

JIGSAW BLADES

EURO Shank, Carbon Steel,
Suitable for Soft Materials



91

| mm-teeth | Ref. Bosch | | |
|---------------|------------|---|-------------|
| 8x116-D-F | T301 CDF | 1 | 91-434-5P |
| 6,4x152-D-G | T344 DF | 1 | 91-444-5P |
| 10x100-D-M | T111 C | 1 | 91-023-5P |
| 12,7x75-C-M | T119 BO | 1 | 91-027-5P |
| 6,4x100-D-G | T144 D | 1 | 91-143-5P |
| 6x100-C-G | T244 D | 1 | 91-148-5P |
| 10x100-D-F | T101 B | 1 | 91-223-5P |
| 10x100-D-F | T101 BR | 1 | 91-226-5P |
| 6x100-D-F | T101 D | 1 | 91-243-5P |
| 19x76-C-F | T101 AOF | 1 | 91-412-5P |
| 6x100-D-F | T144 DF | 1 | 91-443-5P |
| 8x116-D-F | T301 CD | 1 | 91-233-5P |
| 10x116-D-M | T111 HF | 1 | 91-623-5P |
| 36x75-D-F | T118 G | 1 | 91-502-5P |
| 21x75-D-M | T118 A | 1 | 91-512-5P |
| 21x75-C-M | T218 A | 1 | 91-517-5P |
| 24x132-D-F | T318 AF | 1 | 91-611-5P |
| 12x75-D-M | T118 B | 1 | 91-522-5P |
| 12x75-D-F | T118 BF | 1 | 91-622-5P |
| 8x100-D-M | T127 DF | 1 | 91-433-5P |
| 21x75-D-M | T118 AF | 1 | 91-612-5P |
| 14/10x132-D-M | T318 VF | 1 | 91-7V1-5P |
| 6x100-D-G | T141 HM | 1 | 91-840-1P |
| 24x75-D-F | T118 AHM | 1 | 91-919-1P |
| 12-8x116-D-M | T234 X | 1 | 91-2PW-5P |
| 21-10x100-D-M | T123 X | 1 | 91-3PM-5P |
| 10-5x132-D-M | T345 XF | 1 | 91-4PWM-5P |
| 6x152 | | 1 | 91-14W6-5P |
| 75-D-G | T130 RF | 1 | 91-C13-1 |
| 6,4x100-D-G | T144 D | 1 | 91-143-25P |
| 21x75-D-M | T118 A | 1 | 91-512-25P |
| 6,4x100-D-G | T144 D | 1 | 91-143-100P |

PALLET AND CAR BODY SAWBLADES

SANDFLEX® Pallet sawblades



3840-P

| mm | | | |
|-----|-----|--|-------------|
| 220 | 100 | | 3840-220-24 |

Car body Sawblades, SANDFLEX®
Bi-metal



3845

| mm-teeth | | | |
|----------|---|--|-------------|
| 90-18 | 1 | | 3845-18-10P |
| 90-24 | 1 | | 3845-24-10P |
| 90-32 | 1 | | 3845-32-10P |

HAND HACKSAW BLADES

Hand Hacksaw Blades,
New SANDFLEX® Bi-metal + Cobalt



3906

| mm-TPI | | | |
|--------------|-----|--|---------------------|
| 250-18 | 100 | | 3906-250-18-100 |
| 250-24 | 100 | | 3906-250-24-100 |
| 250-32 | 100 | | 3906-250-32-100 |
| 300-14 | 100 | | 3906-300-14-100 |
| 300-18 | 100 | | 3906-300-18-100 |
| 300-24 | 100 | | 3906-300-24-100 |
| 300-32 | 100 | | 3906-300-32-100 |
| 300-18 | 100 | | 3906-300-18-100-RET |
| 300-24 | 100 | | 3906-300-24-100-RET |
| 300-32 | 100 | | 3906-300-32-100-RET |
| 300-18 | 10 | | 3906-300-18-2P |
| 300-24 | 10 | | 3906-300-24-2P |
| 300-32 | 10 | | 3906-300-32-2P |
| 300-18,24,32 | 10 | | 3906-300-3P |
| 300-24 | 10 | | 3906-300-24-5P |
| 300-32 | 10 | | 3906-300-32-5P |
| 300-18 | 1 | | 3906-300-18-10P |
| 300-24 | 10 | | 3906-300-24-10P |
| 300-32 | 10 | | 3906-300-32-10P |

Hand Hacksaw Blades, HSS,
SANDCUT®



3805

| mm-TPI | | | |
|--------|-----|--|------------------|
| 250-24 | 100 | | 3805-250-24-100P |
| 300-14 | 100 | | 3805-300-14-100P |
| 300-18 | 100 | | 3805-300-18-100P |
| 300-24 | 100 | | 3805-300-24-100P |
| 300-32 | 100 | | 3805-300-32-100P |
| 300-24 | 10 | | 3805-300-24-2P |

Hand Hacksaw Blades, Flexible



3803

| mm-TPI | | | |
|--------|-----|--|-----------------|
| 300-24 | 100 | | 3803-300-24-100 |
| 300-24 | 1 | | 3803-300-24-10P |
| 300-24 | 10 | | 3803-300-24-2P |

Rod sawblade



215

| mm | | | |
|-------|---|--|---------|
| 150-6 | 5 | | 215-150 |

Blade with cemented carbide



216

| mm | | | |
|--------|---|--|-----------|
| 150-6 | 5 | | 216-150-R |
| 300-12 | 5 | | 216-300-R |

ENGINEERING FILES

Round File, Single Pack Carded, Ergo Handle



1-230...-2 ergo®

| inch/mm-size | | | |
|--------------|---|--|--------------|
| 4/100-1 | 5 | | 1-230-04-1-2 |
| 4/100-2 | 5 | | 1-230-04-2-2 |
| 6/150-1 | 5 | | 1-230-06-1-2 |
| 6/150-2 | 5 | | 1-230-06-2-2 |
| 8/200-1 | 5 | | 1-230-08-1-2 |
| 8/200-2 | 5 | | 1-230-08-2-2 |
| 10/250-1 | 5 | | 1-230-10-1-2 |
| 10/250-2 | 5 | | 1-230-10-2-2 |
| 10/250-3 | 5 | | 1-230-10-3-2 |
| 12/300-1 | 5 | | 1-230-12-1-2 |
| 12/300-2 | 5 | | 1-230-12-2-2 |

Knife File, Industry Pack, Unhandled
inch/mm-size



1-250

| inch/mm-size | | | |
|--------------|----|--|--------------|
| 6/150-1 | 10 | | 1-250-06-1-0 |
| 6/150-2 | 10 | | 1-250-06-2-0 |
| 8/200-1 | 10 | | 1-250-08-1-0 |
| 8/200-2 | 10 | | 1-250-08-2-0 |
| 8/200-3 | 10 | | 1-250-08-3-0 |
| 10/250-1 | 10 | | 1-250-10-1-0 |

Diagonal File, Industry Pack, Unhandled



1-320...-0

| inch/mm-size | | | |
|--------------|----|--|--------------|
| 8/200-2 | 10 | | 1-320-08-2-0 |
| 10/250-2 | 10 | | 1-320-10-2-0 |
| 12/300-2 | 5 | | 1-320-12-2-0 |

File Set - Set of 3



1-473 ergo®

| inch/mm-size | | | |
|--------------|---|--|--------------|
| 6/150-2 | 5 | | 1-473-06-2-2 |
| 8/200-2 | 5 | | 1-473-08-2-2 |
| 10/250-2 | 5 | | 1-473-10-2-2 |

File Set - Set of 6



1-476

| inch/mm-size | | | |
|--------------|---|--|--------------|
| 4/100-3 | 1 | | 1-476-04-3-2 |

File Set - Set of 5



1-477 ergo®

| inch/mm-size | | | |
|--------------|---|--|--------------|
| 8/200-2 | 5 | | 1-477-08-2-2 |
| 10/250-2 | 5 | | 1-477-10-2-2 |

File Set - Set of 5



1-478 ergo®

| inch/mm-size | | | |
|--------------|---|--|--------------|
| 8/200-1+2 | 5 | | 1-478-08-1-2 |
| 10/250-1 | 5 | | 1-478-10-1-2 |

File Set - Set of 5



1-479 ergo®

| inch/mm-size | | | |
|--------------|---|--|--------------|
| 8/200-1 | 5 | | 1-479-08-1-2 |
| 8/200-2 | 5 | | 1-479-08-2-2 |

File Set, Carpentry - Set of 3



6-470 ergo®

| inch/mm-size | | | |
|--------------|---|--|--------------|
| 8/200-2 | 5 | | 6-470-08-2-2 |

NEEDLE FILES

Round-Edge Joint File,
Industry Pack, Unhandled



2-312

| inch/mm-size | | |
|--------------|----|--------------|
| 6¼/160-4 | 10 | 2-312-16-4-0 |

Half-Round File, Double Cut on Radius,
Industry Pack, Unhandled



2-313

| inch/mm-size | | |
|--------------|----|--------------|
| 6¼/160-0 | 10 | 2-313-16-0-0 |
| 6¼/160-2 | 10 | 2-313-16-2-0 |

File Set, Needle Files - Set of 6



2-470

| inch/mm-size | | |
|--------------|----|--------------|
| 5½/140-0 | 1 | 2-470-14-0-0 |
| 5½/140-2 | 1 | 2-470-14-2-0 |
| 5½/140-4 | 1 | 2-470-14-4-0 |
| 6¼/160-1 | 10 | 2-470-16-1-0 |
| 6¼/160-2 | 10 | 2-470-16-2-0 |

File Set, Needle Files - Set of 9



2-471

| inch/mm-size | | |
|--------------|---|--------------|
| 6¼/160-1 | 1 | 2-471-16-1-0 |

File Set, Needle Files - Set of 12



2-472

| inch/mm-size | | |
|--------------|---|--------------|
| 5½/140-0 | 5 | 2-472-14-0-0 |
| 5½/140-2 | 5 | 2-472-14-2-0 |
| 6¼/160-0 | 5 | 2-472-16-0-0 |
| 6¼/160-1 | 5 | 2-472-16-1-0 |
| 6¼/160-2 | 5 | 2-472-16-2-0 |

Adjustable Handle for Needle Files



9-488-01

| 10 | 9-488-01-1P |
|----|-------------|

Universal Handle for Needle Files



9-488-02

| 10 | 9-488-02-10 |
|----|-------------|

DIAMOND FILES

Diamond Needle Files

| | | |
|--|--|--------|
| | | 2-300- |
| | | 2-301- |
| | | 2-302- |
| | | 2-303- |
| | | 2-304- |

2-300-D - 2-304-D

| mm | | |
|-----|---|---------------|
| 140 | 1 | 2-300-14-D-1P |
| 160 | 1 | 2-300-16-D-1P |
| 140 | 1 | 2-301-14-D-1P |
| 160 | 1 | 2-301-16-D-1P |
| 140 | 1 | 2-302-14-D-1P |
| 160 | 1 | 2-302-16-D-1P |
| 140 | 1 | 2-303-14-D-1P |
| 160 | 1 | 2-303-16-D-1P |
| 140 | 1 | 2-304-14-D-1P |
| 160 | 1 | 2-304-16-D-1P |

Diamond Needle Files

| | | |
|--|--|--------|
| | | 2-306- |
| | | 2-307- |
| | | 2-308- |
| | | 2-309- |
| | | 2-311- |

2-306-D - 2-311-D



| mm | | |
|-----|---|---------------|
| 140 | 1 | 2-306-14-D-1P |
| 140 | 1 | 2-307-14-D-1P |
| 160 | 1 | 2-307-16-D-1P |
| 140 | 1 | 2-308-14-D-1P |
| 140 | 1 | 2-309-14-D-1P |

CHAIN SAW FILES

Chain-Saw File, Box of 6 Files



168-6 

| inch/mm-Ø |  |  |
|-----------|---|---|
| 8/200-4,0 | 6 | 168-8-4.0-6 |
| 8/200-4,5 | 6 | 168-8-4.5-6 |
| 8/200-4,8 | 6 | 168-8-4.8-6 |
| 8/200-5,2 | 6 | 168-8-5.2-6 |
| 8/200-5,5 | 6 | 168-8-5.5-6 |

Flat Chain-Saw File, Single Pack, Carded, Ergo Handle





166-2  

| inch/mm |  |  |
|---------|---|---|
| 6/150 | 5 | 166-6-16-2.5-2 |

Flat Chain-Saw Files, Industry Pack, Unhandled



166/167-12 

| inch/mm |  |  |
|---------|---|---|
| 8/200 | 12 | 167-8-21-3.2-12 |
| 6/150 | 12 | 166-6-16-2.5-12 |

Chain-Saw Files, Set





168-C  

| inch/mm-Ø |  |  |
|-----------|---|---|
| 8/200-4,0 | 1 | 168-COMBI-4.0 |
| 8/200-4,8 | 1 | 168-COMBI-4.8 |
| 8/200-5,5 | 1 | 168-COMBI-5.5 |

Chain-Saw Files, Set Including Filing Guide



168-C-G  



| inch/mm-Ø |  |  |
|-----------|---|---|
| 8/200-4,0 | 1 | 168-COMBI-4.0-6922 |
| 8/200-4,8 | 1 | 168-COMBI-4.8-6920 |
| 8/200-5,5 | 1 | 168-COMBI-5.5-6924 |

RASPS

Half-Round Rasp, Industry Pack, Unhandled





6-342...-0 

| inch/mm-size |  |  |
|--------------|---|---|
| 6/150-2 | 10 | 6-342-06-2-0 |
| 8/200-1 | 10 | 6-342-08-1-0 |
| 8/200-2 | 10 | 6-342-08-2-0 |
| 10/250-1 | 10 | 6-342-10-1-0 |
| 10/250-2 | 10 | 6-342-10-2-0 |
| 12/300-1 | 5 | 6-342-12-1-0 |
| 12/300-2 | 5 | 6-342-12-2-0 |

Half-Round Rasp, Single Pack, Carded, Ergo Handle





6-342...-2  

| inch/mm-size |  |  |
|--------------|---|---|
| 6/150-2 | 5 | 6-342-06-2-2 |
| 8/200-1 | 5 | 6-342-08-1-2 |
| 8/200-2 | 5 | 6-342-08-2-2 |
| 10/250-1 | 5 | 6-342-10-1-2 |
| 10/250-2 | 5 | 6-342-10-2-2 |
| 12/300-2 | 5 | 6-342-12-2-2 |

Cabinet Rasp, Industry Pack, Unhandled





6-343...-0 

| inch/mm-size |  |  |
|--------------|---|---|
| 8/200-2 | 10 | 6-343-08-2-0 |
| 8/200-3 | 10 | 6-343-08-3-0 |
| 10/250-2 | 10 | 6-343-10-2-0 |
| 10/250-3 | 10 | 6-343-10-3-0 |
| 12/300-2 | 5 | 6-343-12-2-0 |
| 12/300-3 | 5 | 6-343-12-3-0 |

Cabinet Rasp, Single Pack, Carded, Ergo Handle





6-343...-2  

| inch/mm-size |  |  |
|--------------|---|---|
| 8/200-2 | 5 | 6-343-08-2-2 |
| 10/250-2 | 5 | 6-343-10-2-2 |

Hand Rasp, Single Pack, Carded, Ergo Handle





6-344...-2  

| inch/mm-size |  |  |
|--------------|---|---|
| 8/200-2 | 5 | 6-344-08-2-2 |
| 10/250-2 | 5 | 6-344-10-2-2 |

Round Rasps, Industry Pack, Unhandled





6-345...-0 

| inch/mm-size |  |  |
|--------------|---|---|
| 8/200-2 | 10 | 6-345-08-2-0 |
| 10/250-2 | 10 | 6-345-10-2-0 |

Round Rasp, Single Pack, Carded, Ergo Handle



6-345...-2  



| inch/mm-size |  |  |
|--------------|---|---|
| 8/200-1 | 5 | 6-345-08-1-2 |
| 8/200-2 | 5 | 6-345-08-2-2 |
| 10/250-1 | 5 | 6-345-10-1-2 |

▶ SPANNERS

Double Open-End Spanner, Imperial, inch



6Z

| inch |  |  |
|--------------|---|---|
| 1/4x5/16 | 5 | 6Z-1/4-5/16 |
| 5/16x11/32 | 5 | 6Z-5/16-11/32 |
| 3/8x7/16 | 5 | 6Z-3/8-7/16 |
| 7/16x1/2 | 5 | 6Z-7/16-1/2 |
| 1/2x9/16 | 5 | 6Z-1/2-9/16 |
| 9/16x5/8 | 5 | 6Z-9/16-5/8 |
| 19/32x11/16 | 5 | 6Z-19/32-11/16 |
| 5/8x3/4 | 5 | 6Z-5/8-3/4 |
| 11/16x3/4 | 5 | 6Z-11/16-3/4 |
| 3/4x7/8 | 5 | 6Z-3/4-7/8 |
| 25/32x13/16 | 5 | 6Z-25/32-13/16 |
| 13/16x7/8 | 5 | 6Z-13/16-7/8 |
| 7/8x15/16 | 5 | 6Z-7/8-15/16 |
| 15/16x1 | 5 | 6Z-15/16-1 |
| 1x1.1/8 | 1 | 6Z-1-1.1/8 |
| 1.1/16x1.1/4 | 1 | 6Z-1.1/16-1.1/4 |
| 1.1/4x1.3/8 | 1 | 6Z-1.1/4-1.3/8 |

Double Open-End Spanner Set, Imperial, inch





6Z/

| inch |  |  |
|-------|---|---|
| 1/4-1 | 1 | 6Z/8T |

Lilliput Double Open-End Spanner, mm



1931M

| mm |  |  |
|-----|---|---|
| 4 | 5 | 1931M-4 |
| 4,5 | 5 | 1931M-4.5 |
| 5 | 5 | 1931M-5 |
| 5,5 | 5 | 1931M-5.5 |
| 6 | 5 | 1931M-6 |
| 7 | 5 | 1931M-7 |
| 8 | 5 | 1931M-8 |
| 9 | 5 | 1931M-9 |
| 10 | 5 | 1931M-10 |
| 11 | 5 | 1931M-11 |
| 12 | 5 | 1931M-12 |
| 13 | 5 | 1931M-13 |
| 14 | 5 | 1931M-14 |
| 17 | 5 | 1931M-17 |

Lilliput Double Open-End Spanner Set, mm





1931M/

| inch |  |  |
|------|---|---|
| 4-11 | 1 | 1931M/10T |

Lilliput Double Open-End Spanners, Imperial, inch



1931Z

| inch |  |  |
|-------|---|---|
| 5/32 | 5 | 1931Z-5/32 |
| 3/16 | 5 | 1931Z-3/16 |
| 13/64 | 5 | 1931Z-13/64 |
| 7/32 | 5 | 1931Z-7/32 |
| 1/4 | 5 | 1931Z-1/4 |
| 9/32 | 5 | 1931Z-9/32 |
| 5/16 | 5 | 1931Z-5/16 |
| 11/32 | 5 | 1931Z-11/32 |
| 3/8 | 5 | 1931Z-3/8 |
| 7/16 | 5 | 1931Z-7/16 |
| 1/2 | 5 | 1931Z-1/2 |
| 9/16 | 5 | 1931Z-9/16 |
| 5/8 | 5 | 1931Z-5/8 |

Lilliput Double Open-End Spanner Set, Imperial, inch



1931Z/

| inch |  |  |
|----------|---|---|
| 5/32-5/8 | 1 | 1931Z/12T |

Electronic Double Open-End Spanner Set, Metric, mm





1933M/

| mm |  |  |
|-----|---|---|
| 4-7 | 1 | 1933M/6T |

Open-Ring Spanner, Metric, mm



1950M 

| mm |  |  |
|----------|---|---|
| 10 (1/4) | 1 | 1950M-10 |
| 12 (1/4) | 1 | 1950M-12 |
| 13 (1/4) | 1 | 1950M-13 |
| 14 (1/4) | 1 | 1950M-14 |
| 17 (3/8) | 1 | 1950M-17 |
| 19 (3/8) | 1 | 1950M-19 |
| 21 (3/8) | 1 | 1950M-21 |
| 22 (3/8) | 1 | 1950M-22 |
| 24 (3/8) | 1 | 1950M-24 |
| 26 (3/8) | 1 | 1950M-26 |
| 27 (3/8) | 1 | 1950M-27 |
| 30 (1/2) | 1 | 1950M-30 |
| 32 (1/2) | 1 | 1950M-32 |
| 36 (1/2) | 1 | 1950M-36 |
| 41 (1/2) | 1 | 1950M-41 |
| 46 (1/2) | 1 | 1950M-46 |

COMBINATION SPANNERS

Combination Spanner, Offset, Metric, mm



111M

| mm | | |
|-----|----|------------|
| 5,5 | 10 | 111M-5,5 |
| 6 | 10 | 111M-6 |
| 7 | 10 | 111M-7 |
| 8 | 10 | 111M-8 |
| 9 | 10 | 111M-9 |
| 10 | 10 | 111M-10 |
| 11 | 10 | 111M-11 |
| 12 | 10 | 111M-12 |
| 13 | 10 | 111M-13 |
| 14 | 10 | 111M-14 |
| 15 | 10 | 111M-15 |
| 16 | 10 | 111M-16 |
| 17 | 10 | 111M-17 |
| 18 | 10 | 111M-18 |
| 19 | 10 | 111M-19 |
| 20 | 10 | 111M-20 |
| 21 | 10 | 111M-21 |
| 22 | 5 | 111M-22 |
| 23 | 5 | 111M-23 |
| 24 | 5 | 111M-24 |
| 25 | 5 | 111M-25 |
| 26 | 5 | 111M-26 |
| 27 | 5 | 111M-27 |
| 28 | 5 | 111M-28 |
| 29 | 5 | 111M-29 |
| 30 | 5 | 111M-30 |
| 32 | 5 | 111M-32 |
| 34 | 5 | 111M-34 |
| | | |
| 5,5 | 1 | SB111M-5,5 |
| 6 | 1 | SB111M-6 |
| 7 | 1 | SB111M-7 |
| 8 | 1 | SB111M-8 |
| 9 | 1 | SB111M-9 |
| 10 | 1 | SB111M-10 |
| 11 | 1 | SB111M-11 |
| 12 | 1 | SB111M-12 |
| 13 | 1 | SB111M-13 |
| 14 | 1 | SB111M-14 |
| 15 | 1 | SB111M-15 |
| 16 | 1 | SB111M-16 |
| 17 | 1 | SB111M-17 |
| 18 | 1 | SB111M-18 |
| 19 | 1 | SB111M-19 |
| 20 | 1 | SB111M-20 |
| 21 | 1 | SB111M-21 |
| 22 | 1 | SB111M-22 |
| 23 | 1 | SB111M-23 |
| 24 | 1 | SB111M-24 |
| 25 | 1 | SB111M-25 |
| 26 | 1 | SB111M-26 |
| 27 | 1 | SB111M-27 |
| 28 | 1 | SB111M-28 |
| 29 | 1 | SB111M-29 |
| 30 | 1 | SB111M-30 |
| 32 | 1 | SB111M-32 |
| 34 | 1 | SB111M-34 |

Combination Spanner Set, Offset, Metric, mm



111M/11T



111M/10



111M/SH12



111M/SH6

111M/

| mm | | |
|------|---|-----------|
| 8-22 | 1 | 111M/7T |
| 8-22 | 1 | 111M/11T |
| 6-32 | 1 | 111M/14T |
| 6-22 | 1 | 111M/17T |
| 6-32 | 1 | 111M/26T |
| 8-22 | 1 | 111M/10 |
| 8-17 | 1 | 111M/SH6 |
| 8-19 | 1 | 111M/SH12 |

Set of Combination Spanners, Offset, in Metric Sizes



BS20/

| mm | | |
|------|---|----------|
| 8-22 | 1 | BS20/S10 |

Combination Spanner



S20

| mm, inch | | |
|----------|---|--------------|
| 6 | 1 | SBS20-6 |
| 7 | 1 | SBS20-7 |
| 8 | 1 | SBS20-8 |
| 9 | 1 | SBS20-9 |
| 10 | 1 | SBS20-10 |
| 11 | 1 | SBS20-11 |
| 12 | 1 | SBS20-12 |
| 13 | 1 | SBS20-13 |
| 14 | 1 | SBS20-14 |
| 15 | 1 | SBS20-15 |
| 16 | 1 | SBS20-16 |
| 17 | 1 | SBS20-17 |
| 18 | 1 | SBS20-18 |
| 19 | 1 | SBS20-19 |
| 20 | 1 | SBS20-20 |
| 21 | 1 | SBS20-21 |
| 22 | 1 | SBS20-22 |
| 24 | 1 | SBS20-24 |
| 27 | 1 | SBS20-27 |
| 30 | 1 | SBS20-30 |
| 32 | 1 | SBS20-32 |
| | | |
| 1/4 | 1 | SBS20-1/4 |
| 5/16 | 1 | SBS20-5/16 |
| 3/8 | 1 | SBS20-3/8 |
| 7/16 | 1 | SBS20-7/16 |
| 1/2 | 1 | SBS20-1/2 |
| 9/16 | 1 | SBS20-9/16 |
| 5/8 | 1 | SBS20-5/8 |
| 11/16 | 1 | SBS20-11/16 |
| 3/4 | 1 | SBS20-3/4 |
| 13/16 | 1 | SBS20-13/16 |
| 7/8 | 1 | SBS20-7/8 |
| 15/16 | 1 | SBS20-15/16 |
| 1 | 1 | SBS20-1 |
| 1.1/16 | 1 | SBS20-1.1/16 |
| 1.1/8 | 1 | SBS20-1.1/8 |
| 1.1/4 | 1 | SBS20-1.1/4 |
| 1.5/16 | 1 | SBS20-1.5/16 |

Diesel Injection Socket, 1/2", mm



7807

| mm | | |
|----|---|------|
| 27 | 1 | 7807 |

SOCKET DRIVERS 1/2"

Socket Drivers 1/2", for Slotted Screws, mm



7809F

| mm | | |
|----|---|----------|
| 8 | 5 | 7809F-8 |
| 10 | 5 | 7809F-10 |

Socket Drivers 1/2", for PHILLIPS® Screws



7809PH

| PH | | |
|----|---|----------|
| 2 | 5 | 7809PH-2 |
| 3 | 5 | 7809PH-3 |
| 4 | 5 | 7809PH-4 |

Socket Drivers 1/2", for POZIDRIV® Screws



7809PZ

| PZ | | |
|----|---|----------|
| 2 | 5 | 7809PZ-2 |
| 3 | 5 | 7809PZ-3 |
| 4 | 5 | 7809PZ-4 |

Socket Drivers 1/2", for TORX® Screws



7809TORX

| T | | |
|-----|---|----------------|
| T20 | 5 | 7809TORX-T20 |
| T25 | 5 | 7809TORX-T25 |
| T27 | 5 | 7809TORX-T27 |
| T30 | 5 | 7809TORX-T30 |
| T40 | 5 | 7809TORX-T40 |
| T45 | 5 | 7809TORX-T45 |
| T50 | 5 | 7809TORX-T50 |
| T55 | 5 | 7809TORX-T55 |
| T60 | 5 | 7809TORX-T60 |
| T20 | 1 | SB7809TORX-T20 |
| T25 | 1 | SB7809TORX-T25 |
| T27 | 1 | SB7809TORX-T27 |
| T30 | 1 | SB7809TORX-T30 |
| T40 | 1 | SB7809TORX-T40 |
| T45 | 1 | SB7809TORX-T45 |
| T50 | 1 | SB7809TORX-T50 |
| T55 | 1 | SB7809TORX-T55 |
| T60 | 1 | SB7809TORX-T60 |

Socket Drivers 1/2", Hex Head Driver



7809M

| mm | | |
|----|---|----------------|
| 5 | 5 | 7809M-5 |
| 5 | 5 | 7809M-5-180 |
| 6 | 5 | 7809M-6 |
| 6 | 5 | 7809M-6-140 |
| 7 | 5 | 7809M-7 |
| 7 | 5 | 7809M-7-100 |
| 8 | 5 | 7809M-8 |
| 8 | 5 | 7809M-8-120 |
| 9 | 5 | 7809M-9 |
| 10 | 5 | 7809M-10 |
| 10 | 5 | 7809M-10-140 |
| 12 | 5 | 7809M-12 |
| 14 | 5 | 7809M-14 |
| 17 | 5 | 7809M-17 |
| 19 | 5 | 7809M-19 |
| 5 | 1 | SB7809M-5 |
| 5 | 1 | SB7809M-5-180 |
| 6 | 1 | SB7809M-6 |
| 6 | 1 | SB7809M-6-140 |
| 7 | 1 | SB7809M-7 |
| 7 | 1 | SB7809M-7-100 |
| 8 | 1 | SB7809M-8 |
| 8 | 1 | SB7809M-8-120 |
| 9 | 1 | SB7809M-9 |
| 10 | 1 | SB7809M-10 |
| 10 | 1 | SB7809M-10-140 |
| 12 | 1 | SB7809M-12 |
| 14 | 1 | SB7809M-14 |
| 17 | 1 | SB7809M-17 |
| 19 | 1 | SB7809M-19 |

Socket Drivers 1/2", for Hex Head Driver



7809Z

| inch | | |
|-------|---|-------------|
| 3/16 | 5 | 7809Z-3/16 |
| 1/4 | 5 | 7809Z-1/4 |
| 5/16 | 5 | 7809Z-5/16 |
| 3/8 | 5 | 7809Z-3/8 |
| 7/16 | 5 | 7809Z-7/16 |
| 1/2 | 5 | 7809Z-1/2 |
| 9/16 | 5 | 7809Z-9/16 |
| 19/32 | 5 | 7809Z-19/32 |
| 5/8 | 5 | 7809Z-5/8 |

Socket Drivers, 1/2", for Multiple Screws XZN



7809XZN

| mm | | |
|----|---|----------------|
| 8 | 1 | 7809XZN-8 |
| 8 | 1 | 7809XZN-8-100 |
| 10 | 1 | 7809XZN-10 |
| 10 | 1 | 7809XZN-10-100 |
| 12 | 1 | 7809XZN-12 |
| 12 | 1 | 7809XZN-12-100 |
| 14 | 1 | 7809XZN-14 |
| 14 | 1 | 7809XZN-14-100 |

ACCESSORIES 1/2"

Ergonomic Reversible Ratchet, ERGO®



8155-1/2

| mm | | |
|-----|---|------------|
| 260 | 1 | 8155-1/2 |
| 260 | 1 | SB8155-1/2 |

Screwdriver for POZIDRIV® Head
Screws, Stubby Type, PZ - mm



BE-8801/BE-8802 ergo®

| PZ-mm | | |
|-------|---|---------|
| 1-25 | 5 | BE-8801 |
| 2-25 | 5 | BE-8802 |

TORX® Screwdriver, T



BE-8904 - BE-8945 ergo®

| T | | |
|--------|---|---------|
| 4x75 | 5 | BE-8904 |
| 5x75 | 5 | BE-8905 |
| 6x75 | 5 | BE-8906 |
| 7x75 | 5 | BE-8907 |
| 8x75 | 5 | BE-8908 |
| 9x75 | 5 | BE-8909 |
| 10x75 | 5 | BE-8910 |
| 15x100 | 5 | BE-8915 |
| 20x100 | 5 | BE-8920 |
| 25x125 | 5 | BE-8925 |
| 27x125 | 5 | BE-8927 |
| 30x150 | 5 | BE-8930 |
| 40x150 | 5 | BE-8940 |
| 45x150 | 5 | BE-8945 |

Screwdriver for TORX® Screws, Tamper
Resistant, T



BE-7907 - BE-7940 ergo®

| T | | |
|--------|---|---------|
| 7x75 | 5 | BE-7907 |
| 8x75 | 5 | BE-7908 |
| 9x75 | 5 | BE-7909 |
| 10x75 | 5 | BE-7910 |
| 15x100 | 5 | BE-7915 |
| 20x100 | 5 | BE-7920 |
| 25x125 | 5 | BE-7925 |
| 27x125 | 5 | BE-7927 |
| 30x150 | 5 | BE-7930 |
| 40x150 | 5 | BE-7940 |

TORX® Screwdriver



BE-7705 ergo®

| T | | |
|----------|---|---------|
| PLUS TX5 | 5 | BE-7705 |

Hexagon Screwdriver, mm



BE-8702 - BE-8710 ergo®

| mm | | |
|---------|---|---------|
| 2x100 | 5 | BE-8702 |
| 2,5x100 | 5 | BE-8725 |
| 3x100 | 5 | BE-8703 |
| 4x100 | 5 | BE-8704 |
| 5x100 | 5 | BE-8705 |
| 6x125 | 5 | BE-8706 |
| 8x150 | 5 | BE-8708 |
| 10x150 | 5 | BE-8710 |

Screwdriver, Robertson, R - mm



BE-9001 - BE-9003 ergo®

| R-mm | | |
|------|---|---------|
| 1x80 | 1 | BE-9001 |
| 2x80 | 1 | BE-9002 |
| 3x80 | 1 | BE-9003 |

Torq-set screwdriver



BE-8080 ergo®

| T | | |
|--------|---|------------|
| 1x75 | 5 | BE-8080-1 |
| 2x75 | 5 | BE-8080-2 |
| 3x75 | 5 | BE-8080-3 |
| 4x75 | 5 | BE-8080-4 |
| 5x75 | 5 | BE-8080-5 |
| 6x75 | 5 | BE-8080-6 |
| 8x100 | 5 | BE-8080-8 |
| 10x100 | 5 | BE-8080-10 |

Awl Screwdriver, Ø mm



BE-8985 ergo®

| mm | | |
|-----------|---|---------|
| 6,0 x 100 | 5 | BE-8985 |

Reamer, Ø mm



BE-8980 ergo®

| mm | | |
|-----------|---|---------|
| 6,0 x 100 | 5 | BE-8980 |

Insulated Screwdriver up to 1000 Volts,
mm



BE-8010S - BE-8065S ergo®

| mm | | |
|-------------|---|----------|
| 0,4x2,5x75 | 5 | BE-8010S |
| 0,5x3x100 | 5 | BE-8220S |
| 0,6x3,5x100 | 5 | BE-8230S |
| 0,8x4x100 | 5 | BE-8040S |
| 1,0x5,5x125 | 5 | BE-8050S |
| 1,2x6,5x150 | 5 | BE-8255S |
| 1,2x8x175 | 5 | BE-8065S |

Insulated Screwdriver up to 1000 Volts,
PHILLIPS®, PH mm



BE-8600S - BE-8640S ergo®

| PH-mm | | |
|-------|---|----------|
| 0-60 | 5 | BE-8600S |
| 1-80 | 5 | BE-8610S |
| 2-100 | 5 | BE-8620S |
| 3-150 | 5 | BE-8630S |
| 4-200 | 5 | BE-8640S |



ERGO SCREWDRIVERS

Insulated Screwdriver up to 1000 Volts, POZIDRIV® Screws, PZ mm



BE-8800S - BE-8840S ergo®

| PZ-mm | | |
|-------|---|----------|
| 0-60 | 5 | BE-8800S |
| 1-80 | 5 | BE-8810S |
| 2-100 | 5 | BE-8820S |
| 3-150 | 5 | BE-8830S |
| 4-200 | 5 | BE-8840S |

Insulated Screwdriver up to 1000 Volts, TORX® Head Screws, T mm



BE-8910S - BE-8930S ergo®

| T-mm | | |
|--------|---|----------|
| 10-100 | 5 | BE-8910S |
| 15-125 | 5 | BE-8915S |
| 20-125 | 5 | BE-8920S |
| 25-150 | 5 | BE-8925S |
| 30-175 | 5 | BE-8930S |

Insulated Screwdriver up to 1000 Volts, mm



BE-8725S - BE-8708S ergo®

| mm | | |
|--------|---|----------|
| 2,5x75 | 5 | BE-8725S |
| 3x75 | 5 | BE-8703S |
| 4x80 | 5 | BE-8704S |
| 5x100 | 5 | BE-8705S |
| 6x150 | 5 | BE-8706S |
| 8x200 | 5 | BE-8708S |

Bit Holder Female Hexagon 1/4", mm



BE-8577 ergo®

| mm | | |
|-----|---|---------|
| 118 | 5 | BE-8577 |

Screwdriver Set, 6 piece for Slotted and PHILLIPS® Screws, mm/PH



BE-9881 ergo®

| mm/PH | | |
|---------------------|---|---------|
| 0,5-0,8-1-1,2/PH1-2 | 1 | BE-9881 |

Screwdriver Set, 6 piece, POZIDRIV®, mm/PZ



BE-9882 ergo®

| mm/PZ | | |
|---------------------|---|---------|
| 0,5-0,8-1-1,2/PZ1-2 | 1 | BE-9882 |

Screwdriver Set, 6 piece, POZIDRIV®, TORX®, PZ TORX®



BE-9883 ergo®

| PZ TORX | | |
|----------------|---|---------|
| 1-2-3/10-15-25 | 1 | BE-9883 |

Screwdriver Set, 5 piece, TORX®



BE-9885 ergo®

| TORX | | |
|----------------|---|---------|
| 10-15-20-25-30 | 1 | BE-9885 |

Screwdriver Set, 6 piece, for Slotted, PHILLIPS®, POZIDRIV® Head Screws



BE-9886 ergo®

| mm PH PZ | | |
|-------------------|---|---------|
| 0,6-1/PH1-2/PZ1-2 | 1 | BE-9886 |

Screwdriver Set, 5 piece, for POZIDRIV®, TORX® Head Screws



BE-9889 ergo®

| PZ TORX | | |
|--------------|---|---------|
| 1-2/10-15-25 | 1 | BE-9889 |

VDE INSULATED TOOL SETS

Cable Knife with Protective Cap, mm



2820VDE EN60900

| | | |
|-----|---|---------|
| mm | | |
| 180 | 1 | 2820VDE |

Electrician's Tool Set, Insulated Tools up to 1000V



3045/1VDE EN60900

| | | |
|--|---|-----------|
| | | |
| | 1 | 3045/1VDE |

Set of Insulated Pliers for Electricians



3048VDE EN60900

| | | |
|--|---|---------|
| | | |
| | 1 | 3048VDE |

CONNECTING / ADJUSTING PLIERS

Connector Pliers, mm



7835G ergo®

| | | |
|-----|----|------------|
| mm | | |
| 160 | 10 | 7835 G-160 |

Adjusting Pliers, Chrome-Plated, mm



2713A

| | | |
|-----|---|--------|
| mm | | |
| 140 | 1 | 2713 A |

FINE MECHANICAL CUTTERS AND PLIERS

Side Cutters, mm/cut



4130, 4131 ergo®

| | | |
|-----------|---|------|
| mm/cut | | |
| 0,3-1,5/M | 3 | 4130 |
| 0,3-1,5/F | 3 | 4131 |

Oblique Cutters, mm/cut



4231 ergo®

| | | |
|------------|---|------|
| mm/cut | | |
| 0,3-1,25/S | 3 | 4231 |

Oblique Cutters, 45°, mm/cut



4239 ergo®

| | | |
|-----------|---|------|
| mm/cut | | |
| 0,3-1,0/S | 3 | 4239 |

Flat Nose Pliers, mm



4430 ergo®

| | | |
|----|---|------|
| mm | | |
| 26 | 3 | 4430 |

Snipe Nose Pliers, mm



4830, 4831 ergo®

| | | |
|----|---|------|
| mm | | |
| 25 | 3 | 4830 |
| 25 | 3 | 4831 |

Snipe Nose Pliers, Bent Tip 60°, mm



4833 ergo®

| | | |
|----|---|------|
| mm | | |
| 23 | 3 | 4833 |





PIPE WRENCHES

Universal Wrenches, mm-inch



1410/1420

ergo®

| mm-inch | | |
|-------------|---|------|
| 335 - 1 | 1 | 1410 |
| 430 - 1 1/2 | 1 | 1420 |

Universal Wrenches, Chrome-Plated, mm-inch



1175

ergo®

| mm-inch | | |
|-------------|---|-----------|
| 335 - 1 | 1 | 1175-1 |
| 430 - 1 1/2 | 1 | 1175-11/2 |

Universal Wrenches, mm-inch



140-147

| mm-inch | | |
|-----------|---|-----|
| 215-3/4 | 1 | 140 |
| 280-1 | 1 | 141 |
| 370-1 1/2 | 1 | 142 |
| 555-2 1/2 | 1 | 143 |
| 720-3 1/2 | 1 | 144 |
| 1060-5 | 1 | 147 |

Corner Wrenches, mm-inch



442 B-444 B

| mm-inch | | |
|-----------|---|-------|
| 320-1 | 1 | 442 B |
| 430-2 | 1 | 443 B |
| 535-2 1/2 | 1 | 444 B |

Pipe Wrenches, Universal Model, mm-inch



DOW175

| mm-inch | | |
|-----------|---|--------------|
| 310-1 | 1 | DOW 175-1 |
| 420-1 1/2 | 1 | DOW 175-11/2 |
| 560-2 | 1 | DOW 175-2 |
| 655-3 | 1 | DOW 175-3 |

Corner Pipe Model, mm-inch



DOW176

| mm-inch | | |
|-----------|---|--------------|
| 314-1 | 1 | DOW 176-1 |
| 456-1 1/2 | 1 | DOW 176-11/2 |
| 570-2 | 1 | DOW 176-2 |

Combination Pipe Model, mm-inch



DOW177

| mm-inch | | |
|-----------|---|---------------|
| 320-1 | 1 | DOW 177-1/2-1 |
| 416-1 1/2 | 1 | DOW 177-11/2 |
| 535-2 | 1 | DOW 177-2 |

Universal Wrenches, mm-inch



341-344

| mm-inch | | |
|-----------|---|-----|
| 230-1/2 | 1 | 341 |
| 330-1 | 1 | 342 |
| 420-1 1/2 | 1 | 343 |

Stillson Pipe Wrenches



361

| length mm | | |
|-----------|---|--------|
| 200-8 | 1 | 361-8 |
| 250-10 | 1 | 361-10 |
| 300-12 | 1 | 361-12 |
| 350-14 | 1 | 361-14 |
| 450-18 | 1 | 361-18 |
| 600-24 | 1 | 361-24 |
| 900-36 | 1 | 361-36 |

Chain Strap Wrench



370

| length mm | | |
|-----------|---|-------|
| 300 | 1 | 370-4 |

Basin Wrench



363

| mm | | |
|---------|---|--------|
| 280-460 | 1 | 363-32 |

Plastic Strap Wrench



375

| mm | | |
|----|---|-------|
| 8 | 1 | 375-8 |



REAMERS

Pen Reamer



316-1/316-2

| mm | | |
|-----|----|-------|
| 143 | 1 | 316-1 |
| 150 | 12 | 316-2 |



Diagonal Cutter, Oval Head



2646M - 2649

| mm/cut | | |
|-------------|---|---------|
| 0,1-0,8/U | 1 | 2646 M |
| 0,2-1,25/M | 1 | 2646 R |
| 0,2-1,25/M* | 1 | 2646 RK |
| 0,1-1,0/U | 1 | 2646 RA |
| 0,3-1,6/M | 1 | 2666 |
| 0,4-2,0/M | 1 | 2649 |

Diagonal Cutter, Tapered Head



2646 - 2648A

| mm/cut | | |
|-------------|---|----------|
| 0,2-1,25/M | 1 | 2646 |
| 0,2-1,25/M* | 1 | 2646 K |
| 0,1-1,0/U | 1 | 2646 A |
| 0,1-1,0/U* | 1 | 2646 AK |
| 0,2-1,25/U | 1 | 2666 FK |
| 0,2-1,25/U* | 1 | 2666 FKK |
| 0,4-2,0/M | 1 | 2648 |
| 0,3-1,6/U | 1 | 2648 A |

Oblique Cutter 45°, Long Head



2787F

| mm/cut | | |
|-----------|---|--------|
| 0,2-1,0/F | 1 | 2787 F |

Oblique Cutter 45°, Long Head Relieved



2787G

| mm/cut | | |
|-----------|---|--------|
| 0,2-0,8/F | 1 | 2787 G |

End Cutters



2656/2656A

| mm/cut | | |
|------------|---|--------|
| 0,35-0,8/F | 1 | 2656 |
| 0,35-0,8/U | 1 | 2656 A |

Micro Shears



A 2647S

| mm/cut | | |
|--------|---|----------|
| 11/F | 1 | A 2647 S |

Flat Nose Plier



2646MF

| mm | | |
|----|---|---------|
| 20 | 1 | 2646 MF |

Round Nose Plier



2646MT

| mm | | |
|----|---|---------|
| 20 | 1 | 2646 MT |

Chain Nose Plier



2646MS

| mm | | |
|----|---|---------|
| 20 | 1 | 2646 MS |

Snipe Nose Pliers



2656S

| mm | | |
|----|---|--------|
| 32 | 1 | 2656 S |

Snipe Nose Pliers, Bent Tip 60°



2656R

| mm | | |
|----|---|--------|
| 29 | 1 | 2656 R |



BENCH VICES

Bench Vices



834V

| mm | | |
|-----|---|--------|
| 63 | 1 | 834V-2 |
| 100 | 1 | 834V-4 |
| 125 | 1 | 834V-5 |
| 150 | 1 | 834V-6 |
| 175 | 1 | 834V-7 |

Vice Bases



833SB

| mm | | |
|-----|---|---------|
| 100 | 1 | 833SB-4 |
| 125 | 1 | 833SB-5 |
| 150 | 1 | 833SB-6 |
| 175 | 1 | 833SB-7 |

Pipe Jaw Set



833P

| mm | | |
|---------|---|----------|
| 100 | 1 | 833PJ-4 |
| 125 | 1 | 833PJ-5 |
| 125/150 | 1 | 833PJ-67 |

Aluminium Jaws



833AJ

| mm | | |
|-----|---|---------|
| 100 | 1 | 833AJ-4 |
| 125 | 1 | 833AJ-5 |
| 150 | 1 | 833AJ-6 |

Fibre Jaws



833FJ

| mm | | |
|-----|---|---------|
| 100 | 1 | 833FJ-4 |
| 125 | 1 | 833FJ-5 |
| 150 | 1 | 833FJ-6 |



General Purpose Saw



300

| mm TPI | | |
|----------|---|------------------|
| 360-FT15 | 4 | 300-14-F15/16-HP |

Handsaw - Concrete/Carbide Tip



NP-CONC

| mm TPI | | |
|---------|---|---------------|
| 625-1.2 | 2 | NP-CONC |
| 625-1.2 | 2 | NP-CONC-17/34 |

OTHER HANDSAWS

Handsaw - Hardpoint



2500 XT

| mm-TPI | | |
|-----------|---|----------------|
| 400-11/12 | 4 | 2500-16-XT-HP |
| 475-9/10 | 4 | 2500-19-XT-HP |
| 550-9/10 | 4 | 2500-22-XT-HP |
| 600-7/8 | 4 | 2500-24-XT7-HP |

Handsaw for Medium to Thick Wood



244

| Length mm | | |
|-----------|----|----------------|
| 500-7/8 | 10 | 244-20-U7/8-HP |
| 550-7/8 | 10 | 244-22-U7/8-HP |

Handsaw for Medium to Thick Wood



244P

| Length mm | | |
|-----------|---|---------------|
| 500-7/8 | 4 | 244P-20-U7-HP |
| 550-7/8 | 4 | 244P-22-U7-HP |

Tenon Saw



316

| mm-TPI | | |
|-----------|---|---------------|
| 350-18/19 | 4 | 316-14-U18/19 |

General Purpose Saw



369

| mm-TPI | | |
|---------|----|-----------|
| 360-U13 | 4 | 369 |
| 360-U13 | 20 | 369-BLADE |

Musical Saw



296

| mm | | |
|-----|---|-----|
| 750 | 1 | 296 |

Foldable Saw, XT Tothing



396-HP

| mm | | |
|-----|---|--------------|
| 190 | 4 | 396-HP |
| 190 | 1 | 396-HP-BLADE |

Foldable Saw, XT Tothing, Special Coating



396-LAP

| mm | | |
|-----------|----|---------|
| 230/405-7 | 10 | 396-LAP |

MITRE GUIDE AND BOXES

Mitre Box



233

| mm | | |
|------------|---|-----------|
| 300x104x50 | 5 | 233-300 |
| 400x104x50 | 5 | 233-400 |
| 300x104x50 | 5 | 233-300-A |

Aluminium Mitre Box



234-A

| mm | | |
|------------|---|--------|
| 245x60x45 | 1 | 234-A1 |
| 245x100x30 | 1 | 234-A2 |

Mitre Box



234-W

| mm | | |
|-----------|----|--------|
| 245x53x40 | 10 | 234-W1 |
| 300x70x50 | 10 | 234-W2 |
| 300x70x65 | 10 | 234-W3 |

COPING SAWS

Coping Saw



301

| mm | | |
|-----|---|-----|
| 165 | 5 | 301 |

Spare Blade 301 Saw



303

| mm | | |
|-----|----|--------|
| 150 | 10 | 303-5P |

FRET SAWS AND BLADES

Fret Saw



302

| | | |
|-----|---|-----|
| mm | | |
| 130 | 5 | 302 |

Fret Saw



502

| | | |
|-----|---|-----|
| mm | | |
| 130 | 5 | 502 |

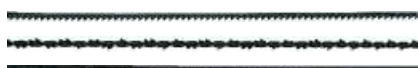
Fret Saw Set



502/

| | | |
|---|--|----------|
| | | |
| 5 | | 502-SET2 |
| 5 | | 502-SET6 |

Assortment of Spareblades for Junior Saws



302-6X4P

| | | |
|-----|---|----------|
| mm | | |
| 130 | 1 | 302-6X4P |

Spare Blades: 1 Fine, 3-5 Medium, 7 Coarse



302M

| | | |
|-------|---|-------------|
| Teeth | | |
| 1 | 1 | 302-71M-12P |
| 3 | 1 | 302-73M-12P |
| 5 | 1 | 302-75M-12P |
| 7 | 1 | 302-77M-12P |

Spare Blades - Wood/Plastic: 1 Fine, 3 Medium, 5 Coarse



302S

| | | |
|-------|---|-------------|
| Teeth | | |
| 1 | 1 | 302-81S-12P |
| 3 | 1 | 302-83S-12P |
| 5 | 1 | 302-85S-12P |

Spare Blades - Wood/Plastic: 1-3 Fine, 5-7 Medium, 9-11 Coarse



302W

| | | |
|-------|---|--------------|
| Teeth | | |
| 1 | 1 | 302-51W-12P |
| 3 | 1 | 302-53W-12P |
| 5 | 1 | 302-55W-12P |
| 7 | 1 | 302-57W-12P |
| 9 | 1 | 302-59W-12P |
| 11 | 1 | 302-511W-12P |

BOW SAWS

Bow Saw for Green and Dry Wood: 23 - Green Wood/ 51- Dry Wood



10 ergo®

| | | |
|-----|---|----------|
| mm | | |
| 530 | 5 | 10-21-51 |
| 610 | 5 | 10-24-23 |
| 610 | 5 | 10-24-51 |
| 760 | 5 | 10-30-23 |
| 760 | 5 | 10-30-51 |

Bow Saw



332 ergo®

| | | |
|-----|---|-----------|
| mm | | |
| 530 | 5 | 332-21-51 |

Bow Saw with Reversible Blade



2-21-51

| | | |
|-----|----|---------|
| mm | | |
| 530 | 10 | 2-21-51 |

Bow Saw with Reversible Blade



3-24-51

| | | |
|-----|----|---------|
| mm | | |
| 607 | 10 | 3-24-51 |

Bow Saw



331

| | | |
|-----|---|--------------|
| mm | | |
| 530 | 5 | 331-21-51-KP |

Professional Bow Saw: 23 - Raker Toothed Blade



SE-15-16

| | | |
|-----|---|-------------|
| mm | | |
| 530 | 5 | SE-16-21 |
| 530 | 5 | SE-16-21-23 |
| 610 | 5 | SE-15-24 |
| 760 | 5 | SE-15-30 |
| 760 | 5 | SE-15-30-23 |
| 810 | 5 | SE-15-32 |
| 910 | 5 | SE-15-36 |
| 910 | 5 | SE-15-36-23 |

Bow Saw with Reversible Blade



333

| | | |
|-----|---|-----|
| mm | | |
| 350 | 5 | 333 |

BOW SAW BLADES

Spare Blade Bow Saws - Dry Wood;
59-30 Fine Toothing



51/59

| mm | | |
|-----|----|-------|
| 320 | 10 | 51-12 |
| 530 | 10 | 51-21 |
| 607 | 10 | 51-24 |
| 759 | 10 | 51-30 |
| 810 | 10 | 51-32 |
| 912 | 10 | 51-36 |
| 759 | 10 | 59-30 |

Spare Blades Bow Saw - Green Wood



23

| mm | | |
|-----|----|-------|
| 378 | 10 | 23-15 |
| 530 | 10 | 23-21 |
| 607 | 10 | 23-24 |
| 759 | 10 | 23-30 |
| 810 | 10 | 23-32 |
| 912 | 10 | 23-36 |

Bow Saw Blade: Green Wood



333-5

| mm | | |
|-----|----|-------|
| 350 | 10 | 333-5 |

CIRCULAR SAW BLADES

Circular Saw Blades, Wood



8501

| mm-toothing | | |
|-------------|---|---------|
| 125x20-16 | 1 | 8501-2 |
| 130x20-16 | 1 | 8501-3 |
| 140x20-16 | 1 | 8501-4 |
| 150x20-18 | 1 | 8501-5 |
| 160x20-18 | 1 | 8501-7 |
| 170x30-18 | 1 | 8501-10 |
| 180x30-20 | 1 | 8501-12 |
| 184x30-24 | 1 | 8501-13 |
| 190x30-20 | 1 | 8501-15 |
| 200x30-20 | 1 | 8501-16 |
| 210x30-20 | 1 | 8501-17 |
| 230x30-20 | 1 | 8501-22 |
| 235x30-30 | 1 | 8501-23 |
| 250x30-24 | 1 | 8501-28 |
| 300x30-30 | 1 | 8501-30 |
| 315x30-30 | 1 | 8501-31 |
| 400x30-40 | 1 | 8501-40 |

Circular Saw Blades, Precision Cut,
Wood; XF=Extra Fine Toothing



8501-F / -XF

| mm-toothing | | |
|-------------|---|-----------|
| 140x20-24 | 1 | 8501-4F |
| 140x20-30 | 1 | 8501-4XF |
| 150x20-30 | 1 | 8501-5F |
| 160x20-30 | 1 | 8501-7F |
| 170x30-30 | 1 | 8501-10F |
| 180x30-40 | 1 | 8501-12F |
| 184x30-40 | 1 | 8501-13F |
| 190x30-40 | 1 | 8501-15F |
| 200x30-40 | 1 | 8501-16F |
| 210x30-40 | 1 | 8501-17F |
| 230x30-40 | 1 | 8501-22F |
| 235x30-40 | 1 | 8501-23F |
| 250x30-40 | 1 | 8501-28F |
| 250x30-60 | 1 | 8501-28XF |
| 300x30-40 | 1 | 8501-30F |
| 315x30-60 | 1 | 8501-30XF |
| 315x30-40 | 1 | 8501-31F |

Circular Saw Blades for Electrical Circular
Saw, Cemented-Carbide Tipped



8501-NC

| mm-toothing | | |
|-------------|---|-----------|
| 184x30-14 | 1 | 8501-13NC |

Circular Saw Blades for Electrical Circular
Saw, Cemented-Carbide Tipped



8501-C

| mm-toothing | | |
|-------------|---|-----------|
| 150x10-24 | 1 | 8501-150C |

Circular Saw Blades, Aluminium & Plastic



8501-S

| mm-toothing | | |
|-------------|---|----------|
| 210x30-48 | 1 | 8501-17S |
| 216x30-48 | 1 | 8501-18S |
| 250x30-80 | 1 | 8501-28S |
| 300x30-96 | 1 | 8501-30S |

Circular Saw Blades, 0° Toothing



8501-SW

| mm-toothing | | |
|-------------|---|-----------|
| 216x30 48 | 1 | 8501-18SW |
| 250x30 60 | 1 | 8501-28SW |
| 300x30 60 | 1 | 8501-30SW |

SCRAPERS

Ergonomic Paint Scraper with Holster



625 ergo®

| mm | | |
|----|---|-----|
| 25 | 5 | 625 |

Ergonomic Paint Scraper



650 ergo®

| mm | | |
|----|---|-----|
| 50 | 5 | 650 |



Chisels



414

| mm | | |
|----|---|--------|
| 6 | 4 | 414-6 |
| 8 | 4 | 414-8 |
| 10 | 4 | 414-10 |
| 12 | 4 | 414-12 |
| 14 | 4 | 414-14 |
| 15 | 4 | 414-15 |
| 16 | 4 | 414-16 |
| 18 | 4 | 414-18 |
| 20 | 4 | 414-20 |
| 22 | 4 | 414-22 |
| 25 | 4 | 414-25 |
| 28 | 4 | 414-28 |
| 30 | 4 | 414-30 |
| 32 | 4 | 414-32 |
| 35 | 4 | 414-35 |
| 38 | 4 | 414-38 |

Chisel Set



414-S

| mm | | |
|----------|---|------------|
| 12-18-25 | 1 | 414-S3-EUR |

Chisels - Wooden Handle



425

| mm | | |
|----|---|--------|
| 4 | 4 | 425-4 |
| 6 | 4 | 425-6 |
| 8 | 4 | 425-8 |
| 10 | 4 | 425-10 |
| 12 | 4 | 425-12 |
| 14 | 4 | 425-14 |
| 15 | 4 | 425-15 |
| 16 | 4 | 425-16 |
| 18 | 4 | 425-18 |
| 20 | 4 | 425-20 |
| 22 | 4 | 425-22 |
| 24 | 4 | 425-24 |
| 25 | 4 | 425-25 |
| 26 | 4 | 425-26 |
| 28 | 4 | 425-28 |
| 30 | 4 | 425-30 |
| 32 | 4 | 425-32 |
| 35 | 4 | 425-35 |
| 38 | 4 | 425-38 |
| 40 | 4 | 425-40 |

Chisel Set - Wooden Handle



425/

| mm | | |
|------------------|---|---------|
| 12-18-25 | 1 | 425-081 |
| 6-10-12-18-25 | 1 | 425-082 |
| 6-10-12-18-25-32 | 1 | 425-083 |

Chisels



1031

| mm | | |
|----|---|---------|
| 4 | 5 | 1031-4 |
| 6 | 5 | 1031-6 |
| 8 | 5 | 1031-8 |
| 10 | 5 | 1031-10 |
| 12 | 5 | 1031-12 |
| 14 | 5 | 1031-14 |
| 16 | 5 | 1031-16 |
| 18 | 5 | 1031-18 |
| 20 | 5 | 1031-20 |
| 22 | 5 | 1031-22 |
| 25 | 5 | 1031-25 |
| 28 | 5 | 1031-28 |
| 30 | 5 | 1031-30 |
| 32 | 5 | 1031-32 |
| 40 | 5 | 1031-40 |

Chisel Set



9883

| mm mm | | |
|---------------|---|------|
| 6-12-16-20-25 | 1 | 9883 |

Spare Handle



956

| | 1 | 956 |
|--|---|-----|

Gouges



422P

| mm | | |
|----|---|---------|
| 6 | 4 | 422P-6 |
| 10 | 4 | 422P-10 |
| 12 | 4 | 422P-12 |
| 16 | 4 | 422P-16 |
| 20 | 4 | 422P-20 |
| 25 | 4 | 422P-25 |



GRINDING STONES

Natural Grinding Stone



528-700

| mm | | |
|-----|---|---------|
| 150 | 1 | 528-700 |

Grinding Stone - 26 Grains



528-COM

| mm | | |
|-----|---|---------|
| 150 | 1 | 528-COM |



Rubber Mallet



3625RM

| mm | | |
|-----|---|-----------|
| 320 | 6 | 3625RM-55 |
| 340 | 6 | 3625RM-65 |
| 360 | 6 | 3625RM-75 |
| 360 | 6 | 3625RM-90 |

Nylon Tip Mallet



3625W

| mm | | |
|-----|----|-----------|
| 150 | 6 | 3625W-22 |
| 275 | 6 | 3625W-28 |
| 300 | 6 | 3625W-35 |
| 360 | 6 | 3625W-44 |
| 400 | 6 | 3625W-55 |
| 22 | 10 | 3625WL-22 |
| 28 | 10 | 3625WL-28 |
| 35 | 10 | 3625WL-35 |
| 44 | 10 | 3625WL-44 |
| 55 | 10 | 3625WL-55 |

Dead Blow Hammer



3625AR

| mm | | |
|-----|---|-----------|
| 305 | 1 | 3625AR-40 |
| 324 | 1 | 3625AR-44 |
| 343 | 1 | 3625AR-51 |
| 381 | 1 | 3625AR-57 |
| 400 | 1 | 3625AR-70 |

DRILLS FOR WOOD

Flat Bit



9529

| Ø mm | | |
|------|----|---------|
| 6 | 10 | 9529-6 |
| 8 | 10 | 9529-8 |
| 10 | 10 | 9529-10 |
| 12 | 10 | 9529-12 |
| 13 | 10 | 9529-13 |
| 14 | 10 | 9529-14 |
| 16 | 10 | 9529-16 |
| 17 | 10 | 9529-17 |
| 18 | 10 | 9529-18 |
| 19 | 10 | 9529-19 |
| 20 | 10 | 9529-20 |
| 22 | 10 | 9529-22 |
| 24 | 10 | 9529-24 |
| 25 | 10 | 9529-25 |
| 26 | 10 | 9529-26 |
| 28 | 10 | 9529-28 |
| 30 | 10 | 9529-30 |
| 32 | 10 | 9529-32 |
| 35 | 10 | 9529-35 |
| 38 | 10 | 9529-38 |
| 40 | 10 | 9529-40 |

Flat Bit, Long



9531

| Ø mm | | |
|------|----|------------|
| 6 | 10 | 9531-6-CA |
| 8 | 10 | 9531-8-CA |
| 10 | 10 | 9531-10-CA |
| 12 | 10 | 9531-12-CA |
| 13 | 10 | 9531-13-CA |
| 14 | 10 | 9531-14-CA |
| 16 | 10 | 9531-16-CA |
| 18 | 10 | 9531-18-CA |
| 19 | 10 | 9531-19-CA |
| 20 | 10 | 9531-20-CA |
| 22 | 10 | 9531-22-CA |
| 24 | 10 | 9531-24-CA |
| 25 | 10 | 9531-25-CA |
| 28 | 10 | 9531-28-CA |
| 30 | 10 | 9531-30-CA |
| 32 | 10 | 9531-32-CA |
| 35 | 10 | 9531-35-CA |
| 38 | 10 | 9531-38-CA |

Extension Shaft



9525

| mm/length | | |
|-----------|---|--------|
| 14-19/330 | 1 | 9525-7 |

Auger Bit - Wood



9526

| Ø mm | | |
|------|---|---------|
| 6 | 1 | 9526-6 |
| 7 | 1 | 9526-7 |
| 8 | 1 | 9526-8 |
| 10 | 1 | 9526-10 |
| 11 | 1 | 9526-11 |
| 12 | 1 | 9526-12 |
| 13 | 1 | 9526-13 |
| 14 | 1 | 9526-14 |
| 15 | 1 | 9526-15 |
| 16 | 1 | 9526-16 |
| 17 | 1 | 9526-17 |
| 18 | 1 | 9526-18 |
| 19 | 1 | 9526-19 |
| 20 | 1 | 9526-20 |
| 22 | 1 | 9526-22 |
| 24 | 1 | 9526-24 |
| 25 | 1 | 9526-25 |
| 26 | 1 | 9526-26 |
| 28 | 1 | 9526-28 |
| 30 | 1 | 9526-30 |
| 32 | 1 | 9526-32 |
| 35 | 1 | 9526-35 |
| 38 | 1 | 9526-38 |

Auger Bit, Long - Wood



9527

| Ø mm | | |
|------|---|------------|
| 6 | 1 | 9527-6-CA |
| 8 | 1 | 9527-8-CA |
| 10 | 1 | 9527-10-CA |
| 12 | 1 | 9527-12-CA |
| 13 | 1 | 9527-13-CA |
| 14 | 1 | 9527-14-CA |
| 16 | 1 | 9527-16-CA |
| 18 | 1 | 9527-18-CA |
| 19 | 1 | 9527-19-CA |
| 20 | 1 | 9527-20-CA |
| 22 | 1 | 9527-22-CA |
| 24 | 1 | 9527-24-CA |
| 25 | 1 | 9527-25-CA |
| 26 | 1 | 9527-26-CA |
| 28 | 1 | 9527-28-CA |
| 32 | 1 | 9527-32-CA |
| 35 | 1 | 9527-35-CA |
| 38 | 1 | 9527-38-CA |



HSS DRILLS

HSS Drill



441

| Ø mm | | |
|------|---|-------------|
| 5,5 | 1 | 441-5.5-CA |
| 6 | 1 | 441-6.0-CA |
| 6,5 | 1 | 441-6.5-CA |
| 6,8 | 1 | 441-6.8-CA |
| 7 | 1 | 441-7.0-CA |
| 7,5 | 1 | 441-7.5-CA |
| 8 | 1 | 441-8.0-CA |
| 8,5 | 1 | 441-8.5-CA |
| 9 | 1 | 441-9.0-CA |
| 9,5 | 1 | 441-9.5-CA |
| 10 | 1 | 441-10.0-CA |
| 10,5 | 1 | 441-10.5-CA |
| 11 | 1 | 441-11.0-CA |
| 11,5 | 1 | 441-11.5-CA |
| 12 | 1 | 441-12.0-CA |
| 12,5 | 1 | 441-12.5-CA |
| 13 | 1 | 441-13.0-CA |
| 14 | 1 | 441-14.0-CA |

HSS Drill, Industrial Box Quantity



451

| Ø mm | | |
|------|----|-------------|
| 1 | 10 | 451-1-10 |
| 1,5 | 10 | 451-1,5-10 |
| 2 | 10 | 451-2-10 |
| 2,5 | 10 | 451-2,5-10 |
| 3 | 10 | 451-3-10 |
| 3,2 | 10 | 451-3,2-10 |
| 3,5 | 10 | 451-3,5-10 |
| 3,8 | 10 | 451-3,8-10 |
| 4 | 10 | 451-4-10 |
| 4,2 | 10 | 451-4,2-10 |
| 4,5 | 10 | 451-4,5-10 |
| 4,8 | 10 | 451-4,8-10 |
| 5 | 10 | 451-5-10 |
| 5,5 | 10 | 451-5,5-10 |
| 6 | 10 | 451-6-10 |
| 6,5 | 10 | 451-6,5-10 |
| 7 | 10 | 451-7-10 |
| 7,5 | 10 | 451-7,5-10 |
| 8 | 10 | 451-8-10 |
| 8,5 | 10 | 451-8,5-10 |
| 9 | 10 | 451-9-10 |
| 9,5 | 10 | 451-9,5-10 |
| 10 | 10 | 451-10-10 |
| 10,2 | 10 | 451-10,2-10 |
| 10 | 5 | 451-10,5-5 |
| 11 | 5 | 451-11-5 |
| 11,5 | 5 | 451-11,5-5 |
| 12 | 5 | 451-12-5 |
| 12,5 | 5 | 451-12,5-5 |
| 13 | 5 | 451-13-5 |
| 13,5 | 5 | 451-13,5-5 |
| 14 | 5 | 451-14-5 |
| 16 | 2 | 451-16-2 |
| 17,5 | 2 | 451-17,5-2 |
| 18 | 2 | 451-18-2 |
| 20 | 2 | 451-20-2 |

HSS Drill Set



451/

| Ø mm | | |
|------------|---|----------|
| 2-8 X 1.0 | 1 | 451-PB-1 |
| 2-8 X 0.5 | 1 | 451-PB-2 |
| 1-7 X 0.5 | 1 | 451-MB-1 |
| 1-10 X 0.5 | 1 | 451-MB-2 |
| 1-13 X 0.5 | 1 | 451-MB-3 |

Step Drill, 9 & 13 mm



229-SD

| mm | | |
|----------------------|----|--------|
| 4-22 / 2 mm 10mm 3/8 | 24 | 229-SD |

Step Drill Set HSS 4-30 mm



STEP DRILLS

Step Drill Bit



230-SD

| mm | | |
|-----------------------|---|--------|
| 5 - 35 mm 12.7mm 1/2" | 1 | 230-SD |

Step Drill, 9 & 13 mm



228-SD

| mm | | |
|-----------------------|----|--------|
| 4-12 / 1 mm 6 mm 1/4" | 24 | 228-SD |

