

Grovit[®] For Blind Hole Applications

Designed for blind hole applications in wood, plastics, fibre-glass and aluminium. Can also be used in harder substrates.



Key features and benefits

- Annular grooves on the body expand radially during installation
- Provide a vibration resistant joint and increased pull-out resistance

Specifications

Sizes:

2.4 mm to 4.8 mm
(3/32" to 3/16")

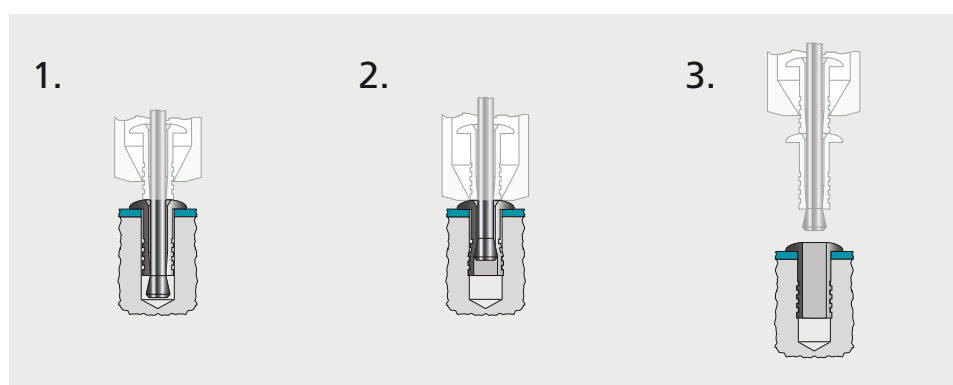
Materials:

Zinc plated Steel and
Aluminium Alloy

Head Style:

Dome, Countersunk

Typical placing sequence



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

Assembly applications

- Automotive
- Domestic appliances
- Electrical equipment
- Injection moulded components

Grovit[®] fastener in timber



Trouser press



Trouser press (detail)



PVC connector block in air conditioning unit



Grovit[®] fastener used as a quick connect low pressure bleed hose



PVC strip connector



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



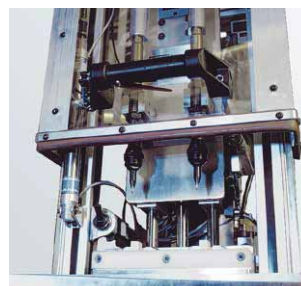
Assembly Workstations

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
Dome head	Tête plate	Flachrundkopf	Testa tonda	Cabeza alomada
Aluminium alloy* (2.5 % Mg)	Alliage d'aluminium* (2.5% Mg)	Aluminium* (2.5 % Mg)	Lega di alluminio* (2.5% Mg)	Aluminio* (2.5% Mg)
Natural	Brut	Blank	Nessuna finitura	Natural

*: AA 5052, DIN 1725 AlMg2.5 Werkstoff 3.3523

Optional on request / sur demande / auf Anfrage / su richiesta / bajo petición:

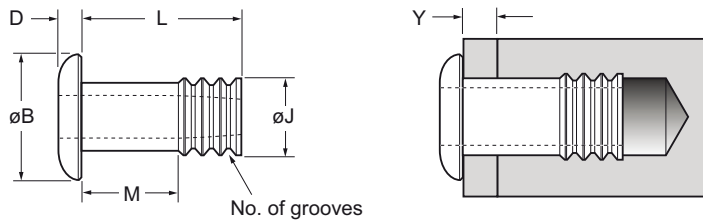
120° countersunk head: replace part no. 01103 with 01104. Details on request.

120° tête fraisée: remplacer la série 01103 par 01104. Détails sur demande.

120° Senkkopf: ersetzen Sie 01103 durch 01104. Details auf Anfrage.

120° testa svasata: sostituire 01103 con 01104. Dettagli su richiesta.

120° cabeza avellanada: cambiar 01103 por 01104. Más información bajo petición.



ø	Y	No. of grooves / cannelures/ Rillen / rigature / aros		øB	D	L	øJ	M	kN ¹⁾	Fasteners per pod Nombre de rivets par chargeur / Niete pro Magazin/ Rivetti per carica- tore / Uds./carga	Part No/ref	
		min.	max.									
nom.	max.	min.	max.	max.	max.	max.	max.	max.		± 1		
2.4 (3/32")	2.0	2.56	2.66	4.2	1.0	5.6	2.54	2.0	2	0.28	46	01103-00306
3.2 (1/8")	3.6	3.45	3.53	5.6	1.2	8.8	3.43	3.2	3	0.50	32	01103-00410
4.0 (5/32")	2.8	4.40	4.50	6.6	1.4	7.2	4.37	1.6	3	0.82	36	01103-00508
	5.2					11.9		4.8			4	22
4.8 (3/16")	3.2	5.08	5.18	9.0	1.7	8.0	5.05	2.4	3	1.16	31	01103-00609
	7.2					15.9		8.8			4	17

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