



شركة محاب العالمية للفولاذ ذ.م.م
MAHAB INTERNATIONAL STEEL
COMPANY W.L.L

C.R: 147316-1, Shop: 0, Bldg: 1215, Road: 3928, Block: 939
Riffa / Al Hajiyat, Kingdom of Bahrain.

WHO WE ARE



COLD DRAWN PRECISION DRAWN OVER MANDREL TUBE PRODUCED TO MEET YOUR SPECIFICATIONS AT AN AFFORDABLE PRICE.

"MISCO STEEL TUBE COMPANY'S STRATEGY IS TO DELIVER HIGH GRADE QUALITY DOM WELDED AND SEAMLESS TUBES CONSISTENTLY WITH ON TIME DELIVERY TO THE CUSTOMER WHILE TRYING TO OBTAIN THE LEAD POSITION IN THE COMPETITIVE GLOBAL TUBE MARKET"
MAHAB INTERNATIONAL STEEL COMPANY W.L.L,(MISCO) IS FIRST IN KIND IN THE KINGDOM OF BAHRAIN WITH STATE OF THE ART MANUFACTURING FACILITIES TO MANUFACTURE CUSTOMIZED COLD DRAWN SEAMLESS AND WELDED PRECISE HIGH QUALITY TUBE BY UNDERSTANDING THE CUSTOMER'S NEED, MISCO'S MODERN COLD DRAWN FACILITY HAS A VERY WIDE SIZE RANGE TO MEET INTERNATIONAL MARKET DEMANDS. MISCO IS A SOLUTION AND STRATEGIC PARTNER TO CUSTOMERS FOR THEIR INNOVATIVE, CUSTOMIZED TUBE FOR THE MARKET , MISCO STEEL TUBES OFFER MAXIMUM RELIABILITY, FLEXIBILITY AND ON-TIME DELIVERY.

CAPABILITIES

MISCO OFFERS COLD DRAWN TUBES FROM 0.375" TO 4.0" OUTER DIAMETER AND WITH WALL THICKNESS RANGING FROM 0.035 TO 0.354" TO MEET THE CHALLENGE OF PRODUCTION DEMANDED BY OUR TEAM OF TUBE SPECIALISTS WITH THE AIM TO EXCEED CUSTOMER REQUIREMENTS AND EXPECTATIONS.

COMMITMENT

MISCO'S MULTI-SKILLS CULTURE OF YOUNG TEAM MEMBERS WORKS WITH THE COMMITMENT TO MEET THE DEMANDING CHALLENGE OF CUSTOMER'S REQUIREMENTS AND EXPECTATIONS, MISCO'S AIM IS TO BRING VALUE TO OUR CUSTOMER'S BUSINESS.



QUALITY PRODUCTION



***MISCO CREATES SOLUTIONS
BY LISTENING CLOSELY
TO CUSTOMER NEEDS.***



***MISCO CONSTANTLY
IMPROVE OUR PRODUCTION
REQUIREMENTS PROCESS WITH
COMPETITIVE TUBE SOLUTIONS***



***MISCO FOCUSES ON LONG TERM
RELATIONSHIPS WITH CONTINU-
OUS PROGRESS ON OPERATIVE
PROCESS TO ENABLE RELIABILITY
AND FLEXIBILITY***



***MISCO UNDERSTAND ZERO
TOLERANCE WHEN IT COMES TO
QUALITY***



TESTING FACILITIES



MISCO TEAMS ARE COMMITTED TO ACHIEVE UNCOMPROMISED FIRST CLASS QUALITY BY USING NEW GENERATION TESTING FACILITY SOME OF THE TESTING EQUIPMENT USED IN OUR FACILITIES ARE

- ⦿ *Nitrogen gas generator to generate nitrogen with purity of 99.99% to provide tube a surface free from pitting and a smooth surface finish on the outer and inner surface of the tube.*
- ⦿ *Universal testing machine*
- ⦿ *Hardness testing machine*
- ⦿ *Hydro tester*
- ⦿ *Offline eddy current tester*
- ⦿ *Hydraulic press for flattening and flaring test*
- ⦿ *Digital measuring instrument*



DOM TUBE MANUFACTURING FACILITIES



COMBINED DRAWING MACHINE



HEAT TREATMENT FURNACE



MACHINES



HEAVY DUTY SINGLE PULL TUBE DRAWING MACHINE



SURFACE TREATMENT



STRAIGHTENING MACHINE



TUBE CUTTING LINE



STANDARD AND SPECIFICATION OF COLD DRAWN TUBES



STANDARD SPECIFICATIONS FOR WELDED COLD DRAWN OVER MANDREL TUBE (DOM)

INDUSTRIES	MATERIAL	AMERICAN	BRITISH	GERMAN	JAPANESE
Automotive	Specification	ASTM A513 Type 5	BS 6323	DIN 2394	JIS G 3445
and				EN -10305-2	
General Engineering				EN -10305-3	
	GRADE	SAE 1008		E -155	STKM -11A
		SAE 1010		E -195	STKM- 12A
		SAE 1020		E -235	STKM -12B
		SAE 1026		E -275	STKM - 12C
		SAE 1035		E -355	STKM - 13A
		SAE J525			STKM - 13B
		SAE J526			STKM - 13C

STANDARD SPECIFICATIONS FOR SEAMLESS COLD DRAWN OVER MANDREL TUBE (DOM)

INDUSTRIES	MATERIAL	AMERICAN	BRITISH	GERMAN	JAPANESE
Automotive	Specification	ASTM A519	BS 6323	DIN 2391	JIS G 3445
and				EN -10305 -1	
General Engineering				EN -10305 -4	
	GRADE	SAE 1008		E -215	STKM -11A
		SAE 1010		E -235	STKM- 12A
		SAE 1020		E -355	STKM -12B
		SAE 1026			STKM - 12C
		SAE 1035			STKM - 13A
		SAE 1040			STKM - 13B
		SAE 1045			STKM - 13C
		SAE 1541			
		SAE J524			
		SAE 4130			

SIZE RANGE FOR SEAMLESS COLD DRAWN TUBE ASTM A519 DOM



TUBE OUTER DIAMETER		WALL THICKNESS																									
		MM	0.89	1.22	1.60	1.83	2.01	2.34	2.51	2.77	3.10	3.30	3.56	3.94	4.17	4.37	4.62	5.51	5.84	6.40	6.86	7.24	7.62	8.13	8.89	9.14	
		INCH	0.035	0.048	0.063	0.072	0.079	0.092	0.099	0.109	0.122	0.130	0.140	0.155	0.164	0.172	0.182	0.217	0.230	0.252	0.270	0.285	0.300	0.320	0.350	0.360	
MM	INCH																										
9.53	0.375																										
11.10	0.437																										
12.70	0.500																										
14.27	0.562																										
15.88	0.625																										
17.45	0.687																										
19.05	0.750																										
21.41	0.843																										
22.23	0.875																										
25.40	1.000																										
26.99	1.063																										
28.83	1.135																										
31.75	1.250																										
33.32	1.312																										
34.93	1.375																										
38.10	1.500																										
39.98	1.574																										
41.28	1.625																										
44.45	1.750																										
44.98	1.771																										
48.29	1.901																										
50.80	2.000																										
55.55	2.187																										
57.15	2.250																										
60.30	2.374																										
63.50	2.500																										
65.00	2.559																										
69.85	2.750																										
76.20	3.000																										
79.38	3.125																										
82.55	3.250																										
85.73	3.375																										
88.90	3.500																										
92.08	3.625																										
95.00	3.740																										
98.43	3.875																										
101.60	4.000																										

SIZE RANGE FOR WELDED COLD DRAWN TUBE ASTM A513 TYPE 5 DOM



TUBE OUTER		WALL THICKNESS																	
DIAMETER	MM	0.89	1.22	1.60	1.83	2.01	2.34	2.51	2.77	3.10	3.30	3.56	3.94	4.17	4.37	4.62	5.51	5.84	6.40
	INCH	0.035	0.048	0.063	0.072	0.079	0.092	0.099	0.109	0.122	0.130	0.140	0.155	0.164	0.172	0.182	0.217	0.230	0.252
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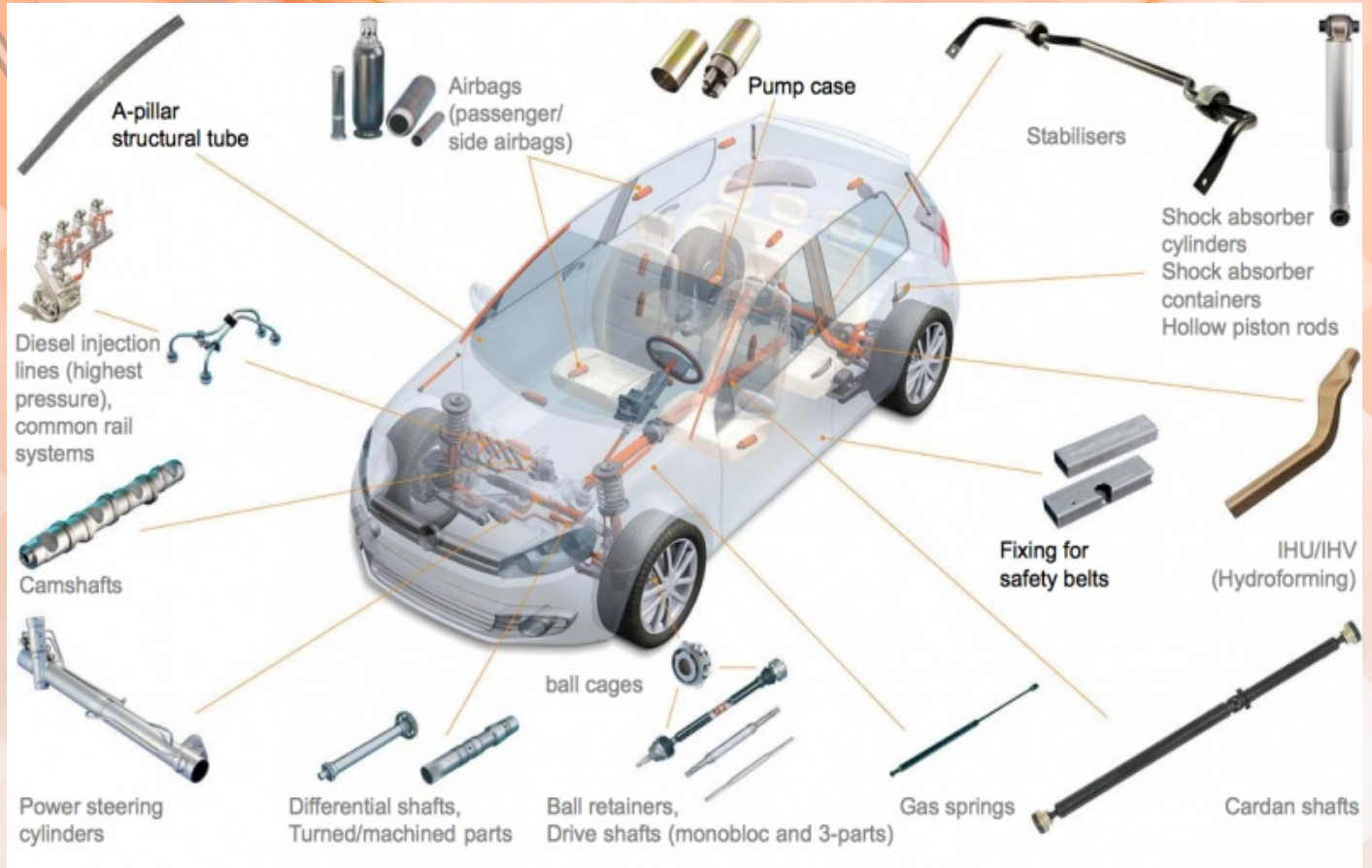
***APPLICATIONS OF DOM MECHANICAL TUBES IN
A WIDE RANGE OF INDUSTRIES AS A COMPONENT
DOM TUBES ON VARIETY OF AGRICULTURAL EQUIPMENT***



DOM TUBES ON EARTH MOVING EQUIPMENT



AUTOMOTIVE PRODUCT COMPONENTS



DOM TUBES IN AXLES



TUBES IN DRIVE SHAFT



DRIVE SHAFT APPLICATION



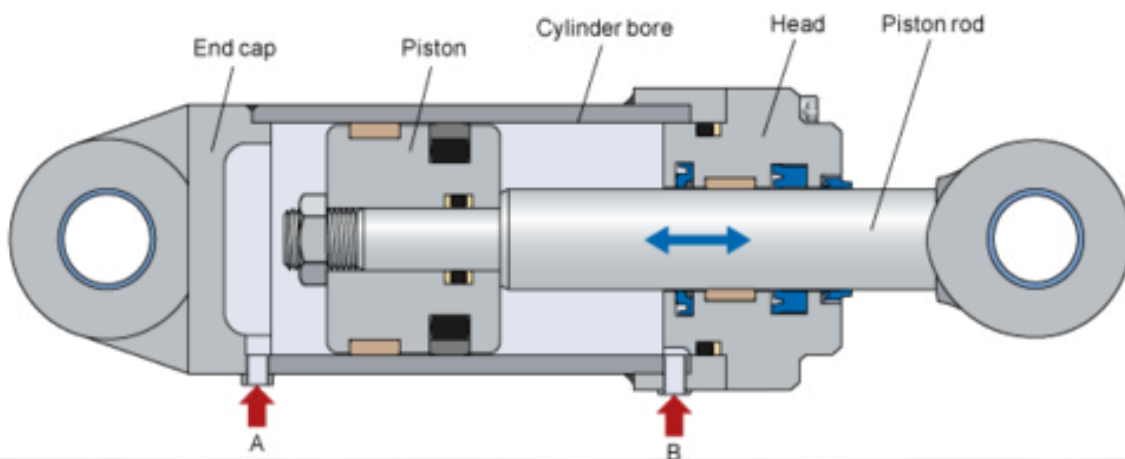
DOM ON RUBBER BONDING BUSH



DOM TUBE AS A STARTERMOTOR BODY



DOM TUBES IN HYDRAULIC CYLINDERS



DOM TUBES FOR HONING INTERNAL DIAMETER CYLINDER APPLICATIONS





DOM TUBING IS A THE BEST TUBE FOR MANY CRITICAL APPLICATIONS LIKE TELESCOPIC CYLINDERS, GAS SPRINGS, PRINTING MACHINE COMPONENT, TEXTILES BOBBIN, PAPER MILL ROLLS, GENERAL ENGINEERING APPLICATIONS, AND IN MANY MACHINERY COMPONENTS. MAHAB INTERNATIONAL STEEL COMPANY W.L.L, BAHRAIN PRODUCES DOM BY USING STRICT MANUFACTURING PROCESSES THAT PRODUCE HIGH QUALITY, DRAWN OVER MANDREL (DOM) TUBING WHICH CAN OFFER RELIABLE AND ECONOMICAL TUBING A CUSTOMER'S CUSTOMIZED SOLUTIONS FOR TUBE EXCEEDING STANDARD.

DIMENSION TOLERANCE PRODUCING HIGH QUALITY DOM AT AN AFFORDABLE PRICE.

CONTACT INFORMATION



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