



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.

Contacts

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Vision

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.

"Serving the world, one project at a time"

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



C € APPROVED

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.

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

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



Fractional Sizes

1/4 0.028 3360 0.0664 FT19-4-28 1/4 0.035 4200 0.0804 FT19-4-35 0.049 5880 0.1039 FT19-4-49 0.035 3100 0.1271 FT19-6-35 3/8 0.049 4500 0.1706 FT19-6-35 0.065 6200 0.2152 FT19-6-65 0.035 2300 0.1738 FT19-8-35 1/2 0.049 3200 0.2360 FT19-8-49 0.065 4500 0.3020 FT19-8-65 0.083 5900 0.3696 FT19-8-89 0.035 1800 0.2210 FT19-10-35 0.049 2600 0.3014 FT19-10-49 5/8 0.065 3500 0.3888 FT19-10-49 5/8 0.065 3500 0.3888 FT19-10-95 0.095 5300 0.3668 FT19-10-93 400 0.3668 FT19-12-49 0.065 2900 0.4755 FT19-1	Tube OD in.	Tube Wall in.	Weight lb/ft	Working Pressure psig	P/N
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0.165 2700 FT19-32-165	2.00				
1117 32 100					
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
3	1.0	790		MT19-3M-10
6	0.8	290		MT19-6M-8
0	1.0	374	0.123	MT19-6M-10
	1.2	460		MT19-6M-12
	1.5	590		MT19-6M-15
8	1.0	289	0.222	MT19-8M-10
0	1.2	330		MT19-8M-12
	1.5	430	0.240	MT19-8M-15
	2.0	528	0.296	MT19-8M-20
10	1.0	249	0.222	MT19-10M-10
10	1.5	358	0.314	MT19-10M-15
	2.0	460	0.395	MT19-10M-20
12	1.0	210	0.271	MT19-12M-10
12	1.5	305	0.388	MT19-12M-15
	2.0	393	0.493	MT19-12M-20
16	1.0	140	0.375	MT19-16M-10
10	1.5	234	0.536	MT19-16M-15
	2.0	305	0.691	MT19-16M-20
18	1.0	143	0.419	MT19-18M-10
10	1.5	210	0.610	MT19-18M-15
	2.0	274	0.789	MT19-18M-20
20	1.5	191	0.684	MT19-20M-15
20	2.0	249	0.888	MT19-20M-20
	3.0	358	1.258	MT19-20M-30
22	1.5	174	0.758	MT19-22M-15
22	2.0	228	0.986	MT19-22M-20
	3.0	329	1.406	MT19-22M-30
25	2.0	202	1.134	MT19-25M-20
	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.

