

## Fasteners for Simpson Strong-Tie® Powder-Actuated Tools (cont.)

These fasteners work with most other tools.

### PHSNA Collated drive pins



- Head: 8 mm
- Shank Diameter: 3.68 mm
- Tip: Ballistic point
- Collation: 10 pins per strip
- Region: **AU**

Length (mm)	Model No.	Box Qty	Ctn Qty	Compatible Tools
16	PHSNA-16K (Knurled)			
19	PHSNA-19			
19	PHSNA-19K (Knurled)			
22	PHSNA-22			
27	PHSNA-27			
32	PHSNA-32			
37	PHSNA-37	10	1000	Others
42	PHSNA-42			
47	PHSNA-47			
52	PHSNA-52			
57	PHSNA-57			
62	PHSNA-62			
72	PHSNA-72			

### PDPAS Collated drive pins



- Head: 7.6 mm
- Shank Diameter: 3.98 mm
- Tip: Ballistic point
- Collation: 10 pins per strip
- Region: **NZ**

Length (mm)	Model No.	Box Qty	Ctn Qty	Compatible Tools
19	PDPAS-75			
27	PDPAS-100			
32	PDPAS-125			
37	PDPAS-150			
47	PDPAS-187	10	1000	Others
52	PDPAS-200			
62	PDPAS-250			
72	PDPAS-287			

## PAT Application Guide

### General Notes

1. Average pin embedment into concrete is 19–32 mm.
2. To determine pin length for concrete: add fixture thickness and embedment depths.
3. To determine pin length for steel applications: add fixture thickness plus steel thickness plus 3 mm. Getting the point to pass through steel 3 mm maximises holding strength.
4. When selecting a load power level, it is recommended to make a test fastening with the lowest power level. If the powder load does not set the fastener, try the next highest load, and so on, until the fastener is properly set.

### Typical Applications

For fastening →	Level Key				
	2–Brown	3–Green	4–Yellow	5–Red	
Into ↓	Timber (45mm thick)	Timber (25mm thick)	Plywood (19mm thick)	Steel Fixtures/Conduit Clips (light steel)	Drywall Track
	Pin Length (mm)				
Concrete	72	52	42	27	19
Cement Block	72	52	42	27	27
Steel (5–6mm)	62	32 (washed)	32 (washed)	19	16 (knurled)
Steel (6–8mm)	62	42 (washed)	32 (washed)	19	16 (knurled)

1. To be used as a guide only—see General Notes
2. Recommended minimum embedment depth for maximum holding strength: Steel = 12 mm; Concrete/Cement Block = 25 mm