

Blu-Mol® Bi-Metal Hole Saws

Features:

- Bi-Metal construction
- M-3 High Speed Steel cutting edge
- 4/6 variable tooth
- 3/16" thick heavy duty backing plate
- 1-1/8" cutting depth

Benefits:

- Sharper, longer lasting teeth
- Faster cutting
- Smoother cuts
- Eliminates need for drive plate

Advantages:

- Shock resistant teeth
- Resists tooth strippage
- Less vibration
- Heavy duty backing plate eliminates drive hole elongation

Applications:

- Holes for pipe and tubing installations, door lock installations, electrical conduit, hoses and antennas
- Ideal for plumbing, construction, aircraft, electrical, maintenance and automotive applications
- Use in stainless steel, aluminum, brass, cast iron, plastic or wood



Mandrels must be ordered separately. See page 11 for ordering information.

Packaged 1 per box.

Blu-Mol® Bi-Metal Hole Saws

| Product No. | EDP No. | Diameter | | Pipe Tap | | Pipe Entrance | |
|-------------|----------|----------|-----|----------|-----|---------------|-----|
| | | Inches | MM | Inches | MM | Inches | MM |
| 509 | E0200100 | 9/16 | 14 | - | - | - | - |
| 510 | E0200101 | 5/8 | 16 | - | - | - | - |
| 511 | E0200102 | 11/16 | 17 | - | - | - | - |
| 512 | E0200103 | 3/4 | 19 | 1/2 | 13 | 3/8 | 10 |
| M513 | E0200150 | - | 20 | - | - | - | - |
| 513 | E0200104 | 13/16 | 21 | - | - | - | - |
| 514 | E0200105 | 7/8 | 22 | 3/4 | 19 | 1/2 | 13 |
| 515 | E0200106 | 15/16 | 24 | - | - | - | - |
| 516 | E0200107 | 1 | 25 | - | - | - | - |
| 517 | E0200108 | 1-1/16 | 27 | - | - | - | - |
| 518 | E0200109 | 1-1/8 | 29 | 1 | 25 | 3/4 | 19 |
| 519 | E0200110 | 1-3/16 | 30 | - | - | - | - |
| 520 | E0200111 | 1-1/4 | 32 | - | - | - | - |
| 521 | E0200112 | 1-5/16 | 33 | - | - | - | - |
| 522 | E0200113 | 1-3/8 | 35 | - | - | 1 | 25 |
| 523 | E0200114 | 1-7/16 | 37 | - | - | - | - |
| 524 | E0200115 | 1-1/2 | 38 | 1-1/4 | 32 | - | - |
| 525 | E0200116 | 1-9/16 | 40 | - | - | - | - |
| 526 | E0200117 | 1-5/8 | 41 | - | - | - | - |
| 527 | E0200118 | 1-11/16 | 43 | - | - | - | - |
| 528 | E0200119 | 1-3/4 | 44 | 1-1/2 | 38 | 1-1/4 | 32 |
| M528 | E0213720 | - | 45 | - | - | - | - |
| 529 | E0200120 | 1-13/16 | 46 | - | - | - | - |
| 530 | E0200121 | 1-7/8 | 48 | - | - | - | - |
| 532 | E0200122 | 2 | 51 | - | - | 1-1/2 | 38 |
| M532 | E0213721 | - | 50 | - | - | - | - |
| 533 | E0200123 | 2-1/16 | 52 | - | - | - | - |
| 534 | E0200124 | 2-1/8 | 54 | - | - | - | - |
| M534 | E0213722 | - | 55 | - | - | - | - |
| 536 | E0200125 | 2-1/4 | 57 | 2 | 51 | - | - |
| 537 | E0200126 | 2-5/16 | 59 | - | - | - | - |
| 538 | E0200127 | 2-3/8 | 60 | - | - | - | - |
| 540 | E0200128 | 2-1/2 | 64 | - | - | 2 | 51 |
| 541 | E0200151 | 2-9/16 | 65 | - | - | - | - |
| 542 | E0200129 | 2-5/8 | 67 | 2-1/2 | 64 | - | - |
| M542 | E0200152 | - | 68 | - | - | - | - |
| 544 | E0200130 | 2-3/4 | 70 | - | - | - | - |
| 546 | E0200131 | 2-7/8 | 73 | - | - | - | - |
| 548 | E0200132 | 3 | 76 | - | - | 2-1/2 | 64 |
| M548 | E0213723 | - | 75 | - | - | - | - |
| 550 | E0200133 | 3-1/8 | 79 | - | - | - | - |
| 552 | E0200134 | 3-1/4 | 83 | 3 | 76 | - | - |
| 554 | E0200135 | 3-3/8 | 86 | - | - | - | - |
| 556 | E0200136 | 3-1/2 | 89 | - | - | - | - |
| 558 | E0200137 | 3-5/8 | 92 | - | - | 3 | 76 |
| 560 | E0200138 | 3-3/4 | 95 | 3-1/2 | 89 | - | - |
| 562 | E0200139 | 3-7/8 | 98 | - | - | - | - |
| M564 | E0213724 | - | 100 | - | - | - | - |
| 564 | E0200140 | 4 | 102 | - | - | - | - |
| 566 | E0200141 | 4-1/8 | 105 | - | - | 3-1/2 | 89 |
| 568 | E0200142 | 4-1/4 | 108 | 4 | 102 | - | - |
| 570 | E0200143 | 4-3/8 | 111 | - | - | - | - |
| 572 | E0200144 | 4-1/2 | 114 | - | - | - | - |
| 576 | E0200145 | 4-3/4 | 121 | 4-1/2 | 114 | 4 | 102 |
| 580 | E0200146 | 5 | 127 | - | - | - | - |
| 588 | E0200147 | 5-1/2 | 140 | - | - | 5 | 127 |
| 592 | E0200148 | 5-3/4 | 146 | - | - | - | - |
| 596 | E0200149 | 6 | 152 | - | - | - | - |

Blu-Mol® Bi-Metal Hole Saw Kits

9595 Handyman's Kit: Contains five bi-metal hole saws. Sizes 7/8", 1", 1-1/8", 1-1/4", 1-1/2" and mandrel #5514, mandrel adapter #5511 and high density polyethylene case. EDP No. E0200324

9596 Journeyman's Kit: Contains nine bi-metal hole saws. Sizes 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2" and mandrels #5514, #5545, and mandrel adapter #5511, pilot drill #8535 and high density polyethylene case. EDP No. E0200325

9592 Plumber's Kit: Contains six bi-metal hole saws. Sizes 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4", mandrels #5545, #5514, mandrel adapter #5511 and high density polyethylene case. EDP No. E0200322

9591 Locksmith's Kit: Contains six bi-metal hole saws. Sizes 7/8", 1", 1-1/4", 1-1/2", 1-3/4", 2-1/8", mandrels #5545, #5514, mandrel adapter #5511, and high density polyethylene case. EDP No. E0200321

9593 Electrician's Kit: Contains six bi-metal hole saws. Sizes 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", mandrels #5545, #5514, mandrel adapter #5511, and high density polyethylene case. EDP No. E0200323

9593M Metric Electrician's Kit: Contains one each of 16mm, 20mm, 25mm, 32mm, 40mm, & 51mm hole saws, mandrels #5514, #5545, mandrel adapter #5511 and high density polyethylene case. EDP No. E0200326

9599 Industrial Kit: Deluxe kit contains 15 bi-metal hole saws. Sizes 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3", 3-1/4", 3-5/8", 3-3/4", 4-1/8", 4-1/2", and mandrels #5514, #5545, mandrel adapter #5511, pilot drill #8535, 12" extension #5500 and steel case. EDP No. E0200327

Empty hole saw kit boxes are available for you to fill with your customers' exact size selection requirements.

Blu-Mol® Bi-Metal Hole Saw Displays

BMHST-20 Tradesman Display: the most popular hole saws, mandrels and accessories. Contains two each of the following hole saws: 3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"; one each of the following hole saws: 3-1/4", 3-5/8", 4-1/8", 4-3/4"; and two each of mandrels #5514, #5518 and #5545; one 1/4" mandrel adapter #5511; ten pilot drills #8535P; 22-1/4" x 22-3/4" wire rack and vinyl backer EDP No. E0214572

BMHSP-33 Professional Display: the widest variety of sizes includes two each of the following hole saws: 5/8", 3/4", 7/8", 1", 1-1/16", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2", 2-1/8", 2-1/4", 2-1/2", 2-5/8", 3", 3-1/4", 3-1/2", 3-5/8", 3-3/4", 4", 4-1/8", 4-1/2", 4-3/4"; one each of the following holes saws: 5", 6"; two each of mandrels #5514, #5518, and #5545; one 1/4" mandrel adapter #5511; ten pilot drills #8535P; 35" x 25-1/2" wire rack and vinyl backer EDP No. E0214573

**NEW!!
HANGING BOX**

Blu-Mol® Bi-Metal Hole Saw Kits and Displays



Kit 9591 Locksmith's Kit



Kit 9592 Plumber's Kit



Kit 9593 Electrician's Kit



Kit 9595 Handyman's Kit



Kit 9596 Journeyman's Kit



Kit 9599 Industrial Kit



BMHST-20 Display Dimensions: 22-1/4" x 22-3/4"



BMHSP-33 Display Dimensions: 35" X 25-1/4"

HOLE SAWS

Aggressor™ Bi-Metal Hole Saws



Features:

- Bi-Metal construction
- M-3 High Speed Steel cutting edge
- Positive rake tooth
- 4/6 variable tooth
- 3/16" thick heavy duty backing plate
- 1-3/4" cutting depth

Benefits:

- Sharper, longer lasting teeth
- Faster cutting
- Smoother cuts
- Eliminates need for drive plate
- Cuts through 2" x 4"

Advantages:

- Shock resistant teeth
- Resists tooth strippage
- Less vibration

Applications:

- Holes for pipe and tubing installations, door locks, electrical conduit, hoses, antennas, etc.
- For plumbing, electrical, construction, maintenance, aircraft and automotive applications
- Use in stainless steel, cast iron, aluminum, brass, wood and plastic



Mandrels must be ordered separately. See page 11 for ordering information.

Packaged 1 per box.

Aggressor™ Bi-Metal Hole Saws

| Product No. | EDP No. | Diameter | | Pipe Tap | | Pipe Entrance | |
|-------------|----------|----------|-----|----------|-----|---------------|-----|
| | | Inch | MM | Inch | MM | Inch | MM |
| 409 | E0200500 | 9/16 | 14 | - | - | - | - |
| 410 | E0200501 | 5/8 | 16 | - | - | - | - |
| 411 | E0200502 | 11/16 | 17 | - | - | - | - |
| 412 | E0200503 | 3/4 | 19 | 1/2 | 13 | 3/8 | 10 |
| M413 | E0200504 | - | 20 | - | - | - | - |
| 413 | E0200505 | 13/16 | 21 | - | - | - | - |
| 414 | E0200506 | 7/8 | 22 | 3/4 | 19 | 1/2 | 13 |
| 415 | E0200507 | 15/16 | 24 | - | - | - | - |
| 416 | E0200508 | 1 | 25 | - | - | - | - |
| 417 | E0200509 | 1-1/16 | 27 | - | - | - | - |
| 418 | E0200510 | 1-1/8 | 29 | 1 | 25 | 3/4 | 19 |
| 419 | E0200511 | 1-3/16 | 30 | - | - | - | - |
| 420 | E0200512 | 1-1/4 | 32 | - | - | - | - |
| 421 | E0200513 | 1-5/16 | 33 | - | - | - | - |
| 422 | E0200514 | 1-3/8 | 35 | - | - | 1 | 25 |
| 423 | E0200515 | 1-7/16 | 37 | - | - | - | - |
| 424 | E0200516 | 1-1/2 | 38 | 1-1/4 | 32 | - | - |
| 425 | E0200517 | 1-9/16 | 40 | - | - | - | - |
| 426 | E0200518 | 1-5/8 | 41 | - | - | - | - |
| 427 | E0200519 | 1-11/16 | 43 | - | - | - | - |
| 428 | E0200520 | 1-3/4 | 44 | 1-1/2 | 38 | 1-1/4 | 32 |
| M428 | E0213725 | - | 45 | - | - | - | - |
| 429 | E0200521 | 1-13/16 | 46 | - | - | - | - |
| 430 | E0200522 | 1-7/8 | 48 | - | - | - | - |
| 432 | E0200523 | 2 | 51 | - | - | 1-1/2 | 38 |
| M432 | E0213726 | - | 50 | - | - | - | - |
| 433 | E0200524 | 2-1/16 | 52 | - | - | - | - |
| 434 | E0200525 | 2-1/8 | 54 | - | - | - | - |
| 436 | E0200526 | 2-1/4 | 57 | 2 | 51 | - | - |
| 437 | E0200550 | 2-5/16 | 59 | - | - | - | - |
| 438 | E0200527 | 2-3/8 | 60 | - | - | - | - |
| 440 | E0200528 | 2-1/2 | 64 | - | - | 2 | 51 |
| 441 | E0200529 | 2-9/16 | 65 | - | - | - | - |
| 442 | E0200530 | 2-5/8 | 67 | 2-1/2 | 64 | - | - |
| M442 | E0212387 | - | 68 | - | - | - | - |
| 444 | E0200531 | 2-3/4 | 70 | - | - | - | - |
| 446 | E0200532 | 2-7/8 | 73 | - | - | - | - |
| 448 | E0200533 | 3 | 76 | - | - | 2-1/2 | 64 |
| M448 | E0213728 | - | 75 | - | - | - | - |
| 450 | E0200534 | 3-1/8 | 79 | - | - | - | - |
| 452 | E0200535 | 3-1/4 | 83 | 3 | 76 | - | - |
| 454 | E0200536 | 3-3/8 | 86 | - | - | - | - |
| 456 | E0200537 | 3-1/2 | 89 | - | - | - | - |
| 458 | E0200538 | 3-5/8 | 92 | - | - | 3 | 76 |
| 460 | E0200539 | 3-3/4 | 95 | 3-1/2 | 89 | - | - |
| 462 | E0200540 | 3-7/8 | 98 | - | - | - | - |
| 464 | E0200541 | 4 | 102 | - | - | - | - |
| M464 | E0213729 | - | 100 | - | - | - | - |
| 466 | E0200542 | 4-1/8 | 105 | - | - | 3-1/2 | 89 |
| 468 | E0200543 | 4-1/4 | 108 | 4 | 102 | - | - |
| 470 | E0200544 | 4-3/8 | 111 | - | - | - | - |
| 472 | E0200545 | 4-1/2 | 114 | - | - | - | - |
| 476 | E0200546 | 4-3/4 | 121 | 4-1/2 | 114 | 4 | 102 |
| 480 | E0200547 | 5 | 127 | - | - | - | - |
| 488 | E0200548 | 5-1/2 | 140 | - | - | 5 | 127 |
| 492 | E0200551 | 5-3/4 | 146 | - | - | - | - |
| 496 | E0200549 | 6 | 152 | - | - | - | - |

Aggressor™ Bi-Metal Hole Saw Kits

9492 Plumber's Kit: Contains six hole saws most commonly used for pipe tap sizes through 2". Contents: 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", and 2-1/4", #A5515, and #A5546 mandrels and #5511 adapter.

EDP No. E0200328

9493 Electrician's Kit: Contains six hole saws most commonly used for pipe entrance sizes through 2". Contents: 7/8", 1-1/8", 1-3/4", 1-1/2", 2", and 2-1/2", #A5515, and #A5546 mandrels and #5511 adapter.

EDP No. E0200329

9495 Handyman's Kit: Contents: 7/8", 1", 1-1/8", 1-1/4", 1-1/2", #A5515 mandrel and #5511 adapter.

EDP No. E0200335

9499 Industrial Kit: Contents: 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3", 3-1/4", 3-5/8", 3-3/4", 4-1/8", and 4-1/2", #A5515, and #A5546 mandrels, #5511 adapter and #8534 pilot drill.

EDP No. E0211575

9496 Deluxe Kit: Contents: 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4" and 2-1/2", #A5515 and #A5546 mandrels, #5511 adapter and #8534 pilot drill.

EDP No. E0211572

Empty hole saw kit boxes are available for you to fill with your customers' exact size selection requirements.

Aggressor™ Bi-Metal Hole Saw Displays

AGHST-20 Tradesman Display: the most popular hole saws, mandrels and accessories. Contains two each of the following hole saws: 3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"; one each of the following hole saws: 3-1/4", 3-5/8", 4-1/8", 4-3/4"; and two each of mandrels #A5514, #A5518 and #A5545; one 1/4" mandrel adapter (pouched) #5511; ten pilot drills (one per pouch) #A8535P; 22-1/4" x 22-3/4" metal rack for pegboard; and layout drawing.

EDP No. E0214571

AGHSP-33 Professional Display: the widest variety of sizes includes two each of the following hole saws: 5/8", 3/4", 7/8", 1", 1-1/16", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2", 2-1/8", 2-1/4", 2-1/2", 2-5/8", 3", 3-1/4", 3-1/2", 3-5/8", 3-3/4", 4", 4-1/8", 4-1/2", 4-3/4"; one each of the following holes saws: 5", and 6"; two each of mandrels #A5514, #A5518, and #A5545; one 1/4" mandrel adapter #5511; ten pilot drills #A8535P; 35" x 25-1/2" metal rack for pegboard; and layout drawing.

EDP No. E0214574

**NEW!!
HANGING BOX**

Aggressor™ Bi-Metal Hole Saw Kits and Displays



Kit 9492 Plumber's Kit



Kit 9493 Electrician's Kit



Kit 9495 Handyman's Kit



Kit 9499 Industrial Kit



Kit 9496 Deluxe Kit



AGHST-20 Display Dimensions: 22-1/4" x 22-3/4"



AGHSP-33 Display Dimensions: 35" x 25-1/2"

HOLE SAWS

Aggressor™ One Piece Hole Saws



Features:

- 3/8" integral mandrel attached
- Bi-Metal construction
- M-3 High Speed Steel cutting edge
- Positive rake tooth
- 4/6 Variable tooth
- 1-7/8" Cutting depth

Benefits:

- Saves time
- Convenient
- Sharper, longer lasting teeth
- Faster cutting
- Smoother cuts
- Cuts through 2"x4"

Advantages:

- Shock resistant teeth
- Resists tooth strippage
- Less vibration
- Deep cutting

Applications:

- Use in plumbing, construction, aircraft, electrical, maintenance, and automotive applications
- Ideal for stainless steel, aluminum, wood, cast iron, brass and plastic



#8536 pilot drill must be ordered separately.
See page 11 for ordering information.

Packaged 1 per box.

Aggressor™ One Piece Hole Saws

| Product No. | EDP No. | Diameter Inch | Diameter MM | Pipe Tap Inch | Pipe Tap MM | Pipe Entrance Inch | Pipe Entrance MM |
|-------------|----------|---------------|-------------|---------------|-------------|--------------------|------------------|
| 612 | E0207001 | 3/4 | 19 | 1/2 | 13 | 3/8 | 10 |
| M613 | E0213144 | - | 20 | - | - | - | - |
| 614 | E0207002 | 7/8 | 22 | 3/4 | 19 | 1/2 | 13 |
| 616 | E0207003 | 1 | 25 | - | - | - | - |
| 618 | E0207004 | 1-1/8 | 29 | 1 | 25 | 3/4 | 19 |
| 620 | E0207005 | 1-1/4 | 32 | - | - | - | - |
| 622 | E0207006 | 1-3/8 | 35 | - | - | 1 | 25 |
| 624 | E0207007 | 1-1/2 | 38 | 1-1/4 | 32 | - | - |
| 626 | E0207008 | 1-5/8 | 41 | - | - | - | - |
| 628 | E0207009 | 1-3/4 | 44 | 1-1/2 | 38 | 1-1/4 | 32 |
| 630 | E0207010 | 1-7/8 | 48 | - | - | - | - |
| 632 | E0207011 | 2 | 51 | - | - | 1-1/2 | 38 |
| 634 | E0207012 | 2-1/8 | 54 | - | - | - | - |
| 636 | E0207013 | 2-1/4 | 57 | 2 | 51 | - | - |
| 638 | E0207014 | 2-3/8 | 60 | - | - | - | - |
| 640 | E0207015 | 2-1/2 | 64 | - | - | 2 | 51 |
| 642 | E0207016 | 2-5/8 | 57 | 2-1/2 | 64 | - | - |
| 644 | E0207017 | 2-3/4 | 70 | - | - | - | - |
| 646 | E0207018 | 2-7/8 | 73 | - | - | - | - |
| 648 | E0207019 | 3 | 76 | - | - | 2-1/2 | 64 |
| 650 | E0207020 | 3-1/8 | 79 | - | - | - | - |
| 652 | E0207021 | 3-1/4 | 83 | 3 | 76 | - | - |
| 654 | E0207022 | 3-3/8 | 86 | - | - | - | - |
| 656 | E0207023 | 3-1/2 | 89 | - | - | - | - |
| 658 | E0207024 | 3-5/8 | 92 | - | - | 3 | 76 |
| 660 | E0207025 | 3-3/4 | 95 | 3/12 | 89 | - | - |
| 662 | E0207026 | 3-7/8 | 98 | - | - | - | - |
| 664 | E0207027 | 4 | 102 | - | - | - | - |
| 666 | E0207028 | 4-1/8 | 105 | - | - | 3-1/2 | 89 |
| 668 | E0207029 | 4-1/4 | 108 | 4 | 102 | - | - |
| 670 | E0207030 | 4-3/8 | 111 | - | - | - | - |
| 672 | E0207031 | 4-1/2 | 114 | - | - | - | - |
| 676 | E0207032 | 4-3/4 | 121 | 4-1/2 | 114 | 4 | 102 |
| 680 | E0207033 | 5 | 127 | - | - | - | - |

Tech Tips

- When sawing resistant and difficult to cut materials, drill a couple of small holes within the circumference to allow chips to clear.
- When sawing in wood, finish the hole from the opposite side to prevent splinters.
- Keep an oil soaked sponge inside the holesaw if you:
 - Cannot lubricate in the normal way
 - Operate in stainless steel
 - Operate in a vertical position from above

Aggressor™ One Piece Hole Saw Kits

9691 Locksmith's Kit: Contains: 7/8", 1", 1-1/4", 1-1/2", 1-3/4", 2-1/8" and two #8536 pilot drills.
EDP No. E0200331

9692 Plumber's Kit: Contains: 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4" and two #8536 pilot drills.
EDP No. E0200332

9693 Electrician's Kit: Contains: 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2" and two #8536 pilot drills.
EDP No. E0200333

9695 General Purpose Kit: Contains: 7/8", 1", 1-1/8", 1-1/4", 1-1/2", and two #8536 pilot drills.
EDP No. E0200334

Empty hole saw kit boxes are available for you to fill with your customers' exact size selection requirements.

Aggressor™ One Piece Hole Saw Display

600D-1 Display: Contains two each of the following one piece hole saws: 3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/8", 2-1/4", 2-1/2", 3"; ten pilot drills (one per pouch) #8536; 15-1/2" x 19" x 8" wire rack
EDP No. E0203817

Pipe Tap & Pipe Entrance

- Pipe Taps are used for threading holes created by a hole saw to receive a threaded pipe. Reference the product charts for proper selection. To cut a 1" pipe tap, select a 1-1/8" hole saw.
- Pipe Entrance is the diameter of the hole through which a pipe of a given diameter will pass during installation or repair.
- Pipe Size is defined by the inside diameter. Reference the chart on page 9 for proper selection. To cut a hole through which a 3/4" pipe may be passed, a 1-1/8" hole saw is used.
- Tubing Size is defined by the outside diameter. To cut an entrance hole of a given tubing diameter, the same diameter hole saw should be used.

Aggressor™ One Piece Hole Saw Kits and Displays



Kit 9691 Locksmith's Kit



Kit 9692 Plumber's Kit



Kit 9693 Electrician's Kit



Kit 9695 General Purpose Kit



Display 600D-1 Dimensions: 15-1/2" x 19" x 8"

HOLE SAWS

Blu-Mol® Carbide-Tipped Hole Saws

Features:

- Carbide-tipped teeth
- 3 teeth per inch
- 1-7/8" cutting depth

Benefits:

- Greater wear resistance than bi-metal
- Higher heat resistance than bi-metal

Advantages:

- Up to 10 times greater tool life on abrasive materials
- Efficiently cuts abrasive materials

Applications:

- Ideal for plumbing, marine or aircraft applications
- Use in wood laminates, fiberglass, plywood or tile



Kit C9596 Carbide-Tipped Hole Saw Kit

Mandrels must be ordered separately. See page 11 for ordering information.

Packaged 1 per box.

Blu-Mol® Carbide-Tipped Hole Saws

| Product No. | EDP No. | Diameter | | Pipe Tap | | Pipe Entrance | |
|-------------|----------|----------|-----|----------|-----|---------------|----|
| | | Inches | MM | Inches | MM | Inches | MM |
| C12 | E0200221 | 3/4 | 19 | 1/2 | 13 | 3/8 | 10 |
| C14 | E0200222 | 7/8 | 22 | 3/4 | 19 | 1/2 | 13 |
| C16 | E0200223 | 1 | 25 | - | - | - | - |
| C18 | E0200224 | 1-1/8 | 29 | 1 | 25 | 3/4 | 19 |
| C20 | E0200226 | 1-1/4 | 32 | - | - | - | - |
| C22 | E0212146 | 1-3/8 | 35 | - | - | 1 | 25 |
| C24 | E0200227 | 1-1/2 | 38 | 1-1/4 | 32 | - | - |
| C28 | E0200228 | 1-3/4 | 44 | 1-1/2 | 38 | 1-1/4 | 32 |
| C32 | E0200229 | 2 | 51 | - | - | 1-1/2 | 38 |
| C36 | E0200230 | 2-1/4 | 57 | 2 | 51 | - | - |
| C40 | E0200231 | 2-1/2 | 64 | - | - | 2 | 51 |
| C48 | E0200232 | 3 | 76 | - | - | 2-1/2 | 64 |
| C56 | E0200233 | 3-1/2 | 89 | - | - | - | - |
| C68 | E0200234 | 4-1/4 | 108 | 4 | 102 | - | - |

Empty hole saw kit boxes are available for you to fill with your customers' exact size selection requirements.



Blu-Mol® Carbide-Tipped Hole Saw Kit

C9596 9-piece Carbide-Tipped Hole Saw Kit: Contains nine carbide-tipped hole saws. Sizes 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"; mandrels #5519CT, #5546CT; mandrel adapter #5511, pilot drill #8537CT and red plastic case. EDP No. E0212384

Empty hole saw kit boxes are available for you to fill with your customers' exact size selection requirements.

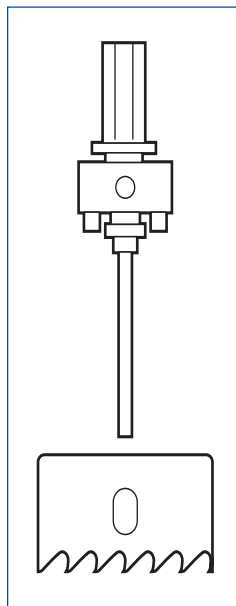
Hole Saw Operating Speeds

| Hole Saw Size Inches | MM | Mild Steel | Tool Stainless | Cast Iron | Brass | Alum- inum |
|-------------------------|----|---------------|-------------------|--------------|-------|---------------|
| 9/16 | 14 | 580 | 300 | 400 | 790 | 900 |
| 5/8 | 16 | 550 | 275 | 365 | 730 | 825 |
| 11/16 | 17 | 500 | 250 | 330 | 665 | 750 |
| 3/4 | 19 | 460 | 230 | 300 | 600 | 690 |
| — | 20 | 440 | 220 | 290 | 580 | 660 |
| 7/8 | 22 | 390 | 195 | 260 | 520 | 585 |
| 1 | 25 | 350 | 175 | 235 | 470 | 525 |
| 1-1/16 | 27 | 325 | 160 | 215 | 435 | 480 |
| 1-1/8 | 29 | 300 | 150 | 200 | 400 | 450 |
| 1-3/16 | 30 | 285 | 145 | 190 | 380 | 425 |
| 1-1/4 | 32 | 275 | 140 | 180 | 360 | 410 |
| 1-5/16 | 33 | 260 | 135 | 175 | 345 | 390 |
| 1-3/8 | 35 | 250 | 125 | 165 | 330 | 375 |
| 1-7/16 | 37 | 240 | 120 | 160 | 315 | 360 |
| 1-1/2 | 38 | 230 | 115 | 150 | 300 | 345 |
| 1-9/16 | 40 | 220 | 110 | 145 | 290 | 330 |
| 1-5/8 | 41 | 210 | 105 | 140 | 280 | 315 |
| 1-11/16 | 43 | 205 | 100 | 135 | 270 | 305 |
| 1-3/4 | 44 | 195 | 95 | 130 | 260 | 295 |
| 1-13/16 | 46 | 190 | 95 | 125 | 250 | 285 |
| 1-7/8 | 48 | 180 | 90 | 120 | 240 | 270 |
| 2 | 51 | 170 | 85 | 115 | 230 | 255 |
| 2-1/16 | 52 | 165 | 80 | 110 | 220 | 245 |
| 2-1/8 | 54 | 160 | 80 | 105 | 210 | 240 |
| 2-1/4 | 57 | 150 | 75 | 100 | 200 | 225 |
| 2-5/16 | 59 | 145 | 75 | 95 | 195 | 225 |

| Hole Saw Size Inches | MM | Mild Steel | Tool Stainless | Cast Iron | Brass | Alum- inum |
|-------------------------|-----|---------------|-------------------|--------------|-------|---------------|
| 2-3/8 | 60 | 140 | 70 | 90 | 190 | 220 |
| 2-1/2 | 64 | 135 | 65 | 85 | 180 | 205 |
| 2-9/16 | 65 | 130 | 65 | 85 | 175 | 200 |
| 2-5/8 | 67 | 130 | 65 | 85 | 170 | 195 |
| — | 68 | 130 | 65 | 80 | 170 | 190 |
| 2-3/4 | 70 | 125 | 60 | 80 | 160 | 185 |
| 2-7/8 | 73 | 120 | 60 | 75 | 160 | 180 |
| 3 | 76 | 115 | 55 | 70 | 150 | 170 |
| 3-1/8 | 79 | 110 | 55 | 70 | 140 | 165 |
| 3-1/4 | 83 | 105 | 50 | 65 | 140 | 155 |
| 3-3/8 | 86 | 100 | 50 | 65 | 130 | 150 |
| 3-1/2 | 89 | 95 | 45 | 60 | 130 | 145 |
| 3-5/8 | 92 | 90 | 45 | 60 | 120 | 140 |
| 3-3/4 | 95 | 90 | 45 | 60 | 120 | 135 |
| 3-7/8 | 98 | 90 | 45 | 60 | 120 | 135 |
| 4 | 102 | 85 | 40 | 55 | 110 | 130 |
| 4-1/8 | 104 | 80 | 40 | 55 | 110 | 120 |
| 4-1/4 | 108 | 80 | 40 | 55 | 110 | 120 |
| 4-3/8 | 111 | 80 | 40 | 50 | 100 | 120 |
| 4-1/2 | 114 | 75 | 35 | 50 | 100 | 105 |
| 4-3/4 | 121 | 75 | 35 | 50 | 92 | 95 |
| 5 | 127 | 65 | 30 | 45 | 90 | 90 |
| 5-1/2 | 140 | 60 | 25 | 40 | 85 | 85 |
| 5-3/4 | 146 | 55 | 25 | 35 | 75 | 75 |
| 6 | 152 | 55 | 25 | 35 | 75 | 75 |

Guidelines for Successful Hole Saw Operation

- The pilot drill must extend beyond the edge of the hole saw teeth by 1/8".
- Always secure the material to be cut. If not, the turning action of the hole saw will cause the workpiece to spin or slip.
- Start the hole saw square to the workpiece surface with steady feed pressure. Unbalanced tooth engagement will result in erratic hole saw action and could cause tooth stripping.
- Follow the recommended standard hole saw operating speeds, shown above.



- Hole saws should be worked in and out to help clear chips when working at the upper ranges of the hole saws' capacity.
- Whenever possible use a cutting oil, except with cast iron (or wood), to help clear chips and lubricate the blade for longer life.
- Occasionally check the mandrel's drive pins to prevent them from vibrating out of the hole saw's drive pin holes.
- Always wear eye protection.

RemGrit® Carbide Grit Edge® Hole Saws

Features:

- Tungsten carbide particles bonded to alloy steel back
- Tungsten carbide cutting edge
- 1-1/8" cutting depth
- 3/16" thick heavy duty backing plate

Benefits:

- High heat and abrasion resistance
- No teeth to dull or chip
- Cuts extremely hard abrasive materials
- Resists snagging
- Eliminates need for drive plate

Advantages:

- Greater wear resistance
- Smooth cutting

Applications:

- Use for plumbing, construction, marine and aircraft applications
- Recommended for cutting laminates, fiberglass, ceramic tile, marble and slate, cast iron and composites



Mandrels must be ordered separately. See page 11 for ordering information.

Packaged 1 per box.

RemGrit® Carbide Grit Edge® Hole Saws

| Product No. | EDP No. | Diameter | | Pipe Tap | | Pipe Entrance | |
|-------------|----------|----------|-----|----------|----|---------------|----|
| | | Inches | MM | Inches | MM | Inches | MM |
| G010M | E0206026 | 5/8 | 16 | - | - | - | - |
| G012 | E0206001 | 3/4 | 19 | 1/2 | 13 | 3/8 | 10 |
| G013M | E0206027 | - | 20 | - | - | - | - |
| G014 | E0206002 | 7/8 | 22 | 3/4 | 19 | 1/2 | 13 |
| G016 | E0206003 | 1 | 25 | - | - | - | - |
| G018 | E0206004 | 1-1/8 | 29 | 1 | 25 | 3/4 | 19 |
| G020 | E0206005 | 1-1/4 | 32 | - | - | - | - |
| G022 | E0206006 | 1-3/8 | 35 | - | - | 1 | 25 |
| G024 | E0206007 | 1-1/2 | 38 | 1-1/4 | 32 | - | - |
| G028 | E0206008 | 1-3/4 | 44 | 1-1/2 | 38 | 1-1/4 | 32 |
| G030 | E0206023 | 1-7/8 | 48 | - | - | - | - |
| G032 | E0206009 | 2 | 51 | - | - | 1-1/2 | 38 |
| G034 | E0206010 | 2-1/8 | 54 | - | - | - | - |
| G036 | E0206011 | 2-1/4 | 57 | 2 | 51 | - | - |
| G038 | E0206024 | 2-3/8 | 60 | - | - | - | - |
| G040 | E0206022 | 2-1/2 | 64 | - | - | 2 | 51 |
| G044 | E0206013 | 2-3/4 | 70 | - | - | - | - |
| G048 | E0206014 | 3 | 76 | - | - | 2-1/2 | 64 |
| G052 | E0206015 | 3-1/4 | 83 | 3 | 76 | - | - |
| G054 | E0206016 | 3-3/8 | 86 | - | - | - | - |
| G060 | E0206025 | 3-3/4 | 95 | 3-1/2 | 89 | - | - |
| G064 | E0206017 | 4 | 102 | - | - | - | - |
| G072 | E0206018 | 4-1/2 | 114 | - | - | - | - |

Empty hole saw kit boxes are available for you to fill with your customers' exact size selection requirements.

RemGrit® Hole Saw Operating Speeds

| Hole Saw Size Inches | MM | Brick Ceramic | | Reinforced Fiber-glass | |
|----------------------|-----|---------------|----------|------------------------|----------|
| | | Slate | Plastics | Slate | Plastics |
| 5/8 | 16 | 620 | 1540 | 2140 | 920 |
| 3/4 | 19 | 510 | 1280 | 1790 | 770 |
| - | 20 | 470 | 1180 | 1660 | 715 |
| 7/8 | 22 | 430 | 1090 | 1530 | 660 |
| 1 | 25 | 380 | 960 | 1340 | 580 |
| 1-1/8 | 29 | 340 | 850 | 1190 | 510 |
| 1-1/4 | 32 | 310 | 770 | 1070 | 460 |
| 1-3/8 | 35 | 280 | 700 | 980 | 420 |
| 1-1/2 | 38 | 260 | 640 | 890 | 390 |
| 1-3/4 | 44 | 220 | 550 | 770 | 330 |
| 1-7/8 | 48 | 200 | 510 | 720 | 310 |
| 2 | 51 | 190 | 480 | 670 | 290 |
| 2-1/8 | 54 | 180 | 450 | 630 | 280 |
| 2-1/4 | 57 | 170 | 430 | 600 | 270 |
| 2-3/8 | 60 | 160 | 400 | 570 | 250 |
| 2-1/2 | 64 | 150 | 380 | 540 | 230 |
| 2-3/4 | 70 | 140 | 350 | 500 | 210 |
| 3 | 76 | 130 | 320 | 450 | 190 |
| 3-1/4 | 83 | 120 | 295 | 415 | 180 |
| 3-3/8 | 86 | 115 | 285 | 400 | 175 |
| 3-3/4 | 95 | 102 | 255 | 350 | 160 |
| 4 | 102 | 95 | 240 | 330 | 150 |
| 4-1/2 | 114 | 82 | 215 | 290 | 125 |

Mandrels & Accessories



Mandrels (left to right): 5514 (A5514), 5515 (A5515), 5516 (A5516), 5519 (A5519), 5518 (A5518), 5520 (A5520), 5545 (A5545), 5546 (A5546), 5573 (A5573), A5519SDS, A5546SDS

Mandrels For Bi-Metal, Carbide Tipped and RemGrit® Hole Saws

| Blu-Mol® | | Aggressor™ | | Standard package = 1 for all styles | | | |
|-------------|----------|-------------|----------|-------------------------------------|------------------|-----------------------|--------------------------------|
| Product No. | EDP No. | Product No. | EDP No. | Fits Hole Saws | Fits Chuck Sizes | Shank Type | Description |
| 5514 | E0200271 | A5514 | E0211623 | 9/16" – 1-3/16" | 1/4" | 1/4 round | Most economical |
| 5515 | E0200272 | A5515 | E0211624 | 9/16" – 1-3/16" | 1/4" – 1/2" | 1/4 universal | Positive lock non-slip jaws |
| 5516 | E0200273 | A5516 | E0211625 | 1-1/4" – 2" | 1/4" – 1/2" | 1/4 universal | Positive lock non-slip jaws |
| 5518 | E0200274 | A5518 | E0211626 | 9/16" – 1-3/16" | 1/2" | 7/16 hex | Fits 1/2 drills |
| 5519 | E0200278 | A5519 | E0211627 | 9/16" – 1-3/16" | 3/8" – 1/2" | 3/8 hex | Fits 3/8 and 1/2 drills |
| 5519CT | E0200280 | - | - | 9/16" – 1-3/16" | 3/8" – 1/2" | 3/8 hex | With carbide tipped drill bits |
| 5520 | E0200275 | A5520 | E0211628 | 1-1/4" – 2" | 1/2" | 7/16 hex | Fits 1/2 drills |
| 5545 | E0200276 | A5545 | E0211629 | 1-1/4" – 6" | 1/2" | 7/16 hex quick change | Quick change |
| 5546 | E0200279 | A5546 | E0211630 | 1-1/4" – 6" | 3/8" – 1/2" | 3/8 hex quick change | Quick change |
| 5546CT | E0200281 | - | - | 1-1/4" – 6" | 3/8" – 1/2" | 3/8 hex quick change | With carbide tipped drill bits |
| 5573 | E0200277 | A5573 | E0211631 | 1-1/4" – 6" | 3/4" | 5/8 hex quick change | Quick change for 3/4 chucks |
| - | | *A5519SDS | E0214135 | 9/16" – 1-3/16" | | SDS shank | SDS shank |
| - | | *A5546SDSE | E0214134 | 1-1/4" – 6" | | SDS shank | Quick change |



* For use in SDS type drills that have the straight rotary drilling feature.

1/4" Pilot Drills

| Product No. | EDP No. | Length | Description | For Use With Mandrel Number | Std Pkg. |
|-------------|----------|--------|--|--|----------|
| 8534 | E0200310 | 3-1/4" | High Speed Steel | 5515, 5516, 5519, 5546, A5515, A5516, A5519, A5546, A5519SDS, A5546SDS | 10 |
| 8535 | E0200311 | 4-1/4" | High Speed Steel | 5514, 5518, 5520, 5545, 5573, A5514, A5518, A5520, A5545, A5513 | 10 |
| 8535P | E0214744 | 4-1/4" | High Speed Steel (pouched) | 5514, 5518, 5520, 5545, 5573, A5514, A5518, A5520, A5545, A5513 | 1 |
| 8536 | E0200312 | 3" | High Speed Steel | Use with Aggressor™ one-piece bi-metal hole saws | 10 |
| 8537CT | E0206021 | 3-1/8" | for carbide tipped and RemGrit hole saws | 5515, 5516, 5519, 5546, A5515, A5516, A5519, A5546, A5519SDS, A5546SDS, 5519CT, 5546CT | 1 |
| 8538CT | E0206020 | 3-3/4" | for carbide tipped and RemGrit hole saws | 5514, 5518, 5520, 5545, 5573, A5514, A5518, A5520, A5545, A5513 | 1 |
| A8535P | E0214577 | 4-1/4" | High Speed Steel (pouched) | 5514, 5518, 5520, 5545, 5573, A5514, A5518, A5520, A5545, A5513 | 1 |

Accessories For Bi-Metal, Carbide Tipped and RemGrit® Hole Saws

| Product No. | EDP No. | Description | For Use With Mandrel Number | Std Pkg. |
|-------------|----------|-------------------|---|----------|
| 5500 | E0200306 | 12" Extension | 5515, 5518, 5520, 5545, 5573, A5515, A5518, A5520, A5545, A5573 | 1 |
| 5502 | E0200307 | Extension Adapter | For 5500 extension when used with 5515, 5516, A5515, A5516 | 1 |
| 5511 | E0200309 | Mandrel Adapter | Threaded adapter and washer allow 5514, 5515, 5518, 5519, A5514, A5515, A5518 and A5519, 5519CT used with 1-1/4 hole saws | 1 |
| SS1 | E0200313 | Mandrel Set Screw | 5514, 5515, 5516, 5519, 5520, A5514, A5515, A5516, A5519, A5520, 5519CT | 6 |
| SS2 | E0200314 | Mandrel Set Screw | 5545, 5546, 5573, A5545, A5546, A5573, 5546CT | 6 |
| 5506 | E0200308 | Drive Plate | Use drive plate between hole saw and mandrel to distribute stress over greater driving area in medium and high-torque applications such as in a drill press | 1 |

Aggressor™ Bi-Metal Reciprocating Saw Blades

Features:

- Bi-Metal electron-beam welded construction
- 8% cobalt cutting edge
- Tooth hardness Rc 66-68

Benefits:

- Cuts through wood, metal, conduit, nail embedded wood
- Longer life

Advantages:

- Shock resistant teeth
- Shatter resistant
- Higher heat resistance
- Aggressive cutting



| Cutting Guide for reciprocating blades | | |
|---|--------|-------------|
| Thickness of material to be cut | | |
| Inch | MM | Tooth Pitch |
| 1/16" – 7/16" | 1.6–11 | 32 |
| 3/32" – 5/8" | 2.5–16 | 24 |
| 1/8" – 7/8" | 3–23 | 18 |
| 5/32" – 1" | 4–25 | 14 |
| 5/32" – 1-1/2" | 4–38 | 10/14 |
| 7/32" – 1-1/2" | 6–38 | 10 |
| 7/32" – 2-1/2" | 6–63 | 6, 5/7 |
| 3/8" – 2-1/2" | 10–63 | 2/3 |

Point of purchase displays available. See page 13 for ordering information.

Aggressor™ Bi-Metal Reciprocating Saw Blades

| 5 per Pouch | | Bulk Pack (50) | | TPI |
|-------------|---------|----------------|---------|-----|
| Product No. | EDP No. | Product No. | EDP No. | |

Metal Cutting

| 4" x 3/4" x .035 (100mm x 20mm x .9) | | | | |
|--------------------------------------|----------|----------|----------|----|
| AG210 | E0200822 | AG210-50 | E0200839 | 10 |
| AG214 | E0200823 | AG214-50 | E0200840 | 14 |
| AG218 | E0200824 | AG218-50 | E0200841 | 18 |
| AG224 | E0200825 | AG224-50 | E0200842 | 24 |

| 6" x 3/4" x .035 (150mm x 20mm x .9) | | | | |
|--------------------------------------|----------|----------|----------|----|
| AG310 | E0200826 | AG310-50 | E0200843 | 10 |
| AG314 | E0200827 | AG314-50 | E0200844 | 14 |
| AG318 | E0200828 | AG318-50 | E0200845 | 18 |
| AG324 | E0200829 | AG324-50 | E0200846 | 24 |

Metal Scroll

| 3-1/2" x 5/16" x .035 (90mm x 8mm x .9) | | | | |
|---|----------|----------|----------|----|
| AG114 | E0200820 | AG114-50 | E0200837 | 14 |
| AG118 | E0200821 | AG118-50 | E0200838 | 18 |

Plaster Cutting

| 6" x 3/4" x .050 (150mm x 20mm x 1.3) | | | | |
|---------------------------------------|----------|----------|----------|---|
| AG405 | E0200830 | AG405-50 | E0200847 | 6 |

Metal



| 8" x 3/4" x .035 (200mm x 20mm x .9) | | | | |
|--------------------------------------|----------|----------|----------|-------|
| AG410 | E0200831 | AG410-50 | E0200848 | 10/14 |
| AG418 | E0214132 | AG418-50 | E0214133 | 18 |

Wood Contour

| 6" x 7/16" x .050 (150mm x 20mm x 1.3) | | | | |
|--|----------|----------|----------|---|
| AG606 | E0214130 | AG606-50 | E0214131 | 6 |

Wood Cutting



| 6" x 3/4" x .050 (150mm x 20mm x 1.3) | | | | |
|---------------------------------------|----------|----------|----------|-----|
| AG608 | E0200832 | AG608-50 | E0200849 | 6 |
| AG610 | E0200833 | AG610-50 | E0200850 | 10 |
| AG657 | E0214780 | AG657-50 | E0214779 | 5/7 |

| 9" x 3/4" x .050 (225mm x 20mm x 1.3) | | | | |
|---------------------------------------|----------|----------|----------|---|
| AG906 | E0200834 | AG906-50 | E0200851 | 6 |

| 12" x 3/4" x .050 (300mm x 20mm x 1.3) | | | | |
|--|----------|-----------|----------|-------|
| AG1208 | E0200836 | AG1208-50 | E0200853 | 6 |
| AG1203 | E0200835 | AG1203-50 | E0200852 | 2/3 |
| AG1210 | E0200854 | AG1210-50 | E0212081 | 10/14 |

Tech Tips—Reciprocating Saw Blades

- First decide on the length of saw blade you need for your application. We recommend that the blade be about 2" (50mm) more than the thickness or width of the material to be cut, to take into account the blade travel.
- Then refer to the cutting guide for the cross section you plan to cut and select the tooth pitch.

Aggressor™ Heavy Duty Bi-Metal Reciprocating Saw Blades

| Per Pouch | | Bulk Pack (50) | | TPI |
|-------------|---------|----------------|---------|-----|
| Product No. | EDP No. | Product No. | EDP No. | |

Wood & Metal Cutting

5 per Pouch

| | | | | |
|--|----------|-----------|----------|---|
| 4" x 3/4" x .050 (150mm x 20mm x 1.3) | | | | |
| AGX206 | E0214357 | AGX206-50 | E0214358 | 6 |

6" x 3/4" x .050 (150mm x 20mm x 1.3)

2 per Pouch

| | | | | |
|--------|----------|-----------|----------|-------|
| AGX614 | E0214351 | AGX614-50 | E0214354 | 14 |
| AGX618 | E0214352 | AGX618-50 | E0214355 | 18 |
| AGX610 | E0214353 | AGX610-50 | E0214356 | 10/14 |

Demolition and Rescue

6" x 7/8" x .062 (150mm x 22mm x 1.6)

2 per Pouch

| | | | | |
|--------|----------|---|---|---|
| AGX606 | E0214872 | - | - | 6 |
|--------|----------|---|---|---|

9" x 7/8" x .062 (225mm x 22mm x 1.6)

2 per Pouch

| | | | | |
|--------|----------|---|---|---|
| AGX906 | E0214482 | - | - | 6 |
| AGX909 | E0214481 | - | - | 9 |

12" x 7/8" x .062 (300mm x 22mm x 1.6)

2 per Pouch

| | | | | |
|---------|----------|---|---|---|
| AGX1208 | E0214873 | - | - | 8 |
|---------|----------|---|---|---|

Aggressor™ Bi-Metal Reciprocating Saw Blade Displays

AGRS-5 Structural Display: Contains ten each of AGX610 6" x 10/14 TPI; AGX614 6" x 14 TPI; AGX618 6" x 18 TPI; AGX906 9" x 6 TPI; AGX909 9" x 9 TPI; 11-1/2" x 14" wire rack and vinyl backer. EDP No. E0214570

AGRT-13 Tradesman Display: Contains ten each of AG310 6" x 10 TPI; AG1208 6" x 6 TPI; AGX906 9" x 6 TPI; AGX909 9" x 9 TPI; AGX610 6" x 10/14 TPI; fifteen each of AG218 4" x 18 TPI; AG324 6" x 24 TPI; AG906 9" x 6 TPI; AG418 8" x 18 TPI; 25 of AG410 8" x 10/14 TPI; 30 each of AG314 6" x 14 TPI; 40 each of AG318 6" x 18 TPI; AG608 6" x 6 TPI; 16" x 22" wire rack and vinyl backer. EDP No. E0214568

AGRT-23 Professional Display: Contains ten each of AGX906 9" x 6 TPI; AGX909 9" x 9 TPI; AGX610 6" x 10/14 TPI; AGX614 6" x 14 TPI; AGX618 6" x 18 TPI; AG1210 12" x 10/14 TPI; AG114 3-1/2 x 14 TPI scroll; AG118 3-1/2 x 18 TPI scroll; AG224 4" x 24 TPI; AG606 6" x 6 TPI wood contour; AG310 6" x 10 TPI; AG324 6" x 24 TPI; AG405 6" x 6 TPI plaster; AG1208 12" x 6 TPI; AG410 8" x 10/14 TPI; AG906 9" x 6 TPI; 15 each of AG214 4" x 14 TPI; AG218 4" x 18 TPI; 20 each of AG418 8" x 18 TPI; 30 each of AG314 6" x 14 TPI; 50 each of AG318 6" x 18 TPI; AG608 6" x 6 TPI wood; 23" x 25-1/2" wire rack and vinyl backer. EDP No. E0214569

Aggressor™ Bi-Metal Reciprocating Saw Blades (continued)

RECIPROCATING SAW BLADES

Aggressor™ Bi-Metal Reciprocating Saw Blade Displays



Display AGRS-5
Dimensions: 11-1/2" x 14"



Display AGRT-13
Dimensions: 16" x 22"



Display AGRT-23
Dimensions: 23" x 25-1/2"

FIT-AL® Reciprocating Saw Blades

Features:

- Bi-metal, Carbon or solid High Speed Steel construction

Benefits:

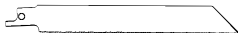

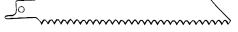
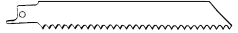
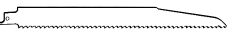
- For general cutting purposes
- Reduces blade cost in general purpose applications

Advantages:

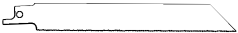
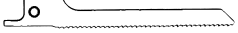
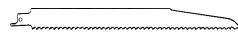
- Lower cost
- Less kerf thickness loss

| Cutting Guide for reciprocating blades | | |
|---|----------|-------------|
| Thickness of material to be cut | | |
| Inch | MM | Tooth Pitch |
| 1/16" – 7/16" | 1.6 – 11 | 32 |
| 3/32" – 5/8" | 2.5 – 16 | 24 |
| 1/8" – 7/8" | 3 – 23 | 18 |
| 5/32" – 1" | 4 – 25 | 14 |
| 5/32" – 1-1/2" | 4 – 38 | 10/14 |
| 7/32" – 1-1/2" | 6 – 38 | 10 |
| 7/32" – 2-1/2" | 6 – 63 | 6, 5/7 |
| 3/8" – 2-1/2" | 10 – 63 | 2/3 |

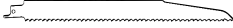


FIT-AL® Bi-Metal Reciprocating Saw Blades

| 5 per Tube | | Bulk Pack (50) | | Length | | |
|--|----------|----------------|----------|----------|-----|-------|
| Product No. | EDP No. | Product No. | EDP No. | Inches | MM | TPI |
| Metal Cutting  | | | | | | |
| ULB210 | E0201503 | ULB210-50 | E0201534 | 4 | 100 | 10 |
| ULB214 | E0201504 | ULB214-50 | E0201535 | 4 | 100 | 14 |
| ULB218 | E0201505 | ULB218-50 | E0201536 | 4 | 100 | 18 |
| ULB224 | E0201506 | ULB224-50 | E0201537 | 4 | 100 | 24 |
| ULB310 | E0201507 | ULB310-50 | E0201538 | 6 | 150 | 10 |
| ULB314 | E0201508 | ULB314-50 | E0201539 | 6 | 150 | 14 |
| ULB318 | E0201509 | ULB318-50 | E0201540 | 6 | 150 | 18 |
| ULB324 | E0201510 | ULB324-50 | E0201541 | 6 | 150 | 24 |
| Metal Scroll  | | | | | | |
| ULB114 | E0201500 | ULB114-50 | E0212656 | 3 | 75 | 14 |
| ULB118 | E0201501 | ULB118-50 | E0201532 | 3 | 75 | 18 |
| ULB124 | E0201502 | ULB124-50 | E0201533 | 3 | 75 | 24 |
| Plaster Cutting  | | | | | | |
| ULB405 | E0201511 | ULB405-50 | E0201542 | 6 | 150 | 6 |
| Combination  | | | | | | |
| ULB410 | E0201512 | ULB410-50 | E0201543 | 8 | 200 | 10/14 |
| Wood Cutting  | | | | | | |
| ULB608 | E0201513 | ULB608-50 | E0201544 | 6 x .042 | 150 | 6 |
| ULB608S | E0201514 | ULB608S-50 | E0201545 | 6 x .050 | 150 | 6 |
| ULB610 | E0201515 | ULB610-50 | E0201546 | 6 | 150 | 10 |
| ULB906S | E0201516 | ULB906S-50 | E0201547 | 9 | 225 | 6 |
| ULB1208 | E0201518 | ULB1208-50 | E0201549 | 12 | 300 | 6 |
| ULB1203 | E0201517 | ULB1203-50 | E0201548 | 12 | 300 | 2/3 |

FIT-AL® High Speed Steel Reciprocating Saw Blades

| 10 per Tube | | Bulk Pack (50) | | Length | | |
|--|----------|----------------|----------|--------|-----|-----|
| Product No. | EDP No. | Product No. | EDP No. | Inches | MM | TPI |
| Metal Cutting HSS  | | | | | | |
| HDM114 | E0201591 | HDM114-50 | E0201631 | 2-1/2 | 65 | 14 |
| HDM118 | E0201592 | HDM118-50 | E0201632 | 2-1/2 | 65 | 18 |
| HDM210 | E0201593 | HDM210-50 | E0201633 | 4 | 100 | 10 |
| HDM214 | E0201594 | HDM214-50 | E0201634 | 4 | 100 | 14 |
| HDM218 | E0201595 | HDM218-50 | E0201635 | 4 | 100 | 18 |
| HDM224 | E0201596 | HDM224-50 | E0201636 | 4 | 100 | 24 |
| HDM232 | E0201597 | HDM232-50 | E0201637 | 4 | 100 | 32 |
| HDM310 | E0201598 | HDM310-50 | E0201638 | 6 | 150 | 10 |
| HDM314 | E0201599 | HDM314-50 | E0201639 | 6 | 150 | 14 |
| HDM318 | E0201600 | HDM318-50 | E0201640 | 6 | 150 | 18 |
| HDM324 | E0201601 | HDM324-50 | E0201641 | 6 | 150 | 24 |
| HDM410 | E0201602 | HDM410-50 | E0201642 | 8 | 200 | 10 |
| Metal Scroll HSS  | | | | | | |
| MC218 | E0201603 | MC218-50 | E0201643 | 3 | 75 | 18 |
| MC224 | E0201604 | MC224-50 | E0201644 | 3 | 75 | 24 |
| HDMC210 | E0201605 | HDMC210-50 | E0201645 | 3-5/8 | 90 | 10 |
| HDMC214 | E0201606 | HDMC214-50 | E0201646 | 3-5/8 | 90 | 14 |
| Wood Cutting HSS  | | | | | | |
| 5 per Tube | | | | | | |
| WCD306 | E0201617 | WCD306-50 | E0201657 | 3-5/8" | 90 | 6 |

FIT-AL® Carbon Reciprocating Saw Blades

| 10 per Tube | | Bulk Pack (50) | | Length Inches MM | TPI |
|--|------------|----------------|------------|---------------------|-----|
| Product No. | EDP No. | Product No. | EDP No. | | |
| Wood Cutting  | | | | | |
| WC608* | E0201611 | WC608-50 | E0201651 | 6 150 | 6 |
| WC1208* | E0201612 | WC1208-50 | E0201652 | 12 300 | 6 |
| W210 | E0201613 | W210-50 | E0201653 | 3-1/2 93 | 10 |
| W406 | E0201614 | W406-50 | E0201654 | 6 150 | 6 |
| W410 | E0201615 | W410-50 | E0201655 | 6 150 | 10 |
| Wood Scroll  | | | | | |
| WCD606* | E0201618 | WCD606-50 | E0201658 | 6 150 | 6 |
| WCD1206† | E0201619 | WCD1206-50 | E0201659 | 12 300 | 6 |
| WCD306 | E0201617 | WCD306-50 | E0201657 | 3-5/8 90 | 6 |
| Plaster Cutting  | | | | | |
| P405 | E0201620 | P405-50 | E0201660 | 6 150 | 6 |

*5 per tube

† 3 per tube

Cutting Recommendations

TPI Best Used for Cutting

Bi-Metal and HSS metal cutting blades

- 10 Heavy gage metal, fiber & rubber 1/4" and thicker
- 14 Heavy gage metal, bar stock, angles, fiber & rubber 1/8" to 1/4" thick
- 18 Pipe, conduit, tubing and channel 18 gage to 1/8" thick
- 24 Galvanized pipe and metal 18 gage and under
- 32 Sheet metal and other very thin metals

Bi-Metal and Carbon Plaster Cutting

- 6 Plaster and plaster board "V" style tooth cuts on both forward and back strokes
- 10 Combination wood and plaster

Carbon Wood Cutting

- 6 Fast cutting nail-free wood & fiberboard
- 10 Smooth cutting nail embedded wood and fiberboard

Bi-Metal and Carbon Wood Cutting

- 10 General rough in including nail embedded wood
- 6 General rough-in including nail mbedded wood
- 2/3 Fastest cutting for rough-in

Bi-Metal and HSS Metal scroll blade

- 10 Irregular shapes and contours in metals 1/4" thick
- 14 Irregular shapes and contours in metals 1/8" to 1/4" thick
- 18 Irregular shapes and contours

Wood Scroll Blades

- 6 Irregular shapes and contours in all wood
- 10 Irregular shapes and contours in all wood
- 6 Hollow ground fast scroll cuts in wood and plastic

FIT-AL® Reciprocating Saw Blades (continued)

RECIPROCATING SAW BLADES

RemGrit® Carbide Grit Reciprocating Saw Blades

Features:

- Tungsten carbide grit cutting edge
- Grit hardness Rc 70
- Alloy steel backing
- 1/2" Shank

Benefits:

- Lower cost per cut
- Increases productivity

Advantages:

- Higher resistance to heat and abrasion
- Will not snag
- Cuts abrasive materials
- Cuts on both strokes

Applications:

- Use in plumbing, electrical, construction, aircraft, automotive applications
- Ideal for use in plastic composites, marble, soil pipe, cast iron, tile and cement, metal lathe and conduit



RemGrit® Carbide Grit Reciprocating Saw Blades

1 per Card
25 Cards/Box

| Product No. | EDP No. | Length | | Width | Grit |
|-------------|----------|--------|-----|-------|--------|
| | | Inches | MM | | |
| GR22 | E0206120 | 3-1/2 | 90 | 1/4 | Medium |
| GR20 | E0206121 | 4 | 100 | 3/4 | Coarse |
| GR24 | E0206122 | 6 | 150 | 3/4 | Coarse |
| GR26 | E0206123 | 8 | 200 | 3/4 | Coarse |

1 per Card
10 Cards/Box

| Product No. | EDP No. | Length | | Width | Grit |
|-------------|----------|--------|-----|-------|--------|
| | | Inches | MM | | |
| GR22-10 | E0212312 | 3-1/2 | 90 | 1/4 | Medium |
| GR20-10 | E0212303 | 4 | 100 | 3/4 | Coarse |
| GR24-10 | E0212314 | 6 | 150 | 3/4 | Coarse |
| GR26-10 | E0212324 | 8 | 200 | 3/4 | Coarse |

Bulk Pack (50)

| Product No. | EDP No. | Length | | Width | Grit |
|-------------|----------|--------|-----|-------|--------|
| | | Inches | MM | | |
| GR22-50 | E0206110 | 3-1/2 | 90 | 1/4 | Medium |
| GR20-50 | E0206111 | 4 | 100 | 3/4 | Coarse |
| GR24-50 | E0206112 | 6 | 150 | 3/4 | Coarse |
| GR26-50 | E0206113 | 8 | 200 | 3/4 | Coarse |

RemGrit® Reciprocating Saw Blade Display

RG-3 Display: Contains 10 each of GR-20, GR-22, GR-24, GR-26, GJ-2. 18" x 20" vinyl backer.

EDP No. E0206371



Dimensions:
18" x 20"

Aggressor™ Bi-Metal Air Saw Blades

5 per Pouch (except assortment)

| Product No. | EDP No. | Length | | TPI | Recommended use |
|-------------|----------|------------|-----|-----|--|
| | | Inches | MM | | |
| AG70872 | E0207100 | 3 | 75 | 18 | Metals over 1/8" thick |
| AG70874 | E0207101 | 3 | 75 | 24 | Metals 1/16" to 1/8" thick |
| AG70876 | E0207102 | 3 | 75 | 32 | Metals 1/16" and thinner |
| AG70882 | E0207103 | 4 | 100 | 18 | Metals over 1/8" thick |
| AG70886 | E0207104 | 4 | 100 | 32 | Conduit, pipe and tubing, metals 1/16" and thinner, thin wall tubing |
| AG70888 | E0207105 | 5 | 125 | 18 | Heavy gauge metals |
| AG70860 | E0207106 | Assortment | | | Includes one each AG70872, AG70874, AG70876, AG70882 and AG70886 |

Guidelines for Blade Application

| Material to be cut | Rod saw | Hack saw | Jig/Rec saw | Circ. saw | Hole saw |
|----------------------------|---------|----------|-------------|-----------|----------|
| Ceramic Wall Tile | • | • | • | | • |
| Fiberglass (all types) | • | • | • | • | • |
| Plywood | | | • | • | |
| Flagstone - Slate | • | • | • | | • |
| Hardened Steel | • | • | | | |
| Tempered Hardboard | | • | • | • | • |
| Frictional Materials | • | • | • | • | • |
| Sheet Metal (up to 16 ga.) | • | • | • | • | • |
| Plastic Laminates | | | • | • | • |
| Glass | • | • | | | • |
| Cast Iron | • | • | • | • | • |
| Stranded Cable | • | • | | | |
| Marble | • | • | • | | • |
| Chrome Plated Steel | • | • | | | |
| Plaster with Lath | | | • | • | • |
| Brick | • | • | • | | • |
| Composition Board | | | • | • | • |
| Fiber Reinforced Cement | • | • | • | • | • |
| Hardwood Flooring | | | • | • | • |
| Stainless Steel | • | • | • | | • |
| Composites | • | • | • | • | • |

Aggressor™ Bi-Metal Air Saw Blades

Features:

- Bi-Metal construction
- Matrix II cutting edge
- Fits Florida Pneumatic, Snap On and Mac Tool pneumatic machines

Advantages:

- Long life
- Fast cutting

Benefits:

- Shatter resistant
- Shock resistant teeth
- High heat resistance

Applications:

- Cuts pipe, tubing, conduit and metals



AIR SAW BLADES

Fit-Al® Jig Saw Blades

Features:

- Bi-metal, Carbon or solid High Speed Steel construction
- Precision milled teeth
- Wide variety of shanks for most jig saw machines

Benefits:

- Blades will cut almost any material
- Efficient cutting

Advantages:

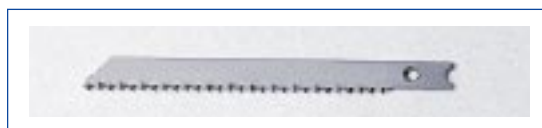
- Wide variety of sizes and blades for all cutting applications

Applications:

- Ideal for construction, electrical, plumbing applications
- Use in stainless steel, plaster, wood and plastic



Bosch Shank



Universal Shank



Bayonet Shank

Fit-Al® Jig Saw Blades — Bosch Shank

5 per Tube

| Product No. | EDP No. | Length Inches | MM | TPI | Bosch Blade | Recommended Use |
|--------------------------------|----------|---------------|----|-----|-------------------------|--|
| Carbon Blades | | | | | | |
| RB10 | E0201300 | 3-3/4 | 95 | 6 | T101D T144D T244D | Fast cuts in wood |
| RB20 | E0201301 | 3-3/4 | 95 | 10 | T101B T119B | Smoother cuts in wood |
| RB30 | E0201302 | 3-3/4 | 95 | 10 | T119D | Irregular shapes and contours in wood |
| High Speed Steel Blades | | | | | | |
| RB40 | E0201303 | 3-3/4 | 95 | 10 | T127D T227D | Metal, fiber and hard rubber (1/4 and thicker) |
| RB50 | E0201304 | 3 | 75 | 14 | T116B T101A T318B | Metal, fiber and hard rubber (1/8 to 1/4) |
| RB60 | E0201305 | 3 | 75 | 18 | T118A | Metal, fiber and hard rubber (18 gauge - 1/8) |
| RB70 | E0201306 | 3 | 75 | 24 | T218A | Galvanized pipe and metal 18 gauge and under |
| RB80 | E0201307 | 3 | 75 | 32 | T118G | Sheet metal, trim and thin metal |

Fit-Al® Jig Saw Blades (continued)

JIG SAW BLADES

Fit-Al® Jig Saw Blades — 1/4" Universal Shank

| <i>5 per tube</i> | | <i>Bulk Pack (50)</i> | | Length | | | Recommended Use |
|------------------------|----------|-----------------------|----------|--------|-----|-----|---|
| Product No. | EDP No. | Product No. | EDP No. | Inches | mm | TPI | |
| Bi-Metal Blades | | | | | | | |
| J8 | E0214158 | J8-50 | E0200920 | 3 | 75 | 14 | Heavy gauge metal (1/8 and thicker) |
| J9 | E0214159 | J9-50 | E0200921 | 3 | 75 | 18 | Metal (18 gauge to 1/8 thick) |
| J10 | E0214160 | J10-50 | E0200922 | 3 | 75 | 24 | Metal (18 gauge and under) |
| J11 | E0214161 | J11-50 | E0200923 | 3 | 75 | 32 | Sheet metal, trim and other thin metals |
| J12 | E0214162 | J12-50 | E0200924 | 3 | 75 | 14 | Finish cuts in metal, wood, fiberglass(1/8 and thicker) |
| J14 | E0214163 | J14-50 | E0200925 | 3 | 75 | 18 | Finish cuts in metal, wood, fiberglass(18 gauge to 1/8) |
| J15 | E0214164 | J15-50 | E0200926 | 3 | 75 | 18 | Metal including stainless steel, wood, fiberglass |
| Carbon Blades | | | | | | | |
| J1 | E0214177 | J1-50 | E0200914 | 3-1/2 | 90 | 6 | Fast cutting in wood, plaster, particle board, drywall |
| J2 | E0214178 | J2-50 | E0200915 | 3-1/2 | 90 | 10 | Smoother cuts in wood, plaster, particle board, drywall |
| J3 | E0214179 | J3-50 | E0200916 | 4 | 100 | 6 | Flush cuts in wood, plaster, particle board, drywall |
| J5 | E0214156 | J5-50 | E0200918 | 2-1/2 | 65 | 14 | Irregular shapes and contours in wood |
| J4 | E0214155 | J4-50 | E0200917 | 3-1/2 | 90 | 10 | Irregular shapes and contours in wood |
| J6 | E0214157 | J6-50 | E0200919 | 3-1/2 | 90 | 10 | Hollow ground for finish scroll cuts |

Fit-Al® Jig Saw Blades — Bayonet shank

| <i>5 per tube</i> | | <i>Bulk Pack (50)</i> | | Length | | | Bayonet Blade | Recommended Use |
|------------------------|----------|-----------------------|----------|--------|-----|-----|---------------|--|
| Product No. | EDP No. | Product No. | EDP No. | Inches | mm | TPI | | |
| Bi-Metal Blades | | | | | | | | |
| R55 | E0214168 | R55-50 | E0201115 | 3 | 75 | 10 | 12324 | Metal, fiber and hard rubber (1/4 and thicker) |
| R56 | E0214169 | R56-50 | E0201116 | 3 | 75 | 14 | 12346, 12330 | Metal, bar stk, angles, fiber and hard rubber (1/8-1/4) |
| R58 | E0214171 | R58-50 | E0201118 | 3 | 75 | 24 | 12349, 12342 | Galvanized pipe and metal (18 gauge and under) |
| R57 | E0214170 | R57-50 | E0201117 | 2 | 50 | 14 | 12347, 12338 | Irregular shapes, contours in metal (1/8 and thicker) |
| R60 | E0214172 | R60-50 | E0201119 | 2 | 50 | 24 | 12350, 12354 | Irregular shapes, contours in metal (18 gauge and under) |
| R99 | E0214176 | R99-50 | E0201123 | 3 | 75 | 14 | 12348, 12330 | Finish cuts in fiberglass |
| Carbon Blades | | | | | | | | |
| R52 | E0214165 | R52-50 | E0201112 | 3 | 75 | 6 | 12306 | Fast cuts in wood |
| R61 | E0214173 | R61-50 | E0201120 | 3 | 75 | 10 | - | Smoother cuts in wood |
| R62 | E0214174 | R62-50 | E0201121 | 4 | 100 | 10 | 12361 | Smoother cuts in wood |
| R54 | E0214167 | R54-50 | E0201114 | 2 | 50 | 10 | 12318 | Hollow ground for smooth finish and scroll cutting |
| R63 | E0214175 | R63-50 | E0201122 | 3 | 75 | 6 | 12380, 12370 | Irregular shapes and contours in wood |
| R53 | E0214166 | R53-50 | E0201113 | 3 | 75 | 10 | 12379, 12366 | Irregular shapes and contours in wood |

RemGrit®

Jig Saw Blades

for abrasive materials and hardened steel

Features:

- Tungsten carbide grit cutting edge
- Alloy steel back
- Grit hardness Rc 70
- Shank styles to fit most jig saw machines

Benefits:

- Self sharpening
- Increases productivity
- Lower cost per cut
- Cuts on both strokes

Advantages:

- Higher resistance to heat and abrasion
- Will not snag
- Cuts abrasive materials

Applications:

- Ideal for construction and automobile applications
- Use in fiberglass, laminates, ceramic tile, composites, plywood, and sheet metal (up to 16 gage)

Remgrit® Jig Saw Blades

| 1 per Card 25 Cards/Box | | 1 per Card 10 Cards/Box | | Length Inches MM | Grit |
|--|----------|----------------------------|----------|---------------------|------------|
| Product No. | EDP No. | Product No. | EDP No. | | |
| 1/4" Universal Shank | | | | | |
| GJ-2 | E0206140 | GJ2-10 | E0206400 | 2-7/8" | 70 Fine |
| GJ-4 | E0206141 | GJ4-10 | E0206401 | 2-7/8" | 70 Medium |
| GJ-6 | E0206142 | GJ6-10 | E0206402 | 2-7/8" | 70 Coarse |
| 1/4" Universal Shank Scroll Cutting | | | | | |
| GJ-8 | E0206143 | GJ8-10 | E0206403 | 2-7/8" | 70 Fine |
| GJ-10 | E0206144 | GJ10-10 | E0206404 | 2-7/8" | 70 Coarse |
| Bosch Shank | | | | | |
| GJ-12 | E0206148 | GJ12-10 | E0206405 | 3" | 75 Medium |
| GJ-14 | E0206147 | GJ14-10 | E0206406 | 3" | 75 Coarse |
| Makita Shank | | | | | |
| GJ-16 | E0206145 | GJ16-10 | E0206407 | 3-1/4" | 80 Medium |
| 1/4" Universal Shank Flush Cutting | | | | | |
| GJ-18 | E0206146 | GJ18-10 | E0206408 | 4" | 100 Medium |

Bulk Pack (50)

| | | | | | |
|--|----------|--|--|--------|------------|
| 1/4" Universal Shank | | | | | |
| GJ2-50 | E0206130 | | | 2-7/8" | 70 Fine |
| GJ4-50 | E0206131 | | | 2-7/8" | 70 Medium |
| GJ6-50 | E0206132 | | | 2-7/8" | 70 Coarse |
| 1/4" Universal Shank Scroll Cutting | | | | | |
| GJ8-50 | E0206133 | | | 2-7/8" | 70 Fine |
| GJ10-50 | E0206134 | | | 2-7/8" | 70 Coarse |
| Bosch Shank | | | | | |
| GJ12-50 | E0206138 | | | 3" | 75 Medium |
| GJ14-50 | E0206137 | | | 3" | 75 Coarse |
| Makita Shank | | | | | |
| GJ16-50 | E0206135 | | | 3-1/4" | 80 Medium |
| 1/4" Universal Shank Flush Cutting | | | | | |
| GJ18-50 | E0206136 | | | 4" | 100 Medium |

RemGrit® Jig Saw Blade Display

RG-2 Display: Contains 10 each of GJ-2, GJ-4, GJ-6; Five each of GJ-8, GJ-10, GJ-12, GJ-14, GJ-16, GJ18, GR-24. 18" x 21" vinyl backer.
EDP No. E0206372



Dimensions: 18" x 21"

Blu-Mol® Hacksaw Blades — Bi-Metal

| 100 per Pack | | 10 per Pack | | Teeth Per Inch |
|---|----------|-------------|----------|----------------|
| Product No. | EDP No. | Product No. | EDP No. | |
| 12" x 1/2" x .025 (300mm x 12.5mm x .64) | | | | |
| 1214UL | E0200617 | 1214UL-10 | E0200614 | 14 |
| 1218UL | E0200618 | 1218UL-10 | E0200615 | 18 |
| <hr/> | | | | |
| 1224UL | E0200619 | 1224UL-10 | E0200616 | 24 |
| 1232UL | E0200620 | 1232UL-10 | E0200621 | 32 |
| <hr/> | | | | |
| 10" x 1/2" x .025 (250mm x 12.5mm x .64) | | | | |
| 1018UL | E0200622 | 1018UL-10 | E0200611 | 18 |
| 1024UL | E0200623 | 1024UL-10 | E0200612 | 24 |
| 1032UL | E0200624 | 1032UL-10 | E0200613 | 32 |

Blu-Mol® Hacksaw Blades — High Speed Steel All Hard

| 100 per Pack | | Teeth Per Inch |
|---|----------|----------------|
| Product No. | EDP No. | |
| 12" x 1/2" x .025 (300mm x 12.5mm x .64) | | |
| 1214M | E0200654 | 14 |
| 1218M | E0200655 | 18 |
| <hr/> | | |
| 1224M | E0200656 | 24 |
| 1232M | E0200657 | 32 |

Blu-Mol® Bi-Metal Hacksaw Blades

Features:



- Bi-metal construction
- Spring steel back
- High speed steel cutting edge

Benefits:

- Designed specifically for use with the High Tension Frame for superior performance
- Flexible, heat and shock resistant
- Long blade life

Advantages:

- Shatter resistant for safe operation
- Outperforms carbon blades by up to 10 times

Blu-Mol® HSS All Hard Hacksaw Blades

Features:



- High speed steel construction
- Fully hardened back and cutting edge

Benefits:

- Straighter cutting
- More efficient cutting
- Designed for use with low tension hack frame

Advantages:

- Heat resistant
- More rigid than flexible blades

Hacksaw Cutting Guide

| Cross Section to be Cut | Teeth in Workpiece | Tooth Pitch |
|-------------------------|--------------------|-------------|
| 3/32" – 5/16" | 2–8 | 32 |
| 1/8" – 3/16" | 3–12 | 24 |
| 3/16" – 1/2" | 5–13 | 18 |
| 7/32" – 3/4" | 6–9 | 14 |

HACKSAW BLADES

Blu-Mol® Flexible Carbon Hacksaw Blades

Features:



- Heat treated carbon steel
- Milled teeth

Benefits:

- Resistant to tooth strippage and breakage

Advantages:

- Low end of service cost in general duty application

Aggressor™ Bi-Metal Hacksaw Blades

Features:



- Bi-metal construction
- M2 Cutting edge
- Spring steel back
- Variable tooth style

Benefits:

- Flexible
- Heat and shock resistant
- Smoother cutting
- Variable tooth offers less vibration

Advantages:

- Shatter resistant
- Longer blade life
- Faster cutting

Applications:

- Used in plumbing, automotive and electrical applications
- Structurals, pipe, conduit, solids, angle iron, copper tubing and other tubing

Blu-Mol® Hacksaw Blades — Flexible Carbon

| 100 Pack | | 10 Pack | | Teeth Per Inch |
|---|------------|----------------|------------|----------------------|
| Product No. | EDP No. | Product No. | EDP No. | |
| 12" x 1/2" x .025 (300mm x 12.5mm x .64) | | | | |
| 45FH | E0200678 | 45FH-10 | E0200671 | 14 |
| 55FH | E0200680 | 55FH-10 | E0200673 | 18 |
| 65FH | E0200682 | 65FH-10 | E0200675 | 24 |
| 75FH | E0200684 | 75FH-10 | E0200677 | 32 |
| 10" x 1/2" x .025 (300mm x 12.5mm x .64) | | | | |
| 53FH | E0200679 | 53FH-10 | E0200672 | 18 |
| 63FH | E0200681 | 63FH-10 | E0200674 | 24 |
| 73FH | E0200683 | 73FH-10 | E0200676 | 32 |

Aggressor™ Variable Pitch Bi-Metal Hacksaw Blades

| 100 Pack | | 10 Pack | | Teeth Per Inch |
|---|------------|----------------|------------|----------------------|
| Product No. | EDP No. | Product No. | EDP No. | |
| 12" x 1/2" x .025 (300mm x 12.5mm x .64) | | | | |
| AG1212 | E0212083 | AG1212-10 | E0212084 | 10/14T |
| AG1216 | E0212085 | AG1216-10 | E0212086 | 14/18T |
| AG1220 | E0212098 | AG1220-10 | E0212088 | 18/24T |
| AG1228 | E0212089 | AG1228-10 | E0212090 | 24/32T |

Aggressor™ Bi-Metal Hacksaw Blades wider blades for heavy duty use and more beam strength

| 50 per Pack | | Teeth Per Inch |
|---|------------|----------------------|
| Product No. | EDP No. | |
| 12" x 5/8" x .025 (300mm x 16mm x .64) | | |
| AG2318 | E0200645 | 18 |

RemGrit® Carbide Grit Edge Hacksaw Blades

| 1 per Card 10 Cards/Box | | Bulk Pack (100) | |
|---|----------|-----------------|----------|
| Product No. | EDP No. | Product No. | EDP No. |
| 10" x 3/4" x .025 (250mm x 19mm x .64) | | | |
| GH10 | E0206161 | GH10-100 | E0206151 |
| 12" x 3/4" x .025 (300mm x 19mm x .64) | | | |
| GH12 | E0206160 | GH12-100 | E0206150 |
| 12" x 1/2" x .025 (300mm x 19mm x .64) | | | |
| - | - | GH1250-100 | E0212249 |

Tech Tip — Hacksaw Blade Selection

- **Carbon:** recommended for cutting brass, copper, softer steels, aluminum and similar materials.
- **High Speed Steel:** recommended for those materials which are difficult to cut such as stainless steel, tool and alloy steels. Use high speed steel all hard blades when the workpiece can be held securely in a vice or clamp.
- **Bi-Metal:** use on all types of materials. A high speed steel cutting edge welded to a tough alloy steel back produces a blade with a long cutting life and high resistance to breaking.
- **Grit Edge®:** tungsten carbide grit bonded to an alloy steel back. Use on abrasive and other material that standard blades cannot cut.

RemGrit® Carbide Grit Edge Hacksaw Blades

Features:

- Tungsten carbide grit cutting edge
- Alloy steel backing
- Grit Hardness Rc 70
- 1/2" and 3/4" wide

Benefits:

- Cuts on push and pull stroke
- Lower cost per cut
- Straighter cuts

Advantages:

- Cuts materials that standard blades cannot
- Will not snag
- Higher resistance to abrasion
- Cuts hardened steel, Rc 60-62

Applications:

- Use in plumbing, electrical, automotive, construction, marine, aircraft industries
- Recommended for use in case hardened steel, reinforced hose, chain, standard cable, ceramic tile, glass, locks



Hacksaw Cutting Guide

| Cross Section to be Cut | Teeth in Workpiece | Tooth Pitch |
|-------------------------|--------------------|-------------|
| 3/32" – 5/16" | 2-8 | 32 |
| 1/8" – 3/16" | 3-12 | 24 |
| 3/16" – 1/2" | 5-13 | 18 |
| 7/32" – 3/4" | 6-9 | 14 |

HACKSAW BLADES

RemGrit® Carbide Rod Saw Blades

Features:

- Tungsten carbide grit cutting edge
- Alloy steel rod backing
- Grit hardness Rc 70
- Fits standard hacksaw frame

Benefits:

- Cuts in any direction

Advantages:

- Cuts abrasive materials
- Works in tight places
- Higher Abrasion resistance
- Cuts hardened steel Rc 60–62

Applications:

- Applications include construction, automotive, marine, electrical, plumbing
- Use to cut bolts, ceramic tile, thin wall pipe and tubing, glass, fiberglass



RemGrit® Carbide Rod Saws – Standard (Approx. diameter 0.100")

| 1 per Card 10 Cards/Box | | Bulk Pack (100) | | Length | |
|----------------------------|----------|-----------------|----------|--------|-----|
| Product No. | EDP No. | Product No. | EDP No. | Inch | MM |
| - | - | GG6-100 | E0212241 | 6 | 150 |
| GG10 | E0206181 | GG10-100 | E0206171 | 10 | 250 |
| GG12 | E0206180 | GG12-100 | E0206170 | 12 | 300 |

RemGrit® Carbide Rod saws – Fine Line (Approx. diameter 0.090")

| 1 per Card 10 Cards/Box | | Bulk Pack (100) | | Length | |
|----------------------------|----------|-----------------|----------|--------|-----|
| Product No. | EDP No. | Product No. | EDP No. | Inch | MM |
| - | - | GF6-100 | E0212229 | 6 | 150 |
| - | - | GF10-100 | E0206173 | 10 | 250 |
| GF12 | E0206182 | GF12-100 | E0206172 | 12 | 300 |

RemGrit® Displays

RG-1 Display: Contains ten each of GG-12, GH-12; five each of GG-10, GH-10, GJ-2, GR-24; 17" x 19" vinyl backer.
EDP No. E0206370

RG-4 Display: Contains ten each of GG-12, GJ-2, GJ-6; five each of GH-12, GJ-8, GR-24; and two each of GC-703.
17" x 29-1/2" vinyl backer.
EDP No. E0206373



RemGrit RG-1 Display
Dimension: 17" x 19"



RemGrit RG-4 Display
Dimension: 17" x 29-1/2"

Aggressor™ Portable Bandsaw Blades

| <i>3 per Box</i> | | <i>Bulk Pack (100)</i> | | <i>TPI</i> |
|--|----------------|------------------------|----------------|------------|
| <i>Product No.</i> | <i>EDP No.</i> | <i>Product No.</i> | <i>EDP No.</i> | |
| <i>Size: 44-7/8" x 1/2" x .020 (1140mm x 12.5mm x .50mm)</i> | | | | |
| AG4412 | E0203110 | AG4412-100 | E0203131 | 10/14 |
| AG4416 | E0203111 | AG4416-100 | E0203132 | 14/18 |
| AG4420 | E0203112 | AG4420-100 | E0203133 | 18/24 |



Aggressor™ Portable Bandsaw Blades

Features:

- Bi-metal construction
- Matrix II cutting edge
- Tooth edge contains 8% cobalt
- Variable tooth design

Benefits:

- High heat and shock resistance
- Variable tooth design reduces vibration

Advantages:

- Excellent performance on interrupted cutting applications
- Fast cutting
- Long life

Applications:

- Fits all standard portable bandsaw machines
- Use for pipe, tubing, structurals, angle iron, irregular shape solids
- Ideal for use in stainless steel

PORTABLE BANDSAW BLADES

Blu-Mol® Portable Bandsaw Blades

Features:

- Bi-metal construction
- Matrix II cutting edge
- Contains 8% cobalt
- Available in standard and variable tooth style

Benefits:

- High heat and shock resistance

Advantages:

- Long life
- Less tooth chippage

Applications:

- Fits all standard portable bandsaw machines
- Use for pipe, conduit, tubing, rebar and solids
- Ideal for stainless steel

Blu-Mol® Bi-Metal Portable Bandsaw Blades

| <i>3 per Box</i> | | <i>Bulk Pack (100)</i> | | |
|---|----------|------------------------|----------|-------|
| Product No. | EDP No. | Product No. | EDP No. | TPI |
| Size: 44-7/8" x 1/2" (1140mm x 12.5mm x .50mm) | | | | |
| B4410 | E0203100 | B4410-100 | E0203121 | 10 |
| B4412 | E0203101 | B4412-100 | E0203122 | 10/14 |
| B4414 | E0203102 | B4414-100 | E0203123 | 14 |
| B4418 | E0203103 | B4418-100 | E0203124 | 18 |
| B4424 | E0203104 | B4424-100 | E0203125 | 24 |
| Size: 53-3/4" x 1/2" (1365mm x 12.5mm x .50mm) | | | | |
| B5310 | E0203105 | B5310-100 | E0203126 | 10 |
| B5312 | E0203106 | B5312-100 | E0203127 | 10/14 |
| B5314 | E0203107 | B5314-100 | E0203128 | 14 |
| B5318 | E0203108 | B5318-100 | E0203129 | 18 |
| B5324 | E0203109 | B5324-100 | E0203130 | 24 |

RemGrit® Grit Edge® Portable Bandsaw Blades

| 1 per Box Product No. | EDP No. | Edge Type | Grit |
|---|------------|--------------|---------------|
| Size: 44-7/8" x 1/2" x .020" (1140mm x 12.5mm x .50mm) | | | |
| G4MC | E0206260 | Continuous | Medium |
| G4MCC | E0206261 | Continuous | Medium Coarse |
| G4MG | E0212209 | Gulleted | Medium |
| G4MCG | E0206262 | Gulleted | Medium Coarse |
| Size: 53-3/4" x 1/2" x .020" (1365mm x 12.5mm x .50mm) | | | |
| G5MC | E0206264 | Continuous | Medium |
| G5MCC | E0206265 | Continuous | Medium Coarse |
| G5MG | E0206266 | Gulleted | Medium |
| G5MCG | E0212211 | Gulleted | Medium Coarse |

Guidelines for Blade Application

| Material to be cut | Rod saw | Hack saw | Jig/Rec saw | Circ. saw | Hole saw |
|-------------------------------|------------|-------------|----------------|--------------|-------------|
| Ceramic Wall Tile | • | • | • | | • |
| Fiberglass (all types) | • | • | • | • | • |
| Plywood | | | • | • | • |
| Flagstone - Slate | • | • | • | | • |
| Hardened Steel | • | • | | | |
| Tempered Hardboard | | • | • | • | • |
| Frictional Materials | • | • | • | • | • |
| Sheet Metal (up to 16 ga.) | • | • | • | • | • |
| Plastic Laminates | | | • | • | • |
| Glass | • | • | | | • |
| Cast Iron | • | • | • | • | • |
| Stranded Cable | • | • | | | |
| Marble | • | • | • | | • |
| Chrome Plated Steel | • | • | | | |
| Plaster with Lath | | | • | • | • |
| Brick | • | • | • | | • |
| Composition Board | | | • | • | • |
| Fiber Reinforced Cement | • | • | • | • | • |
| Hardwood Flooring | | | • | • | • |
| Stainless Steel | • | • | • | | • |
| Composites | • | • | • | • | • |

RemGrit® Portable Bandsaw Blades

Features:

- Tungsten carbide grit cutting edge
- Alloy steel back
- Gulleted and Continuous edge types

Benefits:

- Gulleted edge blades for materials 1/4" and greater
- Continuous edge for materials thinner than 1/4"
- Reversible, increases life span up to 25%

Advantages:

- Grit edge blades cut material that conventional blades fail to cut
- Heat resistant
- Long life
- Low cost per cut

Applications:

- Fits all standard portable bandsaw machines
- Use for cable, work hardened steel, wire rope, glass, fiberglass, fiber reinforced cement, cast iron and composites



Top: continuous edge
Bottom: gulleted edge

Rem-Grit® Circular Saw Blades

Features:

- Tungsten carbide grit cutting edge
- Alloy steel back

Benefits:

- Higher abrasion resistance than traditional blades
- Reversible blades
- Long life
- Lower cost per cut

Advantages:

- Efficient cutting performance

Applications:

- Used in construction, automotive, plumbing, marine, and aircraft applications
- Recommended for use in reinforced plastics, composition board, fiberglass, tempered hardboard and laminates



Rem-Grit® Circular Saw Blades

| 1 per Card (see note) | | Bulk (see note) | | Diameter Inch MM | Grit | Arbor Size Inch |
|-----------------------|------------|-----------------|------------|---------------------|-------|-----------------------|
| Product No. | EDP No. | Prod. No. | EDP No. | | | |
| GC101 | E0206220 | GB101 | E0206190 | 1-3/4" 44 | Fine | 1/4 |
| GC103 | E0206221 | GB103 | E0206191 | 1-3/4" 44 | Med | 1/4 |
| GC105 | E0206222 | GB105 | E0206192 | 1-3/4" 44 | M Crs | 1/4 |
| GC107 | E0206223 | GB107 | E0206193 | 1-3/4" 44 | Crs | 1/4 |
| GC200 | E0206224 | GB200 | E0206194 | 2" 51 | Med | 1/4 |
| GC201 | E0206225 | GB201 | E0206195 | 2" 51 | Crs | 5/16 |
| GC250 | E0206226 | GB250 | E0206196 | 2-1/2" 64 | Crs | 7/16 |
| GC302 | E0206227 | GB302 | E0206197 | 3" 76 | Crs | 1/2 |
| GC304 | E0206228 | GB304 | E0206198 | 3" 76 | Crs | 3/8 |
| GC402 | E0206230 | GB402 | E0206200 | 4" 102 | Fine | 3/4 |
| GC404 | E0206231 | GB404 | E0212212 | 4" 102 | Crs | 3/4 |
| GC406 | E0206229 | GB406 | E0206199 | 4" 102 | Crs | 20mm |
| GC408 | E0206232 | GB408 | E0212213 | 4" 102 | Crs | 5/8 |
| GC650 | E0206233 | GB650 | E0212216 | 6-1/2" 165 | Med | 1/2-5/8 |
| GC652 | E0206234 | GB652 | E0212217 | 6-1/2" 165 | Crs | 1/2-5/8 |
| GC700 | E0206235 | GB700 | E0212218 | 7" 178 | Med | 1/2-5/8 |
| GC703 | E0206236 | GB703 | E0212219 | 7" 178 | Crs | 1/2-5/8 |
| GC803 | E0206237 | GB803 | E0212220 | 8" 203 | Med | 1/2-5/8 |
| GC805 | E0206238 | GB805 | E0212221 | 8" 203 | Crs | 1/2-5/8 |
| GC505 | E0206239 | GB505 | E0212214 | 10" 254 | Med | 5/8 Rnd |
| GC507 | E0206240 | GB507 | E0212215 | 10" 254 | Crs | 5/8 |
| GC910 | E0206241 | GB910 | E0212222 | 12" 305 | Med | 3/4-1 Rnd |
| GC915 | E0206242 | GB915 | E0212223 | 12" 305 | Crs | 3/4-1 Rnd |
| GC918 | E0206243 | - | - | 12" 305 | X Crs | 3/4-1 Rnd |
| GC950 | E0206244 | - | - | 14" 305 | Crs | 3/4-1 Rnd |
| GC955 | E0206245 | - | - | 14" 305 | X Crs | 3/4-1 Rnd |

Note: 12" and 14" diameter blades (GC910–GC955) are individually boxed, not carded.

Note: Bulk packaging GB101–GB408 bulk packaging = 50 pcs;
GB650–GB915 bulk packaging = 25 pcs.