

IFE-GSWS

German Style Worm Drive Clamps With Spring



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The IFE German-style clamp with a spring insert is a dynamic clamp that delivers higher clamping force at lower torque compared to the American style with a spring. This design is ideal for applications experiencing extreme temperature variations, ensuring consistent tension and reliability.

- High Clamping force
- Rolled edges eliminate hose abrasion
- Non-Perforated band eliminates hose extrusion
- Spring insert on the clamp band compensates for thermal expansion and contraction as well as compression set of rubber hose
- Lightweight and compact compared to other dynamic clamp designs



IFE Americas is a global provider of sealing and retaining solutions to meet customer needs. We offer a wide range of clamps, couplings, straps, and sleeves, with in-house testing facilities and technical support.



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- All sizes available in 9mm and 12mm bandwidth with a 7mm screw head.
- Available in W3 (all economy grade of stainless steel screw, band and housing, with a 300 series stainless steel spring insert) and W4 (all 300 series stainless steel screw, band, housing and spring insert)
- Special sizes are available for high-volume orders. Custom sizes with shorter or extended thread patterns are also available.



9 mm Band Width			
W3 Part No.	Size in mm	W4 Part No.	Size in mm
12212127030016	8-16	12212127040016	8-16
12212127030020	12-20	12212127040020	12-20
12212127030023	13-23	12212127040023	13-23
12212127030027	16-27	12212127040027	16-27
12212127030032	20-32	12212127040032	20-32
12212127030040	25-40	12212127040040	25-40
12212127030045	30-45	12212127040045	30-45
12212127030050	35-50	12212127040050	35-50
12212127030057	33-57	12212127040057	33-57
12212127030060	40-60	12212127040060	40-60
12212127030065	45-65	12212127040065	45-65
12212127030070	50-70	12212127040070	50-70
12212127030080	60-80	12212127040080	60-80
12212127030090	70-90	12212127040090	70-90
12212127030100	80-100	12212127040100	80-100
12212127030110	90-110	12212127040110	90-110
12212127030120	100-120	12212127040120	100-120

All screws have 7 mm hex head

All sizes are available in the more economical W3 ferritic stainless steel. W4 austenitic stainless steel can be provided for special requests. Special sizes and other materials are available for high-volume orders.

12 mm Band Width			
W3 Part No.	Size in mm	W4 Part No.	Size in mm
19912227030027	16-27	19912227040027	16-27
19912227030032	20-32	19912227040032	20-32
19912227030040	25-40	19912227040040	25-40
19912227030045	30-45	19912227040045	30-45
19912227030050	35-50	19912227040050	35-50
19912227030060	40-60	19912227040060	40-60
19912227030070	50-70	19912227040070	50-70
19912227030080	60-80	19912227040080	60-80
19912227030090	70-90	19912227040090	70-90
19912227030100	80-100	19912227040100	80-100
19912227030110	90-110	19912227040110	90-110
19912227030120	100-120	19912227040120	100-120
19912227030130	110-130	19912227040130	110-130
19912227030140	120-140	19912227040140	120-140
19912227030150	130-150	19912227040150	130-150
19912227030160	140-160	19912227040160	140-160
19912227030170	150-170	19912227040170	150-170
19912227030180	160-180	19912227040180	160-180
19912227030190	170-190	19912227040190	170-190
19912227030200	180-200	19912227040200	180-200
19912227030210	190-210	19912227040210	190-210
19912227030220	200-220	19912227040220	200-220

All screws have 7 mm hex head

Due to our program of continuous improvement, specifications may be subject to change.

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