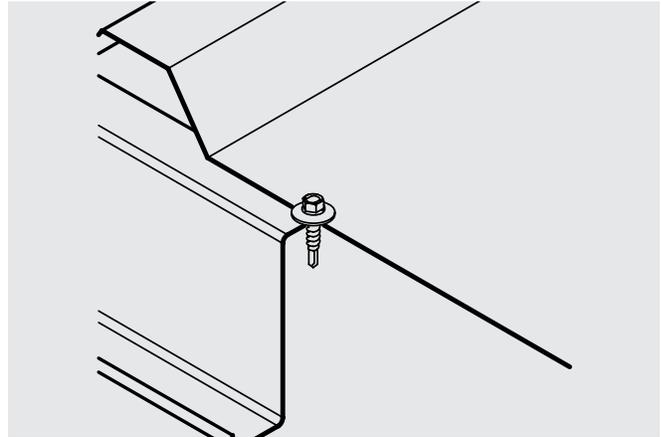


#1/4-20 Flex5 SD4

Selectively hardened with Grade 5 performance



Features and Benefits

- Made from alloy steel and finished with a selective hardness heat treatment process to give the load bearing part of the fastener Grade 5 specifications (RC 28-34), with a higher hardness for the drill point and lead-in threads (min. RC52).
- Increased fastener ductility helps prevent hydrogen embrittlement
- Designed to have low driving and thread engagement torque and provide maximum clamp load
- VistaCorr™ proprietary coating provides improved appearance, 1000 hour corrosion resistance, durability and installation performance

Application

- Heavy gauge metal connections
- Curtain wall
- Rainscreen and cladding
- Fenestration systems
- Solar panel systems connecting aluminum to steel
- Dissimilar metal applications when used with aluminum

Approvals

- Listed on Intertek CCRR-0347 report



Product Selection

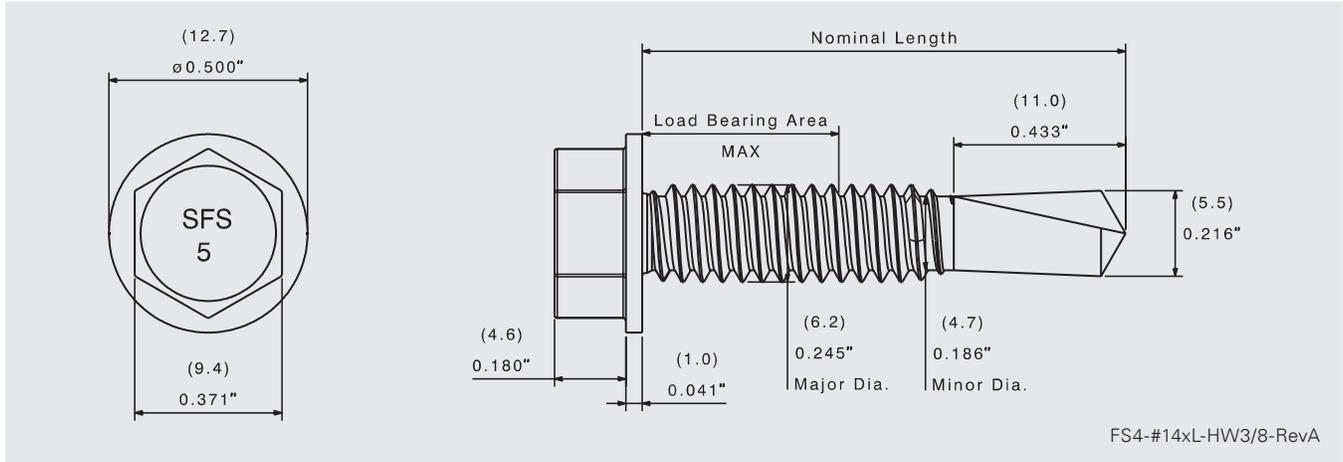
Material No.	Fastener Length		Load Bearing Area		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)			
1429740	1-1/8"	29	0.500"	12.7	FS4-#14x1-1/8-HW3/8-BQ	40	2,000
1429741	1-1/2"	38	0.835"	21.2	FS4-#14x1-1/2-HW3/8-BQ	46	2,000
1429742	2"	51	1.335"	33.9	FS4-#14x2-HW3/8-BQ	41	1,500
1429743	2-1/2"	64	1.830"	46.5	FS4-#14x2-1/2-HW3/8-BQ	19	1,000

Product bulk carton packed.



#1/4-20 Flex5 SD4

Selectively hardened with Grade 5 performance



Product Specifications

Diameter: 1/4" (6.2 mm)
 Threads Per Inch: 20
 Head Style: 3/8" dia. HWH AF (9.4 mm)
 Material: Selectively hardened alloy steel with Grade 5 performance

Drill Point: SD4
 Drill Capacity: 0.036"–0.313" (0.91 mm–7.95 mm)
 Thread Major Dia: 0.245" (6.2 mm)
 Thread Minor Dia: 0.186" (4.7 mm)

Performance Data^{1,2,3}

Ultimate Material Strength

Tensile	4443 lbf / 19763 N
Shear	2801 lbf / 12459 N
Torsional	156 lbf·in / 17.63 N·m

Ultimate Pull Out Strength Steel

16 Ga (1.5 mm)	514 lbf / 2286 N
12 Ga (2.7 mm)	1203 lbf / 5351 N
3/16" (4.8 mm)	3983 lbf / 17717 N
5/16" (7.9 mm)	Exceeds tensile

¹ CCRR-0347

² See CCRR-0347 for allowable loads

³ PLK 21317

Installation and Application Considerations

Tools: 0–2000 rpm screw gun equipped with depth sensing nose piece.

Fasteners should provide for a minimum of 3/16" penetration of fully developed threads into the metal substrate.

Use of impact guns or hammer drills is not recommended.