

Black Claw[™]

Spring Steel Fasteners

ELECTRICAL SYSTEMS SUBMITTAL

A Submittal Guide for Spring Steel Fastening Applications



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The American Recovery and Reinvestment Act of 2009 requires that all construction materials for federal, state and local stimulus projects must be manufactured in the United States.

Ramset is unique in the world of construction tools, fasteners and sealant manufacturing. Overall, 98% of Ramset fasteners and accessories are made in the USA.

Unlike our competitors you know you are buying American made products and supporting the American economy and workers when you buy Ramset. Ramset's parent company, Illinois Tool Works (NYSE: ITW) employees more than 25,000 Americans.



Manufacturer	Tools	Fasteners
Ramset Tools: TrakFast GypFast T3SS T3Mag Rocket Rocketmag D45A	Glendale Heights, IL Glendale Heights, IL Glendale Heights, IL Glendale Heights, IL Glendale Heights, IL Glendale Heights, IL Glendale Heights, IL	Paris, KY Itasca, IL Paris, KY Paris, KY Paris, KY Paris, KY Paris, KY
Hilti Powers Tyrex Simpson	Austria Japan/ China Taiwan China	Liechtenstein/ China China China China
Ramset Manufacturing: Powder Loads Manufacturing Gas Fuel Cells Production Sealant Manufacturing Spring Steel Manufacturing Wedge Anchors and LDT Anchors Manufacturing Tapcon Manufacturing EZ Anchor Manufacturing		St Louis, MO Pontotoc, MS Rockland, MA Addison, IL Michigan City, IN Itasca, IL Elk Grove Village, IL



To Whom It May Concern:

This letter is to certify that the following Minerallac and Ramset products are manufactured and/or assembled in the United States of America:

Manufactured in Addison, IL and South Holland, IL, and components assembled in Hampshire, IL:

- KC1234, KC1234T
- HIC50, HIC75
- FSBX, FS1, FS2 FS3, FS4, APS
- All BC series accessories
- All SFC series accessories
- 500 series
- FH series
- R18 and R516 series
- RF series
- PSF series
- SCT3
- TB and TS series
- TBAR
- FT
- BXC

The following Ramset spring steel products are manufactured in Franklin Park, IL:

- L1710
- L1801

The following Minerallac products are manufactured and assembled in the United States of America:

- 600 series
- A0600B, A1600B, A2600B
- PH series
- RA series
- SB series
- SS
- BMB series
- FBO series
- DLS1
- BBC
- 646 and 648 series
- WBF1
- J200

The following Ramset products are manufactured in Franklin Park, IL:

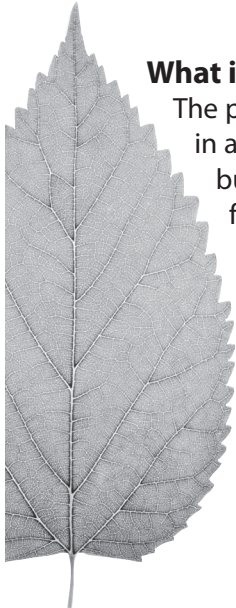
- 120CF

The following Minerallac products are assembled in the United States of America:

- 701, 702, 703 - Raw castings from Germany; tapping, plating & assembly occurs domestically.

For further information or any questions please contact Tom Colangelo at Ramset.

Tom Colangelo
Electrical Marketing Manager
630-694-4675



What is LEED

The purpose of Leadership in Energy and Environmental Design (LEED) is to construct buildings in an energy efficient manner and reduce the buildings' energy consumption. As a result, these buildings can help conserve non-renewable energy resources; decrease dependence on foreign oil; and lower greenhouse gas emissions.

Ramset LEED Credit EQ 4.1

EQ 4.1 was developed with the intent to reduce the quality of indoor air contaminants that are odorous, irritating, and/or harmful to the comfort and well being of installers and occupants.

Ramset's SC200 sound control sealant meets LEED EQ credit 4.1 for low emitting VOC materials and earns 1 LEED point.

Ramset LEED Credit MR 5.1

MR 5.1 was developed with the intent to increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impact resulting from transportation.

Ramset's pins, sealants, spring steel products, electrical accessories and anchors may meet the requirements for LEED MR 5.1 if your project falls within 500 miles of our manufacturing facilities.

How to calculate LEED MR 5.1

LEED MR Credit 5.1 is calculated on a 500 mile radius from/to distribution points. Use Google Maps to calculate the distance to your project from:

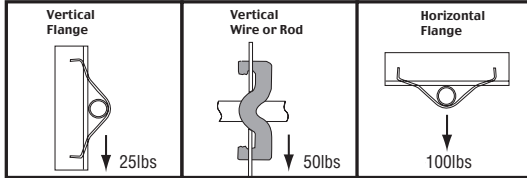
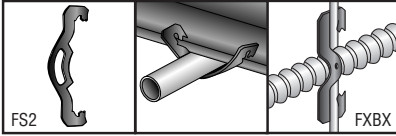


Location	Zip Code	Product
Addison, IL	60101	Spring Steel
Elk Grove Village, IL	60007	EZ Anchor
Itasca, IL	60143	Tapcon/GypFast & Fasteners
Michigan City, IN	46360	Wedge & LDT Anchors
Rockland, MA	02370	Sealant
Paris, KY	40361	Powder & Gas Fasteners

CONDUIT/CABLE SUPPORT

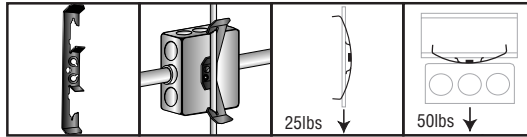
- Supports conduit and all types of cable from rods or flanges

- Note: FSBX bat wings are designed for positioning only; no load rating



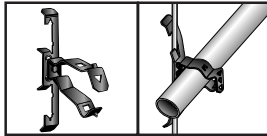
Ramset #	Description	Pkg Qty
FSBX	bat wing support clip MC, AC OR BX and #12 to #8 wire	100
FS1	1/2" bat wing (UL)	100
FS2	3/4" bat wing (UL)	100
FS3	1" bat wing	100
FS4	1 1/4" bat wing	100

- Attaches conduit or boxes to flanges, wire or rod
- Fits 1/8" to 3/8" flanges; attaches to #12 wire through 3/8" rod; attaches #10-24 or 1/4"-20 Threaded Bridle Rings (position only)



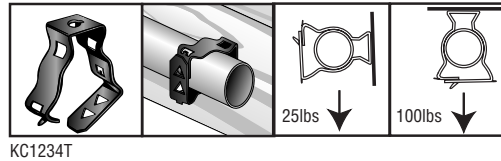
Ramset #	Description	Pkg Qty
APS	fits 1/8" to 3/8" flanges threaded for 1/4"-20 (UL)	100

- Attaches conduit to flanges, wire or rod



Ramset #	Description	Pkg Qty
APSKC1234	latching conduit clamp 1/2"-3/4"	100

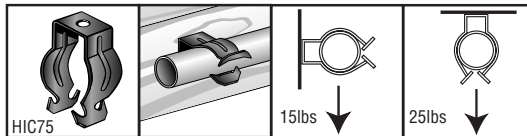
- Available both non-keyholed and keyholed for 1/4"-20 screw
- Ultimate static load limit: 100lbs vertical; 25lbs horizontal
- No fastener required



Ramset #	Description	Pkg Qty
KC38	3/8" conduit clamp with thread impression for 1/4"-20 stud (UL)	100
KC1234	1/2" and 3/4" conduit clamp (UL)	100
KC1234T	1/2" and 3/4" conduit clamp with thread impression for 1/4"-20 stud (UL)	100

Holding values are for accessories and do not include anchoring method.

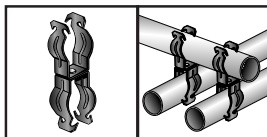
- Available both non-keyholed and keyholed for 1/4"-20 screw
- Ultimate static load limit: 25lbs vertical; 15lbs horizontal



Ramset #	Description	Pkg Qty
HIC50	1/2" snap into place EMT	100
HIC75	3/4" snap into place EMT	100

Holding values are for accessories and do not include anchoring method.

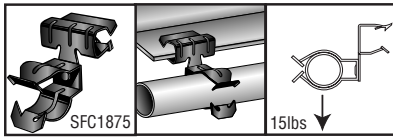
- No fastener required
- Designed to quickly secure one conduit run to another
- Ultimate Static Load Limit: 25lbs
- NOTE: Top conduit to be used for support only, not a raceway



Ramset #	Description	Pkg Qty
HIC7575	3/4" to 3/4" conduit	100

CONDUIT/CABLE

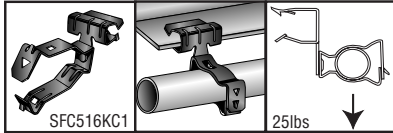
- Suspends conduit from bottom of beam
- Will pivot 360 degrees
- Installs with hammer only



Side Mount Flange Push Clip

Ramset #	Description	Static Load	Pkg Qty
SFC1875	3/4" conduit side mount for 1/8" to 1/4" flange	15lbs	100
SFC18100	1" conduit side mount for 1/8" to 1/4" flange	15lbs	100

- Suspends conduit from side of beam
- Will pivot 360 degrees
- Installs with hammer only

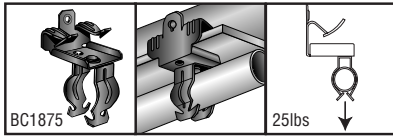


Side Mount Flange Latch Clip

Ramset #	Description	Static Load	Pkg Qty
SFC18KC1234	1/2" to 3/4" conduit side mount for 1/8" to 1/4" flange (UL)	25lbs	100
SFC18KC1	1" conduit side mount for 1/8" to 1/4" flange (UL)	25lbs	100
SFC18KC114	1 1/4" conduit side mount for 1/8" to 1/4" flange (UL)	25lbs	100
SFC18KC2	2" conduit side mount for 1/8" to 1/4" flange (UL)	25lbs	100
SFC516KC1234	1/2" to 3/4" conduit side mount for 5/16" to 1/2" flange (UL)	25lbs	100
SFC516KC1	1" conduit side mount for 5/16" to 1/2" flange (UL)	25lbs	100
SFC516KC114	1 1/4" conduit side mount for 5/16" to 1/2" flange (UL)	25lbs	100
SFC516KC112	1 1/2" conduit side mount for 5/16" to 1/2" flange (UL)	25lbs	100
SFC916KC38	3/8" conduit side mount for 9/16" to 3/4" flange (UL)	25lbs	100
SFC916KC1234	1/2" to 3/4" conduit side mount for 9/16" to 3/4" flange (UL)	25lbs	100
SFC916KC1	1" conduit side mount for 9/16" to 3/4" flange (UL)	25lbs	100

Holding values are for accessories and do not include anchoring method.

- Suspends conduit from bottom of beam
- Will pivot 360 degrees
- Installs with hammer only

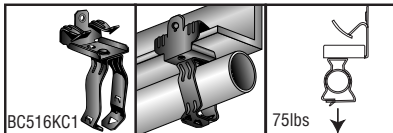


Bottom Flange Push Clip

Ramset #	Description	Static Load	Pkg Qty
BC1850	1/2" conduit bottom mount for 1/8" to 1/4" flange	25lbs	100
BC1875	3/4" conduit bottom mount for 1/8" to 1/4" flange	25lbs	100

Holding values are for accessories and do not include anchoring method.

- Suspends conduit from bottom of beam
- Will pivot 360 degrees
- Installs with hammer only

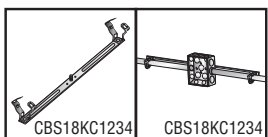


Bottom Flange Latch Clip

Ramset #	Description	Static Load	Pkg Qty
BC18KC38	3/8" conduit bottom mount for 1/8" to 1/4" flange (UL)	75lbs	100
BC18KC1234	1/2" to 3/4" conduit bottom mount for 1/8" to 1/4" flange (UL)	75lbs	100
BC18KC1	1" conduit bottom mount for 1/8" to 1/4" flange (UL)	75lbs	100
BC18KC114	1 1/4" conduit bottom mount for 1/8" to 1/4" flange (UL)	75lbs	100
BC516KC38	3/8" conduit bottom mount for 5/16" to 1/2" flange (UL)	75lbs	100
BC516KC1234	1/2" to 3/4" conduit bottom mount for 5/16" to 1/2" flange (UL)	75lbs	100
BC516KC1	1" conduit bottom mount for 5/16" to 1/2" flange (UL)	75lbs	100
BC516KC114	1 1/4" conduit bottom mount for 5/16" to 1/2" flange (UL)	75lbs	100
BC516KC112	1 1/2" conduit bottom mount for 5/16" to 1/2" flange (UL)	75lbs	100
BC516KC2	2" conduit bottom mount for 5/16" to 1/2" flange (UL)	75lbs	100
BC916KC38	3/8" conduit bottom mount for 9/16" to 3/4" flange (UL)	75lbs	100
BC916KC1234	1/2" to 3/4" conduit bottom mount for 9/16" to 3/4" flange (UL)	75lbs	100

Holding values are for accessories and do not include anchoring method.

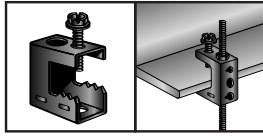
- Secures conduit and electrical boxes to most structures
- Provides conduit support on both sides of electrical box
- With hole for screw or threaded rod mount or with 1/4"-20 x 5/8" stud



Ramset #	Description	Pkg Qty
CBS18KC1234	conduit box support for 1/2"-3/4" conduit, has "star" hole for 1/4"-20	25
CBS18KC1234ST	conduit box support for 1/2"-3/4" conduit with 1/4"-20 stud	25
CBS18KC38	conduit box support for 3/8" conduit with 1/4"-20 stud	25

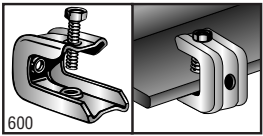
BEAM/PURLIN

- Fast installation; fits beam flange to 1/2"
- Used with 1/4" and 3/8" threaded rod, "S" hooks, conduit hangers, electrical boxes, and #10-24 or 1/4"-20 bridle rings
- Static load capacity: 100lbs



Ramset #	Description	Pkg Qty
500	beam clamp up to 1/2" flange – 1/4" to 3/8" threaded rod	100

- Used with conduit hangers #0 to #5, bridle rings and threaded rod
- Case hardened steel set screw tapped at an angle, locks on beam
- Zinc plated steel or stainless steel



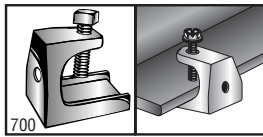
Ramset #	Description	Pkg Qty
600	1/2" universal beam clamp 1/4"-20	50
602	3/4" universal beam clamp – 3/8" bottom only	25
602B	3/4" universal beam clamp 3/8"-16 flange; 3/8" rod	25

Load Ratings for Minerallac 600 & 60010 (Bottom Hole Only)

Part No.	Static Load Limit*	Part No.	Static Load Limit*
600	75 lbs.	602	200 lbs.
60010	75 lbs.	602B	200 lbs.

Load Ratings for Minerallac 602 & 602B (Bottom Hole Only)

- Used with conduit hangers, bridle rings and drop rods, 3/8" to 1/2"
- Tapped for rods bottom and back on all sizes
- Malleable zinc plated steel



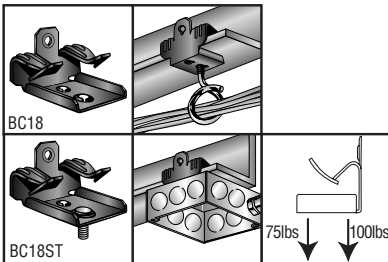
Ramset #	Description	Pkg Qty
700	1/2" flange malleable beam clamp for 1/4"-20; tapped bottom and back	50
701	3/4" flange malleable beam clamp for 5/16"-18	25
702	3/4" flange malleable beam clamp for 3/8"-16	25
703	7/8" flange malleable beam clamp for 1/2"-13	25

Load Ratings for Minerallac 700 Series (Bottom Hole Only)

Part No.	Static Load Limit*
700	275 lbs.
70010	275 lbs.
701	525 lbs.
702	750 lbs.
703	900 lbs.

*Static Load Limit - is a rated stationary load limit. Minerallac's standards require a test load equal to three times this load rating (Safety Factor of three).

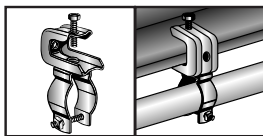
- Can be used to suspend boxes, fixtures and bridle rings to beam flanges 1/8" to 3/4" thick
- Beam clamp with 1.4"-20 x 3/8" staked stud used to suspend box from bottom of beam
- Ultimate static load limit: 75lbs or 100lbs
- Note: static load limits cannot be combined



Ramset #	Description	Pkg Qty
BC18	1/8" to 1/4" flange beam clamp with 1/4"-20 thread (UL)	100
BC18ST	1/8" to 1/4" flange with 1/4"-20 x 3/8" staked stud (UL)	100
BC516	5/16" to 1/2" flange beam clamp with 1/4"-20 thread (UL)	100
BC516ST	5/16" to 1/2" flange with 1/4" to 20 x 3/8" staked stud (UL)	100
BC916	9/16" to 3/4" flange beam clamp with 1/4"-20 thread (UL)	100

Holding values are for accessories and do not include anchoring method.

- Offered with or without nut and bolt attached
- Zinc plated steel

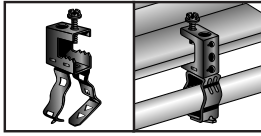


Ramset #	Description	Pkg Qty
A0600B	1/2" EMT, 3/8" to 1/2" Rigid, beam clamp to conduit hanger	100
A1600B	3/4" EMT, 3/4" Rigid, beam clamp to conduit hanger	100
A2600B	1" EMT, 1" Rigid, beam clamp to conduit hanger	100

A0600B

BEAM/PURLIN

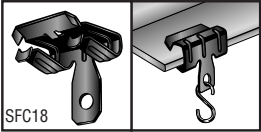
- Static load capacity: 100lbs vertical, 25lbs horizontal



500KC1234

Ramset #	Description	Pkg Qty
500KC1234	1/2" and 3/4" beam clamp to conduit – vertical	100
500KC1234B	1/2" and 3/4" beam clamp to conduit – horizontal	100

- Installed with hammer on bulb tees and beams with static load capacity of 200lbs

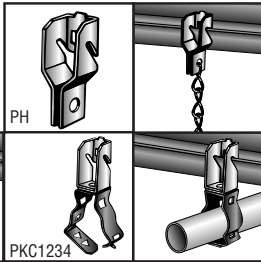


SFC18

- Clearance for 1/4" bolt in tab

Ramset #	Description	Pkg Qty
SFC18	1/8" to 1/4" flange beam clamp	100
SFC516	5/16" to 1/2" flange beam clamp	100
SFC916	9/16" to 3/4" flange beam clamp	100

- Installed without power tools
- Compensates for angle of purlin
- Static load capacity: 100lbs



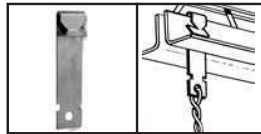
PH

PH14T

PKC1234

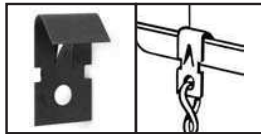
Ramset #	Description	Pkg Qty
PH	Z-Purlin with 1/4" bottom hole	100
PH14T	Z-Purlin for 1/4" threaded rod	100
PH38T	Z-Purlin for 3/8" threaded rod	100
PKC1234	1/2" or 3/4" conduit to Z-Purlin	100

- Fits 1/16" to 1/4" vertical flanges
- Accommodates tooling for floor installations



Ramset #	Description	Pkg Qty
L1701 (J-Clip)	1/16" to 1/4" for vertical flange	100

- Fast easy attachment of pre-tied hanger wire from Z-Purlins
- Fits 1/16" to 1/4" thick Z-Purlin
- 217lbs allowable working load



Ramset #	Description	Pkg Qty
L1801 (Clip-Pur)	1/16" to 1/4" angled Z-Purlin	300

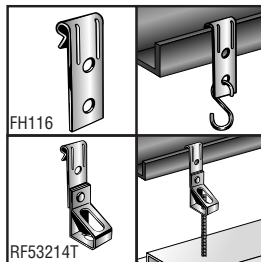
- Works with L1701 and L1801
- For strong, reliable attachment of hanger wire from open web bar joists or purlins



- Threads easily into any 1/2" threaded pipe—no hammering, punching holes or wrapping wire
- Two magnetized strips included
- Fast, easy installation from floor level, no ladders or scaffolding necessary

Ramset #	Description	Box Qty
L-1700	J-Master installation tool	1

- Suspends #12, #10, #9 or #8 wire, 1/4" or 3/8" plain or threaded rod from vertical flanges (FH)
- Suspends 1/4" or 3/8" threaded rod from vertical flanges 1/16" to 1/4" thick (RF)
- Static load capacity: 160lbs (RF)



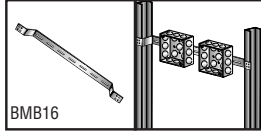
FH116

RF53214T

Ramset #	Description	Pkg Qty
FH116	1/16" to 5/16" vertical flange	100
FH532	5/32" to 1/4" vertical flange	100
RF53214T	5/32" to 1/4" vertical flange for #8 wire or 1/4" threaded rod	100
RF53238T	5/32" to 1/4" vertical flange for 3/8" threaded rod	100

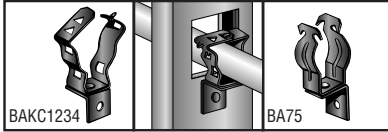
METAL STUD SUPPORT

- Supports electrical boxes located between studs on 16" or 24" centers; boxes attach using self-tapping screws
- Made from pre-galvanized steel



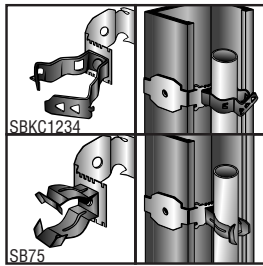
Ramset #	Description	Pkg Qty
BMB16	1 1/2" box mounting bracket – 16" centers	50
BMB16D	2 1/2" box mounting bracket – 16" centers	50
BMB24	1 1/2" box mounting bracket – 24" centers	50
BMB24D	2 1/2" box mounting bracket – 24" centers	50

- Designed to secure horizontal runs of Rigid, IMT, AC, MC, BX, or PVC through metal studs



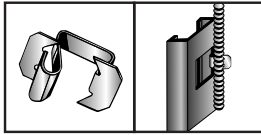
Ramset #	Description	Pkg Qty
BAKC1234	1/2", 3/4" latching conduit support thru metal studs	100
BA75	1/2", 3/4" push conduit support thru metal studs	100

- Conduit to stud fastener
- Designed to quickly secure horizontal runs of Rigid, EMT, AC, MC, BX, or PVC to metal studs



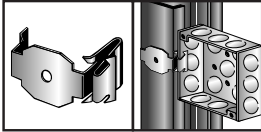
Ramset #	Description	Pkg Qty
SBKC1234	1/2" or 3/4" conduit to metal stud	100
SBK1	1" conduit to metal stud	100
SB75	3/4" conduit, 1/2" rigid to metal stud	100
SB100	1" conduit, 3/4" rigid to metal stud	100

- Flexible conduit/cable fastener
- Push clip attaches BX, MC or AC cable to metal studs



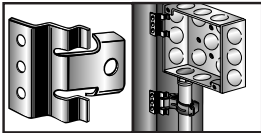
Ramset #	Description	Pkg Qty
BXC	MC, AC, or BX to metal stud	100

- Installed using a hammer only
- Secures boxes to most metal studs



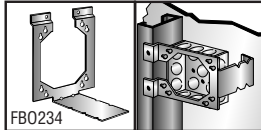
Ramset #	Description	Pkg Qty
S1900	hammer-on electrical box support to stud	100

- Screw attached support for box and conduit
- For use with either metal or wood studs



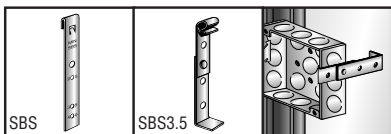
Ramset #	Description	Pkg Qty
SS	4" box stud support clip used with self-tapping screws	100

- Screw attached support for electrical boxes
- Made from pre-galvanized steel



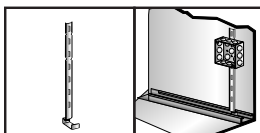
Ramset #	Description	Pkg Qty
FB023	box support for 2 1/2" and 3 1/2" studs	100
FB0234	box support for 4" studs	100
FB06	box support for 6" studs	100

- Clips on electrical boxes for additional support



Ramset #	Description	Pkg Qty
SBS	2 1/2" to 4" box support premarked: bendable	100
SBS3.5	3 1/2" far side box support	100
SBS6	6" far side box support	100

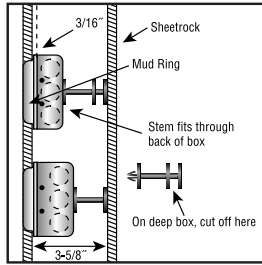
- Bracket supports electrical boxes from floor or channels
- Can be used at three heights
- Made from pre-galvanized steel



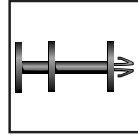
Ramset #	Description	Pkg Qty
BS18	floor mounted - box support	50

METAL STUD SUPPORT

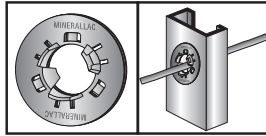
- No tools required
- Mounts quickly in the back of the box—just push in and snap tight
- Designed for 3 5/8" steel studs
- May be used on standard 1 1/2" or 2 1/8" deep boxes



Ramset #	Description	Pkg Qty
DLS1	push-in far side box support – for various stud wall depths	100

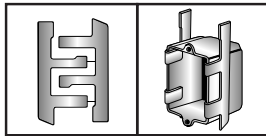


- Protects wires from damage by metal studs
- All pieces are the same shape, eliminating the hassle of stocking right and left grommet parts
- Easy to install. No tools required
- Complies with 2002 NEC Article 300.4(1)



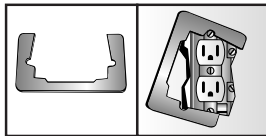
Ramset #	Description	Pkg Qty
G100	grommets for metal studs	100 pr

- Quick installation
- One-piece break-away design
- Box is supported by drywall—no stud is necessary
- Prevents box from pulling out of drywall
- Made from pre-galvanized steel



Ramset #	Description	Pkg Qty
BST	secures electrical box to finished drywall	100 sets

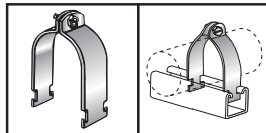
- Mounts standard outlets and wall switches in oversize openings, lending stability and preventing broken cover plates
- Made from pre-galvanized steel



Ramset #	Description	Pkg Qty
OR	mounts standard outlets in oversize openings	100

STRUT CLAMPS

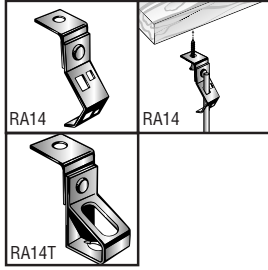
- Universal pipe clamp
- Same pipe fits EMT, GRC/IMC & standard piping
- Parts are made on punch press dies from hot rolled, pickled and oiled steel which conforms to the ASTM-A-366, A-575 and A-576 standards
- Parts are zinc plated after fabrication
- Zinc plated nut and bolt included with each part



Ramset #	Description	Pkg Qty
MSU050EG	1/2" universal pipe clamp	100
MSU075EG	3/4" universal pipe clamp	100
MSU100EG	1" universal pipe clamp	100
MSU125EG	1 1/4" universal pipe clamp	100
MSU150EG	1 1/2" universal pipe clamp	50
MSU200EG	2" universal pipe clamp	50
MSU250EG	2 1/2" universal pipe clamp	50
MSU300EG	3" universal pipe clamp	50
MSU350EG	3 1/2" universal pipe clamp	25
MSU400EG	4" universal pipe clamp	25

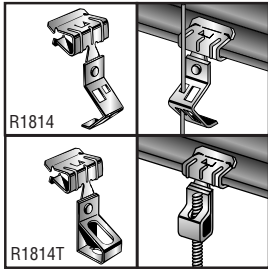
ROD HANGERS

- Suspends #8 wire, 1/4" and 3/8" plain or threaded rod from overhead mountings with a clearance hole for 1/4" bolt
- Static load capacity: not to exceed 160lbs
- Hangers made from high carbon steel; zinc phosphate and oil finish; angle bracket made from pre-galvanized steel



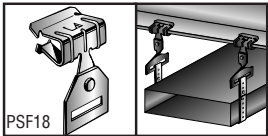
Ramset #	Description	Pkg Qty
RO14	#8 wire or 1/4" plain rod – side mount	100
RA38	3/8" plain rod	100
RA14	#8 wire or 1/4" plain rod – bottom mount	100
RA38T	3/8" threaded rod with thread impression – bottom mount	100
RA14T	1/4" threaded rod with thread impression – bottom mount	100

- Suspends #8 wire (RA14 only), 1/4" and 3/8" plain rod from overhead mountings with a clearance hole for 1/4" bolt
- Static load capacity: not to exceed 160lbs
- Static Load Capacity for R51614 & R91614 not to exceed 200lbs
- No nut required



Ramset #	Description	Pkg Qty
R1814	1/8" to 1/4" flange for #8 wire or 1/4" plain rod	100
R51614	5/16" to 1/2" flange for 1/4" plain rod	100
R91614	9/16" to 3/4" flange for 1/4" plain rod	100
R1814T	1/8" to 1/4" flange for 1/4" threaded rod	100
R1838T	1/8" to 1/4" flange for 3/8" threaded rod	100
R51614T	5/16" to 1/2" flange for 1/4" threaded rod	100
R51638T	5/16" to 1/2" flange for 3/8" threaded rod	100

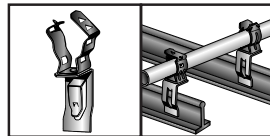
- Suspends strapping thru 1" wide from beam flanges 1/8" to 3/4" thick, parallel or at right angles to beam
- Static load capacity: 200lbs



Ramset #	Description	Pkg Qty
PSF18	1/8" to 1/4" strap hanger (UL)	100
PSF516	5/16" to 1/2" strap hanger (UL)	100
PSF916	9/16" to 3/4" strap hanger (UL)	100
PSF18R	1/8" to 1/4" twisted strap hanger (UL)	100
PSF516R	5/16" to 1/2" twisted strap hanger (UL)	100
PSF916R	9/16" to 3/4" twisted strap hanger (UL)	100

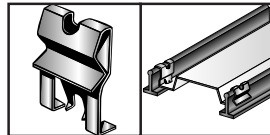
ACOUSTICAL

- Top mounted acoustical T-bar fastener
- Riveted assembly fits 3/8" to 1" conduit
- Supports boxes and conduit above T-bar



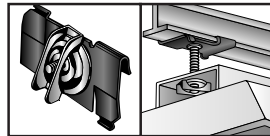
Ramset #	Description	Pkg Qty
TBK1234	1/2", 3/4" T-bar fastener conduit clamp – top	100

- Clip-on positive support for troffers and lay-in fixtures
- Complies with NEC Article 410-16 means of support
- Fits round or rectangular head T-bars



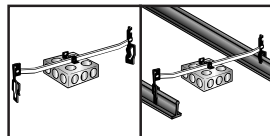
Ramset #	Description	Pkg Qty
FT	lay in and troffer light fixture support clips for acoustical support (UL)	100

- Supports electrical fixtures to T-bar 15/16" wide
- Assembled with 1" OD wing nut washer
- 1/4"-20 stud 5/8" long



Ramset #	Description	Pkg Qty
SCT3	twist-on T-Bar hanger with 1/4"-20 x 5/8" stud with washer (UL)	100

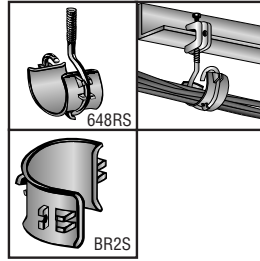
- Box to T-Bar fastener
- Snap-on 24" span box hanger with dual height adjustment allows flush or 3/4" offset mount
- Zinc plated steel with Black Claw™ spring steel hardware included
- Works with BBC



Ramset #	Description	Pkg Qty
TBAR	box to T-Bar snap-on fixture with 24" span (UL)	50

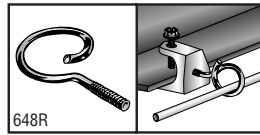
LOW-VOLTAGE

- Cost effective alternative to cable tray
- Wide surface saddle provides support without stress for category 5, fiber-optic, and other sensitive voice/datacom cables
- Available as assembled units or saddle only for retrofit
- Saddle molded onto 4" bridle ring



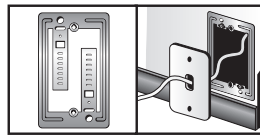
Ramset #	Description	Pkg Qty
646RS	1 1/2" bridle ring with 1/4"-20 thread with saddle (UL)	50
648RS	2" bridle ring with 1/4"-20 thread with saddle (UL)	50
654RS	4" bridle ring with 1/4"-20 thread with saddle (UL)	50
BR2S	2" snap-on plastic saddle for 2" bridle ring (UL)	100

- Supports communications cable and other low voltage uses
- Used with beam clamps
- Zinc plated steel



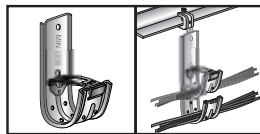
Ramset #	Description	Pkg Qty
646R	1 1/2" bridle ring with 1/4"-20 thread (UL)	100
648R	2" bridle ring with 1/4"-20 thread (UL)	100

- Provides base for securing communications lines without use of electrical box
- Mounts standard plate
- Hardware included
- Made from pre-galvanized steel



Ramset #	Description	Pkg Qty
WBF1	low voltage mounting bracket	100

- Holds up to 80 category 5E and 50 category 6 strands
- Cost effective alternative to expensive cable tray
- Accommodates category 5, fiber-optic and interduct
- Provides support without stress to sensitive voice/data cables
- Continuous wide-base radius supports natural curve of cable, eliminating kinking and bending
- Cable wire retainer is supplied with every part
- Unique design eliminates the need for attachment plate when stacking

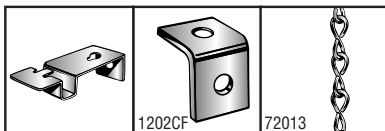


Ramset #	Description	Pkg Qty
J200	2" J-Hook	50

The versatile J-Hook System can come pre-assembled with Beam Clamps, Bat Wings, Hammer-On Flange and Purlin Clips.

HARDWARE ACCESSORIES

- Box to bar fastener (BBC)
- T-Bar mounting and retaining clips (BBC)
- Zinc plated steel (BA)



Ramset #	Description	Pkg Qty
BBC	T-bar box mounting clip with screw (UL)	100
1202CF	angle bracket 1/4" mounting hole	100
72013	#12 Jack Chain – per 100'	1