





河南千王钎具有限责任公司
HENAN KINGS ROCK TOOLS CO.,LTD.

PRODUCE PREMIUM HOLLOW DRILL STEEL
CREATE TOP BRAND OF ROCK TOOLS



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WELCOME TO OUR COMPANY



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> COMPANY PROFILE

Henan Kings Rock Tools Co., Ltd. is a modern high-tech enterprise specializing in the research and manufacturing of hollow drill steel and rock drilling tools. The products are mainly used in mining, quarrying, tunnel, construction and related industries.

Original founded in 1977, located in Zhoukou City, Henan, China, factory area about 100,000 m³, 260 staff. It has 2 sets of drill steel rolling production lines, physical and chemical laboratory of the product quality control center, product research and development center, CNC lines, carburizing and normalizing heat treatment lines, etc. The annual capacity is about 50,000 tons of drill steel and more than 300,000 pcs drill rods.

Kings Rock Tools has become an important part of the supply chain of rock drilling tools in the whole industry. It adheres to the unremitting pursuit of product quality, and through continuous technological progress, ensures that product quality is at the forefront of the industry. At the same time, we strive to provide customers with more economical and efficient rock drilling tool solutions.



■ VISION

Produce premier hollow drill steel, create top brand of rock tools

■ CULTURE

Let's make a great company together

■ MISSION

Build an international advanced rock drilling tools production base

■ BUSINESS PHILOSOPHY

Market-oriented, Customer-centered.

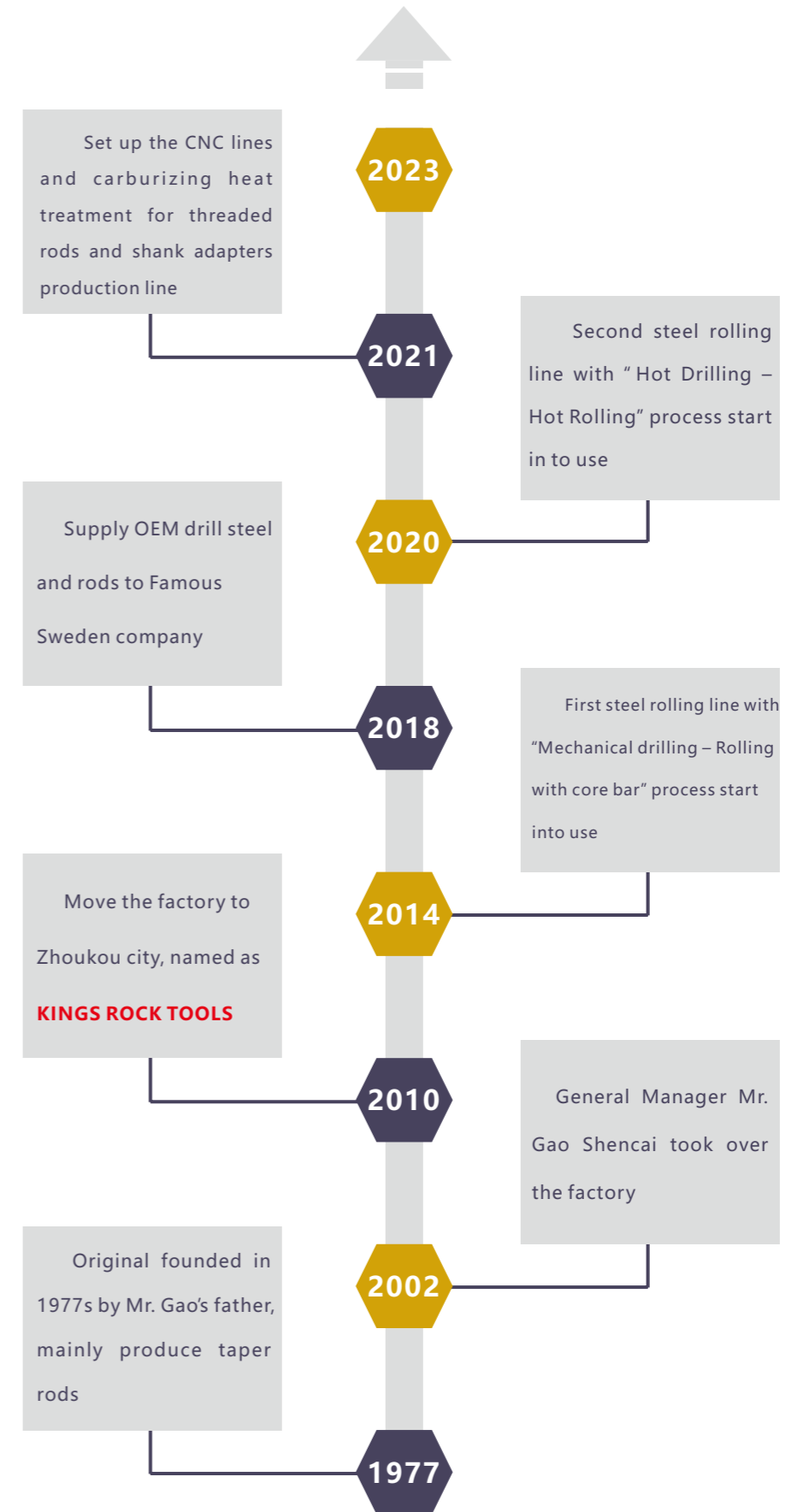
■ COREVALUE

Favor staffs, benefit clients, society responsible

■ OPERATION GUIDE

Full participation, strengthen management, keep improving the product quality

> OUR STORY



COMPANY AWARD



High Technology Enterprises



SRDI Minor Enterprise



Provincial Enterprise Technology R&D Center



ISO9001
Quality System
Certification



ISO14001
Environmental System
Certification



ISO45110
Occupational Health
Certification



Invention Patent



Invention Patent

OUR CAPABILITIES AND ADVANTAGES

QUALITY

Strict quality inspection in every process during production

EXPERIENCE

Many employees have been with Kings for over 10 years

INNOVATION

Many experts research new materials for a longer service life

FAST DELIVERY

Lots of raw material in stock, short delivery time

PROFESSIONAL

Focused on drill steel and drill rods for over 45 years

EXCELENTE SERVICIO

Nunca eludir la responsabilidad, ayudar a los clientes a resolver el problema en el lugar de trabajo.

PRECISION

Market leading precision tolerance

RAW MATERIAL

only choose superior quality steel suppliers

QUALITY ASSURANCE TEST METHODS

HARDNESS ANALYSER



CARBON & SULPHUR ANALYSE



METALLOGRAPHIC ANALYSIS



PROFILOMETER



RAW MATERIAL INSPECTION

QUALITY INSPECTION

QUALITY PROBLEM ANALYSIS

NEW PRODUCT RESEARCH

MEDICIONES DE CALIDAD

- Quality measurements
- Hardness testing
- Carbide phase measurement
- Sulphide phase measurement
- Case hardening depth measurement

- Tensile / pressure testing
- Density measurement
- Carbon analytics
- MPolished CT specimens
- Thread contour measurement

➤ HOLLOW ROCK DRILL STEEL PRODUCTION LINE

STEEL ROLLING DIVISION: WORKSHOP (1)

PROSPECTING METHOD: Mechanical piercing - Rolling with coring bar



STEEL ROLLING DIVISION: WORKSHOP (2)

PROCESS METHOD: Hot Punching - Hot Rolling

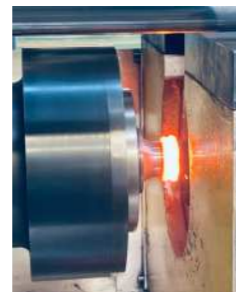


➤ ROCK DRILLING TOOLS DIVISION

Taper rods workshop

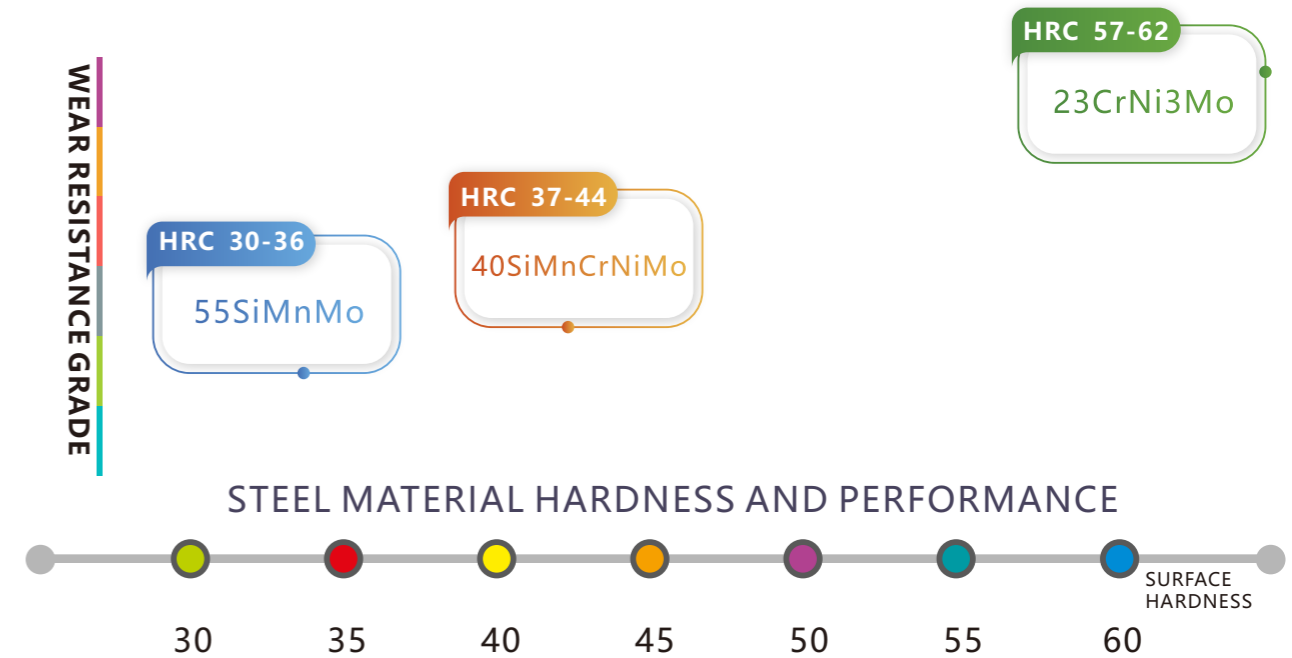


Thread rods work shop



➤ BASEMENT OF TOP HAMMER ROCK DRILLING TOOL

Hollow rock drill steel is the main semi-product of the rock drilling rods, coupling and shank adapters, mainly has Hex and round type. Kings Rock Tools as the main supplier of drill steel to the top hammer rock drilling tools industrial, has 2 sets of steel rolling production lines with "Mechanical drilling - Rolling with core bar" and "Hot Drilling - Hot Rolling" technology process.



HOLLOW DRILL STEEL

Hex Series	Model	Diameter	Hole Dia.	Weight
		mm	mm	kg/m
	H19	19	6	2.21
	H22	22.2	6.7	3.05
	H25	25.3	7.6	3.97
	H28	28.6	8.9	5.05
	H32	32	9.5	6.36
	H35	35	9.5	7.86

Round Series	Model	Diameter	Hole Dia.	Weight
		mm	mm	kg/m
	R32	32.2	9.3	5.83
	R39	39	14.5	8.02
	R46	45.8	17	11.07
	R52	52	21.5	13.72
	R56	56	35	11.79
	R60	60	36	14.23



PRODUCTS DISPLAY

HOLLOW DRILL STEEL 09 ▲

TAPERED ROD 12-13 ▲

H22x108 mm (7/8"x4 1/4"), Taper7°
 H22x108 mm (7/8"x4 1/4"), Taper11°
 H22x108 mm (7/8"x4 1/4"), Taper12°
 H25x108 mm (1"x4 1/4"), Taper7°
 H25x159 mm (1"x6 1/4"), Taper7°

SHANK ROD 14 ▲

H22x108 mm (7/8"x4 1/4"), R22
 H22x108 mm (7/8"x4 1/4"), R25

EXTENSION ROD 15 ▲

R22-H22-R22 R25-H25-R25 R32-R32-R32 T38-R39-T38
 T38-H32-T38 T45-R46-T45 T51-R52-T51 T60-R60-T60

DRIFTER ROD 16-17 ▲

R32-H25-R25 R32-H28-R28 R38-H32-R32 T38-H32-R32
 T38-H35-R32 T38-H35-R35 T38-R39-R35

MF ROD 18-19 ▲

R32-R32-R32 T38-H35-R32 T35-R39-R35 T35-R39-T35
 T38-R39-T38 T45-R46-T45 T51-R52-T51 T60-R60-T60

GUIDE TUBE 20 ▲

R32-G46-R32 T38-G56-T38 T45-G64-T45
 T51-G76-T51 ST58-G76-ST58 ST68-G87-ST68

AUXILIARY TOOLS 21-22 ▲

COUPLING SLEEVE
 CROSSOVER COUPLINGS
 BIT ADAPTERS

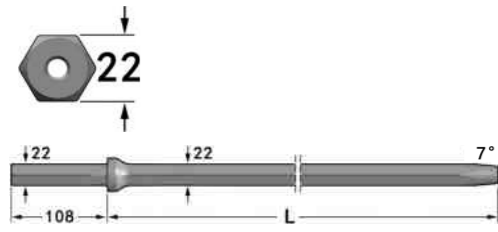
COUPLING SLEEVE 23-31 ▲

Atlas Copco
 Sandvik
 Furukawa
 Montabert
 Ingersoo-rand

TAPERED ROD

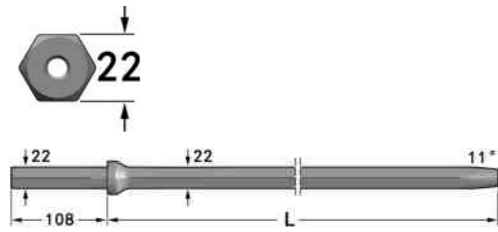
7°

H22x108 mm (7/8"x4 1/4")	Taper	Length		Weight	Part no.
		mm	ft/in	kg	
	7°	500	1'5/8"	1.5	TR-108H227-500-R23
	7°	800	2'7 1/2"	2.4	TR-108H227-800-R23
	7°	1000	3'3 3/8"	3.0	TR-108H227-1000-R23
	7°	1200	3'11 1/4"	3.6	TR-108H227-1200-R23
	7°	1500	4'11"	4.68	TR-108H227-1500-R23
	7°	1800	5'10 7/8"	5.5	TR-108H227-1800-R23
	7°	2000	6'7"	6.2	TR-108H227-2000-R23
	7°	2200	7'2 5/8"	6.7	TR-108H227-2200-R23
	7°	2500	8'2"	7.73	TR-108H227-2500-R23
	7°	3000	9'10"	9.25	TR-108H227-3000-R23
	7°	3500	11'5"	10.78	TR-108H227-3500-R23
	7°	4000	13'1"	12.3	TR-108H227-4000-R23
	7°	4500	14'8"	13.83	TR-108H227-4500-R23
	7°	5000	16'4 5/8"	15.12	TR-108H227-5000-R23
	7°	6000	19'8 1/4"	18.2	TR-108H227-6000-R23
	7°	7000	22'11 5/8"	21.34	TR-108H227-7000-R23
	7°	8000	26'3"	24.31	TR-108H227-8000-R23



11°

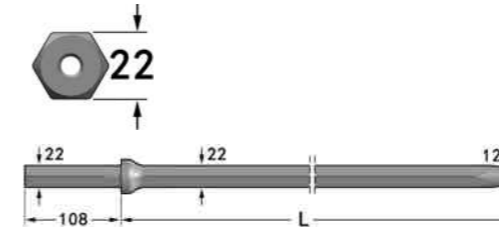
H22x108 mm (7/8"x4 1/4")	Taper	Length		Weight	Part no.
		mm	ft/in	kg	
	11°	610	2'	2.2	TR-108H2211-610-R23
	11°	800	3'3"	2.78	TR-108H2211-800-R23
	11°	1220	4'	4.06	TR-108H2211-1220-R23
	11°	1830	6'	5.92	TR-108H2211-1830-R23
	11°	2000	6'7"	6.44	TR-108H2211-2000-R23
	11°	2435	8'	7.76	TR-108H2211-2435-R23
	11°	3050	10'	9.64	TR-108H2211-3050-R23
	11°	3660	12'	11.5	TR-108H2211-3660-R23
	11°	4000	13'1"	12.54	TR-108H2211-4000-R23
	11°	4800	15'9"	14.98	TR-108H2211-4800-R23
	11°	5600	18'4"	17.42	TR-108H2211-5600-R23
	11°	6400	21'	19.86	TR-108H2211-6400-R23
	11°	7200	23'6"	22.3	TR-108H2211-7200-R23
	11°	8000	26'2"	24.74	TR-108H2211-8000-R23



TAPERED ROD

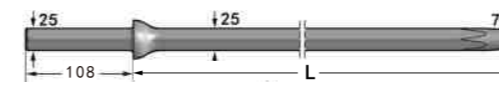
12°

H22x108 mm (7/8"x4 1/4")	Taper	Length		Weight	Part no.
		mm	ft/in	kg	
	12°	610	2'	2.2	TR-108H2212-610-R23
	12°	800	3'3"	2.78	TR-108H2212-800-R23
	12°	1220	4'	4.06	TR-108H2212-1220-R23
	12°	1830	6'	5.92	TR-108H2212-1830-R23
	12°	2000	6'7"	6.44	TR-108H2212-2000-R23
	12°	2435	8'	7.76	TR-108H2212-2435-R23
	12°	3050	10'	9.64	TR-108H2212-3050-R23
	12°	3660	12'	11.5	TR-108H2212-3660-R23
	12°	4000	13'1"	12.54	TR-108H2212-4000-R23
	12°	4800	15'9"	14.98	TR-108H2212-4800-R23
	12°	5600	18'4"	17.42	TR-108H2212-5600-R23
	12°	6400	21'	19.86	TR-108H2212-6400-R23
	12°	7200	23'6"	22.3	TR-108H2212-7200-R23
	12°	8000	26'2"	24.74	TR-108H2212-8000-R23



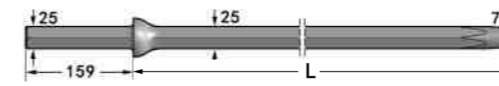
7°

H25x108 mm (1"x4 1/4")	Taper	Length		Weight	Part no.
		mm	ft/in	kg	
	7°	1500	4'11"	5.9	TR-108H257-1500-R23
	7°	1600	5'3"	6.3	TR-108H257-1600-R23
	7°	1800	5'10 7/8"	7.1	TR-108H257-1800-R23
	7°	2000	6'6 3/4"	7.9	TR-108H257-2000-R23
	7°	2500	8'2 3/8"	9.9	TR-108H257-2500-R23
	7°	3000	9'10 1/8"	11.9	TR-108H257-3000-R23
	7°	4000	13'1 1/2"	15.9	TR-108H257-4000-R23



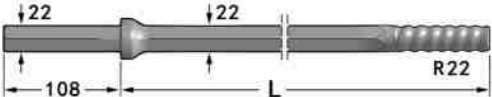
7°

H25x159 mm (1"x6 1/4")	Taper	Length		Weight	Part no.
		mm	ft/in	kg	
	7°	4000	13'1"	16.65	TR-159H257-4000-R23
	7°	4700	15'4"	18.9	TR-159H257-4700-R23
	7°	5000	16'4"	22.1	TR-159H257-5000-R23
	7°	5500	18'1"	22.1	TR-159H257-5500-R23

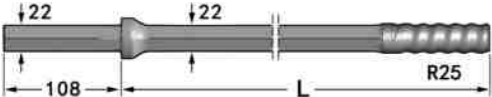


SHANK ROD

R22

H22x108 mm (7/8"x4 1/4")	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	R22	255	10 3/64"	22	7/8"	1.12	SR-108H22R22-255-R23
	R22	1000	3'3"	22	7/8"	3.39	SR-108H22R22-1000-R23

R25

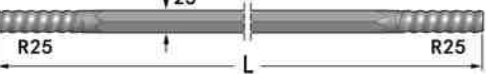
H22x108 mm (7/8"x4 1/4")	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	R25	255	10 3/64"	22	7/8"	1.14	SR-108H22R25-255-R23
	R25	800	2'7"	22	7/8"	2.78	SR-108H22R25-800-R23
	R25	1000	3'3"	22	7/8"	3.39	SR-108H22R25-1000-R23

EXTENSION ROD

R22

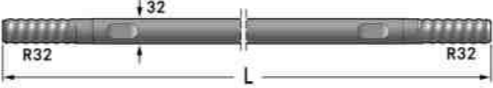
R22-H22-R22	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	R22	800	2'7"	22	7/8"	2.44	MM-R22-H22-R22-800-R23
	R22	1200	3'11"	22	7/8"	3.66	MM-R22-H22-R22-1200-R23
	R22	1600	5'3"	22	7/8"	4.88	MM-R22-H22-R22-1600-R23
	R22	2000	6'7"	22	7/8"	6.1	MM-R22-H22-R22-2000-R23
	R22	2435	8'	22	7/8"	7.44	MM-R22-H22-R22-2435-R23

R25


R25-H25-R25	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	R25	915	2'7"	25	1"	3.66	MM-R25-H25-R25-915-R23
	R25	1220	3'11"	25	1"	4.88	MM-R25-H25-R25-1220-R23
	R25	1525	5'3"	25	1"	6.1	MM-R25-H25-R25-1525-R23
	R25	1830	6'7"	25	1"	7.32	MM-R25-H25-R25-1830-R23
	R25	2435	8'	25	1"	9.74	MM-R25-H25-R25-2435-R23
	R25	3050	10'	25	1"	12.2	MM-R25-H25-R25-3050-R23

EXTENSION ROD

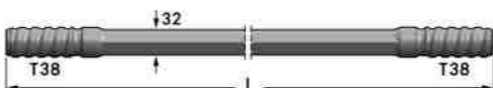
R32

R32-R32-R32	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	R32	915	3'	32	1 1/4"	5.4	MM-R32-R32-R32-915-R23
	R32	1220	4'	32	1 1/4"	7.2	MM-R32-R32-R32-1220-R23
	R32	1525	5'	32	1 1/4"	9.0	MM-R32-R32-R32-1525-R23
	R32	1830	6'	32	1 1/4"	10.8	MM-R32-R32-R32-1830-R23
	R32	2435	8'	32	1 1/4"	14.3	MM-R32-R32-R32-2435-R23
	R32	3050	10'	32	1 1/4"	17.9	MM-R32-R32-R32-3050-R23
	R32	3660	12'	32	1 1/4"	21.5	MM-R32-R32-R32-3660-R23

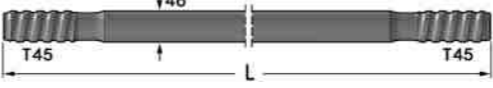
T38

T38-R39-T38	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	T38	1220	4'	39	1 1/2"	9.9	MM-T38-R39-T38-1220-R23
	T38	1525	5'	39	1 1/2"	12.4	MM-T38-R39-T38-1525-R23
	T38	1830	6'	39	1 1/2"	14.9	MM-T38-R39-T38-1830-R23
	T38	3050	10'	39	1 1/2"	24.7	MM-T38-R39-T38-3050-R23
	T38	3660	12'	39	1 1/2"	29.7	MM-T38-R39-T38-3660-R23

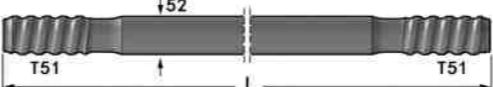
T38

T38-H32-T38	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	T38	3050	10'	32	1 1/4"	19.6	MM-T38-H32-T38-3050-R23
	T38	3660	12'	32	1 1/4"	22.1	MM-T38-H32-T38-3660-R23


T45

T45-R46-T45	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	T45	3050	10'	45	1 3/4"	34.2	MM-T45-R46-T45-3050-R23
	T45	3660	12'	45	1 3/4"	41.0	MM-T45-R46-T45-3660-R23
	T45	4265	14'	45	1 3/4"	47.8	MM-T45-R46-T45-4265-R23
	T45	4880	16'	45	1 3/4"	54.9	MM-T45-R46-T45-4880-R23
	T45	6095	20'	45	1 3/4"	68.9	MM-T45-R46-T45-6095-R23

T51

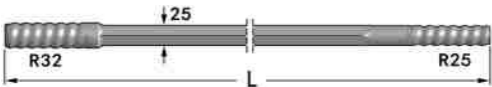
T51-R52-T51	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	T51	1830	6'	51	2"	25.3	MM-T51-R52-T51-1830-R23
	T51	3660	12'	51	2"	50.9	MM-T51-R52-T51-3660-R23
	T51	4265	14'	51	2"	59.4	MM-T51-R52-T51-4265-R23
	T51	6095	20'	51	2"	84.8	MM-T51-R52-T51-6095-R23

T60

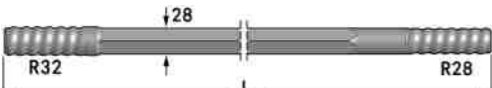
T60-R60-T60	Thread	Length		Diameter		Weight	Part no.
		mm	ft/in	mm	inch	kg	
	T60	3660	12'	60	2 3/8"	73.0	MM-T60-R60-T60-3660-R23
	T60	4265	14'	60	2 3/8"	82.0	MM-T60-R60-T60-4265-R23
	T60	6095	20'	60	2 3/8"	110.0	MM-T60-R60-T60-6095-R23

DRIFTER ROD

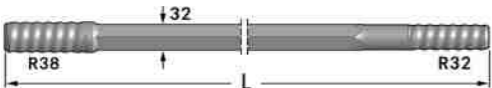
R25/R32

R32-H25-R25	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R25/R32	2200	7'2 5/8"	25	1"	8.9	MM-R32-H25-R25-2200-R23
	R25/R32	2400	7'10 1/2"	25	1"	9.7	MM-R32-H25-R25-2400-R23
	R25/R32	2600	8'6 3/8"	25	1"	10.5	MM-R32-H25-R25-2600-R23
	R25/R32	2800	9'2 1/4"	25	1"	11.3	MM-R32-H25-R25-2800-R23
	R25/R32	3090	10'1 5/8"	25	1"	12.4	MM-R32-H25-R25-3090-R23
	R25/R32	3700	12'1 5/8"	25	1"	14.9	MM-R32-H25-R25-3700-R23


R28/R32

R32-H28-R28	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R28/R32	2400	7'10 1/2"	28	1 1/8"	12.3	MM-R32-H28-R28-2400-R23
	R28/R32	2750	9'1/4"	28	1 1/8"	14.1	MM-R32-H28-R28-2750-R23
	R28/R32	3090	10'1 5/8"	28	1 1/8"	18.9	MM-R32-H28-R28-3090-R23
	R28/R32	3700	12'1 5/8"	28	1 1/8"	22	MM-R32-H28-R28-3700-R23
	R28/R32	4305	14'1 5/8"	28	1 1/8"	22	MM-R32-H28-R28-4305-R23

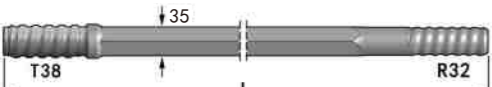
R32/R38

R38-H32-R32	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R32/R38	3090	10'1 5/8"	32	1 1/4"	19.8	MM-R38-H32-R32-3090-R23
	R32/R38	3700	12'1 5/8"	32	1 1/4"	23.7	MM-R38-H32-R32-3700-R23
	R32/R38	4305	14'1 5/8"	32	1 1/4"	27.6	MM-R38-H32-R32-4305-R23
	R32/R38	4915	16'1 3/4"	32	1 1/4"	31.5	MM-R38-H32-R32-4915-R23

R32/T38

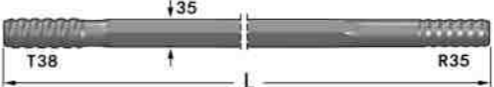
T38-H32-R32	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R32/T38	3700	12'1 5/8"	32	1 1/4"	23.7	MM-T38-H32-R32-3700-R23
	R32/T38	4305	14'1 5/8"	32	1 1/4"	27.6	MM-T38-H32-R32-4305-R23
	R32/T38	4915	16'1 3/4"	32	1 1/4"	31.5	MM-T38-H32-R32-4915-R23

R32/T38

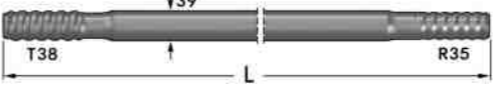
T38-H35-R32	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R32/T38	3090	10'1 5/8"	35	1 1/4"	19.8	MM-T38H35R32-3090-R23
	R32/T38	3700	12'1 5/8"	35	1 1/4"	23.7	MM-T38H35R32-3700-R23
	R32/T38	4305	14'1 5/8"	35	1 1/4"	27.6	MM-T38H35R32-4305-R23
	R32/T38	4915	16'1 3/4"	35	1 1/4"	31.5	MM-T38H35R32-4915-R23
	R32/T38	5525	18'1 3/4"	35	1 3/8"	43.7	MM-T38H35R32-5525-R23

DRIFTER ROD

R35/T38

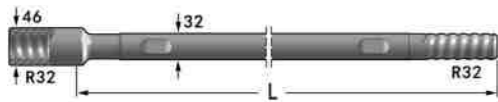
T38-H35-R35	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R35/T38	4305	14'1 5/8"	35	1 3/8"	34.1	MM-T38-H35-R35-4305-R23
	R35/T38	4915	16'1 3/4"	35	1 3/8"	38.9	MM-T38-H35-R35-4915-R23
	R35/T38	5525	18'1 3/4"	35	1 3/8"	43.7	MM-T38-H35-R35-5525-R23
	R35/T38	6095	20'1 1/8"	35	1 3/8"	48.2	MM-T38-H35-R35-6095-R23

R35/T38

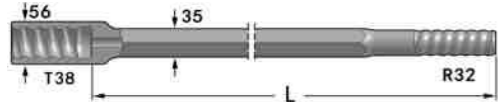
T38-R39-R35	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R35/T38	4305	14'1 5/8"	39	1 1/2"	35.0	MM-T38-R39-R35-4305-R23
	R35/T38	4915	16'1 3/4"	39	1 1/2"	39.9	MM-T38-R39-R35-4915-R23
	R35/T38	5525	18'1 3/4"	39	1 1/2"	44.8	MM-T38-R39-R35-5525-R23
	R35/T38	6095	20'1 1/8"	39	1 1/2"	49.5	MM-T38-R39-R35-6095-R23

MF ROD

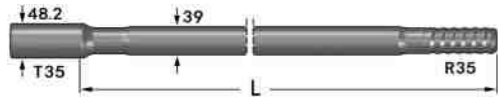
R32

R32-R32-R32	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R32	915	3'	32	1 1/4"	6.2	MF-R32-R32-R32-915-R23
	R32	1220	4'	32	1 1/4"	8	MF-R32-R32-R32-1220-R23
	R32	1525	5'	32	1 1/4"	9.8	MF-R32-R32-R32-1525-R23
	R32	1830	6'	32	1 1/4"	11.6	MF-R32-R32-R32-1830-R23
	R32	2435	8'	32	1 1/4"	15.1	MF-R32-R32-R32-2435-R23
	R32	3050	10'	32	1 1/4"	18.7	MF-R32-R32-R32-3050-R23
	R32	3660	12'	32	1 1/4"	22.3	MF-R32-R32-R32-3660-R23
	R32	3700	12' 1 5/8"	32	1 1/4"	9.4	MF-R32-R32-R32-3700-R23
	R32	4305	14' 1 5/8"	32	1 1/4"	12.9	MF-R32-R32-R32-4305-R23
	R32	4915	16' 1 3/4"	32	1 1/4"	17.4	MF-R32-R32-R32-4915-R23
	R32	5525	18' 1 3/4"	32	1 1/4"	20.6	MF-R32-R32-R32-5525-R23

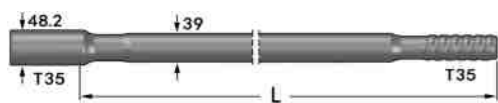
R32/T38

T38-H35-R32	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R32/T38	3700	12' 1 5/8"	35	1 3/8"	31.3	MF-T38-H35-R32-3700-R23
	R32/T38	4305	14' 1 5/8"	35	1 3/8"	36.1	MF-T38-H35-R32-4305-R23
	R32/T38	4915	16' 1 3/4"	35	1 3/8"	40.9	MF-T38-H35-R32-4915-R23
	R32/T38	5525	18' 1 3/4"	35	1 3/8"	45.7	MF-T38-H35-R32-5525-R23

R35/T35

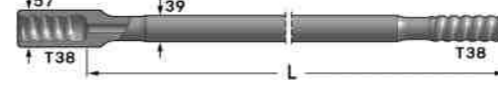
T35-R39-R35	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R35/T35	4310	14' 1 5/8"	39	1 1/2"	37	MF-T35-R39-R35-4310-R23
	R35/T35	4920	16' 1 3/4"	39	1 1/2"	41.9	MF-T35-R39-R35-4920-R23
	R35/T35	5525	18' 1 3/4"	39	1 1/2"	46.8	MF-T35-R39-R35-5525-R23
	R35/T35	6095	20' 1 1/8"	39	1 1/2"	51.5	MF-T35-R39-R35-6095-R23

T35


T35-R39-T35	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T35	1220	4'	39	1 1/2"	10.4	MF-T35-R39-T35-1220-R23
	T35	1525	5'	39	1 1/2"	12.8	MF-T35-R39-T35-1525-R23
	T35	1830	6'	39	1 1/2"	16.5	MF-T35-R39-T35-1830-R23
	T35	3050	10'	39	1 1/2"	26.7	MF-T35-R39-T35-3050-R23
	T35	3660	12'	39	1 1/2"	31.7	MF-T35-R39-T35-3660-R23
	T35	4265	14'	39	1 1/2"	36.6	MF-T35-R39-T35-4265-R23
	T35	4880	16'	39	1 1/2"	41.6	MF-T35-R39-T35-4880-R23

MF ROD


T38

T38-R39-T38	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T38	915	3'	39	1 1/2"	8.4	MF-T38-R39-T38-915-R23
	T38	1220	4'	39	1 1/2"	11.5	MF-T38-R39-T38-1220-R23
	T38	1525	5'	39	1 1/2"	14.0	MF-T38-R39-T38-1525-R23
	T38	1830	6'	39	1 1/2"	16.5	MF-T38-R39-T38-1830-R23
	T38	3050	10'	39	1 1/2"	26.4	MF-T38-R39-T38-3050-R23
	T38	3660	12'	39	1 1/2"	31.3	MF-T38-R39-T38-3660-R23
	T38	4265	14'	39	1 1/2"	36.2	MF-T38-R39-T38-4265-R23


T45

T45-R46-T45	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T45	1525	5'	45	1 3/4"	18.7	MF-T45-R46-T45-1525-R23
	T45	1830	6'	45	1 3/4"	22.1	MF-T45-R46-T45-1830-R23
	T45	3050	10'	45	1 3/4"	35.8	MF-T45-R46-T45-3050-R23
	T45	3660	12'	45	1 3/4"	42.6	MF-T45-R46-T45-3660-R23
	T45	4265	14'	45	1 3/4"	49.4	MF-T45-R46-T45-4265-R23
	T45	6095	20'	45	1 3/4"	70.0	MF-T45-R46-T45-6095-R23

T51

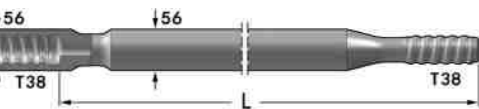
T51-R52-T51	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T51	1525	5'	51	2"	23.8	MF-T51-R52-T51-1525-R23
	T51	1830	6'	51	2"	28.1	MF-T51-R52-T51-1830-R23
	T51	3050	10'	51	2"	45.0	MF-T51-R52-T51-3050-R23
	T51	3660	12'	51	2"	53.5	MF-T51-R52-T51-3660-R23
	T51	4265	14'	51	2"	62.0	MF-T51-R52-T51-4265-R23
	T51	6095	20'	51	2"	87.4	MF-T51-R52-T51-6095-R23


T60


T60-R60-T60	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T60	3660	12'	60	2 3/8"	73.0	MF-GT60-R60-GT60-3660-R23
	T60	4265	14'	60	2 3/8"	82.0	MF-GT60-R60-GT60-4265-R23
	T60	6095	20'	60	2 3/8"	110.0	MF-GT60-R60-GT60-6095-R23

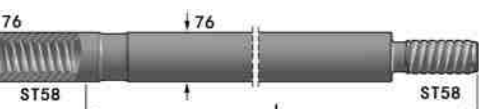
GUIDE TUBE

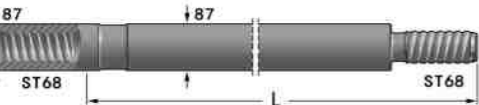
R32							
R32-G46-R32	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	R32	1830	6'	46	1 3/4"	16.0	GT-R32-R46-R32-1830-R23
	R32	3050	10'	46	1 3/4"	26.0	GT-R32-R46-R32-3050-R23

T38							
T38-G56-T38	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T38	1220	4'	56	1 13/64"	12.6	GT-T38-R56-T38-1220-R23
	T38	1525	5'	56	1 13/64"	14	GT-T38-R56-T38-1525-R23
	T38	1830	6'	56	1 13/64"	18.4	GT-T38-R56-T38-1830-R23
	T38	3660	12'	56	1 13/64"	33.8	GT-T38-R56-T38-3660-R23

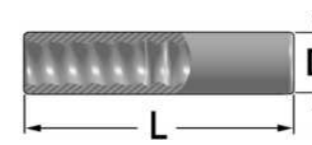
T45							
T45-G64-T45	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T45	1220	4'	64	2 1/2"	20.1	GT-T45-R64-T45-1220-R23
	T45	1525	5'	64	2 1/2"	21.8	GT-T45-R64-T45-1525-R23
	T45	1830	6'	64	2 1/2"	26.0	GT-T45-R64-T45-1830-R23
	T45	3660	12'	64	2 1/2"	49.9	GT-T45-R64-T45-3660-R23
	T45	3660	12'	76	3"	79.9	GT-T45-R76-T45-3660-R23

T51							
T51-G76-T51	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	T51	1830	6'	76	3"	40.0	GT-T51-R76-T51-1830-R23
	T51	3660	12'	76	3"	79.1	GT-T51-R76-T51-3660-R23
	T51	3660	12'	87	3 1/2"	90.9	GT-T51-R87-T51-3660-R23

ST58							
ST58-G76-ST58	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	ST58	1525	5'	76	3"	33.2	GT-ST58-R76-ST58-1525-R23
	ST58	1830	6'	76	3"	41	GT-ST58-R76-ST58-1830-R23

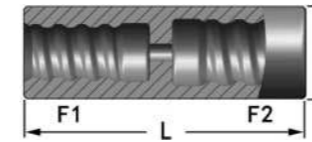
ST68							
ST68-G87-ST68	Thread	Length		Diameter		Weight kg	Part no.
		mm	ft/in	mm	inch		
	ST68	1525	5'	87	3 1/2"	40	GT-ST68-R87-ST68-1525-R23
	ST68	1830	6'	87	3 1/2"	47	GT-ST68-R87-ST68-1830-R23

COUPLING SLEEVE



Thread	Length		Diameter		Weight kg	Part no.
	mm	ft/in	mm	inch		
R22	140	5 1/2"	32	1 1/4"	0.6	CS-R22-32-140-R23
R25	150	5 7/8"	35	1 3/8"	0.7	CS-R25-35-150-R23
R25	160	6 1/4"	35	1 3/8"	0.7	CS-R25-35-160-R23
R28	160	6 1/4"	41	1 5/8"	1.0	CS-R28-41-160-R23
R32	150	5 7/8"	44	1 23/32"	1.0	CS-R32-44-150-R23
R38	170	6 3/4"	55	2 5/32"	1.9	CS-R38-55-170-R23
T38	190	6 1/8"	55	2 5/32"	2.0	CS-T38-55-190-R23
R35	160	6 1/4"	48	1 7/8"	1.2	CS-R35-48-160-R23
T45	210	8 1/8"	63	2 15/32"	2.7	CS-T45-63-210-R23
T45	210	8 1/8"	66	2 5/8"	3.2	CS-T45-66-210-R23
T51	235	8 7/8"	72	2 7/8"	4.0	CS-T51-72-235-R23
T51	235	8 7/8"	77	3 1/32"	4.6	CS-T51-77-235-R23
T60	315	1' 3/8"	85	3 11/32"	7.9	CS-T60-85-315-R23
T60	315	1' 3/8"	89	3 1/2"	8.2	CS-T60-89-315-R23

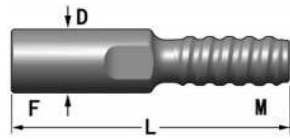
CROSSOVER COUPLINGS



Thread		Length		Diameter		Weight (Kg)	Part no.
F1	F2	mm	inch	mm	inch		
R25	R32	160	6 1/4"	43	1 3/4"	1.2	CC-R25/R32-43-160-R23
R28	R32	165	6 1/2"	44	1 3/4"	1.3	CC-R28/R32-44-165-R23
R32	R38	170	6 3/4"	55	2 5/32"	2.0	CC-R32/R38-55-170-R23
T38	R32	170	6 3/4"	55	2 5/32"	2.0	CC-T38/R32-55-170-R23
T38	R38	185	7 9/32"	55	2 5/32"	2.1	CC-T38/R38-55-185-R23
T38	T45	200	7 7/8"	58	2 9/32"	2.6	CC-T38/R45-58-200-R23
T45	T51	225	8 7/8"	72	2 27/32"	4.0	CC-T45/T51-72-225-R23

BIT ADAPTERS

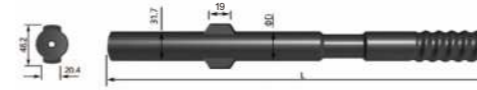
Wrech flat,mm	Threads		Length		Diameter		Weight	Part No.
	F	M	mm	inch	mm	inch		
38	R25	R32	185	7 9/32"	45	1 3/4"	1.3	BA-R25/R32-45-185-R23
38	R28	R32	230	9 1/16"	40	1 37/64"	1.4	BA-R28/R32-40-230-R23
38	R32	T38	225	8 55/64"	45	1 3/4"	1.9	BA-R32/T38-45-225-R23
38	R32	R38	225	8 55/64"	45	1 3/4"	1.8	BA-R32/R38-45-225-R23
38	T35	T38	250	9 27/32"	48	1 7/8"	1.9	BA-T35/T38-48-250-R23
44.5	R38	R32	245	9 21/32"	55	2 5/32"	2.3	BA-R38/R32-55-245-R23
44.5	R38	T38	245	9 21/32"	55	2 5/32"	2.4	BA-R38/T38-55-245-R23
44.5	T38	R32	270	10 41/64"	57	2 1/4"	2.6	BA-T38/R32-57-270-R23
44.5	T38	R38	280	11 1/32"	57	2 1/4"	3.2	BA-T38/R38-57-280-R23
44.5	T38	T45	285	11 7/32"	57	2 1/4"	3.3	BA-T38/T45-57-285-R23
44.5	T45	T38	265	10 7/32"	63	2 31/64"	2.9	BA-T45/T38-63-265-R23
44.5	T45	T51	285	11 7/32"	63	2 31/64"	3.7	BA-T45/T51-63-285-R23
44.5	T51	T45	285	11 7/32"	71	2 51/64"	4	BA-T51/T45-71-285-R23



ATLAS COPCO

BBC43, 44, 45, 100

Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	380	32	2	SA-BBC43-32R32-380-E23



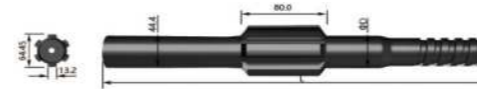
BBC51, 52, 54, 120

	R32	380	38	2.6	SA-BBC51-38R32-380-E23
	T38	390	38	3.1	SA-BBC51-38T38-390-E23



BBE57

	T38	537	45	5.3	SA-BBE57-45T38-537-E23
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COP125, 130, 131

	T38	380	38	3	SA-COP125-38T38-380-E23
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COP1032, 1032HD

	R32	340	45	3.4	SA-COP1032-45R32-340-E23
	R38	340	55	4.1	SA-COP1032-55R38-340-E23



COP1032

	R32	550	45	5	SA-COP1032-45R32-550-E23
	R38	550	45	5.4	SA-COP1032-45T38-550-E23



COP1036, 1038HB

	R32	500	38	4.1	SA-COP1036-38R32-500-E23
	T38	500	38	4.5	SA-COP1036-38T38-500-E23
	T45	500	45	5.1	SA-COP1036-45T45-500-E23



COP1036, 1038, 1238, 1038HD, 1238HD

	R32	485	38	4	SA-COP1036-38R32-485-E23
	R38	485	38	4.2	SA-COP1036-38R38-485-E23
	T38	485	38	4.2	SA-COP1036-38T38-485-E23




ADAPTADOR

ATLAS COPCO

COP1036, 1038, 1238

Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	575	38	4.7	SA-COP1036-38R32-575-E23
	T38	575	38	4.9	SA-COP1036-38T38-575-E23
	T45	575	45	5.8	SA-COP1036-45T45-575-E23
	T38	435	38	4	SA-COP1036-38T38-435-E23

COP1432, 1532, 1440, 1838HD/ME

	R32	435	38	3.8	SA-COP1432-38R32-435-E23
	R38	435	38	3.9	SA-COP1432-38R38-435-E23
	T35	435	38	3.8	SA-COP1432-38T35-435-E23
	T38	435	38	3.9	SA-COP1432-38T38-435-E23
	R32	525	38	4.1	SA-COP1432-38R32-525-E23
	T35	525	38	4.2	SA-COP1432-38T35-525-E23
	T38	525	38	4.4	SA-COP1432-38T38-525-E23

COP1432 FEMALE

	R32	341	55	4.7	SA-COP1432F-55R32-341-E23
	R38	341	55	4.4	SA-COP1432F-55R38-341-E23

COP1132

	R32	500	35	3.1	SA-COP1132-35R32-500-E23
	TC35	410	35	2.6	SA-COP1132-35TC35-500-E23

COP1838 MUX/HUX

	TC35	730	52	9.5	SA-COP1838MUX-52TC35-730-E23
	T38	730	52	9.6	SA-COP1838MUX-52T38-730-E23
	T45	730	52	9.9	SA-COP1838MUX-52T45-730-E23

COP1440, 1550, 1838ME/HE, 1838

	R32	525	52	5.7	SA-COP1440-52R32-525-E23
	T38	525	52	5.9	SA-COP1440-52T38-525-E23
	TC35	525	52	5.8	SA-COP1440-52TC35-525-E23
	T45	525	52	6.1	SA-COP1440-52T45-525-E23
	T51	525	52	6.5	SA-COP1440-52T51-525-E23

COP1550EX, 1838EX

	T38	730	60	9.8	SA-COP1550EX-60T38-730-E23
	T45	730	60	10.2	SA-COP1550EX-60T45-730-E23

ADAPTADOR

ATLAS COPCO

COP1840HE, 1850

Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	T35	565	52	6.6	SA-COP1840HE-52T35-565-E23
	T38	565	52	6.7	SA-COP1840HE-52T38-565-E23
	T45	565	52	6.9	SA-COP1840HE-52T45-565-E23
	T51	565	52	7.2	SA-COP1840HE-52T51-565-E23

COP1840HEX, 1850EX

	T45	770	60	10.8	SA-COP1840HEX-60T45-770-E23
	T51	770	60	10.9	SA-COP1840HEX-60T51-770-E23

COP2150, 2550

	T51	770	52	9.9	SA-COP2150-52T51-770-E23
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COP2160, 2560

	T51	770	60	11.2	SA-COP2160-60T51-770-E23
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COP2160EX

	T45	770	63	13.2	SA-COP2160EX-63T45-770-E23
	T51	770	63	13.3	SA-COP2160EX-63T51-770-E23

COP4050

	T51	605	52	8.9	SA-COP4050-52T51-605-E23
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ADAPTADOR

SANDVIK

HL300					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	400	32	2.6	SA-HL300-32R32-400-E23



HL300S					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	245	45	2.6	SA-HL300-45R32-245-E23



L400, L410, L500, L510, L550					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	380	32	2.1	SA-HL400-32R32-380-E23



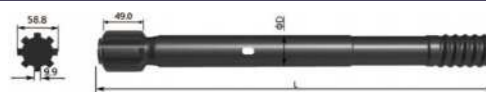
HLR438L, 438T					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	380	38	2.7	SA-HLR438L-38R32-380-E23
	T38	400	38	3.3	SA-HLR438L-38T38-400-E23



HLR438LS, 438TS, 538, 538L, L550S					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	450	38	3.7	SA-HLR438LS-38R32-450-E23
	R38	450	38	4.1	SA-HLR438LS-38R38-450-E23
	T38	455	38	4	SA-HLR438LS-38T38-450-E23
	T38	495	38	4.7	SA-HLR438LS-38T38-495-E23



HL500, 510					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	550	45	5.4	SA-HL500-45R32-550-E23
	T38	550	45	5.6	SA-HL500-45T38-550-E23
	T45	550	45	5.9	SA-HL500-45T45-550-E23



HL500S, 510S, 510B, 510LH					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	460	38	3.9	SA-HL500S-38R32-460-E23
	R38	460	38	4.2	SA-HL500S-38R38-460-E23
	T38	460	38	4	SA-HL500S-38T38-460-E23
	R38	500	38	4.4	SA-HL500S-38R38-500-E23
	T38	500	38	4.3	SA-HL500S-38T38-500-E23



HL500F, 520F					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	350	45	3.9	SA-HL500F-45R32-350-E23



HL550SUPER, 560SUPER, 510S					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
	R32	500	45	5.2	SA-HL550Super-45R38-500-E23
	T38	500	45	5.3	SA-HL550Super-45T38-500-E23



ADAPTADOR

SANDVIK

HLX5, HLX5T					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



	R32	500	45	5.1	SA-HLX5-45R32-500-E23
	T38	500	45	5.3	SA-HLX5-45T38-500-E23
	R38	500	45	5.3	SA-HLX5-45R38-500-E23
	R32	575	45	5.4	SA-HLX5-45R32-575-E23
	T38	575	45	5.7	SA-HLX5-45T38-575-E23
	T45	575	45	6.2	SA-HLX5-45T45-575-E23

HL600, HL600S					
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	R32	600	45	6.3	SA-HL600-45R32-600-E23
	T38	600	45	5.9	SA-HL600-45T38-600-E23
	T45	600	45	6.5	SA-HL600-45T45-600-E23
	T38	525	45	5.5	SA-HL600-45T38-525-E23
	T45	525	45	5.8	SA-HL600-45T45-525-E23

HL600					
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	T45	650	52	7.6	SA-HL600-52T45-650-E23
	T51	650	52	8.1	SA-HL600-52T51-650-E23

HL645					
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	T38	600	45	6.6	SA-HL645-45T38-600-E23
	T45	600	45	6.9	SA-HL645-45T45-600-E23

HL650, HL700, HL700T, HL710, HL800T					
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	T38	600	45	7	SA-HL650-45T38-600-E23
	T45	600	45	7.2	SA-HL650-45T45-600-E23

HL650, HL700, HL700PE, HL700S, HL710, HL710S, HL710PE, HL710SPE, HL800T, HL800PE					
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	T38	600	52	8	SA-HL650-52T38-600-E23
	T45	600	52	8.5	SA-HL650-52T45-600-E23
	T51	600	52	8.5	SA-HL650-52T51-600-E23

HL850S					
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	T45	670	52	9.5	SA-HL850S-52T45-670-E23
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HL1000, HL1000S					
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	T45	670	52	9.7	SA-HL1000-52T45-670-E23
	T51	670	52	10	SA-HL1000-52T51-670-E23
	T45	590	52	8.9	SA-HL1000-52T45-590-E23
	T51	590	52	9.3	SA-HL1000-52T51-590-E23

ADAPTADOR

SANDVIK

HL1000

Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
 T51	T51	670	60	12	SA-HL1000-60T51-670-E23
 GT60	GT60	670	60	13	SA-HL1000-60GT60-670-E23
 ST58	ST58	635	80	17	SA-HL1000-60ST58-635-E23

HL1000PE, HL1500PE, HL1560T

 T51	T51	760	65	16	SA-HL1000PE-65T51-760-E23
 GT60	GT60	760	65	17	SA-HL1000PE-65GT60-760-E23

HL1500, HL1500T

 T51	T51	710	52	11	SA-HL1500-52T51-710-E23
 T51	T51	760	60	13	SA-HL1500-60T51-760-E23
 GT60	GT60	760	60	15	SA-HL1500-60GT60-760-E23



RD520, RD525

 T38	T38	525	45	5.6	SA-RD520-45T38-525-E23
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ADAPTADOR

FURUKAWA

PD 200

Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.
 R32	R32	330	45	3	SA-PD200-45R32-330-E23
 T38	T38	380	45	3.6	SA-PD200-45T38-380-E23
 T38	T38	446	45	4	SA-PD200-45T38-446-E23

PD 200R

 T38	T38	485	45	5.2	
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HD 300

 T38	T38	655	45	6	SA-HD300-45T38-655-E23
 T45	T45	655	45	6.7	SA-HD300-45T45-655-E23

HD 609

 T38	T38	620	45	6	SA-HD609-45T38-620-E23
 T38	T38	690	45	6.4	SA-HD609-45T38-690-E23
 T45	T45	620	45	6.3	SA-HD609-45T45-620-E23
 T45	T45	710	51	8.9	SA-HD609-51T45-710-E23

HD 612

 T45	T45	710	51	8.9	SA-HD612-51T45-710-E23
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HD 709

 T36	T36	620	45	6.3	SA-HD709-45T36-620-E23
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HD 712

 T45	T45	790	51	9.5	SA-HD712-51T45-790-E23
 T51	T51	790	51	10.8	SA-HD712-51T51-790-E23

ADAPTADOR

MONTABERT

H100					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T38	537	45	5.3	SA-H100-45T38-537-E23
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HC40					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



R32	447	38	3.5	SA-HC40-38R32-447-E23
R38	447	38	4	SA-HC40-38R38-447-E23

HC40 FEMALE					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



R32	270	52	2.9	SA-HC40F-52R32-270-E23
R38	320	55	4.1	SA-HC40F-55R38-320-E23

HC80, HC90, HC105, HC120					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



R32	440	38	3.6	SA-HC80-38R32-440-E23
R38	440	38	3.9	SA-HC80-38R38-440-E23
T38	440	38	3.9	SA-HC80-38T38-440-E23
T38	500	38	4.2	SA-HC80-38T38-500-E23

HC80R, HC105R, HC107R, HC108R, HC109R					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T38	670	45	7.2	SA-HC80-45T38-670-E23
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HC80, HC120					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T45	490	45	5.6	SA-HC80-45T45-490-E23
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HC120RP, HC150RP, HC155RP, HC158RP					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T51	670	51	8.9	SA-HC120RP-51T51-670-E23
T45	670	51	8.8	SA-HC120RP-51T45-670-E23

HC200					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T51	840	51	13.2	SA-HC200-51T51-840-E23
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ADAPTADOR

MONTABERT

HC200A					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



GT60	850	60	16.8	SA-HC200A-60GT60-850-E23
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HC160, HC170					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T45	805	60	14.8	SA-HC160-60T45-805-E23
T51	805	60	14.9	SA-HC160-60T51-805-E23

INGERSOLL-RAND

URD475, URD550, VL120, EVL130, VL140, F16					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



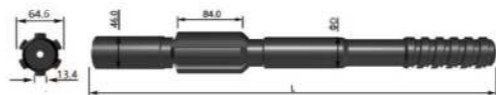
R32	330	45	3	SA-URD475-45R32-330-E23
R32	380	45	4.1	SA-URD475-45R32-380-E23
T38	380	45	3.6	SA-URD475-45T38-380-E23
T38	446	45	4	SA-URD475-45T38-446-E23

YH65, YH80					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T38	495	45	5.4	SA-YH65-45T38-495-E23
T45	495	45	5.5	SA-YH65-45T45-495-E23

YH80A					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



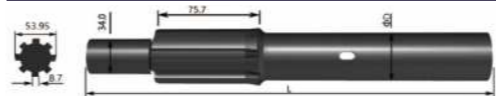
T45	495	51	6.1	SA-YH80A-51T45-495-E23
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YH65RP, YH70RP, YH75RP, YH80RP					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



T38	700	45	7.8	SA-YH65RP-45T38-700-E23
T45	700	45	7.9	SA-YH65RP-45T45-700-E23

HYDRASTAR 200					
Tipo	Thread (mm)	Length (mm)	Dia (mm)	Weight (kg)	Part No.



R32	351	45	3.7	SA-HS200-45R32-351-E23
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