



HEAVY DUTY T-BOLT CLAMPS

Innovatively designed and meticulously engineered, Kale Heavy Duty T-Bolt clamps have achieved new standards in performance and reliability



kale HEAVY DUTY T-BOLT CLAMPS

Kale HD T-Bolt clamps are manufactured utilising TOX®-Clinching joints. A cold forming press technique that is more than 70% stronger than welding and superior to tab style mechanical locks.

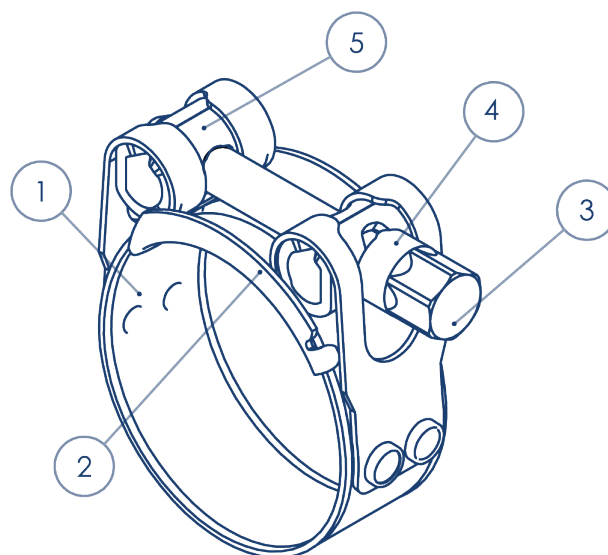
Produced in Europe to DIN 3017-3 standards, Kale HD T-Bolt clamps are suitable for high shore hardness or reinforced hoses.

Additional design features include:

- no welding and no contact corrosion points
- hollow 'D' shape trunnions to reduce tensile force on the bolt and clinched joint
- a profiled bridge with extended tabs for secure attachment to the band without welding
- W1 steel bolts are Class 8.8 and feature an integrated spacer in place of a separate bush
- rolled band edges which are designed to protect damage to the hose or wall fabric
- a high clamping force with low free torque value.

Available in 2 materials (W1 and W4) in sizes ranging from 17-19mm through to 239-252 mm, typical applications include suction and pump hoses across a wide range of industries:

- agriculture
- automotive
- marine
- mining
- plumbing
- OEMs.



Part	Part Name	Material Combination	
		W1	W4
1	Band	Carbon Steel*	Stainless Steel 1.4301
2	Bridge	Carbon Steel*	Stainless Steel 1.4301
3	Bolt	ISO 898-1 Class 8.8*	ISO 3506-1 Class A2-70
4	Bush	-	Stainless Steel 1.4301
5	Trunnion	Carbon Steel*	Stainless Steel 1.4301
Corrosion Resistance acc. to ISO 9227		Min. 72 hours	Min. 240 hours
Bolt Head			

*Zinc Plated



kale HEAVY DUTY T-BOLT CLAMPS

W1		W4		W1 / W4	W1 / W4	W1 / W4
Article No	Product Description	Article No	Product Description	Band Width / Hex (mm)	Diameter Range (mm)	Tightening Torque (Nm)
4000012005	HD18 17-19 W1 TOX	4000041005	HD18 17-19 W4 TOX	18 / 8	17-19	8
4000012010	HD18 19-21 W1 TOX	4000041010	HD18 19-21 W4 TOX		19-21	
4000012015	HD18 21-23 W1 TOX	4000041015	HD18 21-23 W4 TOX		21-23	
4000012020	HD18 23-25 W1 TOX	4000041020	HD18 23-25 W4 TOX		23-25	
4000012025	HD18 25-27 W1 TOX	4000041025	HD18 25-27 W4 TOX		25-27	
4000012030	HD18 27-29 W1 TOX	4000041030	HD18 27-29 W4 TOX		27-29	
4000012035	HD18 29-31 W1 TOX	4000041035	HD18 29-31 W4 TOX		29-31	
4010013040	HD20 31-34 W1 TOX	4010042040	HD20 31-34 W4 TOX	20 / 10	31-34	10
4010013045	HD20 34-37 W1 TOX	4010042045	HD20 34-37 W4 TOX		34-37	
4010013050	HD20 37-40 W1 TOX	4010042050	HD20 37-40 W4 TOX		37-40	
4010013055	HD20 40-43 W1 TOX	4010042055	HD20 40-43 W4 TOX		40-43	
4010013060	HD20 43-47 W1 TOX	4010042060	HD20 43-47 W4 TOX		43-47	
4010013065	HD20 47-51 W1 TOX	4010042065	HD20 47-51 W4 TOX		47-51	
4010013070	HD20 51-55 W1 TOX	4010042070	HD20 51-55 W4 TOX		51-55	
4010013075	HD20 55-59 W1 TOX	4010042075	HD20 55-59 W4 TOX		55-59	
4010013080	HD20 59-63 W1 TOX	4010042080	HD20 59-63 W4 TOX		59-63	
4010013085	HD20 63-68 W1 TOX	4010042085	HD20 63-68 W4 TOX		63-68	
4020014090	HD25 68-73 W1 TOX	4020044090	HD25 68-73 W4 TOX	25 / 13	68-73	20
4020014095	HD25 73-79 W1 TOX	4020044095	HD25 73-79 W4 TOX		73-79	
4020014100	HD25 79-85 W1 TOX	4020044100	HD25 79-85 W4 TOX		79-85	
4020014105	HD25 85-91 W1 TOX	4020044105	HD25 85-91 W4 TOX		85-91	
4020014110	HD25 91-97 W1 TOX	4020044110	HD25 91-97 W4 TOX		91-97	
4020014115	HD25 97-104 W1 TOX	4020044115	HD25 97-104 W4 TOX		97-104	
4020014120	HD25 104-112 W1 TOX	4020044120	HD25 104-112 W4 TOX		104-112	
4020014125	HD25 112-121 W1 TOX	4020044125	HD25 112-121 W4 TOX		112-121	
4020014130	HD25 121-130 W1 TOX	4020044130	HD25 121-130 W4 TOX		121-130	
4020014135	HD25 130-140 W1 TOX	4020044135	HD25 130-140 W4 TOX		130-140	
4020014140	HD25 140-150 W1 TOX	4020044140	HD25 140-150 W4 TOX		140-150	
4020014145	HD25 150-162 W1 TOX	4020044145	HD25 150-162 W4 TOX		150-162	
4020014150	HD25 162-174 W1 TOX	4020044150	HD25 162-174 W4 TOX		162-174	
4020014155	HD25 174-187 W1 TOX	4020044155	HD25 174-187 W4 TOX		174-187	
4020014160	HD25 187-200 W1 TOX	4020044160	HD25 187-200 W4 TOX		187-200	
4020014165	HD25 200-213 W1 TOX	4020044165	HD25 200-213 W4 TOX		200-213	
4020014170	HD25 213-226 W1 TOX	4020044170	HD25 213-226 W4 TOX		213-216	
4020014175	HD25 226-239 W1 TOX	4020044175	HD25 226-239 W4 TOX		226-239	
4020014180	HD25 239-252 W1 TOX	4020044180	HD25 239-252 W4 TOX		239-252	

Minimum order qty 10 pce per dimension

GLOBAL CLAMPS

Phone +61 3 9888 0175

info@globalclamps.com.au



WWW.GLOBALCLAMPS.COM.AU