

Performance and Ordering Info

TOOL	PART NUMBER	PRODUCT DESCRIPTION	BOX QUANTITY
	T4IF-CT	T4 I-F Compact Tool	1

FASTENER SELECTION CHART	INSULATION THICKNESS	CONCRETE OR BLOCK PART NO.	STEEL OR WOOD PART NO.	BOX QUANTITY
	1"	T4IFC-100	T4IFS-100	500
	1-1/2"	T4IFC-112	T4IFS-112	500
	2"	T4IFC-200	T4IFS-200	500
	2-1/2"	T4IFC-212	T4IFS-212	500
	3"	T4IFC-300	T4IFS-300	500
	3-1/2"	T4IFC-312	T4IFS-312	500
	4"	T4IFC-400	T4IFS-400	500
	5"	T4IFC-500	T4IFS-500	500
6"	T4IFC-600	T4IFS-600	400	

Add this specification to the project...

The Ramset T3 InsulFast or Ramset T4 I-F System as manufactured by ITW Construction Products. Insulation washer cap: High density polyethylene (HDPE) 60 mm (2-3/8") diameter integrated cap with insulation engagement flanges and point designed to pierce rigid and semi-rigid insulation, engineered curved design limits insulation compression, for full thermal efficiency and aesthetics. Gas or powder fired direct fastener type. Colour code fasteners to suit substrate applications. White fasteners for concrete and CMU applications and black fasteners for steel stud, structural steel, and wood applications.

CONCRETE	PART NUMBER SERIES	SHANK DIAMETER (INCH)	CONCRETE STRENGTH (PSI)	ALLOWABLE/ULTIMATE TENSION LOADS (lbf)
	IFC	0.125	3600 -6500	35 - 211

HOLLOW CONCRETE BLOCK	PART NUMBER SERIES	SHANK DIAMETER (INCH)	ALLOWABLE/ULTIMATE TENSION LOADS (lbf)
	IFC	0.125	35 - 184

STEEL STUDS	PART NUMBER SERIES	SHANK DIAMETER (INCH)	INSTALLED IN COLD FORMED STEEL FRAMING (lbf)					
			22 Gage	20 Gage	18 Gage	16 Gage	14 Gage	12 Gage
IFS (Knurled)	0.100		20 - 120	33 - 200	46 - 280	60 - 360	62 - 371	75 - 448

WOOD	PART NUMBER SERIES	SHANK DIAMETER (INCH)	INSTALLED IN 15/32" (1/2" NOMINAL) 4 PLY PLYWOOD SHEATHING (lbf)
	IFS (Knurled)	0.100	16 - 93

		INSULATION THICKNESS					
		1 in	2 in	3 in	4 in	5 in	6 in
Reference	U – Factor (W/m2 °C)	1.1786	0.7122	0.5103	0.3976	0.3257	0.2758
	Efficiency (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Stick Pin	U – Factor (W/m2 °C)	1.2422	0.7706	0.5597	0.4397	0.3621	0.3078
	Efficiency (%)	94.88%	92.42%	91.17%	90.43%	89.94%	89.59%
Ramset I-F	U – Factor (W/m2 °C)	1.1845	0.7162	0.5132	0.3999	0.3276	0.2773
	Efficiency (%)	99.50%	99.45%	99.44%	99.43%	99.42%	99.42%



 **Tool Repair**
Please visit www.ramset.ca/approved-tool-service-centres/



Insulation Fastening System

NEW! T4 I-F COMPACT

Insulation Fastening Innovation In A Smaller, Lighter, More Powerful Design.



Feel the Difference

- Smaller/Lighter to Reduce Fatigue
- Increased Power for Improved Stick Rate
- 180° Rotating Scaffold/Belt Hook



120 Travail Road, Markham, Ontario
Phone: 800-387-6472 • www.ramset.ca

Evaluations:

ASTM E331 (Water Penetration)
ASTM E2178 (Air Leakage)
ASTM E84 (Surface Burning)

Fastener Specifications:

- Pin Material: Heat treated carbon steel
- Pin Finish: Mechanical Zinc Plated
- Washer Dia: 2-3/8"
- Pin Dia: Concrete 0.125" / Steel 0.100"
- 2-3/8" Holding Diameter
- The fastener assembly is clearly branded Ramset along with the length of the fastener assembly

Ramset T4 I-F COMPACT

Ramset T4 I-F Compact Insulation Fastening System...

- Installs in seconds**
- Up to 4x faster than stick pins
 - One-step installation
 - Eliminates all fastener-related pre/post work

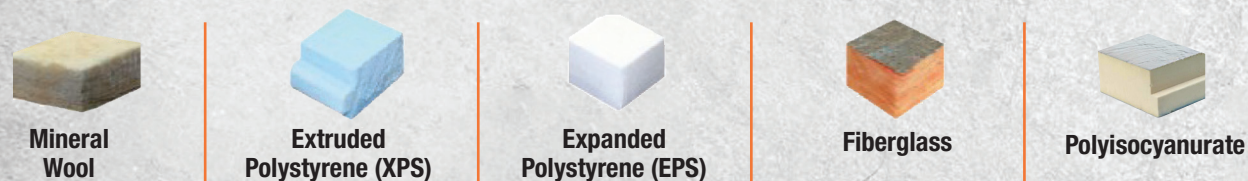
- Reduces injuries**
- Fewer hand injuries from sharp stick pins
 - Less recoil than powder tools
 - Lower torque than screw installations

- Meets rigorous industry standards**
- First to market and third-party-tested/approved
 - Recommended by multiple insulation manufacturers

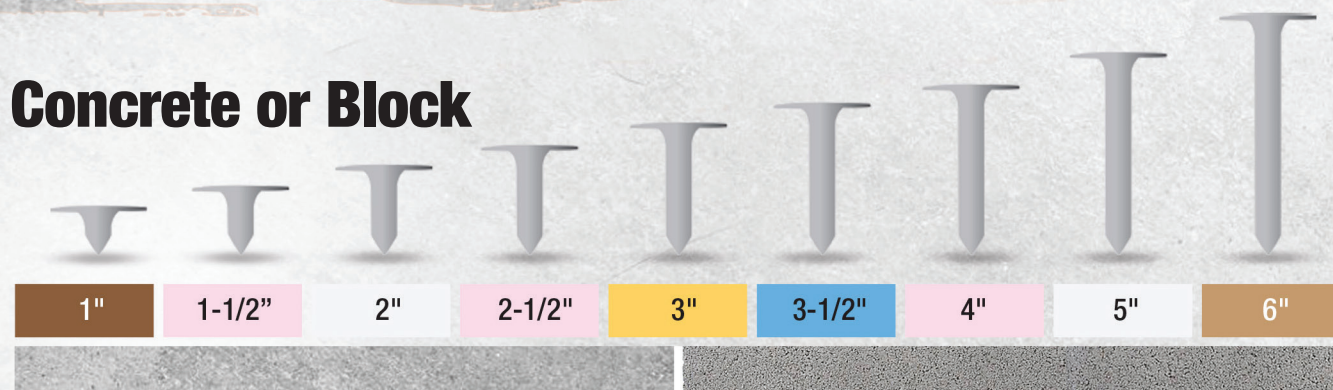
- Reduces thermal bridging**
- Integrated cap creates thermal break
 - Saves energy – reduces building heating and cooling costs
 - Up to 27x more efficient than other methods

- Performs in multiple environments**
- Works with insulation up to 6 inches thick
 - Attaches directly to concrete, block, steel stud, and wood
 - Works in all weather conditions

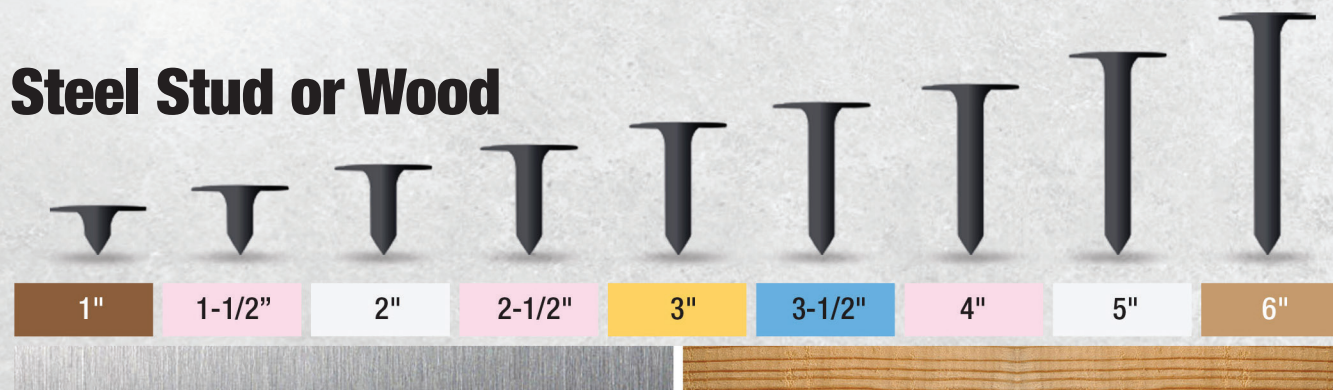
Ramset I-F will fasten into:



Concrete or Block



Steel Stud or Wood



Depth adjuster
Get optimal pin performance by adjusting the setting based on type of base material.

Auto shut-on/off
Won't drain the Li-Ion battery when not in use

Smaller and Lighter More Powerful

- Larger gauges for battery and gas
- Operating temperature: -15°C to 49°C
- Light-weight: only 7.6 lbs
- Battery capacity: up to 10,000 shots

Fuel and battery gauges
No interruptions in your day because you always know your tools status

Scaffold/belt hook
Rotating belt and scaffold hook

Fuel cell included in every box of fasteners
Never have to stop a job



Integrated Cap

Closed cap creates thermal break 99.5% thermally efficient when cap is closed

Washer Diam. 2-3/8"

Large bearing surface keeps insulation from sagging

