

# High precision rock drilling for reliable performance and lower costs

While every component in the drill string is crucial, the shank adapter must be engineered to withstand the most extreme stress. Its function is to transmit impact energy from the rock-drill piston, as well as rotation torque, into the drill string without energy losses. It must withstand and transmit up to 6300 blows per minute from the piston continually, with great endurance and dependability. With this in mind, Sandvik manufactures premium quality shank adapters for most brands of rock drill.

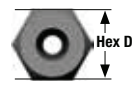
<b>HEXAGONAL SHANK ADAPTERS</b>	<b>76</b>
<b>SANDVIK</b>	<b>77</b>
<b>ATLAS COPCO</b>	<b>84</b>
<b>BOART</b>	<b>88</b>
<b>FURUKAWA</b>	<b>89</b>
<b>GARDNER-DENVER, INGERSOLL-RAND &amp; KLEMM</b>	<b>90</b>
<b>MONTABERT</b>	<b>91</b>
<b>SIG</b>	<b>92</b>



Hydraulic shanks generally have at least a 5 to 14-spline configuration. Pneumatic shanks tend to have internal or through-flushing. They can be identified by their lugs or 4-spline configuration.

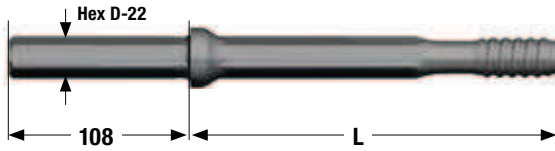
# Shank adapters

## Hexagonal shank adapters



Flushing tube (mm)	Thread	Length (mm)	Part No.
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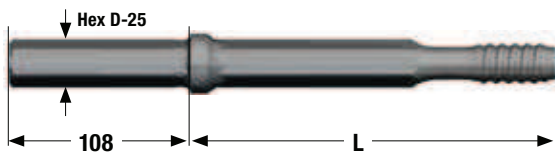
### For hexagonal bushing 22 x 108 mm



4.5-5.0	R22	255	7801-6103-11
4.5-5.0	R23	255	7807-6103-11
4.5-5.0	R25	255	7802-6103-11



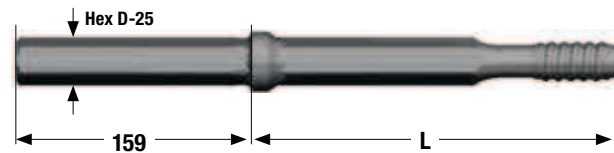
### For hexagonal bushing 25 x 108 mm



4.5-5.0	R23	255	7807-7103-30
4.5-5.0	R25	255	7802-7103-14



### For hexagonal bushing 25 x 159



8	R25	255	7802-7103-21
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No packing. Not suitable for hydraulic machines with water flushing.

# Shank adapters

Sandvik

	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>HLX 1</b>					
	TU,BO	–	R23	235	7807-7570-01
	TU,BO	–	R25	255	7802-7567-01
	TU,BO	–	R23	255	7807-7567-01
<b>HL 300</b>					
	BE	–	R32	400	7803-7549-01
<b>HL 300S</b>					
	BO,TU	–	R28	245	7809-7547-01
	BO,TU	–	R32	245	7803-7547-01
<b>RD314</b>					
	UG	–	R32	205	7803-7663-01
	UG	–	T38	410	7304-7672-01
<b>L400, L410, L500, L510, L550</b>					
	BO, PD, TU	10	R32	380	7803-3602-30
<b>HLR 438L and HLR 438T</b>					
	BE, TU	12.7	R32	380	7803-4700-50
	BE, TU	12.7	T38	400	7304-4700-50

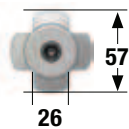
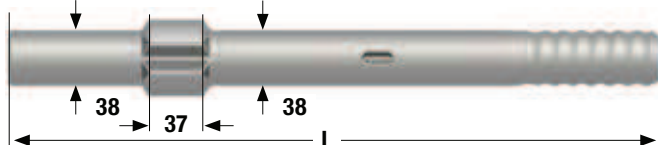
- 38 = For 38 mm front head, S=For underground drilling

# Shank adapters

Sandvik

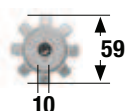
	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
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HLR 438LS, 438TS, HL 538, HL538L, L550S



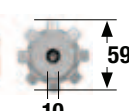
BE, PD, TU	–	–	R32	450	7803-4700-01
TU	–	–	R38	450	7804-4700-01
BE, PD, TU	–	–	T38	455	7304-4700-01
BE	–	–	T38	545	7304-4706-01

HLR 438LS, HL500-38/HL510-38, HL538L, L550S



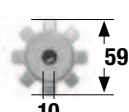
BE	–	–	R32	550	7803-7535-02
BE	–	–	T35	550	7307-7535-02
BE	–	–	T38	550	7304-7535-02
BE	–	–	R38	550	7804-7535-02

HL 500-45 / HL510-45



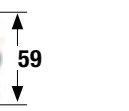
BE	–	–	R32	550	7803-7557-01
BE	–	–	T35	550	7307-7557-01
BE	–	–	T38	550	7304-7557-01
BE	–	–	T45	550	7305-7557-01

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



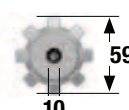
PD,TU	–	–	R32	460	7803-7531-01
TU	–	–	R38	460	7804-7531-01
PD,TU	–	–	T38	460	7304-7531-01
TU	–	–	R38	500	7804-7536-01
PD,TU	–	–	T38	500	7304-7536-01

HL 500 F / HL510 F



B0	–	–	R32	350	7803-7553-01
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HL 550 SUPER / HL560 SUPER / HL510 S-45



TU	–	–	T35	460	7307-7566-01
PD,TU	–	–	T35	550	7307-7557-01
TU	–	–	R38	500	7804-7554-01
TU	–	–	T38	500	7304-7554-01

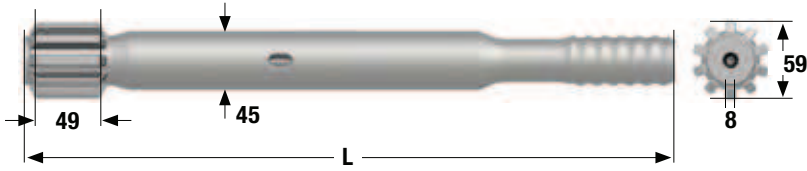
-38, -45 = For 38 or 45 mm front head, S=For underground drilling

# Shank adapters

Sandvik

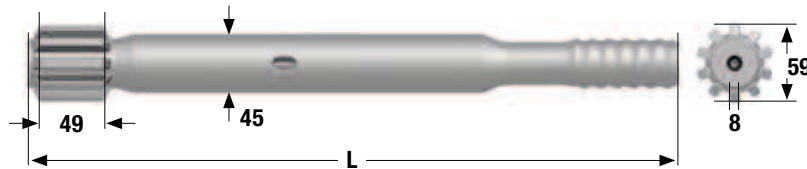
	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
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## HLX 5 / HLX 5T



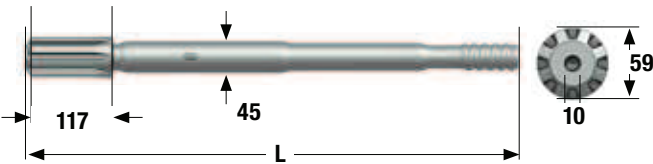
TU	-		R32	500	7803-7585-01
TU	-		T35	500	7307-7585-01
TU	-		T38	500	7304-7585-01
TU	-		R38	500	7804-7585-01
BE	-		R32	575	7803-7586-01
BE	-		T35	575	7307-7586-01
BE	-		T38	575	7304-7586-01
BE	-		T45	575	7305-7586-01

## HFX 5T



TU	-		T38	720	7304-7668-01
TU	-		T35	720	7307-7668-01

## HLX5 PE-45



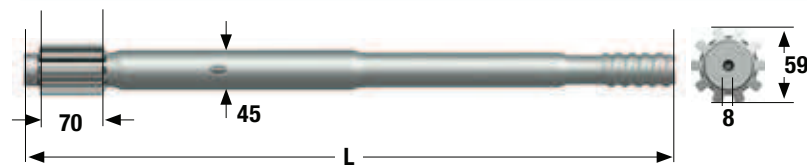
TU	-		R32	575	7803-7664-01
TU	-		T38	575	7304-7664-01
TU	-		T35	575	7307-7664-01
TU	-		T38	720	7304-7671-01
TU	-		T35	720	7307-7671-01

## RD520/RD525 - PE



TU	-		T38	745	7304-7673-01
TU	-		T35	745	7307-7673-01

## RD520/RD525



TU	-		T38	525	7304-7669-01
TU	-		T38	600	7304-7666-01
TU	-		T35	600	7307-7666-01
TU	-		T38	745	7304-7685-01
TU	-		T35	745	7307-7685-01
TU	-		R32	745	7803-7685-01

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

# Shank adapters

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	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>HL 600-45 / HL 600 S-45</b>					
	BE	–	R32	600	7803-7532-01
	BE	–	T38	600	7304-7532-01
	Tubes, BE	–	T45	600	7305-7532-01
	TU,PD	–	T38	525	7304-7537-01
	TU,PD	–	T45	525	7305-7537-01
<b>HL 600-52</b>					
	BE	–	T45	650	7305-7551-01
	BE	–	T51	650	7306-7551-02
<b>HL 645</b>					
	BE	–	T38	600	7304-7541-02
	BE	–	T45	600	7305-7541-02
<b>HL700/HL710-45/HL800T-45/HL810T-45/HF810T-45/HL650-45</b>					
	BE	–	T38	600	7304-7576-01
	BE	–	T45	600	7305-7576-01
<b>HL700/HL710-52/HL710PE-52/HL700LH/HL710S-52/HL710SPE-52/T45/HL650-52/HL800T-52/HL800T/PE-52/HL810T-52/HF810T-52</b>					
	BE,PD	–	T38	600	7304-7577-02
	BE	–	T45	600	7305-7577-02
	BE	–	T51	600	7306-7577-03
<b>HL 850S</b>					
	BE, PD	–	T45	670	7305-7400-01
	BE, PD	–	T51	670	7306-7400-02

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

# Shank adapters

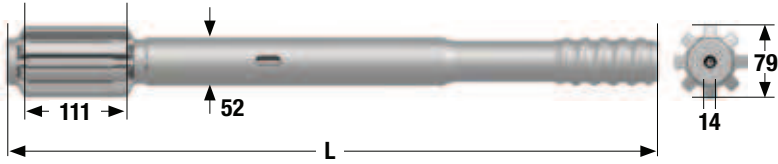
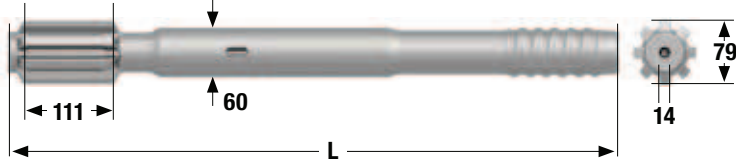


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	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>HL1000/HL 1010, HL1000S/HL 1010S-52</b>					
	BE	–	T45	670	7305-6010-01
	BE	–	T51	670	7306-6010-02
	PD	–	T45	590	7305-6008-01
	PD	–	T51	590	7306-6008-01
<b>HL 1000-60/HL 1010-60</b>					
	BE	–	T51	670	7306-6014-02
	BE	–	GT60	670	7600-6014-02
	BE	–	ST58	670	7358-6014-01
<b>HL 1000-80/HL 1010-80, Shoulder drive</b>					
	BE	–	GT60	760	7600-6031-01
<b>HL1000/HL 1000S-80, HL1000-80/HL1010-80</b>					
	PD	–	ST58	635	7328-6009-02
	PD	–	ST68	640	7329-6009-02
<b>HL1000PE-65, HL1010PE-65, HL1060T/PE-65, HL1500T/PE-65, HL1560T/PE-65</b>					
	BE,	–	T51	760	7306-6025-02
	BE,	–	GT60	760	7600-6025-02
	BE,	–	ST58	760	7358-6025-02

-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

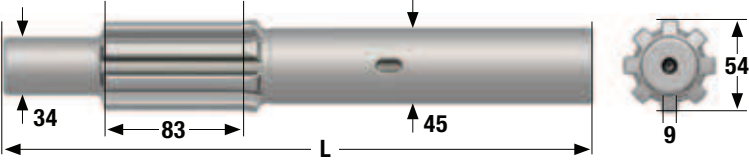
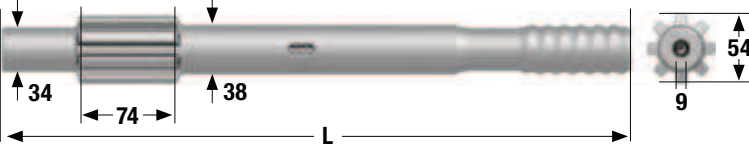
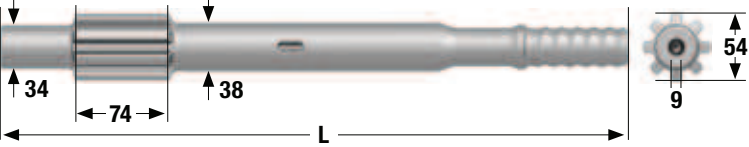
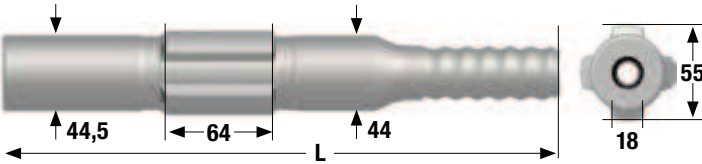

	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>HL 1500-52 / 1500 T-52</b>					
	BE	–	T51	710	7306-6021-02
<b>HL 1500-60 / 1500 T-60</b>					
	BE	–	T51	760	7306-6022-02
	BE	–	GT60	760	7600-6022-03
<b>HL 1500-80/1560T-80/HL1060T-80/HF1560, Shoulder drive</b>					
	BE	–	GT60	760	7600-6030-05
	BE		ST68	630	7329-6034-05
	PD	–	ST58	635	7328-6020-01
	PD	–	ST68	635	7329-6020-05
<b>HL1500T/PE-90/HL1500ST/PE-90/ HL1560T/PE-90/HL1560ST/PE-90</b>					
	PD	–	ST58	635	7328-6035-01
	PD	–	ST68	635	7329-6035-05
	BE	–	GT60	760	7600-6032-05

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



# Shank adapters

Sandvik

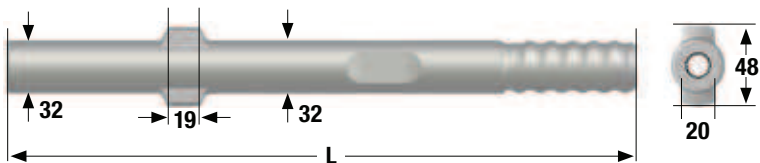
	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>Hydrastar 200</b>					
	TU,B0	-	R32	351	7803-4703-01
<b>Hydrastar 200, 300 and X2</b>					
	TU	-	R32	485	7803-3590-03
	TU	-	R38	485	7804-3590-03
	TU	-	T38	485	7304-3590-03
<b>Hydrastar 350</b>					
	BE	-	R32	500	7803-3591-01
	TU	-	R38	485	7804-3590-03
	BE	-	T38	500	7304-3591-01
<b>Toyo PR 220</b>					
	BE	14	R32	330	7803-7500-61
	BE	14	T38	446	7304-7500-60
<b>Toyo TH 501</b>					
	BE	11	T38	565	7304-7583-40

# Shank adapters

## Atlas Copco

	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
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Atlas Copco BBC 43, 44, 45 and 100



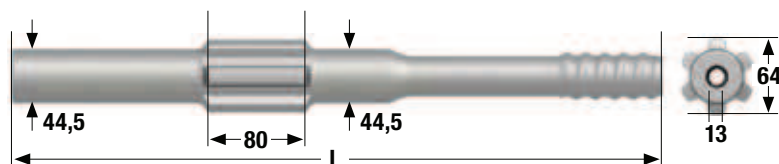
TU	10	R32	380	7803-3100-30
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Atlas Copco BBC 51, 52, 54 and 120



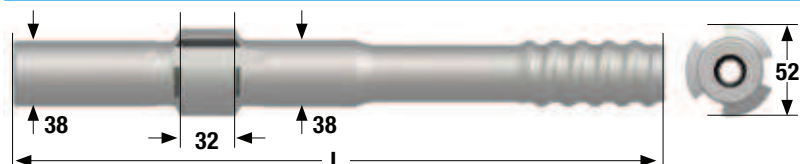
TU	10	R32	380	7803-4200-30
TU	10	T38	390	7304-4200-30

Atlas Copco BBE 57



BE	14	T38	537	7304-7502-60
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Atlas Copco COP 125, 130 and 131



TU, BE, PD	14	T38	380	7304-4500-60
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Atlas Copco COP 1032 HD



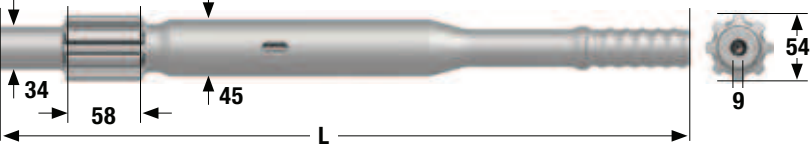
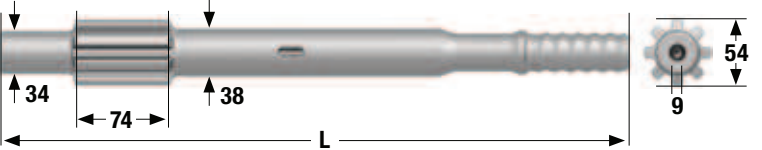

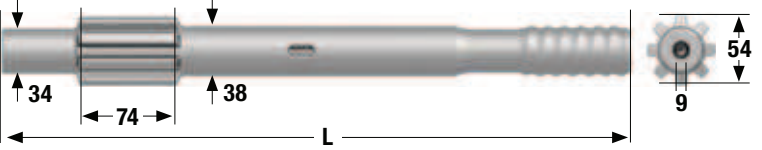
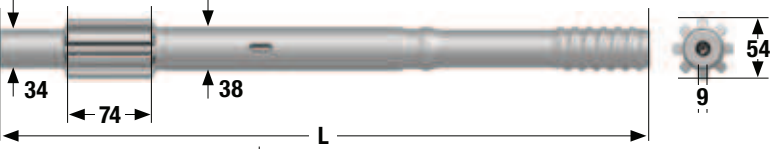
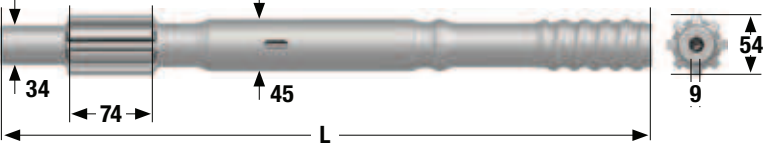

TU, B0	-	R32	340	7803-3588-01
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TU, B0	-	R38	340	7804-3575-01
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# Shank adapters

Atlas Copco

	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>Atlas Copco COP 1032 LE</b>					
	BE,DS	-	R32	550	7803-3576-01
<b>Atlas Copco COP 1036/1038 HB</b>					
	BE	-	R32	500	7803-3591-01
	BE	-	T38	500	7304-3591-01
	BE	-	T45	500	7305-3591-01
<b>Atlas Copco COP 1038 HD/1238</b>					
	TU	-	R32	485	7803-3590-03
	TU	-	R38	485	7804-3590-03
	TU	-	T38	485	7304-3590-03
<b>Atlas Copco COP 1038 HL</b>					
	BE,PD	-	R32	575	7803-3593-01
	BE,PD	-	T38	575	7304-3593-01
	BE,PD	-	T45	575	7305-3593-01
<b>Atlas Copco COP 1132</b>					
	PD	-	R32	410	7803-3581-01
	PD	-	R32	500	7803-3583-01

# Shank adapters

## Atlas Copco

	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>Atlas Copco COP 1238</b>					
	BE	–	R32	500	7803-3591-01
	BE	–	T38	500	7304-3591-01
	TU	–	R38	485	7804-3590-03
	TU	–	T38	485	7304-3590-03
	BE	–	T45	500	7305-3591-01
	BE,PD	–	R32	575	7803-3593-01
	BE,PD	–	T35	575	7307-3593-01
	BE,PD	–	T38	575	7304-3593-01
	BE,PD	–	T38	575	7304-3550-01
	BE,PD	–	T45	575	7305-3593-01
<b>Atlas Copco COP 1432, COP 1532, COP1440, COP1838 HD/ME</b>					
	TU	–	R38	435	7804-3652-01
	TU	–	T35	435	7307-3652-01
	TU	–	T38	435	7304-3652-01
	TU	–	R32	435	7803-3652-01
	BO	–	R32	525	7803-3656-01
	BE	–	T35	525	7307-3656-01
	BO	–	T38	525	7304-3656-01
<b>Atlas Copco COP 1432 Female</b>					
	TU	–	R38	341	7804-3670-02
	TU	–	R32	341	7803-3670-02

# Shank adapters

## Atlas Copco

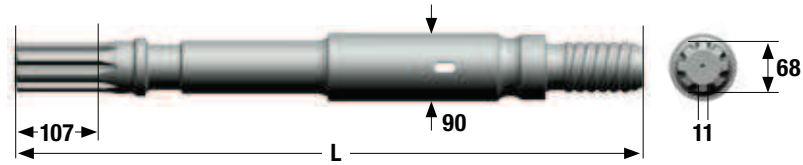
	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>Atlas Copco COP 1550, COP 1838 ME/ HE</b>					
	BE,PD	–	T38	525	7304-3655-01
	BE,PD	–	T45	525	7305-3655-01
	BE,PD	–	T51	525	7306-3655-02
<b>Atlas Copco COP 1550 EX, COP 1838 EX</b>					
	BE	–	T38	730	7304-3825-02
	BE	–	T45	730	7305-3826-02
<b>Atlas Copco COP 1840 HE, COP 1850</b>					
	BE,PD	–	T35	565	7307-3690-01
	BE,PD	–	T38	565	7304-3690-02
	BE,PD	–	T45	565	7305-3690-02
	BE,PD	–	T51	565	7306-3690-03
<b>Atlas Copco COP 2150, COP 2550</b>					
	BE	–	T51	770	7306-3692-01
<b>Atlas Copco COP 2160, COP 2560</b>					
	BE	–	T51	770	7306-3689-01
<b>Atlas Copco COP2160EX/2560EX</b>					
	BE	–	T51	770	7306-3699-01
	BE	–	GT60	770	7600-3699-01
<b>Atlas Copco COP 3038</b>					
	TU	–	T38	435	7304-3666-01
	TU	–	T45	435	7305-3667-01
	TU	–	T35	440	7307-3668-01
	TU,PD	–	T35	525	7307-3671-01

# Shank adapters

## Atlas Copco/Boart

	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
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### Atlas Copco COP 4050 MUX



PD	–	ST68	835	7329-3720-01
PD	–	ST58	835	7328-3720-01

### Boart HD 125, HD 150, HD 160



TU	–	R38	495	7804-4993-01
TU	–	T38	495	7304-4993-01

# Shank adapters

## Furukawa

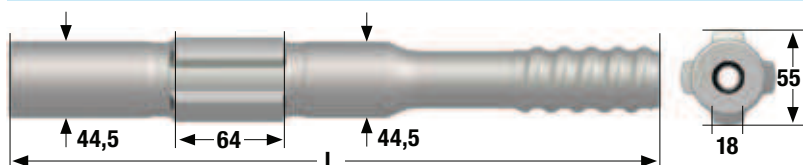
	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>Furukawa M 120 and PD 200</b>					
	BE	14	R32	330	7803-7500-61
	BE	14	T38	380	7304-7543-60
	BE	14	T38	446	7304-7500-60
<b>Furukawa PD 200R</b>					
	BE	14	T38	484	7304-7581-60
<b>Furukawa HD 260, HD 300</b>					
	BE	16	T38	655	7304-7526-80
	BE	16	T45	655	7305-7526-80
<b>Furukawa HD 609</b>					
	BE	-	T38	620	7304-4791-01
	BE	-	T38	690	7304-4780-01
	BE	-	T45	620	7305-4791-01
<b>Furukawa HD 612</b>					
	BE	-	T45	710	7305-7414-01
<b>Furukawa HD 709</b>					
	BE	-	T38	620	7304-7426-01
<b>Furukawa HD 712</b>					
	BE	-	T45	788	7305-7417-01

# Shank adapters

## Gardner-Denver, Ingersoll-Rand and Klemm

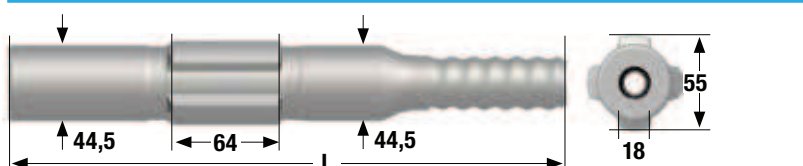
	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
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### Gardner-Denver PR 123



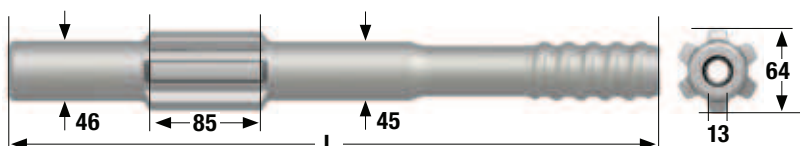
TU,BE	14	R32	330	7803-7500-61
TU,BE	14	R32	380	7803-7543-60
TU	14	R38	350	7804-7500-60
TU,BE	14	T38	446	7304-7500-60
TU,BE	14	T38	380	7304-7543-60

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



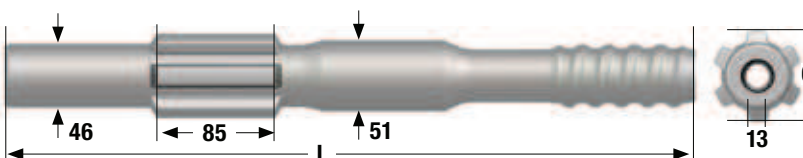
BE	14	R32	330	7803-7500-61
BE	14	R32	380	7803-7543-60
BE	14	T38	380	7304-7543-60
BE	14	T38	446	7304-7500-60

### Ingersoll-Rand YH 65, YH 80



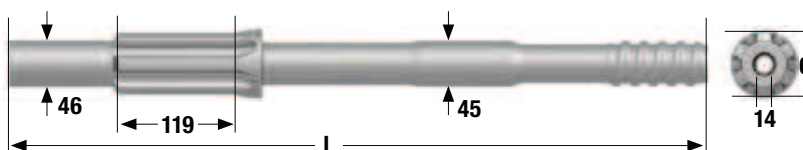
BE	19	T38	495	7304-7525-19
BE	19	T45	500	7305-7525-19

### Ingersoll-Rand YH 80 A



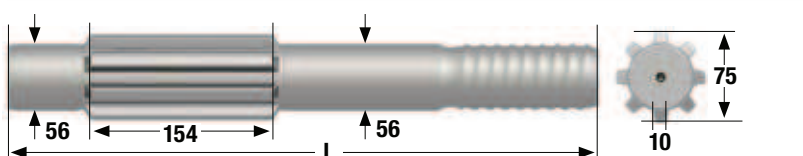
BE	19	T45	495	7305-7559-19
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### Ingersoll-Rand YH 65 RP, YH 70 RP, YH 75 RP, YH 80 RP



BE	19	T45	700	7305-7546-19
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### Klemm 4053



BE	–	R55	500	7805-6015 <sup>1)</sup>
BE	–	R55	500	7805-7015 <sup>2)</sup>

<sup>1)</sup> LH-Rotation  
<sup>2)</sup> RH-Rotation



# Shank adapters

## Montabert

	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
<b>Montabert HC40</b>					
	BE	–	R32	447	7803-4725-01
	BE	–	R38	447	7804-4725-01
	BE	–	T38	447	7304-4725-01
<b>Montabert HC40 (female)</b>					
	TU, BO	–	R32	270	7803-4726-01
<b>Montabert HC 80, HC 90, HC 105</b>					
	TU	–	R38	440	7804-4720-01
	TU	–	T38	440	7304-4720-01
<b>Montabert H 100</b>					
	BE	14	T38	537	7304-7502-60
<b>Montabert HC 80R, HC 105R, HC 107R, HC 108R, HC 109R</b>					
	BE	–	T38	670	7304-7544-01
<b>Montabert HC 80, HC 120</b>					
	BE	–	T45	490	7305-7520-01
<b>Montabert HC 120R, HC 150R, HC 155R, HC 158R</b>					
	BE	–	T51	670	7306-7528-02
<b>Montabert HC 200A</b>					
	BE	–	T51	840	7306-7530-02
	BE	–	GT60	840	7600-7530-02

# Shank adapters

**SIG**

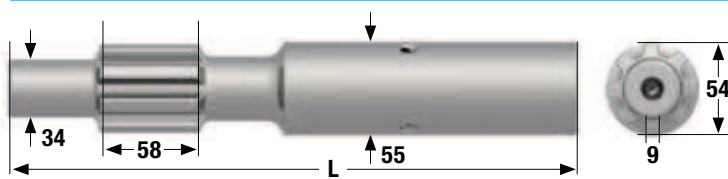
	Applica- tion	Flushing hole (mm)	Thread	Length (mm)	Part No.
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**SIG HBM 50, 100 and 120**



B0	–	R32	340	7803-3588-01
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**SIG HBM 100 and 120**



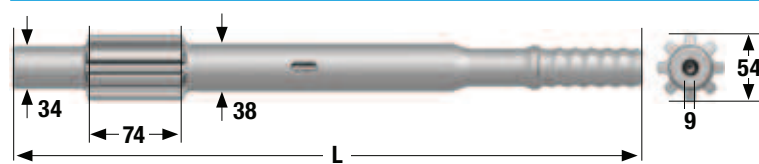
TU, B0	–	R38	340	7804-3575-01
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**SIG HBM 50, 100 and 120**



BE, DS	–	R32	550	7803-3576-01
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**SIG 101**



BE	–	R32	500	7803-3591-01
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