Montabert HC 200A

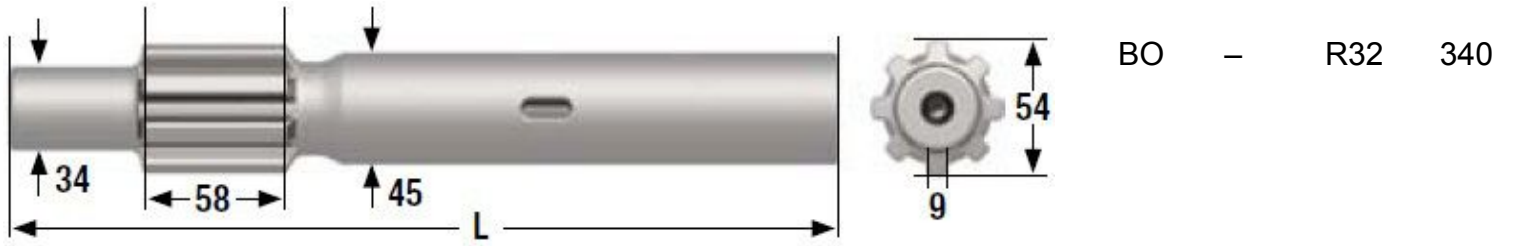


BE	-	T51	840
BE	-	GT60	840

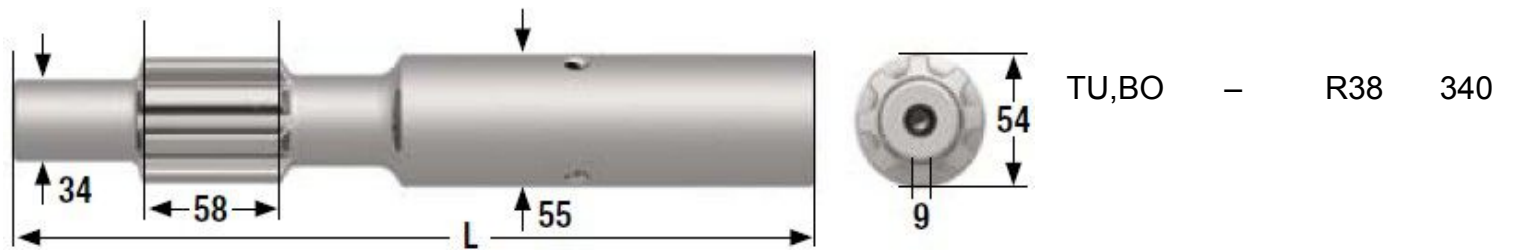
Shank adapters

SIG

	Application	Flushing hole (mm)	Thread	Length (mm)
SIG HBM 50, 100 and 120				



SIG HBM 100 and 120



SIG HBM 50, 100 and 120



SIG 101

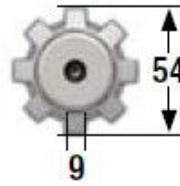
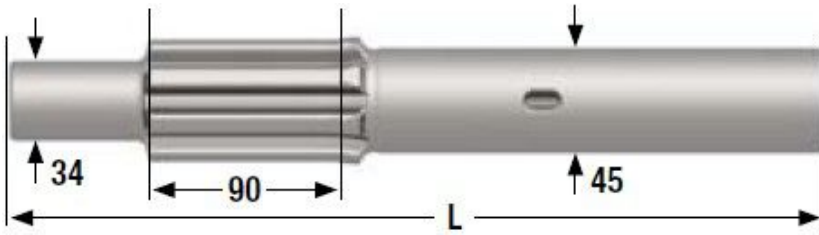


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Shank adapters

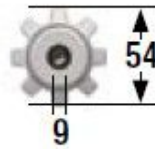
Secoma

	Application	Flushing hole (mm)	Thread	Length (mm)
Secoma Hydrastar 200				



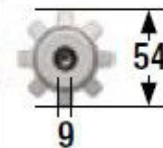
TU,BO	-	R32	351
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Secoma Hydrastar 200, 300 and X2



TU	-	R32	485
TU	-	R38	485
TU	-	T38	485

Secoma Hydrastar 350



BE	-	R32	500
TU	-	R38	485
BE	-	T38	500

Shank adapters

Toyo

	Application	Flushing hole (mm)	Thread	Length (mm)
Toyo PR 220				



BE	14	R32	330
BE	14	T38	446

Toyo TH 501



BE	11	T38	565
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