

STANDARD

FIXP band clamps are designed in compliance with DIN 3017, and are used to assemble all kinds of industrial hoses.

OPERATION

In case of smaller hose dimensions a single band clamp is used. For larger hose diameters the use of two bold clamps is recommended. When two FIXP clamps are assembled on a serrated hose shank always place them in a quarter turn opposed to each other. This will prevent leakage.

FIXP band clamps are preferably assembled with a torque wrench. Always use the recommended torque value because clamping force is vital to prevent leakage or blow-off. Thanks to the large band width together with the rounded band edges damage to the hose is prevented.

FEATURES



1. Tool spacer for easy assembly
2. Rounded bridge
3. High-quality spot welds for strength
4. Full bushing for strong bridge constructions
5. Guiding bridges guide the clamp ensuring smooth running when torqued tight
6. Rounded edge to prevent burrs and perforations when torqued tightly



1. 2. 3. 4. 5. 6.



APPLICATION

Sealing and retaining suction and pressure hoses with steel or plastic reinforcement and high shore hardness.

Torque moment - Nm for steel band clamps

HOSE DIAMETER MIN - MAX	NM STEEL CLAMP	NM SS CLAMP	HOSE DIAMETER MIN - MAX	NM STEEL CLAMP	NM SS CLAMP
17 - 19	4.5	25.0	86 - 91	25.0	50.0
20 - 22	4.5	25.0	92 - 97	25.0	50.0
23 - 25	4.5	25.0	98 - 103	25.0	50.0
26 - 28	4.5	25.0	104 - 112	25.0	50.0
29 - 31	8.0	25.0	113 - 121	25.0	50.0
32 - 35	8.0	25.0	122 - 130	25.0	50.0
36 - 39	8.0	25.0	131 - 139	50.0	50.0
40 - 43	8.0	50.0	140 - 148	50.0	50.0
44 - 47	8.0	50.0	149 - 162	50.0	50.0
48 - 51	8.0	50.0	163 - 174	50.0	50.0
52 - 55	8.0	50.0	174 - 187	50.0	50.0
56 - 59	8.0	50.0	188 - 200	50.0	50.0
60 - 63	25.0	50.0	210 - 213	50.0	50.0
64 - 67	25.0	50.0	214 - 226	50.0	50.0
68 - 73	25.0	50.0	227 - 239	50.0	50.0
74 - 79	25.0	50.0	240 - 252	50.0	50.0
80 - 85	25.0	50.0			

Nm= maximum advised torque moment, we recommend working at 72% of the maximum values

MATERIAL

	STEEL (FIXP)	STAINLESS STEEL (FIXPR)
Clamp	W1, galvanised steel band	W4, stainless steel AISI 304 - 1.4301
Bushing	Zinc-plated Q235LL	W4, Stainless steel AISI 304 - 1.4301
Screw	8.8	Stainless steel A2 - galvanized
Bridge	W1, galvanised steel plate	Stainless steel AISI 304 - 1.4301

W1 clamps are the most frequently used. W4 clamps are recommended where greater corrosion resistance is required. We recommend W5 for use in high-corrosion environments.

W 1 Galvanised steel band. Low corrosion resistance.

Application: Household and indoor plumbing applications.

W 2 Chrome steel band and housing (AISI 430 – 1.4016). Zinc-plated mild steel screw. Low to average corrosion resistance, ensuring that corroded connections can be loosened.

Application: Cars, trucks and mechanical engineering applications with low corrosion-resistance requirements.

W 3 All components in chrome steel (AISI 430 – 1.4016). W3 is used exclusively in original equipment applications. Medium corrosion resistance.

Application: Automotive industry.

W 4 Nickel chrome steel band (AISI 304 – 1.4301, also known as V2A). High corrosion resistance and bright durable surface.

Application: For critical automotive connections, such as fuel lines (SM 9 clamps made from W4), top-grade mechanical engineering applications, agricultural machinery, motorcycles, etc ...

W 5 All components in nickel chrome molybdenum steel (AISI 316 – 1.4401, also known as V4A). W5 is saltwater-resistant and is very hard to magnetise. Maximum corrosion resistance. Used close to critical components and electronic circuits.

Application: Ship building, defence, food, sewage treatment, chemical and high-specification mechanical engineering applications.

THREADS

Bolt: Metric

