



AC HONED TUBE (PTY) LTD ☎ 011 900 1413
AC HARD CHROME cc ☎ 011 900 1720
AC COMPONENTS cc ☎ 011 900 3790
AC FINE FINISHED PRODUCTS cc ☎ 011 900 1722

info@achonedtube.co.za

SERVICES



HONING

- Ø30mm to Ø1100mm, up to 20m long



SKIVE&BURNISHING

- Ø40mm to Ø250mm and also Ø350mm up to 8m long



DEEP HOLE DRILLING

- Up to Ø1100mm, up to 12m long



BORING

- Up to Ø1100mm, up to 12m long



CHROMING

- Ø1m, up to 15m long
- Internal Ø800mm, up to 2.5M long



CYLINDER PRESSURE TESTING

- Up to 600 bar and 20m long



PEELING

- Up to Ø130mm, up to 12m long



STRAIGHTENING

- Shafts up to Ø 200mm, 12 m long



Turning; CNC Machining; Milling and Drilling

- General engineering
- Turning: Ø1250mm swing over bed, up to 11m between centres
- Cnc machining Ø1250mm any length, Ø420mm spindle bore, 6m b/c



GRINDING

- Cylindrical: Ø1.2 m, up to 13 m long
- Internal: from 150mm up to 750mm, 2.5 m long (max OD 800 mm)
- Centre-less: up to Ø300mm

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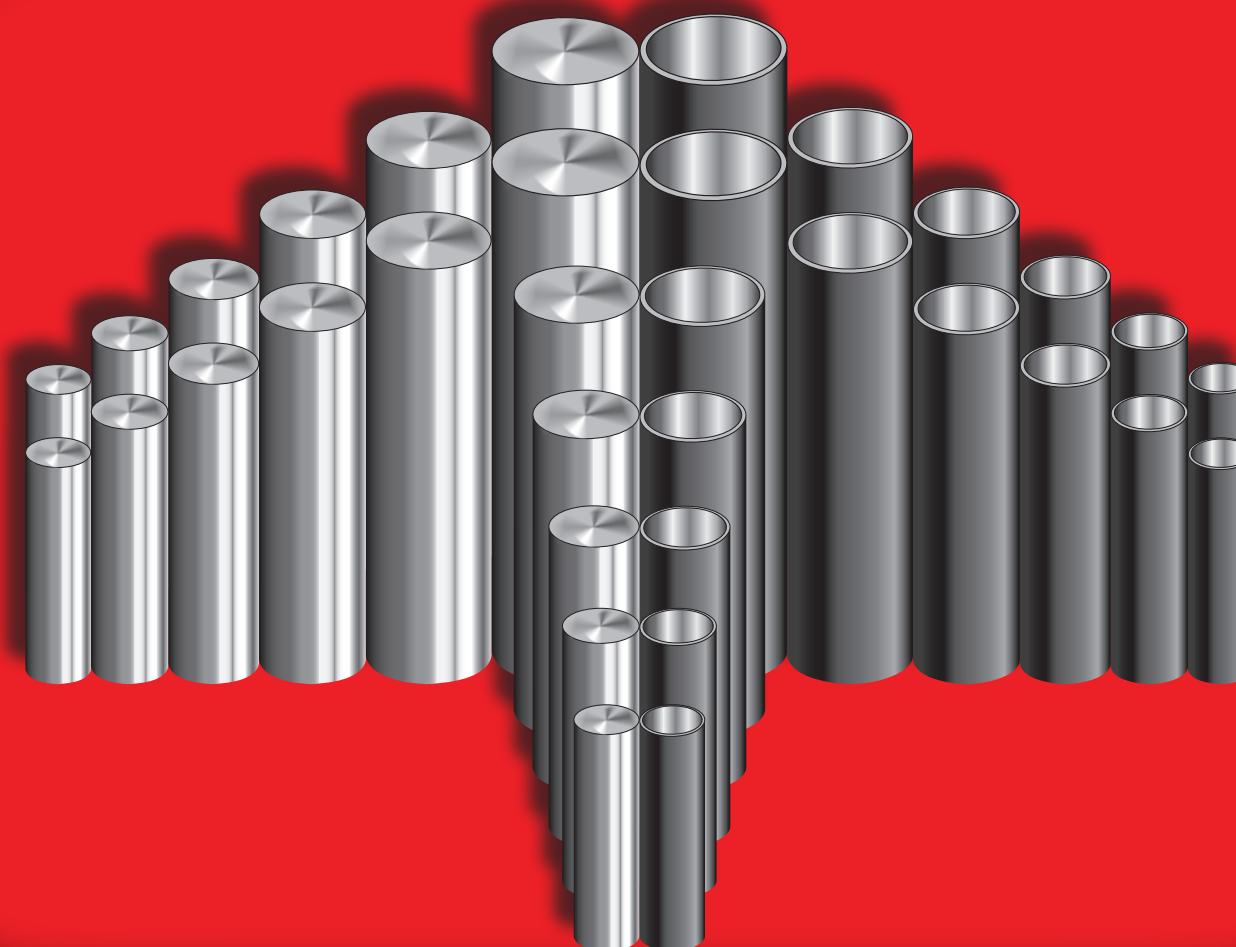


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AC CATALOGUE 2012

HONED TUBE • UNHONED TUBE • CHROME SHAFTING • INDUCTION HARDENED CHROME SHAFTING
DEEP HOLE DRILLING • HONING • SKIVE & BURNISHING • BORING • GRINDING • PEELING • CNC
MACHINING • CHROMING • COMPONENTS • STRAIGHTENING • CENTRELESS GRINDING
MANUFACTURING • CYLINDER TESTING • HYDRAULIC MATERIAL MANUFACTURING



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9 DRAKENSBERG BLV
ALRODE SOUTH
EXT 17
ALBERTON

PO BOX 583
ALBERTON
1450

☎ **24 HOUR HELP LINE 083 741 2621**

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STANDARD RANGE OF HYDRAULIC TUBING

STOCKED IN HONED & UNHONED

METRIC

ID x OD	Kg/m	BAR	ID x OD	Kg/m	BAR	ID x OD	Kg/m	BAR	ID x OD	Kg/m	BAR	ID x OD	Kg/m	BAR
30 x 40	4	500	70 x 80	10	250	91 x 105	17	267	120 x 145	41	345	165 x 190	55	263
32 x 40	4.5	400	70 x 82	11.3	293	92 x 105	16	248	120 x 150	50	400	170 x 190	45	211
35 x 45	5	444	70 x 85	15	353	95 x 110	20	273	125 x 140	25	214	170 x 200	69	300
40 x 50	6	400	70 x 90	20	444	95 x 115	26	348	125 x 145	34	276	180 x 200	46	200
40 x 60	13	667	70 x 95	25	526	100 x 115	20	261	125 x 150	43	333	180 x 205	60	244
45 x 55	7	364	75 x 90	16	333	100 x 116	22	276	130 x 150	35	267	180 x 210	73	286
50 x 60	7	333	75 x 95	21	421	100 x 120	28	333	130 x 160	54	375	180 x 215	86	326
50 x 65	11	462	75 x 100	28	500	100 x 125	35	400	135 x 160	45	313	180 x 220	99	364
55 x 65	8	308	80 x 90	11	222	100 x 130	43	462	140 x 160	38	250	185 x 203	44	177
55 x 70	12	429	80 x 92	13	261	104.5 x 120	21	258	140 x 165	48	303	185 x 212	67	255
60 x 70	8	286	80 x 95	17	316	105 x 120	21	250	140 x 170	58	353	190 x 205	37	146
60 x 75	13	400	80 x 100	23	400	105 x 125	29	320	150 x 170	40	235	190 x 215	63	233
63 x 75	11	320	80 x 105	29	476	110 x 125	22	240	150 x 180	64	333	190 x 220	67	273
63 x 76	12	342	80 x 110	36	545	110 x 130	30	308	160 x 180	43	222	200 x 215	40	140
63 x 78	14	385	85 x 100	18	300	110 x 140	46	429	160 x 185	54	270	200 x 220	53	182
63 x 83	18	482	85 x 105	24	381	115 x 130	23	231	160 x 190	65	316	200 x 230	80	261
65 x 75	9	267	90 x 105	19	286	115 x 140	40	357	160 x 200	89	400	200 x 240	108	333
65 x 77	10.5	312	90 x 110	25	364	120 x 140	33	286	165 x 185	44	216	200 x 250	139	400
65 x 80	14	375												

IMPERIAL

ID x OD (mm)	ID x OD (inch)	Kg/m	BAR	ID x OD (mm)	ID x OD (inch)	Kg/m	BAR	ID x OD (mm)	ID x OD (inch)	Kg/m	BAR
44.45 x 53.975	1.3/4 x 2.1/8	4.6	353	88.9 x 114.3	3.1/2 x 4.1/2	32	444	133.35 x 152.4	5.1/4 x 6	34	250
44.45 x 55	1.3/4 x 55	7	384	95.25 x 110	3.3/4 x 110	19	268	139.7 x 158.75	5.1/2 x 6.1/4	34	239
50.8 x 60.325	2 x 2.3/8	7	316	95.25 x 114.3	3.3/4 x 4.1/2	26	333	139.7 x 160	5.1/2 x 160mm	38	254
50.8 x 63.5	2 x 2.1/2	9	400	101.6 x 114.3	4 x 4.1/2	17	222	139.7 x 165.1	5.1/2 x 6.1/2	48	308
50.8 x 65	2 x 65	10	436	101.6 x 120.65	4 x 4.3/4	27	316	139.7 x 170	5.1/2 x 170mm	59	356
57.15 x 69.85	2.1/4 x 2.3/4	10	364	104.775 x 120	4.1/8 x 120	22	254	152.4 x 165	6 x 6.1/2	25	153
60.325 x 70	2.3/8 x 70	8	276	104.775 x 125	4.1/8 x 125	29	324	152.4 x 171.45	6 x 6.3/4	39	222
60.325 x 75	2.3/8 x 75	13	391	107.95 x 130	4.1/4 x 5.1	32	339	152.4 x 177.8	6 x 7	52	286
63.5 x 76.2	2.1/2 x 3	11	333	107.95 x 133.35	4.1/4 x 5.1/4	38	381	158.75 x 177.8	6.1/4 x 7	40	214
63.5 x 78	2.1/2 x 78	13	372	114.3 x 127	4.1/2 x 5	19	230	158.75 x 184.15	6.1/4 x 7.1/4	54	276
66.67 x 80	2.5/8 x 80	12	333	114.3 x 130	4.1/2 x 5.1	23	242	165.1 x 184.15	6.1/2 x 7.1/4	42	207
69.85 x 80	2.3/4 x 80	10	254	114.3 x 133.5	4.1/2 x 5.1/4	30	286	165.1 x 190.5	6.1/2 x 7.1/2	56	267
69.85 x 85	2.3/4 x 85	15	356	114.3 x 139.7	4.1/2 x 5.1/2	40	364	177.8 x 203.2	7 x 8	60	250
76.2 x 85.7	3 x 3.3/8	10	222	120.65 x 139.7	4.3/4 x 5.1/2	31	273	184.15 x 203.2	7.1/4 x 8	46	188
76.2 x 88.9	3 x 3.1/2	13	286	120.65 x 145	4.3/4 x 145mm	40	336	190.5 x 215.9	7.1/2 x 8.1/2	64	235
76.2 x 95.25	3 x 3.3/4	21	400	127 x 139.7	5 x 5.1/2	21	182	190.5 x 220	7.1/2 x 220mm	75	268
76.2 x 101.6	3 x 4	29	500	127 x 142.24	5 x 5.6	26	214	203.2 x 215	8 x 215mm	30	109.8
82.55 x 95.25	3.1/4 x 3.3/4	14	267	127 x 146	5 x 5.3/4	33	260	203.3 x 228.6	8 x 9	68	222
82.55 x 101.6	3.1/4 x 4	22	375	127 x 152.4	5 x 6	44	333	203.2 x 250	8 x 250mm	104	374
88.9 x 101.6	3.1/2 x 4	15	250	130.175 x 152.4	5.1/8 x 6	39	292	228.6 x 254	9 x 10	75	200
88.9 x 107.95	3.1/2 x 4.1/4	24	353								

NON STANDARD / MAKE-UPS

- NON STANDARD HYDRAULIC TUBING RANGING FROM 40-1200mm ID WITH ANY WALL THICKNESS CAN BE MADE TO CUSTOMER SPECIFICATIONS.
- CONTACT US FOR ALTERNATIVE MATERIAL SOLUTIONS.
- NON STANDARD SIZES CAN BE STOCKED ON REQUEST.

SPECIFICATIONS

- ST 52.3
- TOLERANCE H8
- STRAIGHTNESS: < 1 mm / 1 m
- ROUGHNESS: < 0.4 Ra

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STANDARD STOCKED RANGE OF CHROME STOCK

METRIC

OD (mm)	Kg/m	OD (mm)	Kg/m
16	1.58	56	19.32
18	2.00	60	22.18
19	2.22	63	24.45
20	2.46	65	26.03
22	2.98	70	30.18
25	3.85	75	34.65
28	4.83	80	39.42
30	5.54	85	44.51
32	6.31	90	49.90
33	6.71	95	55.59
35	7.55	100	61.60
36	7.98	105	67.91
38	8.90	110	74.54
40	9.86	115	81.47
45	12.47	120	88.70
50	15.40	125	96.25
55	18.63	130	104.10
56	19.32	140	120

IMPERIAL

OD (mm)	OD (inch)	Kg/m
19.05	3/4	2.22
22.22	7/8	3
25.4	1	3.97
26.98	1.1/16	4.5
28.57	1.1/8	5
31.75	1.1/4	6.25
34.92	1.3/8	7.51
38.1	1.1/2	8.94
44.45	1.3/4	12.17
47.62	1.7/8	13.97
50.8	2	15.90
53.97	2.1/8	17.95
57.15	2.1/4	20.12
63.5	2.1/2	24.84
69.85	2.3/4	30.05
76.2	3	35.77
82.55	3.1/4	41.98
88.9	3.1/2	48.68
95.25	3.3/4	55.89
101.6	4	63.59
107.95	4.1/4	71.78
114.3	4.1/2	80.48
120.65	4.3/4	89.67
127	5	99.35

SPECIFICATIONS

ALL OF THE FOLLOWING METRIC AND IMPERIAL SIZES ARE AVAILABLE IN

- CK45 CHROME STOCK
- EN 8 CHROME STOCK
- CK50 INDUCTION HARDENED CHROME STOCK
- PEELED BAR

MATERIAL IS STOCKED BETWEEN 5-6m AND CUT TO SIZE

CHROMED HOLLOW BAR

OD x ID (mm)	OD x ID (mm)	OD x ID (mm)
40 x 20	50 x 28	60 x 40
45 x 25	56 x 28	65 x 45

- ANY HYDRAULIC SHAFTS AND CHROMED HOLLOW BAR UP TO 1m IN DIAMETER AND UP TO 12m IN LENGTH CAN BE MADE UP.

STANDARD STOCKED RANGE OF CYLINDER KITS

CYLINDER KITS INCLUDE

1. CAST IRON GLAND
2. DOUBLE ACTING PISTON
3. COMPLETE SET OF SEALS AND WIPERS
4. END CAP
5. NYLOCK NUT
6. 2 X WELD ON PORTS (BSP)

- COMPONENTS ALSO AVAILABLE INDIVIDUALLY.
- ANY SIZE CYLINDER KIT, UP TO Ø1.2m, CAN BE MADE UP.

BORE/ROD (mm)	BORE/ROD (mm)
40/20	80/40
40/25	80/50
50/25	90/45
50/30	90/50
60/30	100/50
60/35	100/60
60/40	100/70
63/30	125/60
63/35	125/70
63/40	125/80
70/35	150/80
70/40	160/90

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