



# BUHLMANN

## TUBE SOLUTIONS

### ALLOY SURCHARGES AUGUST 2015

| SEAMLESS STAINLESS STEEL PIPES |                   |                        |                         |        |
|--------------------------------|-------------------|------------------------|-------------------------|--------|
| Material number                | EN                | ASTM/ASME <sup>1</sup> | Alloy surcharges (Euro) | Unit   |
| 1.4301                         | X5CrNi18-10       | TP304                  | 2,08                    | per KG |
| 1.4306                         | X2CrNi19-11       | TP304L                 | 2,08                    | per KG |
| 1.4307                         | X2CrNi18-9        | TP304L                 | 2,08                    | per KG |
| 1.4401                         | X5CrNiMo17-12-2   | TP316                  | 2,70                    | per KG |
| 1.4404                         | X2CrNiMo17-12-2   | TP316L                 | 2,70                    | per KG |
| 1.4462                         | X2CrNiMoN22-5-3   | S31803                 | 2,05                    | per KG |
| 1.4539                         | X1NiCrMoCu28-20-5 | N08904                 | 4,90                    | per KG |
| 1.4550                         | X6CrNiNb18-10     | TP347/347H             | 40.756,00               | per KG |
| 1.4571                         | X6CrNiMoTi17-12-2 | TP316Ti                | 2,70                    | per KG |
| 1.4541                         | X6CrNiTi18-10     | TP321                  | 2,08                    | per KG |
| 1.4878                         | X8CrNiTi18-10     | TP321H                 | 2,08                    | per KG |

| WELDED STAINLESS STEEL PIPES |                   |                        |                         |        |
|------------------------------|-------------------|------------------------|-------------------------|--------|
| Material number              | EN                | ASTM/ASME <sup>1</sup> | Alloy surcharges (Euro) | UNIT   |
| 1.4301                       | X5CrNi18-10       | TP304                  | 1,34                    | per KG |
| 1.4306                       | X2CrNi19-11       | TP304L                 | 1,47                    | per KG |
| 1.4307                       | X2CrNi18-9        | TP304L                 | 1,34                    | per KG |
| 1.4401                       | X5CrNiMo17-12-2   | TP316                  | 1,85                    | per KG |
| 1.4404                       | X2CrNiMo17-12-2   | TP316L                 | 1,85                    | per KG |
| 1.4462                       | X2CrNiMoN22-5-3   | S31803                 | 1,47                    | per KG |
| 1.4539                       | X1NiCrMoCu28-20-5 | N08904                 | 3,32                    | per KG |
| 1.4550                       | X6CrNiNb18-10     | TP347/347H             | 1,34                    | per KG |
| 1.4571                       | X6CrNiMoTi17-12-2 | TP316Ti                | 1,88                    | per KG |
| 1.4541                       | X6CrNiTi18-10     | TP321                  | 1,47                    | per KG |
| 1.4878                       | X8CrNiTi18-10     | TP321H                 | 1,47                    | per KG |

| ALLOY PIPES     |                 |                        |                         |           |
|-----------------|-----------------|------------------------|-------------------------|-----------|
| Material number | EN              | ASTM/ASME <sup>1</sup> | Alloy surcharges (Euro) | Unit      |
| 1.7380          | 10CrMo9-10      | P22/T22                | 791,00                  | per Tonne |
| 1.7338          | 10CrMo5-5       | P11/T11                | 411,00                  | per Tonne |
| 1.7335          | 13CrMo4-5       | P12/T12                | 384,00                  | per Tonne |
| 1.5414          | 16Mo3           | -                      | 157,00                  | per Tonne |
| 1.6368          | 15NiCuMoNb5-6-4 | T36                    | 778,00                  | per Tonne |
| 1.4903          | X10CrMoVNb9-1   | P91/T91                | 1.602,00                | per Tonne |
| 1.4903+         | X10CrWMoVNb9-2  | P92/T92                | 2.387,00                | per Tonne |
| 1.4922          | X20CrMoV11-1    | -                      | 2.137,00                | per Tonne |
| 1.7386          | X11CrMo9-1      | P9/T9                  | 1.452,00                | per Tonne |
| 1.7362          | X11CrMo5        | P5/T5                  | 793,00                  | per Tonne |
| 1.4915          | VM12            | -                      | 2.986,00                | per Tonne |

All details are without guarantee

<sup>1</sup> equivalent to EN, but not consistently