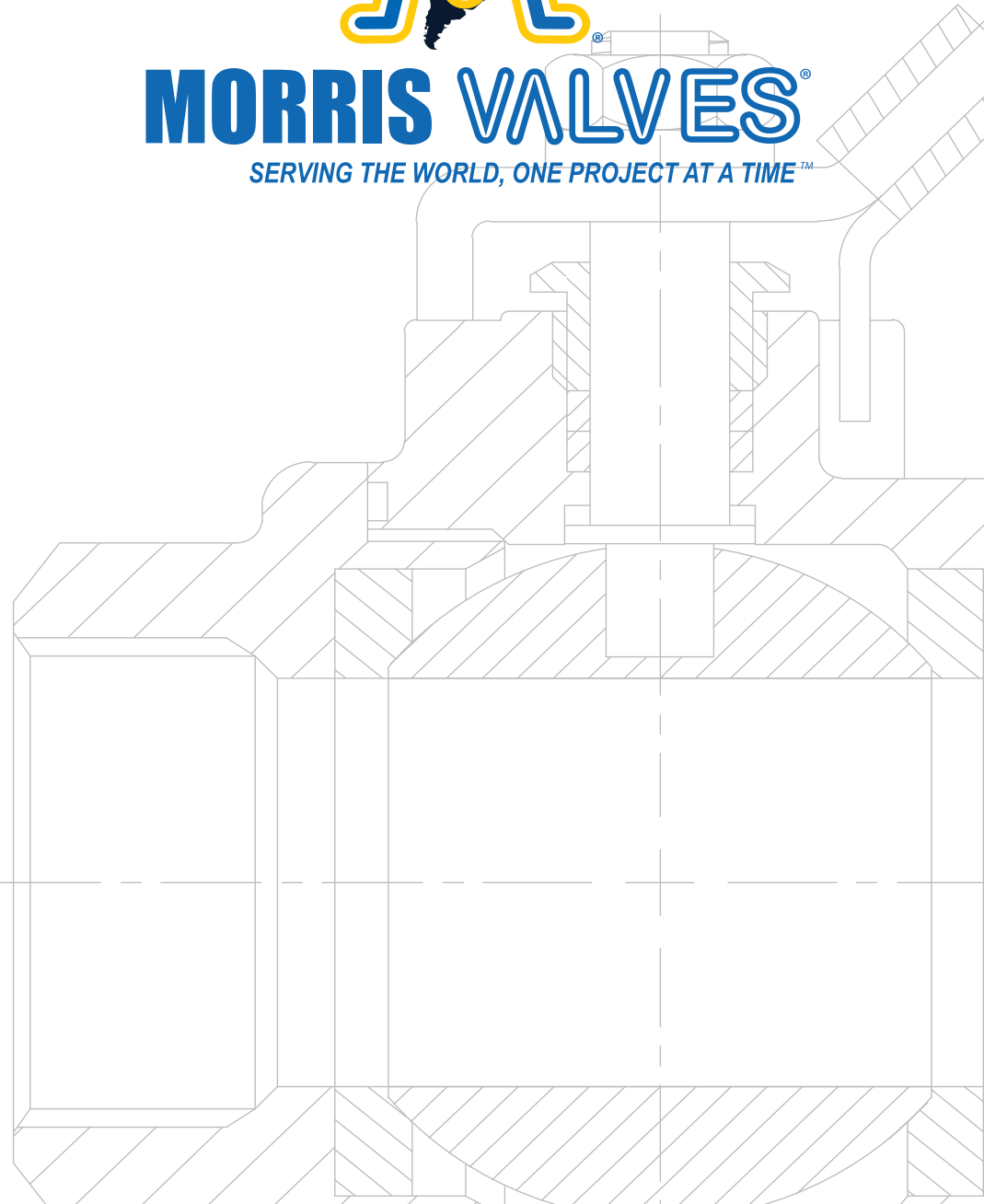




MORRIS VALVES®

SERVING THE WORLD, ONE PROJECT AT A TIME™



Low Carbon Steel, Seamless Tubing. (Mild Steel Pipe)

www.morrisvalve.com



In 1984, our journey into the business of repairing valves and industrial instrumentation began. That journey has led us to represent and service well known American brands and companies. In early 2000, our experience and growing passion for the valve industry encouraged our decision to launch our own brand, Morris Valves. Starting with the highly requested Ball Valves, the brand has been based on the principal of quality and performance to match our customers' needs. Our high standards of production later lead us to incorporate other models such as Gate Valve and Check Valves to our production. These additions were carefully selected to match our Standard of Quality. Our success has been driven by our belief of "Tradition with Quality" in everything we do. Our products are developed with that belief which drives our growth and guides the service we provide to our customers.

Our vision is to be amongst the leading corporations in the supply of goods and services related to valves, their components and industrial equipment in general. We want to conquer new markets in conformity with international standards and remain committed to customer satisfaction, the welfare of our company and the sustainability of our planet.

Mision

Our mission is to use our highly trained, highly focused, and extremely motivated staff to work with manufacturers who value quality and have the vision for new development and product applications to ensure the timely provision of goods and services related to valves, their components and industrial equipment in general. We maintain a rigorous standard of customer satisfaction, which will provide for the welfare of the company, the welfare of the countries we serve, and most importantly the sustainability of the planet.

Contacts

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Vision

"Serving the world, one project at a time"

Low Carbon Steel, Seamless Tubing. (Mild Steel Pipe)



SPECIFICATIONS:

* Manufacturing Standards:

- ASTM 519.

* Material Grades:

-1020, either hot-finished or cold-finished.

* Applications:

- For Mechanical Engineering, Fluid delivery, Hydraulic, Stem, Gas, Connecting pipe.

* Length:

- 6 meters, but our tubes can also be delivered as coiled tubing, contributing to reduced installation costs and any customized length.

* Packing: :

- Wooden cases, bundle or plastic bags, Plywood Crates. Delivered with plugged ends for transport protection against inside contamination.

CE APPROVED

Steel grade and Chemical composition (%) of ASTM A519:

ASTM A519 Grade 1020 Chemical composition (%)						
C	Mn	P≤	S≤	Si	Cr	Mo
0.18-0.23	0.30-0.60	0.040	0.050			
Mechanical Properties						
CONDITION	YIELD STRENGTH (MPA)	TENSILE STRENGTH (MPA)	ELONGATION IN 2IN. OR 50MM, %	ROCKWELL, HARDNESS B SCALE.		
HR	221	345	25	55		
CW	414	483	5%	75		
SR	345	448	10%	72		
A	193	331	30%	50		
N	234	379	22%	60		
Meaning of abbreviation						
HR	HOT ROLLED					
CW	COLD WORKED					
SR	STRESS RELIEVED					
A	ANNEALED					
N	NORMALIZED					

Fractional Sizes

Tube OD in.	Tube Wall in.	Weight lb/ft	Working Pressure psig	P/N
1/4	0.028	3360	0.0664	FT19-4-28
	0.035	4200	0.0804	FT19-4-35
	0.049	5880	0.1039	FT19-4-49
3/8	0.035	3100	0.1271	FT19-6-35
	0.049	4500	0.1706	FT19-6-49
	0.065	6200	0.2152	FT19-6-65
1/2	0.035	2300	0.1738	FT19-8-35
	0.049	3200	0.2360	FT19-8-49
	0.065	4500	0.3020	FT19-8-65
5/8	0.083	5900	0.3696	FT19-8-83
	0.035	1800	0.2210	FT19-10-35
	0.049	2600	0.3014	FT19-10-49
3/4	0.065	3500	0.3888	FT19-10-65
	0.083	4600	0.4805	FT19-10-83
	0.095	5300	0.5377	FT19-10-95
1	0.049	2100	0.3668	FT19-12-49
	0.065	2900	0.4755	FT19-12-65
	0.083	3700	0.5913	FT19-12-83
1-1/4	0.095	4300	0.6646	FT19-12-95
	0.109	5100	0.7462	FT19-12-109
	0.049	1500	0.4977	FT19-16-49
1-1/2	0.065	2100	0.6499	FT19-16-65
	0.083	2700	0.8129	FT19-16-83
	0.095	3200	0.9182	FT19-16-95
2.00	0.109	3700	1.0370	FT19-16-109
	0.120	4100	1.1280	FT19-16-120
	0.065	1600	0.8226	FT19-20-65
2.00	0.083	2100	1.0340	FT19-20-83
	0.095	2500	1.1720	FT19-20-95
	0.109	2900	1.3280	FT19-20-109
2.00	0.120	3200	1.4480	FT19-20-120
	0.134	3600	1.5970	FT19-20-134
	0.165	4600	2.1320	FT19-20-165
2.00	0.180	5000	2.4110	FT19-20-180
	0.083	1800	1.2560	FT19-24-83
	0.095	2000	1.4260	FT19-24-95
2.00	0.109	2400	1.6190	FT19-24-109
	0.120	2600	1.7690	FT19-24-120
	0.134	2900	1.9550	FT19-24-134
2.00	0.180	4100	2.9960	FT19-24-180
	0.220	5100	3.1640	FT19-24-220
	0.095	1500	1.9330	FT19-32-95
2.00	0.109	1700	2.0210	FT19-32-109
	0.120	1900	2.4090	FT19-32-120
	0.134	2100	2.5030	FT19-32-134
2.00	0.148	2400		FT19-32-148
	0.165	2700		FT19-32-165
	0.180	3000		FT19-32-180
2.00	0.220	3700		FT19-32-220

Metric Sizes

Tube OD mm	Tube Wall mm	Working Pressure bar	Weight kg/m	P/N
3	0.8	630		MT19-3M-8
	1.0	790		MT19-3M-10
6	0.8	290	0.123	MT19-6M-8
	1.0	374		MT19-6M-10
	1.2	460		MT19-6M-12
8	1.5	590		MT19-6M-15
	1.0	289	0.222	MT19-8M-10
	1.2	330		MT19-8M-12
10	1.5	430	0.240	MT19-8M-15
	2.0	528	0.296	MT19-8M-20
	1.0	249	0.222	MT19-10M-10
12	1.5	358	0.314	MT19-10M-15
	2.0	460	0.395	MT19-10M-20
	1.0	210	0.271	MT19-12M-10
16	1.5	305	0.388	MT19-12M-15
	2.0	393	0.493	MT19-12M-20
	1.0	140	0.375	MT19-16M-10
18	1.5	234	0.536	MT19-16M-15
	2.0	305	0.691	MT19-16M-20
	1.0	143	0.419	MT19-18M-10
20	1.5	210	0.610	MT19-18M-15
	2.0	274	0.789	MT19-18M-20
	1.5	191	0.684	MT19-20M-15
22	2.0	249	0.888	MT19-20M-20
	3.0	358	1.258	MT19-20M-30
	1.5	174	0.758	MT19-22M-15
25	2.0	228	0.986	MT19-22M-20
	3.0	329	1.406	MT19-22M-30
	2.0	202	1.134	MT19-25M-20
25	2.5	249	1.387	MT19-25M-25
	3.0	294	1.628	MT19-25M-30
	4.0	379	2.072	MT19-25M-40





A Tradition of Quality

Our passion is to develop solutions for difficult situations in Industrial Applications, no matter how large or small the project.



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