

METRINCH



POWERHAND

EAGLE

GOJAK

RAKJAK

POWER-START

BOOTGUN

TYRE SEALS

POWER PROBE

METRINCH

ABOUT METRINCH

The Difference that Counts

A nut or a bolt has flats and corners. The corners are more easily damaged and do not offer the optimum grip for a tool. In developing the Metrinch tool system Jozef Ruzicka had the aim to design sockets and spanners, which would not only have longer effective life, but would also ensure minimal damage to the fasteners on which they are used. The patented Metrinch Wall Drive profile drives only on the flats and not on the corners.

The dimensions of Metrinch sockets and



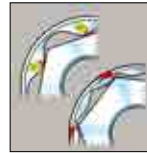
spanners have been precisely calculated, so that a single Metrinch tool will operate on both metric and inch series fasteners. For example, with a spanner 19mm it is possible not only to tighten or undo a metric nut or bolt, but also the inch bolts 3/4" AF, 3/8" BSW and 7/16" BSF. Even when such bolts have become worn, damaged or completely rounded by abrasion. A further major advantage in terms of application is that the Metrinch Wall Drive profile can be used on open-end spanners as well as on sockets and ring-spanners. Metrinch open-end spanners always provide a 4-point grip instead of the 2-point grip characterizing the traditional profile.

Torque Loading

The Metrinch Wall Drive Profile was designed to provide a greater area of force application, compared with that applied by conventional tools. This profile, because of the buttress effect of its load bearing

lugs, does not transmit the extreme peaks found when a tool with a wedge shaped profile is used. In distributing the torque load to the fastener trough the flats, the Metrinch tool does not only achieve greater force, but also lowers the possibility of distortion to the nut or bolt head.

Having a thin wall is an advantage in every socket. We can afford to provide such a wall, because with Metrinch spanners and sockets the force is absorbed where the wall has its greatest strength. Metrinch sockets are capable of exceeding the tightening torques specified in the DIN standard by 70 to 100%, depending on the socket size.



Quality & Safety

The Metrinch Wall Drive profile is not the only feature we rely on. The steel our tools are made of, forms another important aspect. To achieve the best, it is imperative to use a steel alloy this being Chrome Vanadium 46CrV4, which provides a margin of safety, particularly in conditions involving extreme stresses. We also attach great value to product finish, all our tools are chrome-plated and polished. This is not just for visual reasons, but because it provides the most effective protection against rust, even in extreme conditions. We take the principles of on-the-job safety and accident prevention very seriously. The patented Metrinch Wall Drive profile has been precisely calculated to ensure a secure and even application of torque to the flats of a nut or bolt and not to the corners. In most instances the greater the

force applied to a Metrinch tool the more positive the grip becomes thus minimising the risk of injury to an operator which may be caused through a socket or a spanner slipping off a fastener. Laboratory test results prove that torque loadings of 1.5 times greater than those possible with a conventional socket can be achieved using a Metrinch tool.

Quality Assurance and Guarantee

All Metrinch tools are forged from high quality Chrome Vanadium Alloy Steel, and meet with the torque and hardness requirements necessary with the relevant international standards, DIN, U.S. Federal Specification and British Standard. Our factory has an exacting quality assurance program, monitored by a highly trained



technical staff using the most up to date laboratory equipment. Constant inspections are made during the

stages in the production process, and we make a 100% check of all components at the time of packing to make sure that our high standards are maintained. Metrinch tools are used all over the world, and carry an unconditional worldwide free replacement guarantee if for any reason a tool happens to fail.



Award Winner

Discerning judges in Germany granted the Metrinch tool system the coveted award for innovation in design at Munich in 1991.

SECTIONS

Combination spanners



Sockets



Impact sockets & accessories



Clip rail sets



Combinations spanner sets

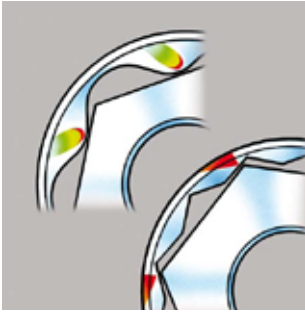


Combination & impact sockets sets



APPLICATIONS OF METRINCH SOCKETS & COMBINATION SPANNERS

| Metric (MM) | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
|---------------|---|-----|-----|-----|-----|---|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| Inch (SAE AF) | ½ | ⅜ | ¼ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | ⅜ | 1 | 1 ⅜ | 1 ½ | 1 ⅜ | 1 ½ | 1 ⅜ | 1 ½ | 1 ¼ |
| BSW | | | | | | ⅜ | | ⅜ | | ¼ | | ⅜ | | | ⅜ | | ⅜ | | ⅜ | | ½ | | ⅜ | | ⅜ | | ⅜ | | 1 ⅜ |
| BS BSW | | | | | | | | | ¼ | | ⅜ | | ⅜ | | ⅜ | | ⅜ | | ½ | | ⅜ | | ⅜ | | ⅜ | | 1 ⅜ | | ⅜ |
| BA | | 6BA | 4BA | 3BA | 2BA | | | OBA | | | | | | | | | | | | | | | | | | | | | |



COMBINATION SPANNERS



| Art. Nr. | MM | INCH | Art. Nr. | MM | INCH | Art. Nr. | MM | INCH | Art. Nr. | MM | INCH | Art. Nr. | MM | INCH | Art. Nr. | MM | INCH |
|----------|----|------|----------|----|------|----------|----|------|----------|----|------|----------|-------|------|----------|-------|------|
| MET-1108 | 8 | ⅜ | MET-1111 | 11 | ⅜ | MET-1114 | 14 | ⅜ | MET-1117 | 17 | ⅜ | MET-1120 | 20/21 | ⅜ | MET-1126 | 26/27 | 1 ⅜ |
| MET-1109 | 9 | ⅜ | MET-1112 | 12 | ⅜ | MET-1115 | 15 | ⅜ | MET-1118 | 18 | ⅜ | MET-1122 | 22/23 | ⅜ | MET-1129 | 29/30 | 1 ⅜ |
| MET-1110 | 10 | ⅜ | MET-1113 | 13 | ½ | MET-1116 | 16 | ⅜ | MET-1119 | 19 | ⅜ | MET-1124 | 24 | ⅜ | MET-1132 | 31/32 | 1 ¼ |

SOCKETS

1/4"

| Art. Nr. | MM | INCH |
|----------|----|------|
| MET-1404 | 4 | ⅜ |
| MET-1405 | 5 | ⅜ |
| MET-1406 | 6 | ¼ |
| MET-1407 | 7 | ⅜ |
| MET-1408 | 8 | ⅜ |
| MET-1409 | 9 | ⅜ |
| MET-1410 | 10 | ⅜ |
| MET-1411 | 11 | ⅜ |
| MET-1412 | 12 | ⅜ |
| MET-1413 | 13 | ½ |

3/8"

| Art. Nr. | MM | INCH |
|----------|-------|------|
| MET-1308 | 8 | ⅜ |
| MET-1309 | 9 | ⅜ |
| MET-1310 | 10 | ⅜ |
| MET-1311 | 11 | ⅜ |
| MET-1312 | 12 | ⅜ |
| MET-1313 | 13 | ½ |
| MET-1314 | 14 | ⅜ |
| MET-1315 | 15 | ⅜ |
| MET-1316 | 16 | ⅜ |
| MET-1317 | 17 | ⅜ |
| MET-1318 | 18 | ⅜ |
| MET-1319 | 19 | ⅜ |
| MET-1320 | 20/21 | ⅜ |
| MET-1322 | 22 | ⅜ |

1/2"

| Art. Nr. | MM | INCH |
|----------|-------|------|
| MET-1210 | 10 | ⅜ |
| MET-1211 | 11 | ⅜ |
| MET-1212 | 12 | ⅜ |
| MET-1213 | 13 | ½ |
| MET-1214 | 14 | ⅜ |
| MET-1215 | 15 | ⅜ |
| MET-1216 | 16 | ⅜ |
| MET-1217 | 17 | ⅜ |
| MET-1218 | 18 | ⅜ |
| MET-1219 | 19 | ⅜ |
| MET-1220 | 20/21 | ⅜ |
| MET-1222 | 22 | ⅜ |
| MET-1223 | 23 | ⅜ |
| MET-1224 | 24 | ⅜ |
| MET-1225 | 25 | 1 |
| MET-1226 | 26/27 | 1 ⅜ |
| MET-1228 | 28 | 1 ⅜ |
| MET-1229 | 29/30 | 1 ⅜ |
| MET-1231 | 31/32 | 1 ¼ |

1/4" Deep

| Art. Nr. | MM | INCH |
|----------|----|------|
| MET-1454 | 4 | ⅜ |
| MET-1455 | 5 | ⅜ |
| MET-1456 | 6 | ¼ |
| MET-1457 | 7 | ⅜ |
| MET-1458 | 8 | ⅜ |
| MET-1459 | 9 | ⅜ |
| MET-1460 | 10 | ⅜ |
| MET-1461 | 11 | ⅜ |
| MET-1462 | 12 | ⅜ |
| MET-1463 | 13 | ½ |



3/8" Deep

| Art. Nr. | MM | INCH |
|----------|-------|------|
| MET-1350 | 10 | ⅜ |
| MET-1351 | 11 | ⅜ |
| MET-1352 | 12 | ⅜ |
| MET-1353 | 13 | ½ |
| MET-1354 | 14 | ⅜ |
| MET-1355 | 15 | ⅜ |
| MET-1356 | 16 | ⅜ |
| MET-1357 | 17 | ⅜ |
| MET-1358 | 18 | ⅜ |
| MET-1359 | 19 | ⅜ |
| MET-1360 | 20/21 | ⅜ |
| MET-1362 | 22 | ⅜ |

1/2" Deep

| Art. Nr. | MM | INCH |
|----------|-------|------|
| MET-1250 | 10 | ⅜ |
| MET-1251 | 11 | ⅜ |
| MET-1252 | 12 | ⅜ |
| MET-1253 | 13 | ½ |
| MET-1254 | 14 | ⅜ |
| MET-1255 | 15 | ⅜ |
| MET-1256 | 16 | ⅜ |
| MET-1257 | 17 | ⅜ |
| MET-1258 | 18 | ⅜ |
| MET-1259 | 19 | ⅜ |
| MET-1260 | 20/21 | ⅜ |
| MET-1262 | 22 | ⅜ |
| MET-1263 | 23 | ⅜ |
| MET-1264 | 24 | ⅜ |
| MET-1265 | 25 | 1 |
| MET-1267 | 26/27 | 1 ⅜ |
| MET-1268 | 28 | 1 ⅜ |
| MET-1270 | 29/30 | 1 ⅜ |
| MET-1272 | 31/32 | 1 ¼ |



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IMPACT SOCKETS

3/8"

| Art. nr. | MM | INCH |
|----------|----|-------|
| MET-2310 | 10 | 3/8 |
| MET-2311 | 11 | 7/16 |
| MET-2312 | 12 | 15/32 |
| MET-2313 | 13 | 1/2 |
| MET-2314 | 14 | 9/16 |
| MET-2315 | 15 | 19/32 |
| MET-2316 | 16 | 5/8 |
| MET-2317 | 17 | 11/16 |
| MET-2318 | 18 | 23/32 |
| MET-2319 | 19 | 3/4 |
| MET-2320 | 20 | 25/32 |
| MET-2321 | 21 | 13/16 |
| MET-2322 | 22 | 7/8 |

1/2"

| Art. Nr. | MM | INCH |
|----------|----|--------|
| MET-2210 | 10 | 3/8 |
| MET-2211 | 11 | 7/16 |
| MET-2212 | 12 | 15/32 |
| MET-2213 | 13 | 1/2 |
| MET-2214 | 14 | 9/16 |
| MET-2215 | 15 | 19/32 |
| MET-2216 | 16 | 5/8 |
| MET-2217 | 17 | 11/16 |
| MET-2218 | 18 | 23/32 |
| MET-2219 | 19 | 3/4 |
| MET-2220 | 20 | 25/32 |
| MET-2221 | 21 | 13/16 |
| MET-2222 | 22 | 7/8 |
| MET-2223 | 23 | 29/32 |
| MET-2224 | 24 | 15/16 |
| MET-2225 | 25 | 1 |
| MET-2227 | 27 | 1 1/16 |
| MET-2228 | 28 | 1 1/8 |
| MET-2230 | 30 | 1 3/16 |
| MET-2232 | 32 | 1 1/4 |



3/8" Deep

| Art. Nr. | MM | INCH |
|----------|----|-------|
| MET-2350 | 10 | 3/8 |
| MET-2351 | 11 | 7/16 |
| MET-2352 | 12 | 15/32 |
| MET-2353 | 13 | 1/2 |
| MET-2354 | 14 | 9/16 |
| MET-2355 | 15 | 19/32 |
| MET-2356 | 16 | 5/8 |
| MET-2357 | 17 | 11/16 |
| MET-2358 | 18 | 23/32 |
| MET-2359 | 19 | 3/4 |
| MET-2360 | 20 | 25/32 |
| MET-2361 | 21 | 13/16 |
| MET-2362 | 22 | 7/8 |

1/2" Deep

| Art. Nr. | MM | INCH |
|----------|-------|--------|
| MET-2250 | 10 | 3/8 |
| MET-2251 | 11 | 7/16 |
| MET-2252 | 12 | 15/32 |
| MET-2253 | 13 | 1/2 |
| MET-2254 | 14 | 9/16 |
| MET-2255 | 15 | 19/32 |
| MET-2256 | 16 | 5/8 |
| MET-2257 | 17 | 11/16 |
| MET-2258 | 18 | 23/32 |
| MET-2259 | 19 | 3/4 |
| MET-2260 | 20 | 25/32 |
| MET-2261 | 21 | 13/16 |
| MET-2262 | 22 | 7/8 |
| MET-2263 | 23 | 29/32 |
| MET-2264 | 24 | 15/16 |
| MET-2265 | 25 | 1 |
| MET-2267 | 26/27 | 1 1/16 |
| MET-2268 | 28 | 1 1/8 |
| MET-2270 | 29/30 | 1 3/16 |
| MET-2272 | 31/32 | 1 1/4 |



ACCESSORIES

1/4"

| Art. Nr. | Description | Pict. |
|------------|---------------------------------|-------|
| MET-1488 | Extension 75 mm | L |
| MET-1490 | Ratchet | A |
| MET-1490SN | Repair set for Q.R. Ratchet | C |
| MET-1491 | Fingertight ratchet | F |
| MET-1492 | Joint | G |
| MET-1493 | Extension 50 mm | L |
| MET-1494 | 1/4" Male & 3/8" female adaptor | D |
| MET-1495 | Spinner handle | H |
| MET-1496 | Extension 150 mm | L |
| MET-1497 | T-piece | J |
| MET-1498 | Bit holder | K |
| MET-1499 | Extension 100 mm wobble | M |

3/8"

| Art. Nr. | Description | Pict. |
|------------|---------------------------------|-------|
| MET-1387 | Extension 125 mm | L |
| MET-1388 | Extension 75 mm wobble | M |
| MET-1390 | Ratchet | A |
| MET-1390SN | Repair set for Q.R. Ratchet | C |
| MET-1391 | Extension 75 mm | L |
| MET-1392 | Extension 150 mm wobble | M |
| MET-1393 | Extension 150 mm | L |
| MET-1394 | Joint | G |
| MET-1395 | Sparkplug socket 16 mm & 5/8" | I |
| MET-1396 | Sparkplug socket 21 mm & 13/16" | B |
| MET-1397 | Extension 250 mm wobble | M |
| MET-1398 | T-piece | J |
| MET-1399 | Extension 40 mm wobble | M |

1/2"

| Art. Nr. | Description | Pict. |
|------------|---------------------------------|-------|
| MET-1287 | Extension 75 mm | L |
| MET-1288 | Extension 75 mm wobble | M |
| MET-1290 | Ratchet | A |
| MET-1290SN | Repair set for Q.R. Ratchet | C |
| MET-1291 | Extension 250 mm | L |
| MET-1292 | Sparkplug socket 16 mm & 5/8" | I |
| MET-1293 | Sparkplug socket 21 mm & 13/16" | B |
| MET-1294 | T-piece | J |
| MET-1295 | Breaker bar 410 mm | N |
| MET-1296 | Joint | G |
| MET-1297 | Extension 125 mm | L |
| MET-1298 | 1/4" Male & 3/8" female adaptor | D |
| MET-1299 | Extension 125 mm wobble | M |



SOCKET CLIP RAIL SETS

MET-0220

Clip rail set 1/4" 9pc



Sockets

| | | | | | | | | | |
|---------------|------|-----|------|------|-----|-----|------|-------|-----|
| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 1/2 | 3/8 | 7/16 | 15/32 | 1/2 |
| 1/4" Socket | . | . | . | . | . | . | . | . | . |

MET-0320

Clip rail set 3/8" 12pc



Sockets

| | | | | | | | | | | | | |
|---------------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-----|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20/21 | 22 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 | 7/8 |
| 3/8" Socket | . | . | . | . | . | . | . | . | . | . | . | . |

MET-0321

Clip rail set 3/8" 8pc



Sockets

| | | | | | | | | |
|---------------|-----|------|-------|-----|------|-----|-------|-----|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 |
| 3/8" Socket | . | . | . | . | . | . | . | . |

MET-0430

Clip rail set 1/2" 10pc



Sockets

| | | | | | | | | | | |
|---------------|-----|------|-------|-----|------|-----|-------|-----|-----|-------|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 | 22 | 24 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 | 7/8 | 15/16 |
| 1/2" Socket | . | . | . | . | . | . | . | . | . | . |

MET-0431

Clip rail set 1/2" 8pc



Sockets

| | | | | | | | | |
|---------------|-----|------|-------|-----|------|-----|-------|-----|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 |
| 1/2" Socket | . | . | . | . | . | . | . | . |

MET-0230

Clip rail set 1/4" 9pc deep



Sockets

| | | | | | | | | | |
|------------------|------|-----|------|------|-----|-----|------|-------|-----|
| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 1/2 | 3/8 | 7/16 | 15/32 | 1/2 |
| 1/4" Socket deep | . | . | . | . | . | . | . | . | . |

MET-0330

Clip rail set 3/8" 12pc deep



Sockets

| | | | | | | | | | | | | |
|------------------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-----|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20/21 | 22 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 | 7/8 |
| 3/8" Socket deep | . | . | . | . | . | . | . | . | . | . | . | . |

MET-0331

Clip rail set 3/8" 8pc deep



Sockets

| | | | | | | | | |
|------------------|-----|------|-------|-----|------|-----|-------|-----|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 |
| 3/8" Socket deep | . | . | . | . | . | . | . | . |

MET-0440

Clip rail set 1/2" 10pc deep



Sockets

| | | | | | | | | | | |
|------------------|-----|------|-------|-----|------|-----|-------|-----|-----|-------|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 | 22 | 24 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 | 7/8 | 15/16 |
| 1/2" Socket deep | . | . | . | . | . | . | . | . | . | . |

MET-0441

Clip rail set 1/2" 8pc deep



Sockets

| | | | | | | | | |
|------------------|-----|------|-------|-----|------|-----|-------|-----|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 |
| 1/2" Socket deep | . | . | . | . | . | . | . | . |

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METRINCH

MET-0106

Combination spanner set 6pc



Combination spanners

| | | | | | | |
|---------------------|-----|------|-----|------|-----|-------|
| Metric (MM) | 10 | 11 | 13 | 14 | 16 | 17 |
| Inch (SAE AF) | 3/8 | 7/16 | 1/2 | 9/16 | 5/8 | 11/16 |
| Combination Spanner | • | • | • | • | • | • |

MET-0107

Combination spanner set 7pc



Combination spanners

| | | | | | | | |
|---------------------|-----|------|-----|------|-----|-------|-----|
| Metric (MM) | 10 | 11 | 13 | 14 | 16 | 17 | 19 |
| Inch (SAE AF) | 3/8 | 7/16 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 |
| Combination Spanner | • | • | • | • | • | • | • |

MET-0110

Combination spanner set 10pc

Combination spanners

| | | | | | | | | | | |
|---------------------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 |
| Combination Spanner | • | • | • | • | • | • | • | • | • | • |



MET-0125

Combination spanner set 14pc

Combination spanners

| | | | | | | | | | | | | | | |
|---------------------|------|-------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-------|
| Metric (MM) | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20/21 | 22/23 |
| Inch (SAE AF) | 5/16 | 11/32 | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 | 7/8 |
| Combination Spanner | • | • | • | • | • | • | • | • | • | • | • | • | • | • |



MET-0135

Combination spanner set 15pc

Combination spanners

| | | | | | | | | | | | | | | | |
|---------------------|------|-------|-----|------|-------|-----|------|-------|-------|-----|-------|-------|-------|-------|-------|
| Metric (MM) | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 17 | 19 | 22/23 | 24 | 26/27 | 29/30 | 31/32 |
| Inch (SAE AF) | 5/16 | 11/32 | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 11/16 | 3/4 | 7/8 | 15/16 | 11/16 | 13/16 | 11/4 |
| Combination Spanner | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |



MET-0563

Combination set 1/4" & 3/8" 63pc

Sockets & combination spanners

| | | | | | | | | | | | | | | | | | |
|---------------------|------|-----|------|------|-------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-----|
| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20/21 | 22 |
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 11/32 | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 | 7/8 |
| 1/4" Socket | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 3/8" Socket | | | | | | | | | | | | | | | | | |
| Combination Spanner | | | | | | | | | | | | | | | | | |



Bit Sockets: Sizes

| | | | | | | |
|----|--------|--------|--------|--------|--------|----|
| FL | 4.0 mm | 4.5 mm | 5.5 mm | 6.5 mm | | |
| PZ | 1 | 2 | | | | |
| PH | 0 | 1 | 2 | 3 | | |
| HX | 2.5 mm | 3.0 mm | 4.0 mm | 5.0 mm | 6.0 mm | |
| TX | 10 | 15 | 20 | 25 | 27 | 30 |

Accessories

| 3/8" | Description | 1/4" | Description |
|----------|---------------------------------|----------|---------------------------------|
| MET-1390 | Ratchet | MET-1491 | Ratchet |
| MET-1393 | Extension 150 mm | MET-1493 | Extension 50 mm |
| MET-1394 | Joint | MET-1494 | 1/4" Male & 3/8" female adaptor |
| MET-1396 | Sparkplug socket 21 mm & 19/16" | MET-1495 | Spinner handle |
| | | MET-1498 | Bit holder |

COMBINATION SETS

MET-0076

Combination set 1/2" & 3/8" & 1/4" 76pc

Sockets & combination spanners

| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20/21 | 22 | 24 | 25 | 26/27 | 29/30 | 31/32 | |
|---------------------|------|-----|------|------|-----|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-----|-------|----|--------|--------|-------|---|
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 1/2 | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 | 7/8 | 15/16 | 1 | 1 1/16 | 1 3/16 | 1 1/4 | |
| 1/4" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 1/4" Socket deep | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3/8" Socket | | | | | | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3/8" Socket deep | | | | | | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 1/2" Socket | | | | | | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Combination Spanner | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |



Accessories

| 1/2" | Description |
|----------|---------------------------------|
| MET-1290 | Ratchet |
| MET-1291 | Extension 250 mm |
| MET-1294 | T-piece |
| 3/8" | Description |
| MET-1390 | Ratchet |
| MET-1391 | Extension 75 mm |
| MET-1394 | Joint |
| MET-1395 | Sparkplug socket 16 mm & 5/8" |
| MET-1396 | Sparkplug socket 21 mm & 13/16" |

| 1/4" | Description |
|----------|---------------------------------|
| MET-1491 | Ratchet |
| MET-1492 | Joint |
| MET-1493 | Extension 50 mm |
| MET-1494 | 1/4" Male & 3/8" female adaptor |
| MET-1495 | Spinner handle |



MET-0300

Socket set 3/8" & 1/4" 25pc

Sockets

| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 | 20/21 | 22 |
|---------------|------|-----|------|------|-----|-----|------|-------|-----|------|-----|-------|-----|-------|-----|
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 1/2 | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 5/8 | 11/16 | 3/4 | 13/16 | 7/8 |
| 1/4" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3/8" Socket | | | | | | | | | . | . | . | . | . | . | . |

Accessories

| 3/8" | Description | 1/4" | Description |
|----------|---------------------------------|----------|---------------------------------|
| MET-1390 | Ratchet | MET-1491 | Ratchet |
| MET-1392 | Extension 150 mm wobble | MET-1492 | Joint |
| MET-1394 | Joint | MET-1493 | Extension 50 mm |
| MET-1395 | Sparkplug socket 16 mm & 5/8" | MET-1494 | 1/4" Male & 3/8" female adaptor |
| MET-1396 | Sparkplug socket 21 mm & 13/16" | MET-1495 | Spinner handle |



POWERHAND

EAGLE

GOJAK

RAKJAK

POWER-START

BOOTGUN

TYRE SEALS

POWER PROBE

METRINCH

MET-0325

Socket set 1/4" 37pc

Sockets

| | | | | | | | | |
|---------------|------|-----|------|------|-----|-----|------|-----|
| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 1/2 | 3/8 | 7/16 | 1/2 |
| 1/4" Socket | . | . | . | . | . | . | . | . |

Accessories

| 1/4" | Description |
|----------|---------------------------------|
| MET-1490 | Ratchet |
| MET-1492 | Joint |
| MET-1493 | Extension 50 mm |
| MET-1494 | 1/4" Male & 3/8" female adaptor |
| MET-1495 | Spinner handle |
| MET-1497 | T-piece |
| MET-1498 | Bit holder |
| MET-1499 | Extension 100 mm wobble |



Bits: Sizes

| | | | | | | |
|----|--------|--------|--------|--------|--------|----|
| FL | 4.0 mm | 4.5 mm | 5.5 mm | 6.5 mm | | |
| PZ | 1 | 2 | | | | |
| PH | 0 | 1 | 2 | 3 | | |
| HX | 2.5 mm | 3.0 mm | 4.0 mm | 5.0 mm | 6.0 mm | |
| TX | 10 | 15 | 20 | 25 | 27 | 30 |

MET-0427

Socket set 1/2" 26pc

Sockets

| | | | | | | | | | | | | | | | | | | | |
|---------------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-----|-------|-------|----|--------|-------|--------|-------|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20/21 | 22 | 23 | 24 | 25 | 26/27 | 28 | 29/30 | 31/32 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 | 7/8 | 29/32 | 15/16 | 1 | 1 1/16 | 1 1/8 | 1 3/16 | 1 1/4 |
| 1/2" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |



Accessories

| 1/2" | Description |
|----------|---------------------------------|
| met-1290 | Ratchet |
| met-1291 | Extension 250 mm |
| met-1292 | Sparkplug socket 16 mm & 5/8" |
| met-1293 | Sparkplug socket 21 mm & 13/16" |
| met-1294 | T-piece |
| met-1296 | Joint |
| met-1299 | Extension 125 mm wobble |

MET-0450

Combination set 1/2" 30pc

Sockets & combination spanners

| | | | | | | | | | | | | | | | | | | |
|---------------------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-------|-------|----|--------|-------|--------|-------|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20/21 | 22/23 | 24 | 25 | 26/27 | 28 | 29/30 | 31/32 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 | 7/8 | 15/16 | 1 | 1 1/16 | 1 1/8 | 1 3/16 | 1 1/4 |
| 1/2" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Combination Spanner | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

Accessories

| 1/2" | Description |
|----------|---------------------------------|
| met-1290 | Ratchet |
| met-1293 | Sparkplug socket 21 mm & 13/16" |
| met-1295 | Breaker bar 410 mm |
| met-1296 | Joint |
| met-1299 | Extension 125 mm wobble |



COMBINATION SETS

MET-0625

Combination set 1/4" & 3/8" 37pc



Sockets & combination spanners

| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 |
|---------------------|------|-----|------|------|-----|-----|------|-------|-----|------|-----|-------|-----|
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 1/2 | 3/8 | 7/16 | 15/32 | 1/2 | 5/16 | 3/8 | 11/16 | 3/4 |
| 1/4" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3/8" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3/8" Socket deep | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Combination Spanner | . | . | . | . | . | . | . | . | . | . | . | . | . |

Accessories

| 3/8" | Description | met-1396 | Sparkplug socket 21 mm & 13/16" |
|----------|-------------------------------|----------|---------------------------------|
| met-1390 | Ratchet | met-1399 | Extension 40 mm wobble |
| met-1391 | Extension 75 mm | | |
| met-1393 | Extension 150 mm | 1/4" | Description |
| met-1394 | Joint | met-1494 | 1/4" Male & 3/8" female adaptor |
| met-1395 | Sparkplug socket 16 mm & 5/8" | met-1495 | Spinner handle |

MET-0650

Combination set 1/2" & 3/8" & 1/4" 50pc

Sockets & combination spanners

| Metric (MM) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 19 | 20/21 | 22 | 24 | 26 / 27 | 29/30 | 31/32 | |
|---------------------|------|-----|------|------|-----|-----|------|-------|-----|------|-----|-------|-----|-------|-----|-------|---------|-------|-------|---|
| Inch (SAE AF) | 3/16 | 1/4 | 5/32 | 3/16 | 1/2 | 3/8 | 7/16 | 15/32 | 1/2 | 5/16 | 3/8 | 11/16 | 3/4 | 13/16 | 7/8 | 15/16 | 1 1/16 | 1 1/8 | 1 1/4 | |
| 1/4" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3/8" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3/8" Socket deep | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 1/2" Socket | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Combination Spanner | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

Accessories

| 1/2" | Description |
|----------|---------------------------------|
| met-1288 | Extension 75 mm wobble |
| met-1290 | Ratchet |
| met-1291 | Extension 250 mm |
| met-1294 | T-piece |
| met-1295 | Breaker bar 410 mm |
| met-1297 | Extension 125 mm |
| 3/8" | Description |
| met-1387 | Extension 125 mm |
| met-1390 | Ratchet |
| met-1391 | Extension 75 mm |
| met-1394 | Joint |
| met-1395 | Sparkplug socket 16 mm & 5/8" |
| met-1396 | Sparkplug socket 21 mm & 13/16" |
| met-1399 | Extension 40 mm wobble |
| 1/4" | Description |
| met-1494 | 1/4" Male & 3/8" female adaptor |
| met-1495 | Spinner handle |



POWERHAND

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METRINCH

MET-2300

Impact set 3/8" 11pc

Sockets

| | | | | | | | | | | | |
|--------------------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 21 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 |
| 3/8" Impact Socket | • | • | • | • | • | • | • | • | • | • | • |



MET-2305

Impact set 3/8" 11pc

Sockets

| | | | | | | | | | | | |
|-------------------------|-----|------|-------|-----|------|-------|-----|-------|-------|-----|-------|
| Metric (MM) | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 21 |
| Inch (SAE AF) | 3/8 | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 13/16 |
| 3/8" Impact Socket deep | • | • | • | • | • | • | • | • | • | • | • |



MET-2400

Impact set 3/8" 11pc

Sockets

| | | | | | | | | | | | | | | | |
|--------------------|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|----|
| Metric (MM) | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| Inch (SAE AF) | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 25/32 | 13/16 | 7/8 | 29/32 | 15/16 | 1 |
| 1/2" Impact Socket | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |



MET-2450

Impact set 1/2" 15pc deep

Sockets

| | | | | | | | | | | | | | | | |
|-------------------------|------|-------|-----|------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|----|
| Metric (MM) | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| Inch (SAE AF) | 7/16 | 15/32 | 1/2 | 9/16 | 19/32 | 5/8 | 11/16 | 23/32 | 3/4 | 25/32 | 13/16 | 7/8 | 29/32 | 15/16 | 1 |
| 1/2" Impact Socket deep | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |



MET-2460

Wheelnut set 1/2" 6pc

Sockets

| | | | |
|-------------------------|-------|-----|-------|
| Metric (MM) | 17 | 19 | 21 |
| Inch (SAE AF) | 11/16 | 3/4 | 13/16 |
| 1/2" Impact Socket | • | • | • |
| 1/2" Impact Socket deep | • | • | • |

