

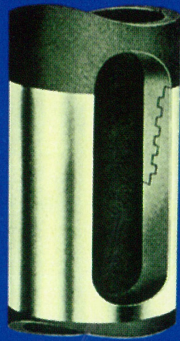
Wireline Drill Rods

Wire Line Rods with our own thread design are as dependable as you can get, featuring:

- Quick coupling and uncoupling
- Full wedge fit between mating threads, thus preventing entry of abrasive cuttings
- Remarkable strength and high torque capacity
- Tapered thread joint rods.

AQ, BQ, NQ, & HQ Rods are flush-joint design with / without hard chrome plating on the box end

PQ Rods are flush-couple design and an oversize specially heat treated high carbon alloy steel coupling is part of every PQ Rod.



Dimension

Specifications	EQ		AQ		BQ		NQ		HQ		PQ	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
Rod O.D.	1 3/8	34.9	1 3/4	44.5	2 3/16	55.6	2 3/4	69.9	3 1/2	88.9	4 1/2	114.3
Rod I.D.	1 3/16	26.5	1 3/8	34.9	1 13/16	46.0	2 3/8	60.3	3 1/16	77.8	4 1/16	103.2
Coupling O.D.	—	—	—	—	—	—	—	—	—	—	4 5/8	117.5
Coupling I.D.	—	—	—	—	—	—	—	—	—	—	4 1/16	103.2
Taper threads per in	4		4		3		3		3		3	

Unit Weight

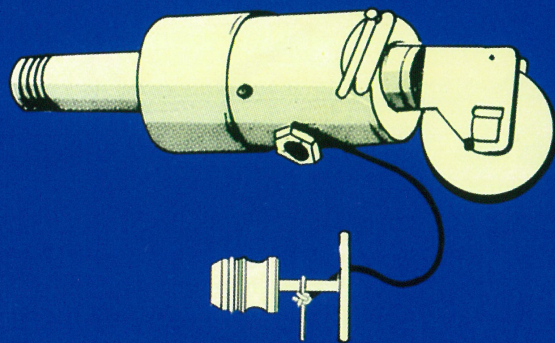
Length Feet	EQ		AQ		BQ		NQ		HQ		PQ	
	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2	3.7	1.7	5.3	2.4	6.8	3.1	8.6	3.9	12.8	5.8	17.2	7.8
3	7.1	3.2	10.6	4.8	13.7	6.2	17.2	7.8	25.6	11.6	34.4	15.6
5	10.6	4.8	15.7	7.1	20.3	9.2	25.8	11.7	38.4	17.4	52.2	23.7
10	21.2	9.6	31.3	14.2	40.1	18.2	51.4	23.3	76.1	34.5	102.3	46.5

UNDERGROUND WATER SWIVEL

The Underground Swivel is especially designed for use with all-angle *Wire Line* systems. It permits passage of the core barrel inner tube. Two fittings are furnished ... one for loading and pumping the inner tube into the hole; the other for retrieving the inner tube. The illustration shows the water swivel ready for hoisting. The alternate fitting is shown separately.

UNDERGROUND CONVERSION KIT

The Vertical Core Barrel can be easily converted to a Horizontal (Underground) Core Barrel by means of a Conversion Kit. The Kit comes assembled, ready for installation. Only the ball check spring, ball, locking coupling and drive coupling come as separate components.



WIRE LINE CORE BARRELS

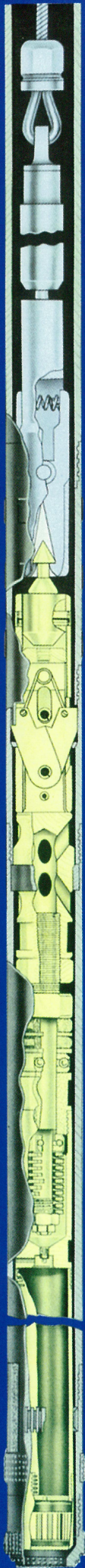
Wire Line Core Barrel is designed to obtain increased production and improved core recovery, and manufactured with our excellent workmanship and rigid inspection for its reputed quality.

FASTER PENETRATION

INCREASE CORE RECOVERY

LONGER BIT LIFE

LOWEST COST PER FOOT



K.MAIKAI CO.,LTD URL <http://www.kmaikai.co.jp>

HEAD OFFICE 8-1-10 Nishigotanda, Shinagawa-ku, Tokyo 141-0031
TEL 81-3-3490-8433 / FAX 81-3-3490-8622

SALES OFFICE Tokyo, Fukuoka, Osaka, Sapporo, Odate

CHIBA FACTORY 74 Sugaya, Isumi-shi Chiba-ken 298-0106
TEL 81-470-86-3012 / FAX 81-470-86-5364

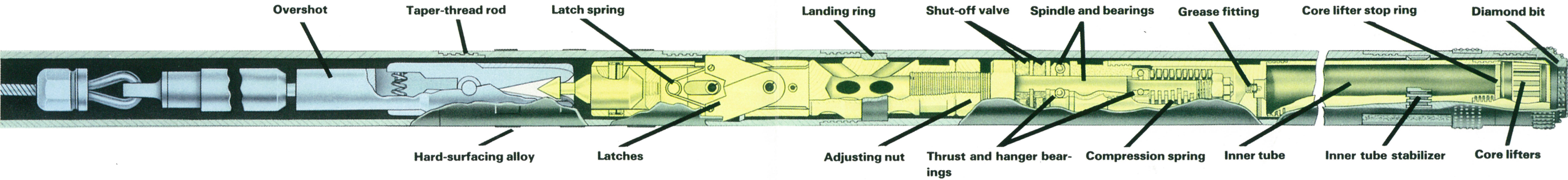
K.MAIKAI CO.,LTD

Wire Line Core Barrel Dimension:

	EQ-U		AQ		AQ-U		BQ		BQ-U		NQ		NQ-U		HQ		HQ-U		PQ	
	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm
Hole Diameter (Approx.)	1 ³¹ / ₆₄	37.7	1 ⁵⁷ / ₆₄	48.0			2 ²³ / ₆₄	60.0			2 ⁶³ / ₆₄	75.8			3 ²⁵ / ₃₂	96.0			4 ⁵³ / ₆₄	122.6
Core Diameter (Approx.)	2 ⁵ / ₃₂	20.0	1 ¹ / ₁₆	27.0			1 ⁷ / ₁₆	36.5			1 ⁷ / ₈	47.6			2 ¹ / ₂	63.5			3 ¹¹ / ₃₂	85.0
Shell-Set OD (Approx.)	1 ³¹ / ₆₄	37.7	1 ⁵⁷ / ₆₄	48.0			2 ²³ / ₆₄	60.0			2 ⁶³ / ₆₄	75.8			3 ²⁵ / ₃₂	96.0			4 ⁵³ / ₆₄	122.6
Bit-Set OD (Approx.)	1 ¹⁵ / ₃₂	37.3	1 ⁷ / ₈	47.6	Same		2 ¹¹ / ₃₂	59.5	Same		2 ¹⁵ / ₁₆	74.6	Same		3 ⁴⁹ / ₆₄	95.6	Same		4 ¹³ / ₁₆	122.0
Bit-Set ID (Approx.)	2 ⁵ / ₃₂	20.0	1 ¹ / ₁₆	27.0	as		1 ⁷ / ₁₆	36.5	as		1 ⁷ / ₈	47.6	as		2 ¹ / ₂	63.5	as		3 ¹¹ / ₃₂	85.5
Outer Tube OD	1 ²⁷ / ₆₄	36.0	1 ¹³ / ₁₆	46.0	AQ		2 ¹ / ₄	57.2	BQ		2 ⁷ / ₈	73.0	NQ		3 ⁵ / ₈	92.1	HQ		4 ⁵ / ₈	117.5
Outer Tube ID	1 ⁵³ / ₆₄	27.5	1 ⁷ / ₁₆	36.5			1 ¹³ / ₁₆	46.0			2 ³ / ₈	60.3			3 ¹ / ₁₆	77.8			4 ¹ / ₁₆	103.2
Inner Tube OD	6 ³ / ₆₄	25.0	1 ⁹ / ₃₂	32.5			1 ¹¹ / ₁₆	42.9			2 ³ / ₁₆	55.6			2 ⁷ / ₈	73.0			3 ³ / ₄	95.3
Inner Tube ID	2 ⁷ / ₃₂	21.5	1 ¹ / ₈	28.6			1 ¹ / ₂	38.1			1 ³¹ / ₃₂	50.0			2 ⁵ / ₈	66.7			3 ¹ / ₂	88.9

	Part Number	Weight Lbs.	Weight Kg	Part Number	Weight Lbs.	Weight Kg	Part Number	Weight Lbs.	Weight Kg	Part Number	Weight Lbs.	Weight Kg	Part Number	Weight Lbs.	Weight Kg	Part Number	Weight Lbs.	Weight Kg	Part Number	Weight Lbs.	Weight Kg
Core Barrel Ass'y, 5 ft.	11-0605	22	10.0	11-0676	35	16.0	11-0610	36	16.2	11-0680	54	24.2	11-0632	60	27.1	11-0684	95	43.0	11-0652	91.1	41.4
Inner Tube Ass'y, 5 ft.	11-0603	7	3.2	11-0674	11	4.9	11-0608	11	5.1	11-0678	21	9.5	11-0630	23	10.3	11-0682	38	17.1	11-0650	12.8	5.8
Outer Tube Ass'y, 5 ft.	11-0598	13	5.9	11-0120	19	8.6	11-0120	19	8.6	11-0154	29	13.2	11-0154	29	13.2	11-0189	44	20.0	11-0189	44.0	20.0
Core Barrel Ass'y, 10 ft.	11-0606	37	17.0	11-0677	58	26.3	11-0611	58	26.3	11-0681	84	38.2	11-0633	93	42.0	11-0685	139	62.9	11-0653	138.3	62.9
Inner Tube Ass'y, 10 ft.	11-0604	10	4.7	11-0675	16	7.3	11-0609	17	7.5	11-0679	28	12.7	11-0631	31	14.2	11-0683	47	21.4	11-0651	25.0	11.3
Outer Tube, 10 ft.	11-0599	24	10.9	11-0121	35	15.9	11-0121	35	15.9	11-0155	47	21.4	11-0155	53	24.1	11-0190	79	35.9	11-0190	79.0	35.9
Core Barrel Ass'y, 15 ft.	—	—	—	—	—	—	—	—	—	—	15	52.2	—	—	—	—	183	82.9	—	—	—
Inner Tube Ass'y, 15 ft.	—	—	—	—	—	—	—	—	—	—	35	15.8	—	—	—	—	56	25.4	—	—	—
Outer Tube Ass'y, 15 ft.	—	—	—	—	—	—	—	—	—	—	77	35.0	—	—	—	—	114	51.8	—	—	—
Overshot Ass'y	11-0536	1.1	0.5	11-0427	15	6.8	11-0518	2	0.8	11-0404	20	9.1	11-0504	8	3.5	11-0414	32	14.5	11-0530	9.6	4.4
																11-0424	37	16.8	11-0690	14.3	6.5
																			11-0907	73.7	33.4

AQ, BQ, NQ, HQ, PQ Wire Line Core Barrels. (Vertical and inclination holes)



EQ-U, AQ-U, BQ-U, NQ-U, HQ-U Wire Line Core Barrels. (Horizontal and inclination holes)

