

**Avdel: Avex Rivets**

## Avex



The Avex System is a versatile and cost-effective assembly method designed for use with a wide variety of materials which includes metals, plastics and wood.

Installed from one side of the workpiece the scope for applications is extensive and the range of Avex fasteners and installation equipment provides the means to achieve substantial cost savings and durable, high quality end products.

Avex is supplied as a single component fastener ready to use and is available in aluminium alloy and steel materials in a variety of lengths and diameters. To meet the many and varied demands of assembly within manufacturing industries, Avex is also available in a choice of head form:- raised, countersunk and large flange.

### MULTI-GRIP FACILITY

The most significant cost-effective feature of Avex is its wide grip range. This characteristic enables every Avex fastener to join materials of varying thicknesses.

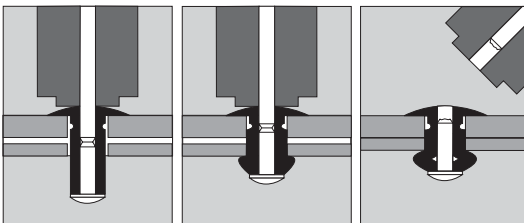
Several conventional rivets of different lengths would be required to achieve the same result. Subsequent benefits are:-

- **SUBSTANTIAL REDUCTION IN STOCK HOLDING.**
- **SIMPLIFIED RE-ORDERING PROCEDURES.**
- **REDUCED OPERATOR ERRORS AND IMPROVED EFFICIENCY.**

### HOLE FILL

Avex ensures complete hole fill even in over size, irregular or misaligned holes. The result is high clamp-up, positive stem retention and high strength reliable assemblies.

### PLACING SEQUENCE



## 1661 SERIES

RIVET-ALUMINIUM ALLOY  
STEM-CARBON STEEL, ZINC PLATED

SNAP HEAD	Part No.	'A'	'B'	'D'	'M'	Grip Range	Hole Dia.
	01661/0410	3.2	6.66	1.05	10.4	0.80-4.80	3.25-3.38
	01661/0414	3.2	6.66	1.05	13.6	4.00-7.90	3.25-3.38
	01661/0512	4.0	8.16	1.30	12.5	1.20-6.30	4.09-4.22
	01661/0516	4.0	8.16	1.30	15.6	4.00-9.50	4.09-4.22
	01661/0613	4.8	10.06	1.55	13.9	1.60-6.30	4.90-5.03
	01661/0619	4.8	10.06	1.55	18.7	4.80-11.1	4.90-5.03
	01661/0621	4.8	10.06	1.55	20.2	4.80-12.7	4.90-5.03
	01661/0631	4.8	10.06	1.55	28.2	4.80-19.8	4.90-5.03

## 1604 SERIES

RIVET-ALUMINIUM ALLOY  
STEM-CARBON STEEL, ZINC PLATED

C'SUNK HEAD	Part No.	'A'	'B'	'D'	'M'	Grip Range	Hole Dia.
	01604/0412	3.2	5.52	0.89	12.0	2.40-6.30	3.25-3.38
	01604/0514	4.0	6.53	0.94	14.0	2.80-7.90	4.09-4.22
	01604/0615	4.8	8.92	1.38	15.5	3.20-7.90	4.90-5.03
	01604/0621	4.8	8.92	1.38	18.0	6.30-12.7	4.90-5.03

## 1641 SERIES

RIVET-ALUMINIUM ALLOY  
STEM-CARBON STEEL, ZINC PLATED

LARGE FLANGE	Part No.	'A'	'B'	'D'	'M'	Grip Range	Hole Dia.
	01641/0613	4.8	16.13	1.88	13.56	1.60-6.40	4.90-5.05
	01641/0621	4.8	16.13	1.88	19.66	6.40-12.7	4.90-5.05
	01641/0631	4.8	16.13	1.88	27.58	12.7-19.8	4.90-5.05

## 1624 SERIES

RIVET-CARBON STEEL, ZINC PLATED  
STEM-CARBON STEEL, ZINC PLATED

SNAP HEAD	Part No.	'A'	'B'	'D'	'M'	Grip Range	Hole Dia.
	01624/0411	3.2	7.55	0.94	11.4	1.12-4.00	3.28-3.40
	01624/0514	4.0	8.44	1.32	13.6	1.40-5.00	4.10-4.22
	01624/0612	4.8	10.09	1.88	13.8	1.20-4.80	4.90-5.03
	01624/0616	4.8	10.09	1.88	16.2	4.00-6.30	4.90-5.03

All dimensions in mm and are nominal.  
Information above is issued as a guidance only.