

Hy-Lok D GmbH

An der Autobahn 15  
28876 Oyten  
Germany  
Tel. : ++ 49 4207 69 94-0  
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EN 10204 - 2.2

**Certification of Material**  
(No.COM2402-01)

SCOPE OF APPLICATION

Fitting & Valves

The above products which are to be shipped to you for the duration of one(1) year from February '2024 to February '2025 are manufactured from material purchased and certified as being in accordance with the specification(s) set below :

Stainless Steel 316 Forging / ASTM A182

**Typical Mechanical Properties**

Yield Str. Mpa	Ten Str. Mpa	Elong %	R.A %
311	629	68	77

**Typical Chemical Analysis**

C	Si	Mn	P	S	Ni	Cr	Mo	N
0.017	0.489	1.315	0.0341	0.0132	10.055	16.582	2.057	0.0664

Stainless Steel 316 Bar Stock / ASTM A479

**Typical mechanical Properties**

Yield Str. Mpa	Ten Str. Mpa	Elong %	R.A %
633	713	40	74

**Typical Chemical Analysis**

C	Si	Mn	P	S	Ni	Cr	Mo
0.015	0.26	1.69	0.035	0.024	10.10	16.04	2.61

The above mentioned are manufactured in our plant in accordance with HY-LOK CORPORATION Standard and each fittings is 100% visually tested and dimension check is sampling inspected.

Certified by  for HY-LOK CORPORATION  
February 2024

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**Certification of Material**  
(No.COM2402-02)

SCOPE OF APPLICATION

Valve & Fittings

The above products which are to be shipped to you for the duration of one(1) year from February '2024 to February '2025 are manufactured from material purchased and certified as being in accordance with the specification(s) set below :

Brass Forging / KS D 5101 C3771BE-F

**Typical Chemical Analysis**

Cu	Pb	Fe+Sn	Zn
59.18	2.028	0.4217	Rem.

**Typical mechanical Properties**

Ten Str. N/mm <sup>2</sup>	Elong %
430	20

Brass Bar Stock / KS D 5101 C3604BD-F

**Typical Chemical Analysis**

Cu	Pb	Fe	Fe+Sn	Zn
58.77	3.466	0.2511	0.5430	Rem.

**Typical mechanical Properties**

Hard. HV  
122

The above mentioned are manufactured in our plant in accordance with HY-LOK CORPORATION Standard and each fittings is 100% visually tested and dimension check is sampling inspected.

Certified by  for HY-LOK CORPORATION  
February 2024