

STANLEY
Engineered Fastening



Avdel® M12 NeoBolt® XT

High strength, vibration resistant lockbolt designed for use in large diameter heavy-duty structural applications.



AVDEL®

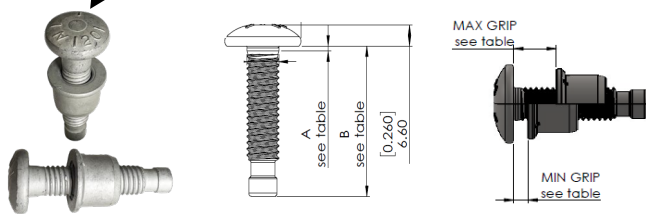
Avdel® M12 NeoBolt® XT Lockbolt

A high strength & vibration resistant lockbolt designed for use in large diameter heavy-duty structural applications.

The Avdel® M12 NeoBolt® XT is a high-strength lockbolt designed for applications where vibration and dynamic loads are present.

- **High Strength:** Shear strength of up to 150 kN for superior performance and reliability in heavy-duty applications.
- **Quality Assurance:** Quick visual inspection on swagging ensures quality and reduces the risk of installation errors.
- **Reduced Noise and Waste:** No pin break reduces installation noise and waste, while high corrosion resistance ensures long-lasting durability.
- **Tamper-proof Joint:** Collar design of the M12 NeoBolt® XT provides added security and protection against tampering.
- **Consistent Clamp Loads:** Locking mechanism ensures stable and reliable performance, even in challenging environments.

4 Bars Swage Indicator



Installation Tools



734 AV® Series: AV® 20

- Robust and highly durable designed for a long working life in extreme conditions.
- Pulling force: 80 kN
- Stroke: 45 mm

Nose equipment and accessories available – Please contact us for more details

Applications



Solar PV Trackers



Wind Turbines



Energy Storage



Trailers



Large HVAC



Railway

Technical Details

M12 NEOBOLT® XT											
Part No.	Grip Code	Grip Range		Recommended Hole Size		A Nominal	B Nominal	Installed Performance Min Kn (lbs)			Collar Part No.
		Min mm (inch)	Max mm (inch)	Min	Max			Shear	Tension	Clamp	
42812-612010	10	5.0 (0.197)	15.0 (0.591)	12.3 (0.484)	13.5 (0.531)	1.59 (0.063)	47.17 (1.857)	65.4 (14,700)	87.6 (19,700)	64.9 (14,600)	42802-81200
42812-612015	15	10.0 (0.394)	20.0 (0.787)			6.59 (0.259)	52.17 (2.054)				
42812-612020	20	15.0 (0.591)	25.0 (0.984)			11.59 (0.456)	57.17 (2.251)				
42812-612025	25	20.0 (0.787)	30.0 (1.181)			16.59 (0.653)	62.17 (2.448)				
42812-612030	30	25.0 (0.984)	35.0 (1.378)			21.59 (0.850)	67.17 (2.644)				
42812-612035	35	30.0 (1.181)	40.0 (1.575)			26.59 (1.047)	72.17 (2.841)				
42812-612040	40	35.0 (1.378)	45.0 (1.772)			31.59 (1.244)	77.17 (3.038)				
42812-612045	45	40.0 (1.575)	50.0 (1.969)			36.59 (1.441)	82.17 (3.235)				
42812-612050	50	45.0 (1.772)	55.0 (2.165)			41.59 (1.637)	87.17 (3.432)				
42812-612055	55	50.0 (1.969)	60.0 (2.362)			46.59 (1.834)	92.17 (3.629)				
42812-612060	60	55.0 (2.165)	65.0 (2.559)			51.59 (2.031)	97.17 (3.826)				
42812-612065	65	60.0 (2.362)	70.0 (2.756)			56.59 (2.228)	102.17 (4.022)				
42812-612070	70	65.0 (2.559)	75.0 (2.953)			61.59 (2.425)	107.17 (4.219)				
42812-612075	75	70.0 (2.756)	80.0 (3.150)			66.59 (2.622)	112.17 (4.416)				
42812-612080	80	75.0 (2.953)	85.0 (3.346)			71.59 (2.819)	117.17 (4.613)				