

1772 Rivscrew

Steel - Dome head

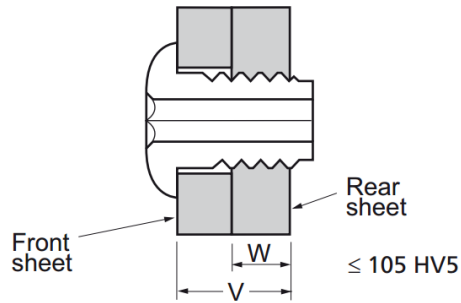
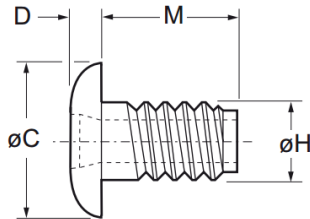
2.8 mm (.110") - 4.0 mm (5/32")

Features

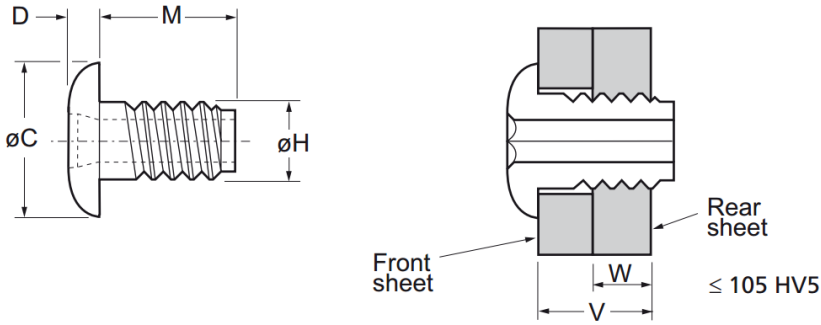
- Threaded, removable speed fasteners that combine the speed of rivet placement with the removability of a screw
- Expands radially during installation to form a thread in host material, eliminating the risk of over torquing and strip-out
- Placed using a hexagon mandrel which expands the threaded diameter radially, adjacent to its six corners
- Removable for servicing with a hex key and reusable
- Providing a higher vibration resistant "thread lock" in the parent material compared to standard screws
- Can be used to fasten most materials up to Vickers hardness 105 Hv5
- Eliminates the need for costly tapping or thread-forming operations
- Can be bowl fed for larger volume applications using automated equipment

Material

- Low carbon steel, zinc plated, clear trivalent passivated
(SABS 31110 Type 0, SAE 1008, DIN 1654 QSt 34-3)



Part No.	Size ø	øH	Front Sheet Hole Size		Rear Sheet Hole Size		øC	M	W	V	D	Fasteners per pod	Torque- to-turn	Hex Key Size	
			min.	max.	min.	max.									max.
01772-02806	2.8 (.110")	2.60	2.95	3.02	2.62	2.70	6.2	1.62	3.15	1.2	62	0.28	1.60 (1/16")		
01772-02807														4.2	4.17
01772-02809														6.2	5.18
01772-02810														7.2	6.17
01772-02812														7.3	6.17
01772-03006	3.0 (.118")	2.82	3.07	3.15	2.82	2.89	6.2	1.62	3.15	1.2	62	0.28	1.60 (1/16")		
01772-03007														4.2	4.17
01772-03009														5.2	4.17
01772-03010														6.2	5.18
01772-03011														7.2	6.17
01772-03012														7.3	6.17
01772-03016	8.9	7.87													
	9.8	8.79													
	12.7	11.61													



Part No.	Size ø	øH	Front Sheet Hole Size		Rear Sheet Hole Size		øC	M	W	V	D	Fasteners per pod ± 1	Torque-to-turn Nm	Hex Key Size -
			min.	max.	min.	max.								
01772-03506	3.5 (.138")	3.09	3.50	3.58	3.10	3.17	6.2	4.2	1.62	3.15	1.2	62	0.56	2.00 (5/64")
01772-03507								5.2		4.17		52		
01772-03509								6.2		5.18		43		
01772-03510								7.3		6.17		38		
01772-03511								8.9		7.87		34		
01772-03512								9.8		8.79		30		
01772-03517								12.7		11.99		21		
01772-04006								4.0 (5/32")		3.60		4.19		
01772-04007	5.2	3.85	52											
01772-04009	6.2	4.83	43											
01772-04010	7.3	5.82	38											
01772-04011	8.2	6.81	34											
01772-04012	9.2	7.80	30											
01772-04015	11.2	9.78	25											

Assembly Applications

- Aluminium die-cast boxes
- Cast magnesium
- Semi-conductors to thin wall and extruded heatsinks
- Semi-conductors to PCBs
- PCBs to chassis assemblies
- Fastening into injection moulded plastic bosses
- General engineering involving plastics, nylon, polycarbonate etc.

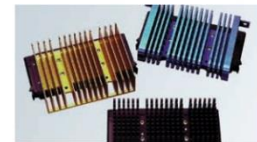
Rivscrew® is removable and reusable



Automotive die-cast chassis with PCB



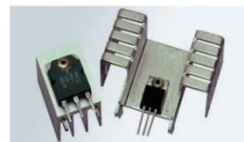
Heatsinks to processor cartridges



Alternator diode plate to nylon moulding



Semi-conductors to heatsinks and printed circuit boards



Seat belt tensioner

