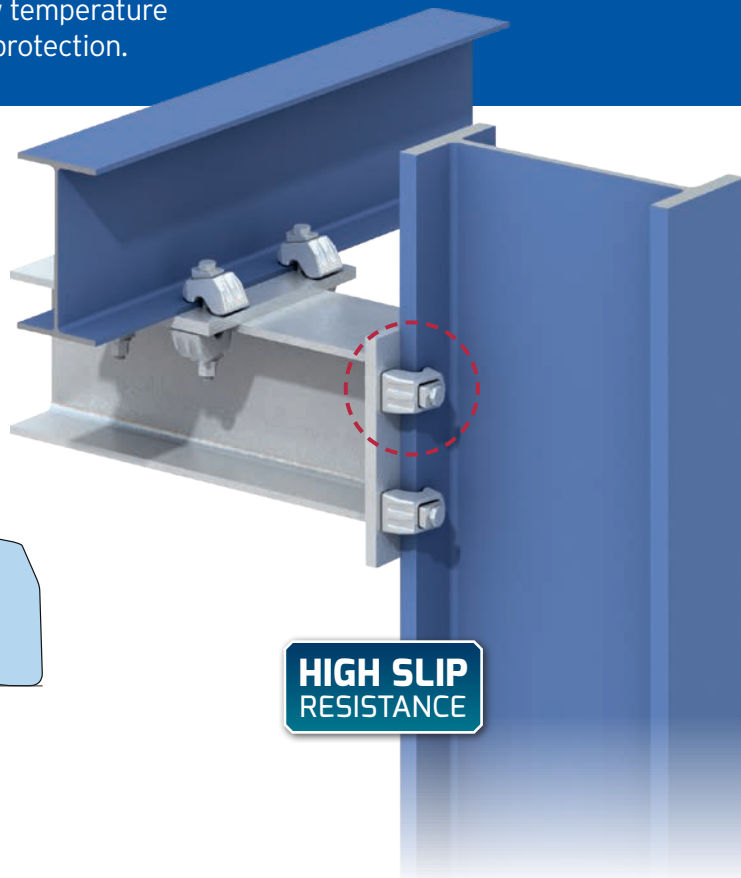
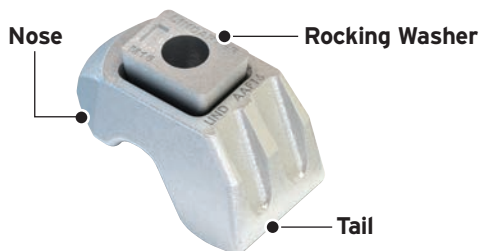
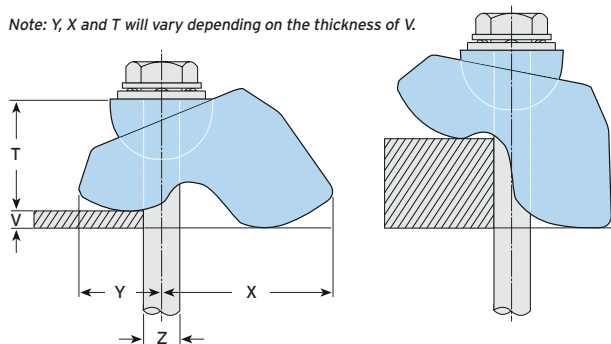


Type AAF

This adjustable High Slip Resistance (HSR) clamp is easy to install and provides high load capacities even in low temperature environments. Hot dip galvanised corrosion protection.



Note: Y, X and T will vary depending on the thickness of V.



- High slip resistance for tensile, frictional and combined load applications.
- Independently tested for dynamic loading.
- Self-adjusts to suit flange thicknesses.
- Safe working loads apply in temperatures as low as -60°C.
- For parallel and tapered flanges up to 10°.
- The tail spans slotted clearance holes.

- Packings are available to increase the clamping range, see page 18. Location plate / end plate details can be found on page 19.
- Lindapter recommends the use of DTI Washers conforming to EN14399-9 with the Type AAF. For further information please refer to page 72.
- NEW Dynamic load testing has been performed in accordance with EN 1993-1-9. Please contact our Technical Support team for more information and design data.

Material: Low temperature SG iron, hot dip galvanised.



Product Code	Bolt		Safe Working Loads			Tightening Torque*	Clamping Range ³⁾ V	Dimensions			
	Size Z	Property Class ⁴⁾	Tensile / 1 Bolt (FOS 4.5:1)	Slip ¹⁾ / 2 Bolts (FOS 2:1)				Y	X	T	Width
				Painted Steelwork ²⁾	Galvanised Steelwork						
			kN	kN	kN	Nm	mm	mm	mm	mm	mm
AAF12	M12	8.8	8.5	3.4	3.9	90	5 - 26	25 - 34	27 - 49	26 - 35	41
AAF16	M16	8.8	16.0	8.0	10.0	240	6 - 30	34 - 50	31 - 58	35 - 46	56
AAF20	M20	8.8	26.3	13.0	16.0	470	6 - 40	48 - 78	49 - 64	52 - 64	77
AAF12	M12	10.9	10.0	4.0	5.2	130	5 - 26	25 - 34	27 - 49	26 - 35	41
AAF16	M16	10.9	19.5	11.0	12.0	300	6 - 30	34 - 50	31 - 58	35 - 46	56
AAF20	M20	10.9	30.0	20.0	25.0	647	6 - 40	48 - 78	49 - 64	52 - 64	77

1) Slip resistant values calculated against movement exceeding 0.1mm.
 2) Shot blast and painted steelwork.
 3) For thicker flanges, packing pieces AFP1 and AFP2 are available (for AAF12 and AAF16 only) or packing piece AAP3 (for AAF20 only). See page 18.
 4) For ease of installation when using 10.9 bolts Lindapter recommends using fastener assemblies to EN 14399-1.

* Torque figures based on bolts / setscrews in an unlubricated condition. For further information on lubricated fasteners see page 72.

For Characteristic Resistances when designing a connection to Eurocode 3, refer to DoP No.005 on Lindapter's website or request the DoP Brochure >>



GIRDER CLAMPS
RAIL FIXINGS
LIFTING POINTS
HOLLO-BOLT
FLOOR FIXINGS
SUPPORT FIXINGS
DECKING FIXINGS