

STAUFF Tube - Steel



STAUFF Tube - Stainless Steel



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STAUFF products and services are globally available through wholly-owned subsidiaries and a tight network of authorised distributors and representatives in all major industrial regions of the world.

**You can find detailed contact information on the back cover of this product catalogue or at [www.stauff.com](http://www.stauff.com)**

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All customers are fully responsible for verifying the product(s) they purchase are suitable for their intended use or application (including that by third parties) prior to the time of purchase and we do not provide any warranties as to fitness additional to those implied by law. We do not take responsibility for any liability arising from incorrect product selection or application.

Publication of this product catalogue voids all offers and deals contained in previous editions.

**Introduction**

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For more than 50 years, the companies of STAUFF Group have been developing, manufacturing and distributing pipework equipment and hydraulic components for mechanical and plant engineering and for service and industrial maintenance.

In addition to mobile and industrial hydraulic machinery, typical applications also include commercial and special purpose vehicles, rail transportation and energy technology. Likewise, STAUFF products are used in marine, oil and gas applications and in the process, food and chemical industries.

The overall range currently includes about 40000 standard products as well as numerous special and system solutions according to customer's specifications or based on our in-house development.

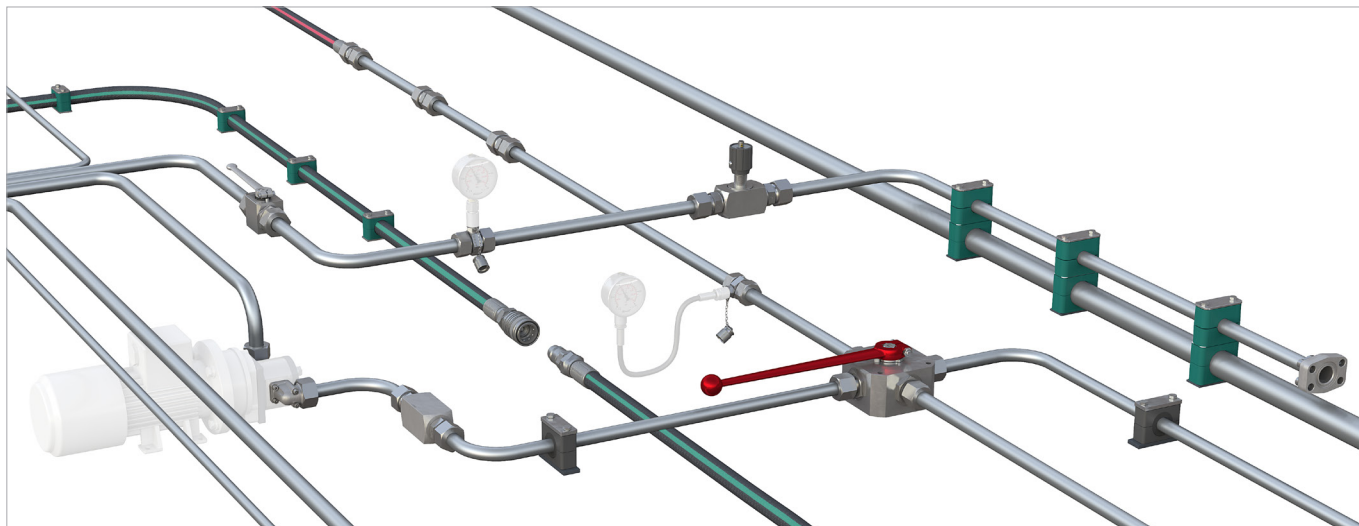
All STAUFF products undergo relevant testing in accordance with international regulations and are governed by the high standards of the in-house quality management system. Furthermore, many items have received certifications and approvals from various international institutes, organisations and authorities who have independently confirmed the quality and performance of the products.

Wholly-owned manufacturing, sales and service facilities in 18 countries and a tight global network of authorised distribution partner ensure high presence and service paired with a maximum of availability.



Quality Management – ISO 9001:2015  
Environmental Management – ISO 14001:2015  
Safety Management OHSAS – 18001:2007

## STAUFF LINE Components



With the seven dedicated **STAUFF Line** product groups

- **STAUFF Clamps**
- **STAUFF Connect**
- **STAUFF Flanges**
- **STAUFF Hose Connectors**
- **STAUFF Quick Release Couplings**
- **STAUFF Valves**
- **STAUFF Test**

from own, in-house development and manufacturing, the companies of the STAUFF Group provide a comprehensive range of components for fastening and connecting pipes, tubes and hoses for mobile and industrial hydraulic applications and many other industries.

The portfolio is completed by components for shutting-off, regulating, throttling and measuring fluid media.

In order to perfectly match each other, STAUFF Line products are designed and offered on a high, uniform level of quality. A large proportion of the range made from steel comes as standard with the premium STAUFF Zinc/Nickel surface coating, which is also optionally available for many of the other components.

This coating offers the most reliable surface protection far beyond the previous market standards – even after transport, handling and assembly of the components – and meets all current legal requirements.

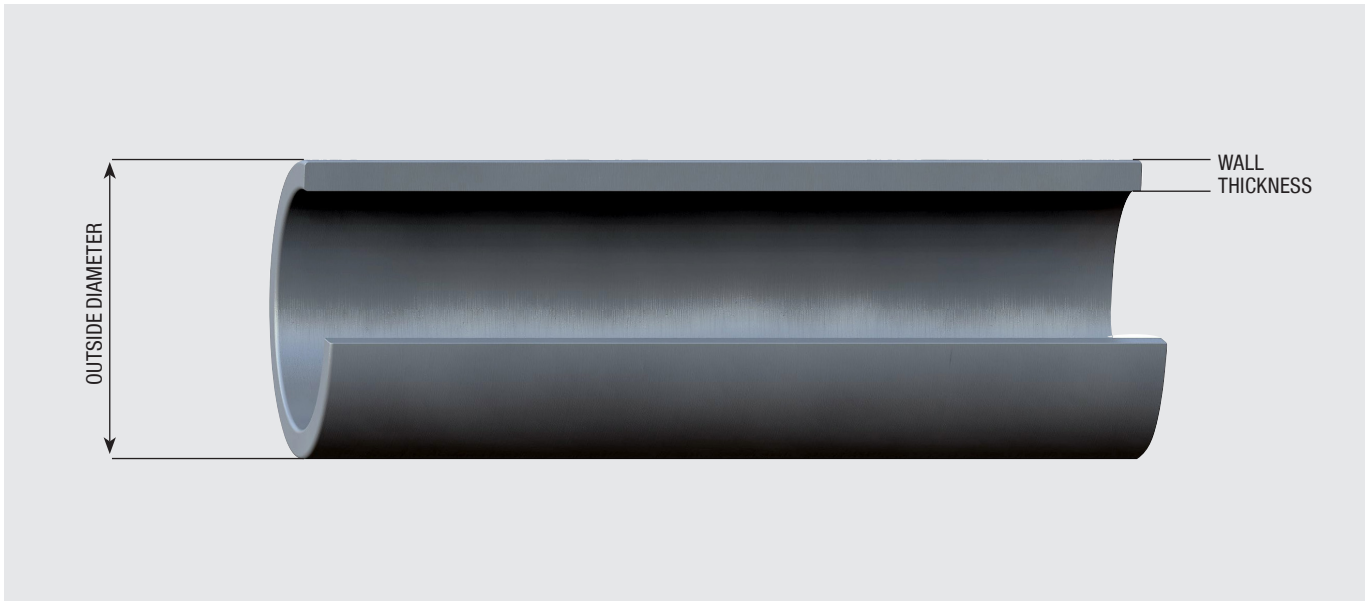
If desired, Original Equipment Manufacturers can be supported with value-added services, from **technical consultation to pre-assembly, assembly and kitting** as well as **logistics services**:

- Support with the **selection of suitable standard components** and ordering options; provision of **customised solutions** according to customer's specifications or based on our in-house development – from prototyping to large scale production
- **Analysis and optimization** of existing and design and developments of new systems aimed at increasing the efficiency and performance of machines and equipment and creating value for customers by reducing the total cost
- **Pre-assembly, assembly and kitting** of individual components to customer-specific system modules
- Individually coordinated **procurement solutions** (e.g. web shop and electronic data interchange) and **supply models** (e.g. from warehousing of customised components to Kanban logistics and just-in-time delivery of pre-fabricated system modules to the assembly lines of the customers) aimed at optimising material flows

STAUFF Tube is a local Australian and New Zealand standard market product and aligns with the seven dedicated **STAUFF Line** product groups.



## STAUFF Tube



STAUFF supplies a range of precision hydraulic tubing in both metric and imperial sizes. The materials available are standard cold drawn, normalised, seamless (CDS) carbon steel, galvanised zinc plated, CDS carbon steel, and seamless annealed 316L stainless steel.

Steel tube is cleaned, normalised, free of scale, has a passivated zinc plated exterior with an oiled interior and capped ends. Stainless steel tube is cold drawn seamless, heat treated to anneal, and supplied with capped ends.

Tube is sold as 6 metre lengths.

### Typical markets and applications

- Transport vehicles and equipment
- Construction mobile and stationary equipment
- Marine shipbuilding and offshore
- Heavy industrial plant and equipment
- Light industrial plant and equipment
- Process and instrumentation

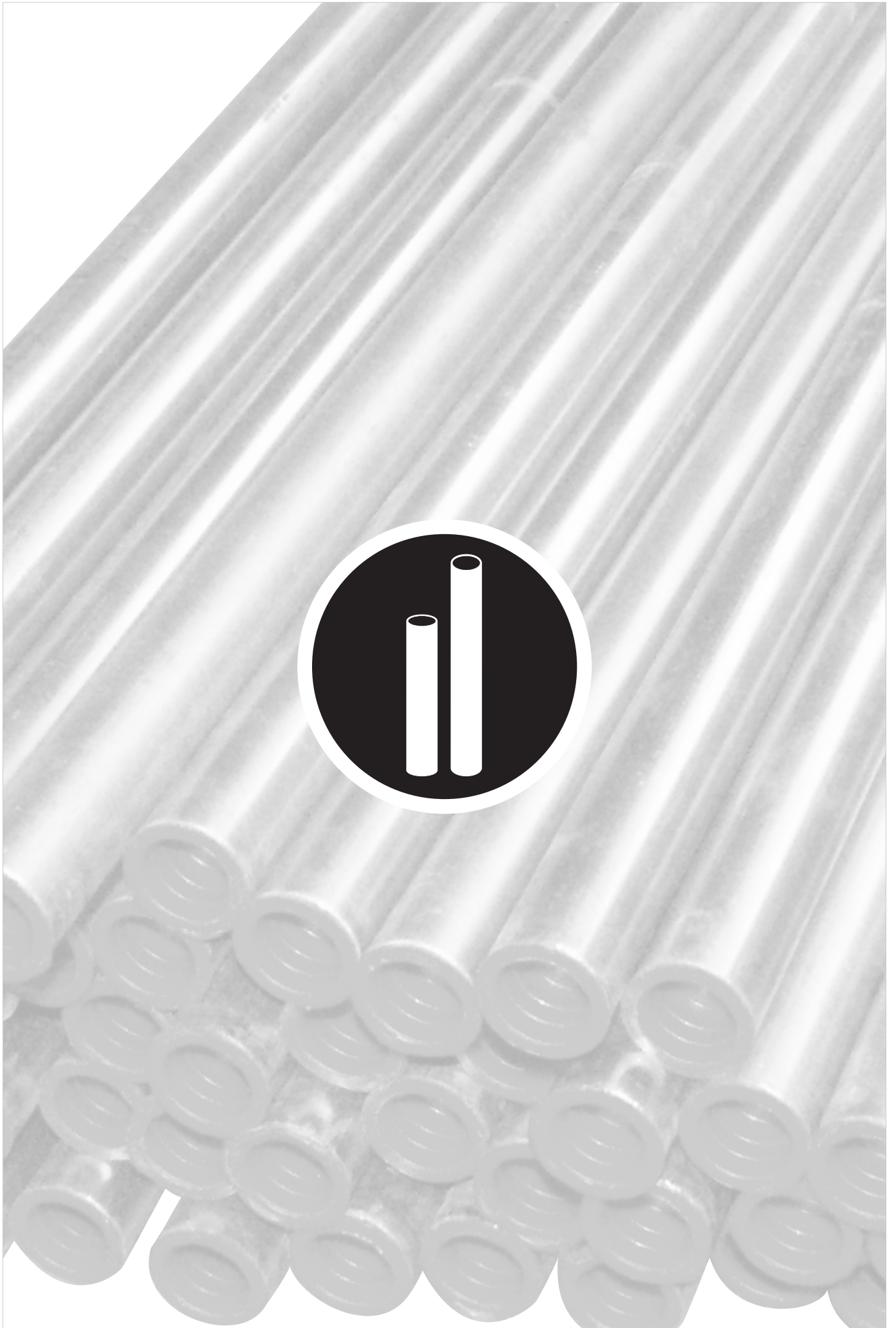
## Order Codes

The following designation structure is for Australian and New Zealand standard marketed range. Contact STAUFF for other options available on request.

<b>TUM</b>	<b>-</b>	<b>10x1.5</b>	<b>-</b>	<b>L6</b>	<b>-</b>	<b>W5/07</b>	<b>-</b>	<b>S02</b>	<b>-</b>	<b>AP</b>
①		②		③		④		⑤		⑥

<p><b>① Model Code</b></p> <table border="1"> <tr> <td>Tubing - OD Metric</td> <td><b>TUM</b></td> </tr> <tr> <td>Tubing - OD Imperial</td> <td><b>TUI</b></td> </tr> </table> <p><b>② Size</b></p> <p>The sizing is defined in the following format : (outside diameter in mm) x (wall thickness in mm)</p> <p>Metric Example: 10 x 1.5 Imperial Example: 6.35 x 0.91</p> <p><b>③ Length</b></p> <table border="1"> <tr> <td>Length 6000 mm (6 m) (standard)</td> <td><b>L6</b></td> </tr> <tr> <td>Length Random *</td> <td><b>LR</b></td> </tr> <tr> <td>Length Custom - defined in mm * (LC3500 = Length 3.5 metres)</td> <td><b>LCxxxx</b></td> </tr> </table> <p>* Conditions apply</p>	Tubing - OD Metric	<b>TUM</b>	Tubing - OD Imperial	<b>TUI</b>	Length 6000 mm (6 m) (standard)	<b>L6</b>	Length Random *	<b>LR</b>	Length Custom - defined in mm * (LC3500 = Length 3.5 metres)	<b>LCxxxx</b>	<p><b>④ Material</b></p> <table border="1"> <tr> <td>Carbon steel galvanised E235 +N, thick layer passivated (ST37-4)</td> <td><b>W66/01</b></td> </tr> <tr> <td>A4 Stainless steel 1.4401 / 1.4404 AISI 316 / AISI 316L (Mo 2.0% min)</td> <td><b>W5/07</b></td> </tr> <tr> <td>A4 Stainless steel 1.4435 / 1.4436 AISI 316 / AISI 316L (Mo 2.5%min, Ni 12.5%min)</td> <td><b>W5/10</b></td> </tr> </table> <p><b>⑤ Standard</b></p> <table border="1"> <tr> <td>EN 10305-4:2016 Steel tubes for precision applications. Seamless cold drawn tubes for hydraulic and pneumatic power systems. (CDS)</td> <td><b>S01</b></td> </tr> <tr> <td>EN 10216-5:2013 Seamless steel tubes for pressure purposes. Stainless steel tubes</td> <td><b>S02</b></td> </tr> </table>	Carbon steel galvanised E235 +N, thick layer passivated (ST37-4)	<b>W66/01</b>	A4 Stainless steel 1.4401 / 1.4404 AISI 316 / AISI 316L (Mo 2.0% min)	<b>W5/07</b>	A4 Stainless steel 1.4435 / 1.4436 AISI 316 / AISI 316L (Mo 2.5%min, Ni 12.5%min)	<b>W5/10</b>	EN 10305-4:2016 Steel tubes for precision applications. Seamless cold drawn tubes for hydraulic and pneumatic power systems. (CDS)	<b>S01</b>	EN 10216-5:2013 Seamless steel tubes for pressure purposes. Stainless steel tubes	<b>S02</b>	<p><b>⑥ Surface Finish</b></p> <table border="1"> <tr> <td>Annealed and pickled (for Stainless Steel materials only)</td> <td><b>AP</b></td> </tr> <tr> <td>Bright annealed (for Stainless Steel materials only)</td> <td><b>BA</b></td> </tr> </table>	Annealed and pickled (for Stainless Steel materials only)	<b>AP</b>	Bright annealed (for Stainless Steel materials only)	<b>BA</b>
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**Metric Carbon Steel - Zinc Plated Tube**  
TUM-...-W66/01

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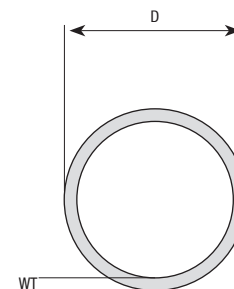
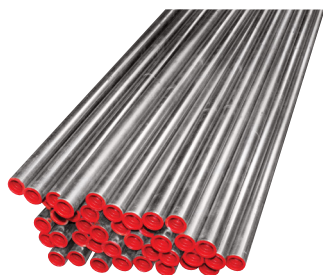


**Imperial Carbon Steel - Zinc Plated Tube**  
TUI-...-W66/01

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**Tube - Metric**  
**Type TUM - Carbon Steel - Zinc Plated**



Size	Tube OD (mm) D1	Wall Thickness (mm) D2	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Item No.	Designation
6 x 1	6	1	444	1538	0.12	2030033122	TUM-6x1-L6-W66/01-S01
8 x 1	8	1	333	1120	0.17	2030033112	TUM-8x1-L6-W66/01-S01
8 x 1.5	8	1.5	499	1753	0.24	2030033123	TUM-8x1.5-L6-W66/01-S01
10 x 1	10	1	282	878	0.22	2030033124	TUM-10x1-L6-W66/01-S01
10 x 1.5	10	1.5	423	1369	0.31	2030033113	TUM-10x1.5-L6-W66/01-S01
12 x 1.5	12	1.5	352	1120	0.39	2030033114	TUM-12x1.5-L6-W66/01-S01
12 x 2	12	2	470	1538	0.49	2030033127	TUM-12x2-L6-W66/01-S01
14 x 2	14	2	403	1297	0.59	2030033128	TUM-14x2-L6-W66/01-S01
15 x 1.5	15	1.5	282	878	0.50	2030033129	TUM-15x1.5-L6-W66/01-S01
16 x 1.5	16	1.5	264	819	0.54	2030033131	TUM-16x1.5-L6-W66/01-S01
16 x 2	16	2	352	1120	0.69	2030033132	TUM-16x2-L6-W66/01-S01
16 x 2.5	16	2.5	440	1432	0.83	2030044183	TUM-16x2.5-L6-W66/01-S01
18 x 1.5	18	1.5	235	721	0.61	2030033134	TUM-18x1.5-L6-W66/01-S01
18 x 2	18	2	313	985	0.79	2030033115	TUM-18x2-L6-W66/01-S01
20 x 2	20	2	282	878	0.96	2030033137	TUM-20x2-L6-W66/01-S01
20 x 2.5	20	2.5	352	1120	1.08	2030033119	TUM-20x2.5-L6-W66/01-S01
22 x 2	22	2	256	792	0.99	2030033140	TUM-22x2-L6-W66/01-S01
25 x 2	25	2	226	690	1.14	2030033142	TUM-25x2-L6-W66/01-S01
25 x 2.5	25	2.5	282	878	1.42	2030033141	TUM-25x2.5-L6-W66/01-S01
25 x 3	25	3	338	1071	1.63	2030033143	TUM-25x3-L6-W66/01-S01
28 x 2	28	2	201	612	1.28	2030033145	TUM-28x2-L6-W66/01-S01
30 x 3	30	3	282	878	2.00	2030033148	TUM-30x3-L6-W66/01-S01
30 x 4	30	4	376	1202	2.57	2030033149	TUM-30x4-L6-W66/01-S01
35 x 2.5	35	2.5	201	612	2.02	6100060041	TUM-35x2.5-L6-W66/01-S01
35 x 3	35	3	242	743	2.40	2030033118	TUM-35x3-L6-W66/01-S01
38 x 4	38	4	297	928	3.35	2030033153	TUM-38x4-L6-W66/01-S01
38 x 5	38	5	371	1185	4.07	2030043517	TUM-38x5-L6-W66/01-S01
42 x 3	42	3	201	612	2.89	2030033155	TUM-42x3-L6-W66/01-S01

Standard length 6000 mm (6 m) sold as lengths  
Weight unit is kilogram per metre

**Specification – Steel Tube Zinc Plated**

Material: E235  
Tech. Std.: EN10305-4  
Condition: Cold drawn seamless  
Delivery condition: +N normalised oiled and capped  
Working pressures calculated for straight lengths @ <120° C  
Zinc plated FeZn8C Chromium 6 Free

**Order Codes**

**\*TUM\*-6x1\*-L6\*-W66/01\*-S01**

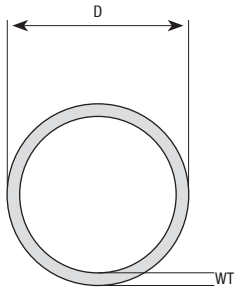
* Tubing - OD Metric	TUM	* Material	Carbon Steel	-W66/01
* Outside Tube Diameter - D (in mm)	-6	* Tube Standard	EN 10305-4:2016	-S01
* Wall Thickness - WT (in mm)	x1			
* Length	6 metre	-L6		

**Please note:** Tubing should be cut according to relevant fitting manufacturer's assembly instructions.  
STAUFF do not recommend the use of rotary cutting tools.

**DISCLAIMER:** Pressures are calculated for straight tube according to AS4041 for dynamic stress for the carbon steel tube and to AS4041 for static stress for the stainless steel tube and are given as a guide only. Bends may introduce wall thinning with consequent reduction in the allowable pressure. All critical applications should be subject to proving tests. No allowance has been made for corrosion in the calculations. Thin walled tubing will need support sleeves for secure "bite" type and "compression" type fitting assembly. Tube is generally available ex-stock, subject to prior sale. Minimum mill quantities may apply to certain sizes.





**Tube - Imperial  
Type TUI - Carbon Steel - Zinc Plated**


Size	Tube OD (mm/inches) D		Wall Thickness (mm) WT	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Item No.	Designation
6.35 x 0.91	6.35	1/4	0.91	404	1302	0.12	2030050250	TUI-6.35x0.91-L6-W66/01-S01
9.53 x 1.22	9.53	3/8	1.22	361	1150	0.25	2030050252	TUI-9.53x1.22-L6-W66/01-S01
9.53 x 1.63	9.53	3/8	1.63	482	1583	0.32	2030001571	TUI-9.53x1.63-L6-W66/01-S01
12.7 x 1.22	12.7	1/2	1.22	271	841	0.35	2030050254	TUI-12.7x1.22-L6-W66/01-S01
12.7 x 1.63	12.7	1/2	1.63	362	1153	0.45	2030050283	TUI-12.7x1.63-L6-W66/01-S01
15.88 x 1.22	15.88	5/8	1.22	218	665	0.45	2030050256	TUI-15.88x1.22-L6-W66/01-S01
15.88 x 1.63	15.88	5/8	1.63	291	908	0.58	2030050258	TUI-15.88x1.63-L6-W66/01-S01
15.88 x 2.03	15.88	5/8	2.03	362	1154	0.59	2030050259	TUI-15.88x2.03-L6-W66/01-S01
19.05 x 1.63	19.05	3/4	1.63	241	742	0.71	2030050261	TUI-19.05x1.63-L6-W66/01-S01
19.05 x 2.03	19.05	3/4	2.03	300	941	0.86	2030044325	TUI-19.05x2.03-L6-W66/01-S01
19.05 x 2.64	19.05	3/4	2.64	391	1255	1.13	2030050264	TUI-19.05x2.64-L6-W66/01-S01
25.4 x 1.63	25.4	1	1.63	181	546	0.98	2030050265	TUI-25.4x1.63-L6-W66/01-S01
25.4 x 2.03	25.4	1	2.03	225	690	1.23	2030050266	TUI-25.4x2.03-L6-W66/01-S01
25.4 x 2.64	25.4	1	2.64	293	916	1.41	2030050268	TUI-25.4x2.64-L6-W66/01-S01
25.4 x 3.25	25.4	1	3.25	361	1149	1.78	2030050269	TUI-25.4x3.25-L6-W66/01-S01
31.75 x 1.63	31.75	1-1/4	1.63	144	431	1.2	2030050270	TUI-31.75x1.63-L6-W66/01-S01
31.75 x 2.03	31.75	1-1/4	2.03	180	543	2.27	2030050271	TUI-31.75x2.03-L6-W66/01-S01
31.75 x 2.64	31.75	1-1/4	2.64	240	740	1.93	2030050272	TUI-31.75x2.64-L6-W66/01-S01
31.75 x 3.25	31.75	1-1/4	3.25	288	899	2.33	2030050273	TUI-31.75x3.25-L6-W66/01-S01
38.1 x 3.25	38.1	1-1/2	3.25	288	899	2.31	2030050061	TUI-38.1x3.25-L6-W66/01-S01

Standard length 6000 mm (6 m) sold as lengths

Weight unit is kilogram per metre

**Specification – Steel Tube Zinc Plated**

Material: E235

Tech. Std.: EN10305-4

Condition: Cold drawn seamless

Delivery condition: +N normalised  
oiled and capped

Working pressures calculated for straight lengths @ <120° C

Zinc plated FeZn8C Chromium 6 Free

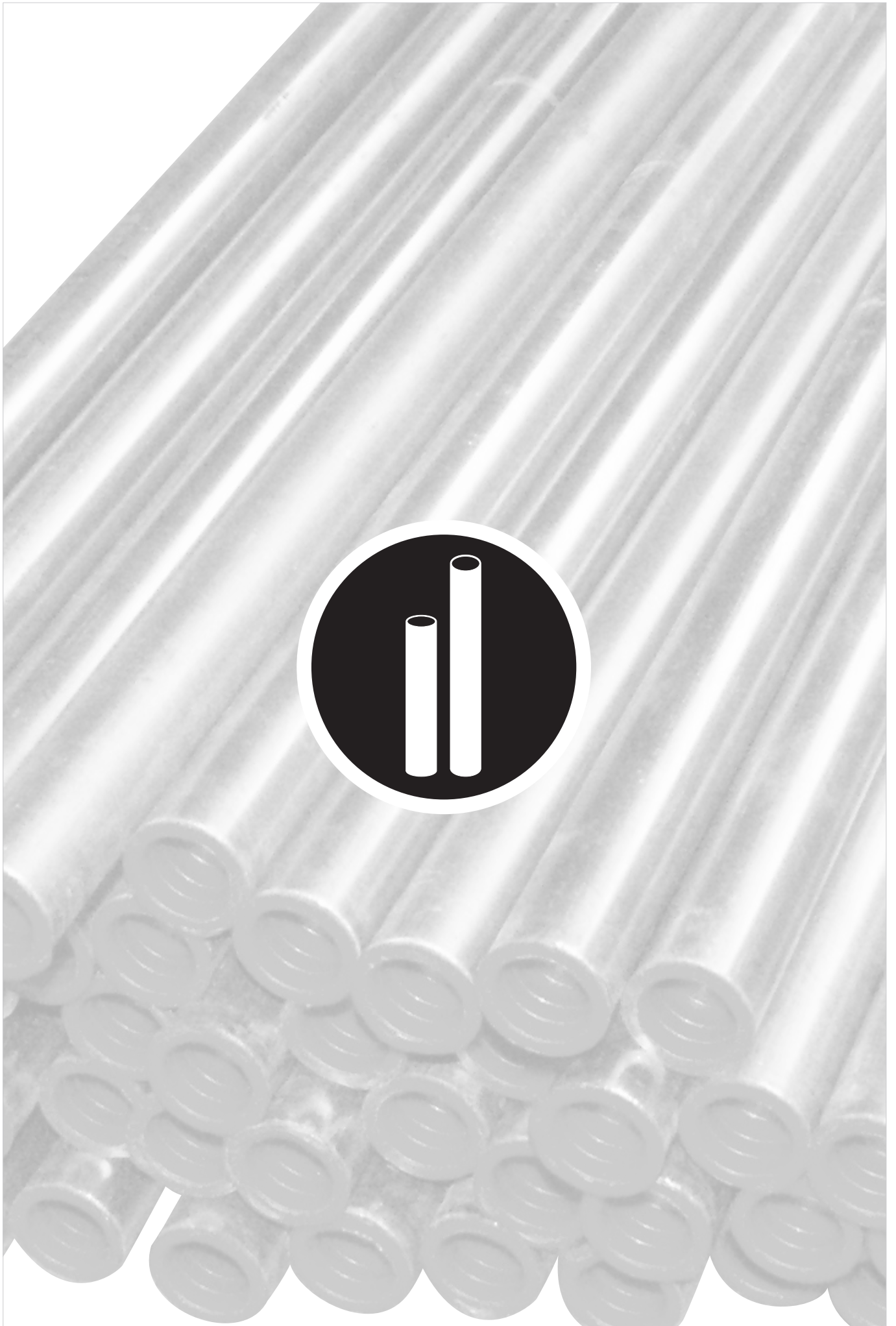
**Order Codes**
**\*TUI\*-6.35x0.91\*-L6\*-W66/01\*-S01**

* Tubing - OD Imperial	<b>TUI</b>	* Material	Carbon Steel	<b>-W66/01</b>
* Outside Tube Diameter - D (in mm)	<b>-6.35</b>	* Tube Standard	EN 10305-4:2016	<b>-S01</b>
* Wall Thickness - WT (in mm)	<b>x0.91</b>			
* Length	6 metre			<b>-L6</b>

**Please note:** Tubing should be cut according to relevant fitting manufacturer's assembly instructions.  
STAUFF do not recommend the use of rotary cutting tools.

**DISCLAIMER:** Pressures are calculated for straight tube according to AS4041 for dynamic stress for the carbon steel tube and to AS4041 for static stress for the stainless steel tube and are given as a guide only. Bends may introduce wall thinning with consequent reduction in the allowable pressure. All critical applications should be subject to proving tests. No allowance has been made for corrosion in the calculations. Thin walled tubing will need support sleeves for secure "bite" type and "compression" type fitting assembly. Tube is generally available ex-stock, subject to prior sale. Minimum mill quantities may apply to certain sizes.







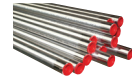
**Metric Stainless Steel - Annealed & Pickled Tube**  
TUM-...-W5/07-AP

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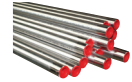
**Imperial Stainless Steel - Annealed & Pickled Tube**  
TUI-...-W5/07-AP

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**Metric Stainless Steel - Bright Annealed Tube**  
TUM-...-W5/10-BA

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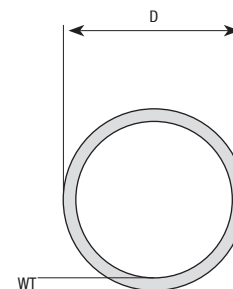


**Imperial Stainless Steel - Bright Annealed Tube**  
TUI-...-W5/10-BA

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**Tube - Metric**  
**Type TUM - Stainless Steel - Annealed & Pickled**



Size	Tube OD (mm) D	Wall Thickness (mm) WT	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Item No.	Designation
6 x 1	6	1	374	1923	0.13	6100053776	TUM-6x1-L6-W5/07-S02-AP
8 x 1	8	1	281	1400	0.16	2030050201	TUM-8x1-L6-W5/07-S02-AP
8 x 1.5	8	1.5	421	2191	0.24	2030050202	TUM-8x1.5-L6-W5/07-S02-AP
8 x 2	8	2	594	3000	0.30	2030050203	TUM-8x2-L6-W5/07-S02-AP
10 x 1	10	1	238	1098	0.23	2030050204	TUM-10x1-L6-W5/07-S02-AP
10 x 1.5	10	1.5	356	1711	0.32	2030050205	TUM-10x1.5-L6-W5/07-S02-AP
12 x 1	12	1	198	902	0.28	2030050206	TUM-12x1-L6-W5/07-S02-AP
12 x 1.5	12	1.5	297	1400	0.39	2030050207	TUM-12x1.5-L6-W5/07-S02-AP
12 x 2	12	2	396	1923	0.50	2030050208	TUM-12x2-L6-W5/07-S02-AP
14 x 2	14	2	339	1622	0.60	2030050210	TUM-14x2-L6-W5/07-S02-AP
15 x 1.5	15	1.5	238	1098	0.51	2030050211	TUM-15x1.5-L6-W5/07-S02-AP
16 x 1.5	16	1.5	223	1024	0.55	2030050212	TUM-16x1.5-L6-W5/07-S02-AP
16 x 2	16	2	297	1400	0.70	2030050213	TUM-16x2-L6-W5/07-S02-AP
16 x 2.5	16	2.5	371	1790	0.85	2030050214	TUM-16x2.5-L6-W5/07-S02-AP
18 x 1.5	18	1.5	198	902	0.62	2030050215	TUM-18x1.5-L6-W5/07-S02-AP
20 x 2	20	2	238	1098	0.90	2030050216	TUM-20x2-L6-W5/07-S02-AP
20 x 2.5	20	2.5	297	1400	1.10	2030050217	TUM-20x2.5-L6-W5/07-S02-AP
22 x 2	22	2	216	990	1.00	2030050219	TUM-22x2-L6-W5/07-S02-AP
25 x 2.5	25	2.5	238	1098	1.41	2030050221	TUM-25x2.5-L6-W5/07-S02-AP
25 x 3	25	3	285	1339	1.64	2030050222	TUM-25x3-L6-W5/07-S02-AP
28 x 2	28	2	170	765	1.30	2030050223	TUM-28x2-L6-W5/07-S02-AP
30 x 3	30	3	238	1098	2.03	2030050225	TUM-30x3-L6-W5/07-S02-AP
30 x 4	30	4	317	1503	2.60	2030050226	TUM-30x4-L6-W5/07-S02-AP
35 x 2	35	2	136	604	1.65	6100053745	TUM-35x2-L6-W5/07-S02-AP
38 x 3	38	3	188	851	2.98	6100053744	TUM-38x3-L6-W5/07-S02-AP
38 x 5	38	5	313	1481	4.13	2030050234	TUM-38x5-L6-W5/07-S02-AP
42 x 3	42	3	170	765	2.93	2030050236	TUM-42x3-L6-W5/07-S02-AP

Standard length 6000 mm (6 m) sold as lengths

Weight unit is kilogram per metre

**Specification – Stainless Steel Tube Matt Finish**

Material : Austenitic stainless steel 316/316L

Technical standards: ASTM A213AW/A269

Condition: Cold drawn seamless

Delivery Condition: plugged or capped

Working pressures: calculated for straight lengths at 50° C.

**Order Codes**

**\*TUM\*-6x1\*-L6\*-W5/07\*-S02\*-AP**

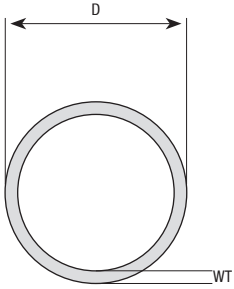
* Tubing - OD Metric	<b>TUM</b>	* Material	Stainless Steel	<b>-W5/07</b>
* Outside Tube Diameter - D (in mm)	<b>-6</b>	* Tube Standard	EN 10216-5:2013	<b>-S02</b>
* Wall Thickness - WT (in mm)	<b>x1</b>	* Tube Finish	Annealed and Pickled	<b>-AP</b>
* Length	6 metre	<b>-L6</b>		

**Please note:** Tubing should be cut according to relevant fitting manufacturer's assembly instructions.

STAUFF do not recommend the use of rotary cutting tools.

**DISCLAIMER:** Pressures are calculated for straight tube according to AS4041 for dynamic stress for the carbon steel tube and to AS4041 for static stress for the stainless steel tube and are given as a guide only. Bends may introduce wall thinning with consequent reduction in the allowable pressure. All critical applications should be subject to proving tests. No allowance has been made for corrosion in the calculations. Thin walled tubing will need support sleeves for secure "bite" type and "compression" type fitting assembly. Tube is generally available ex-stock, subject to prior sale. Minimum mill quantities may apply to certain sizes.



**Tube ▪ Imperial  
Type TUI ▪ Stainless Steel - Annealed & Pickled**


Size	Tube OD (mm/inches) D		Wall Thickness (mm) WT	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Item No.	Designation
6.35 x 0.89	6.35	1/4	0.89	333	1588	0.12	2030050312	TUI-6.35X0.89-L6-W5/07-S02-AP
6.35 x 1.24	6.35	1/4	1.24	464	2292	0.17	2030050314	TUI-6.35X1.24-L6-W5/07-S02-AP
9.53 x 0.89	9.53	3/8	0.89	222	1019	0.19	2030050318	TUI-9.53X0.89-L6-W5/07-S02-AP
9.53 x 1.24	9.53	3/8	1.24	309	1463	0.26	2030050320	TUI-9.53X1.24-L6-W5/07-S02-AP
9.53 x 1.65	9.53	3/8	1.65	411	2161	0.33	2030050325	TUI-9.53X1.65-L6-W5/07-S02-AP
12.7 x 0.89	12.7	1/2	0.89	166	749	0.27	2030050327	TUI-12.7X0.89-L6-W5/07-S02-AP
12.7 x 1.24	12.7	1/2	1.24	232	1145	0.36	2030050329	TUI-12.7X1.24-L6-W5/07-S02-AP
12.7 x 1.65	12.7	1/2	1.65	309	1461	0.46	2030050331	TUI-12.7X1.65-L6-W5/07-S02-AP
15.88 x 1.24	15.88	5/8	1.24	186	841	0.45	2030050335	TUI-15.88X1.24-L6-W5/07-S02-AP
15.88 x 1.65	15.88	5/8	1.65	247	1144	0.59	2030050338	TUI-15.88X1.65-L6-W5/07-S02-AP
19.05 x 1.24	19.05	3/4	1.24	155	403	0.55	2030050339	TUI-19.05X1.24-L6-W5/07-S02-AP
19.05 x 1.65	19.05	3/4	1.65	206	940	0.72	2030050341	TUI-19.05X1.65-L6-W5/07-S02-AP
19.05 x 2.11	19.05	3/4	2.11	263	1227	0.90	2030050343	TUI-19.05X2.11-L6-W5/07-S02-AP
19.05 x 3.25	19.05	3/4	3.25	405	1973	1.30	2030050344	TUI-19.05X3.25-L6-W5/07-S02-AP
25.4 x 1.65	25.4	1	1.65	154	691	0.98	2030050346	TUI-25.4X1.65-L6-W5/07-S02-AP
25.4 x 2.11	25.4	1	2.11	225	1037	1.23	2030050348	TUI-25.4X2.11-L6-W5/07-S02-AP
31.75 x 1.65	31.75	1-1/4	1.65	122	539	1.39	2030050350	TUI-31.75X1.65-L6-W5/07-S02-AP
31.75 x 3.05	31.75	1-1/4	3.05	228	1049	2.17	2030050351	TUI-31.75X3.05-L6-W5/07-S02-AP
31.75 x 3.25	31.75	1-1/4	3.25	262	1124	3.54	2030050352	TUI-31.75X3.25-L6-W5/07-S02-AP

Standard length 6000 mm (6 m) sold as lengths

Weight unit is kilogram per metre

**Specification – Stainless Steel Tube Matt Finish**

Material : Austenitic stainless steel 316/316L

Technical standards: ASTM A213AW/A269

Condition: Cold drawn seamless

Delivery Condition: plugged or capped

Working pressures: calculated for straight lengths at 50° C.

**Order Codes**
**\*TUI\*-6.35x0.89\*-L6\*-W5/07\*-S02\*-AP**

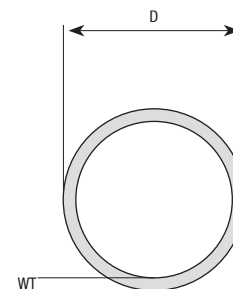
* Tubing - OD Imperial	<b>TUI</b>	* Material	Stainless Steel	<b>-W5/07</b>
* Outside Tube Diameter - D (in mm)	<b>-6.35</b>	* Tube Standard	EN 10216-5:2013	<b>-S02</b>
* Wall Thickness - WT (in mm)	<b>x0.89</b>	* Tube Finish	Annealed and Pickled	<b>-AP</b>
* Length	6 metre			<b>-L6</b>

**Please note:** Tubing should be cut according to relevant fitting manufacturer's assembly instructions.  
STAUFF do not recommend the use of rotary cutting tools.

**DISCLAIMER:** Pressures are calculated for straight tube according to AS4041 for dynamic stress for the carbon steel tube and to AS4041 for static stress for the stainless steel tube and are given as a guide only. Bends may introduce wall thinning with consequent reduction in the allowable pressure. All critical applications should be subject to proving tests. No allowance has been made for corrosion in the calculations. Thin walled tubing will need support sleeves for secure "bite" type and "compression" type fitting assembly. Tube is generally available ex-stock, subject to prior sale. Minimum mill quantities may apply to certain sizes.



**Tube - Metric**  
**Type TUM - Stainless Steel - Bright Annealed**



Size	Tube OD (mm) D	Wall Thickness (mm) WT	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Item No.	Designation
6 x 1	6	1	374	1923	0.13	6100053777	TUM-6x1-L6-W5/10-S02-BA
6 x 1.5	6	1.5	561	3000	0.17	6100053775	TUM-6x1.5-L6-W5/10-S02-BA
8 x 1	8	1	281	1400	0.18	6100053774	TUM-8x1-L6-W5/10-S02-BA
8 x 1.5	8	1.5	421	2191	0.24	6100053773	TUM-8x1.5-L6-W5/10-S02-BA
8 x 2	8	2	594	3000	0.30	6100053772	TUM-8x2-L6-W5/10-S02-BA
10 x 1	10	1	238	1098	0.23	6100053770	TUM-10x1-L6-W5/10-S02-BA
10 x 1.5	10	1.5	356	1711	0.32	6100053769	TUM-10x1.5-L6-W5/10-S02-BA
12 x 1	12	1	198	902	0.28	6100053767	TUM-12x1-L6-W5/10-S02-BA
12 x 1.5	12	1.5	297	1400	0.39	6100053766	TUM-12x1.5-L6-W5/10-S02-BA
12 x 2	12	2	396	1923	0.50	6100053765	TUM-12x2-L6-W5/10-S02-BA
14 x 2	14	2	339	1622	0.60	6100053764	TUM-14x2-L6-W5/10-S02-BA
15 x 1.5	15	1.5	238	1098	0.51	6100053763	TUM-15x1.5-L6-W5/10-S02-BA
16 x 1.5	16	1.5	223	1024	0.55	6100053762	TUM-16x1.5-L6-W5/10-S02-BA
16 x 2	16	2	297	1400	0.70	6100053761	TUM-16x2-L6-W5/10-S02-BA
16 x 2.5	16	2.5	371	1790	0.85	6100053760	TUM-16x2.5-L6-W5/10-S02-BA
18 x 1.5	18	1.5	198	902	0.62	6100053759	TUM-18x1.5-L6-W5/10-S02-BA
18 x 2	18	2	264	1231	0.80	6100053758	TUM-18x2-L6-W5/10-S02-BA
20 x 2	20	2	238	1098	0.90	6100053757	TUM-20x2-L6-W5/10-S02-BA
20 x 2.5	20	2.5	297	1400	1.10	6100053756	TUM-20x2.5-L6-W5/10-S02-BA
22 x 2	22	2	216	990	1.00	6100053755	TUM-22x2-L6-W5/10-S02-BA
25 x 2.5	25	2.5	238	1098	1.41	6100053750	TUM-25x2.5-L6-W5/10-S02-BA
25 x 3	25	3	285	1339	1.64	6100053749	TUM-25x3-L6-W5/10-S02-BA
28 x 2	28	2	170	765	1.30	6100053748	TUM-28x2-L6-W5/10-S02-BA
30 x 3	30	3	238	1098	2.03	6100053747	TUM-30x3-L6-W5/10-S02-BA
30 x 4	30	4	317	1503	2.61	6100053746	TUM-30x4-L6-W5/10-S02-BA
35 x 2	35	2	136	604	1.65	2030050227	TUM-35x2-L6-W5/10-S02-AP
35 x 3	35	3	204	929	2.50	2030050228	TUM-35x3-L6-W5/10-S02-AP
38 x 3	38	3	188	851	2.98	2030050230	TUM-38x3-L6-W5/10-S02-AP
38 x 5	38	5	313	1481	4.13	2030050233	TUM-38x5-L6-W5/10-S02-AP
42 x 3	42	3	170	765	2.93	2030050235	TUM-42x3-L6-W5/10-S02-AP

Standard length 6000 mm (6 m) sold as lengths

Weight unit is kilogram per metre

**Specification – Stainless Steel Tube Bright Annealed**

Material : Austenitic stainless steel 316/316L

Technical standards: ASTM A213AW/A269

Condition: Cold drawn seamless

Delivery Condition: plugged or capped

Working pressures: calculated for straight lengths at 50° C.

**Please note:** Tubing should be cut according to relevant fitting manufacturer's assembly instructions.

STAUFF do not recommend the use of rotary cutting tools.

**Order Codes**

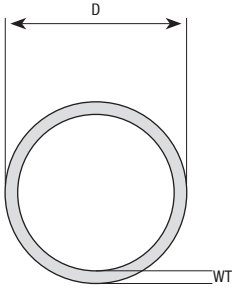
**\*TUM\*-6x1\*-L6\*-W5/10\*-S02\*-BA**

* Tubing - OD Metric	<b>TUM</b>	* Material	Stainless Steel	<b>-W5/10</b>
* Outside Tube Diameter - D (in mm)	<b>-6</b>	* Tube Standard	EN 10216-5:2013	<b>-S02</b>
* Wall Thickness - WT (in mm)	<b>x1</b>	* Tube Finish	Bright Annealed Annealed and Pickled	<b>-BA</b> <b>-AP</b>
* Length	6 metre		(sizes 35 to 42)	

**DISCLAIMER:** Pressures are calculated for straight tube according to AS4041 for dynamic stress for the carbon steel tube and to AS4041 for static stress for the stainless steel tube and are given as a guide only. Bends may introduce wall thinning with consequent reduction in the allowable pressure. All critical applications should be subject to proving tests. No allowance has been made for corrosion in the calculations. Thin walled tubing will need support sleeves for secure "bite" type and "compression" type fitting assembly.

Tube is generally available ex-stock, subject to prior sale. Minimum mill quantities may apply to certain sizes.



**Tube ▪ Imperial  
Type TUI ▪ Stainless Steel - Bright Annealed**


Size	Tube OD (mm/inches) D	Wall Thickness (mm) WT	Working Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Item No.	Designation	
4.76 x 0.89	4.76	3/16	0.89	445	1403	0.92	2030050310	TUI-4.76x0.89-L6-W5/10-S02-BA
6.35 x 0.89	6.35	1/4	0.89	333	1588	0.12	2030050311	TUI-6.35x0.89-L6-W5/10-S02-BA
6.35 x 1.24	6.35	1/4	1.24	464	2292	0.17	2030050313	TUI-6.35x1.24-L6-W5/10-S02-BA
6.35 x 1.65	6.35	1/4	1.65	617	3125	0.18	2030050315	TUI-6.35x1.65-L6-W5/10-S02-BA
7.94 x 0.89	7.94	5/16	0.89	266	1241	0.17	2030050353	TUI-7.94x0.89-L6-W5/10-S02-BA
9.53 x 0.89	9.53	3/8	0.89	222	1019	0.19	2030050317	TUI-9.53x0.89-L6-W5/10-S02-BA
9.53 x 1.24	9.53	3/8	1.24	309	1463	0.26	2030050319	TUI-9.53x1.24-L6-W5/10-S02-BA
9.53 x 1.65	9.53	3/8	1.65	411	2161	0.33	2030050324	TUI-9.53x1.65-L6-W5/10-S02-BA
12.7 x 0.89	12.7	1/2	0.89	166	749	0.27	2030050326	TUI-12.7x0.89-L6-W5/10-S02-BA
12.7 x 1.24	12.7	1/2	1.24	232	1145	0.36	2030050328	TUI-12.7x1.24-L6-W5/10-S02-BA
12.7 x 1.65	12.7	1/2	1.65	309	1461	0.46	2030050330	TUI-12.7x1.65-L6-W5/10-S02-BA
12.7 x 2.11	12.7	1/2	2.11	395	1916	0.56	2030050332	TUI-12.7x2.11-L6-W5/10-S02-BA
15.88 x 1.24	15.88	5/8	1.24	186	841	0.45	2030050334	TUI-15.88x1.24-L6-W5/10-S02-BA
15.88 x 1.65	15.88	5/8	1.65	247	1144	0.59	2030050336	TUI-15.88x1.65-L6-W5/10-S02-BA
19.05 x 1.24	19.05	3/4	1.24	155	403	0.55	2030050337	TUI-19.05x1.24-L6-W5/10-S02-BA
19.05 x 1.65	19.05	3/4	1.65	206	940	0.72	2030050340	TUI-19.05x1.65-L6-W5/10-S02-BA
19.05 x 2.11	19.05	3/4	2.11	263	1227	0.90	2030050342	TUI-19.05x2.11-L6-W5/10-S02-BA
25.4 x 1.65	25.4	1	1.65	154	691	0.98	2030050345	TUI-25.4x1.65-L6-W5/10-S02-BA
25.4 x 2.11	25.4	1	2.11	225	1037	1.23	2030050347	TUI-25.4x2.11-L6-W5/10-S02-BA

Standard length 6000 mm (6 m) sold as lengths

Weight unit is kilogram per metre

**Specification – Stainless Steel Tube Bright Annealed**

Material : Austenitic stainless steel 316/316L

Technical standards: ASTM A213AW/A269

Condition: Cold drawn seamless

Delivery Condition: plugged or capped

Working pressures: calculated for straight lengths at 50° C.

**Order Codes**
**\*TUI\*-6.35x0.89\*-L6\*-W5/10\*-S02\*-BA**

* Tubing - OD Imperial	<b>TUI</b>	* Material	Stainless Steel	<b>-W5/10</b>
* Outside Tube Diameter - D (in mm)	<b>-6.35</b>	* Tube Standard	EN 10216-5:2013	<b>-S02</b>
* Wall Thickness - WT (in mm)	<b>x0.89</b>	* Tube Finish	Bright Annealed	<b>-BA</b>
* Length	6 metre			<b>-L6</b>

**Please note:** Tubing should be cut according to relevant fitting manufacturer's assembly instructions.

STAUFF do not recommend the use of rotary cutting tools.

**DISCLAIMER:** Pressures are calculated for straight tube according to AS4041 for dynamic stress for the carbon steel tube and to AS4041 for static stress for the stainless steel tube and are given as a guide only. Bends may introduce wall thinning with consequent reduction in the allowable pressure. All critical applications should be subject to proving tests. No allowance has been made for corrosion in the calculations. Thin walled tubing will need support sleeves for secure "bite" type and "compression" type fitting assembly.

Tube is generally available ex-stock, subject to prior sale. Minimum mill quantities may apply to certain sizes.



Introduction

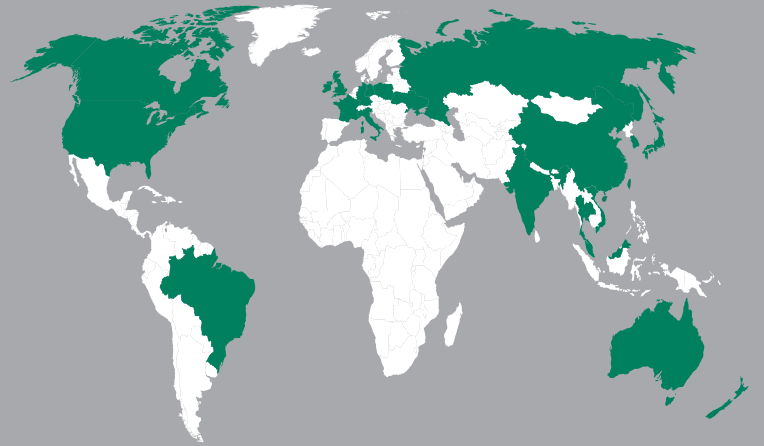
STAUFF Tube - Steel

STAUFF Tube - Stainless Steel



## Catalogue 2.4

### STAUFF Tube



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