

NeoSpeed[®] Wide Grip Range

Speed fasteners with a unique splined rivet design combine high clamp throughout a wide grip range - simply the strongest, most versatile speed riveting system in the world.



Key features and benefits

- The NeoSpeed fastening process delivers a throughput up to four times greater than traditional threaded or breakstem fasteners
- Multi-grip capability accommodates wide variations in material thickness
- One rivet can be used to replace several standard grip fasteners
- External splines fill rear sheet and oversize front sheet holes
- 3x greater hole size tolerance than standard breakstem rivets
- Far less sensitive to application variations
- Easier specification due to one-rivet x one mandrel solution
- Typically half the installed weight versus an equivalent breakstem rivet
- Supply options: paper magazine of fasteners or pre-loaded disposable mandrel (Cartridge)

Specifications

Sizes:

3.2 mm to 4.8 mm
(1/8" to 3/16")

Materials:

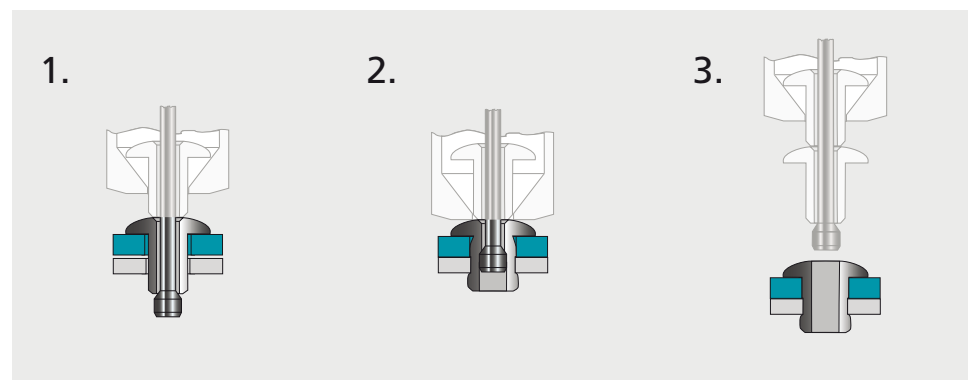
Aluminium Alloy, Steel,
Stainless Steel A4

Head Styles:

Mushroom , Countersunk

Avdel Patent protected.

Typical placing sequence



Please visit our website www.StanleyEngineeredFastening.com for fastener placing animations.

Assembly applications

- Automotive
- Electronics
- Domestic appliances
- Electrical equipment
- General light fabrication

Airbags



Interior



Seat & trim



Heating



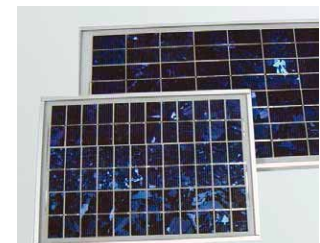
Rapid action door



Computer cabinet



Solar panel



Installation Systems

From cost-effective power tools to custom assembly systems, Speed Fastening® equipment offers rapid and reliable assembly to meet your specific requirements. The equipment is an integral part of the Speed Fastening System and offers the following benefits:

- High speed, reliable fastener feed
- Assembly cycle times within two seconds
- Single side assembly
- Simple operation
- Quick reload
- Low maintenance costs
- Ideal for low volume batch work through to fully automated assembly lines

Power Tools

For low volume production up to 500,000 fastener p.a.

Power tools



753 Standard tool



7537 Power tool



Workstations

For medium volume production from 250,000 up to 1,000,000 fastener p.a.

Workstations



7535 Pantograph workstation



Mini-MAS



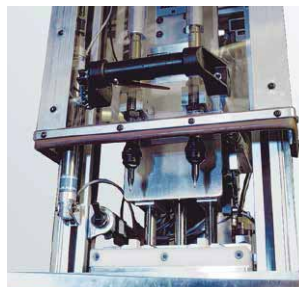
Assembly Workstations

For high volume production > 1,000,000 fastener p.a.

Bespoke systems



Twin head fixed pitch workstation



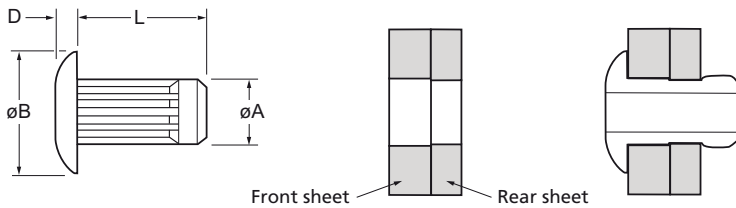
23 placing heads to assemble a computer chassis





English	Français	Deutsch	Italiano	Español
Mushroom head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
A4 Stainless Steel* Passivated	A4 Inox* Passivation	A4 Edelstahl* Passiviert	A4 Acciaio inox* Passivazione	A4 Acero inoxidable* Pasivado

*: EN 10263-5 / X3CrNiCuMo17-11-3-2 / Werkstoff 1.4578 / AISI 316Cu



ø	Front sheet		Rear sheet		øB	D	L	øA	kN ¹⁾	kN ¹⁾	Fasteners per pod Nombre de rivets par chargeur / Niete pro Magazin / Rivetti per caricatore / Uds./carga ± 1	Part No/ref		
	min.	max.	min.	max.									max.	max.
3.2 (1/8")	0.4	2.0	3.35	3.62	3.26	3.42	6.27	1.12	4.8	3.17	1.85	2.75	52	57141-03204
		4.5											37	57141-03207
		6.6											29	57141-03209
4.0 (5/32")	0.5	2.2	4.10	4.43	3.97	4.18	7.93	1.25	5.4	3.84	2.80	4.30	47	57141-04005
		5.0											33	57141-04007
		7.1											28	57141-04009
4.8 (3/16")	0.6	2.4	5.00	5.30	4.85	5.10	9.45	1.50	5.8	4.82	4.40	6.50	44	57141-04805
		5.2											30	57141-04808
		7.2											25	57141-04810

all dimensions in mm / en millimètres / alle Maße in mm / in millimetri / en milímetros

1) typical values / valeurs moyennes / typische Werte / Valori tipici / valores típicos