

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.

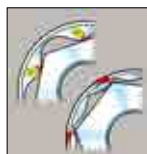
Torque Loading

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 very 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

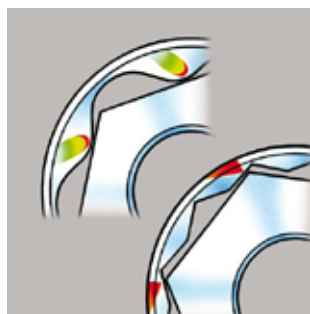


Combination & impact sockets sets



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)	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{3}{4}$	$\frac{25}{32}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{29}{32}$	$\frac{15}{16}$	1	$\frac{11}{16}$	$\frac{13}{32}$	$\frac{1}{8}$	$\frac{15}{32}$	$\frac{13}{16}$	$\frac{17}{32}$	$\frac{1}{4}$
BSW						$\frac{1}{8}$		$\frac{3}{16}$			$\frac{1}{4}$	$\frac{5}{16}$			$\frac{3}{8}$		$\frac{7}{16}$		$\frac{1}{2}$		$\frac{5}{8}$		$\frac{3}{4}$		$\frac{15}{16}$		$\frac{1}{2}$		$\frac{11}{16}$
BS BSF							$\frac{1}{4}$				$\frac{5}{16}$	$\frac{3}{8}$			$\frac{7}{16}$		$\frac{1}{2}$		$\frac{5}{8}$		$\frac{3}{4}$		$\frac{15}{16}$		$\frac{1}{2}$		$\frac{11}{16}$		$\frac{3}{4}$
BA		6BA	4BA	3BA	2BA		0BA																						



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	$\frac{5}{16}$	MET-1111	11	$\frac{7}{16}$	MET-1114	14	$\frac{9}{16}$	MET-1117	17	$\frac{11}{16}$	MET-1120	20/21	$\frac{13}{16}$	MET-1126	26/27	$\frac{11}{8}$
MET-1109	9	$\frac{11}{32}$	MET-1112	12	$\frac{15}{32}$	MET-1115	15	$\frac{19}{32}$	MET-1118	18	$\frac{23}{32}$	MET-1122	22/23	$\frac{7}{8}$	MET-1129	29/30	$\frac{13}{16}$
MET-1110	10	$\frac{3}{8}$	MET-1113	13	$\frac{1}{2}$	MET-1116	16	$\frac{5}{8}$	MET-1119	19	$\frac{3}{4}$	MET-1124	24	$\frac{15}{16}$	MET-1132	31/32	$\frac{1}{4}$

SOCKETS

1/4"

Art. Nr.	MM	INCH
MET-1404	4	$\frac{5}{32}$
MET-1405	5	$\frac{3}{16}$
MET-1406	6	$\frac{1}{4}$
MET-1407	7	$\frac{9}{32}$
MET-1408	8	$\frac{5}{16}$
MET-1409	9	$\frac{11}{32}$
MET-1410	10	$\frac{3}{8}$
MET-1411	11	$\frac{7}{16}$
MET-1412	12	$\frac{15}{32}$
MET-1413	13	$\frac{1}{2}$



3/8"

Art. Nr.	MM	INCH
MET-1308	8	$\frac{5}{16}$
MET-1309	9	$\frac{11}{32}$
MET-1310	10	$\frac{3}{8}$
MET-1311	11	$\frac{7}{16}$
MET-1312	12	$\frac{15}{32}$
MET-1313	13	$\frac{1}{2}$
MET-1314	14	$\frac{9}{16}$
MET-1315	15	$\frac{19}{32}$
MET-1316	16	$\frac{5}{8}$
MET-1317	17	$\frac{11}{16}$
MET-1318	18	$\frac{23}{32}$
MET-1319	19	$\frac{3}{4}$
MET-1320	20/21	$\frac{13}{16}$
MET-1322	22	$\frac{7}{8}$

1/2"

Art. Nr.	MM	INCH
MET-1210	10	$\frac{3}{8}$
MET-1211	11	$\frac{7}{16}$
MET-1212	12	$\frac{15}{32}$
MET-1213	13	$\frac{1}{2}$
MET-1214	14	$\frac{9}{16}$
MET-1215	15	$\frac{19}{32}$
MET-1216	16	$\frac{5}{8}$
MET-1217	17	$\frac{11}{16}$
MET-1218	18	$\frac{23}{32}$
MET-1219	19	$\frac{3}{4}$
MET-1220	20/21	$\frac{13}{16}$
MET-1222	22	$\frac{7}{8}$
MET-1223	23	$\frac{29}{32}$
MET-1224	24	$\frac{15}{16}$
MET-1225	25	1
MET-1226	26/27	$\frac{11}{8}$
MET-1228	28	$\frac{11}{8}$
MET-1229	29/30	$\frac{13}{8}$
MET-1231	31/32	$\frac{1}{4}$

1/4" Deep

Art. Nr.	MM	INCH
MET-1454	4	$\frac{5}{32}$
MET-1455	5	$\frac{3}{16}$
MET-1456	6	$\frac{1}{4}$
MET-1457	7	$\frac{9}{32}$
MET-1458	8	$\frac{5}{16}$
MET-1459	9	$\frac{11}{32}$
MET-1460	10	$\frac{3}{8}$
MET-1461	11	$\frac{7}{16}$
MET-1462	12	$\frac{15}{32}$
MET-1463	13	$\frac{1}{2}$



3/8" Deep

Art. Nr.	MM	INCH
MET-1350	10	$\frac{3}{8}$
MET-1351	11	$\frac{7}{16}$
MET-1352	12	$\frac{15}{32}$
MET-1353	13	$\frac{1}{2}$
MET-1354	14	$\frac{9}{16}$
MET-1355	15	$\frac{19}{32}$
MET-1356	16	$\frac{5}{8}$
MET-1357	17	$\frac{11}{16}$
MET-1358	18	$\frac{23}{32}$
MET-1359	19	$\frac{3}{4}$
MET-1360	20/21	$\frac{13}{16}$
MET-1362	22	$\frac{7}{8}$

1/2" Deep

Art. Nr.	MM	INCH
MET-1250	10	$\frac{3}{8}$
MET-1251	11	$\frac{7}{16}$
MET-1252	12	$\frac{15}{32}$
MET-1253	13	$\frac{1}{2}$
MET-1254	14	$\frac{9}{16}$
MET-1255	15	$\frac{19}{32}$
MET-1256	16	$\frac{5}{8}$
MET-1257	17	$\frac{11}{16}$
MET-1258	18	$\frac{23}{32}$
MET-1259	19	$\frac{3}{4}$
MET-1260	20/21	$\frac{13}{16}$
MET-1262	22	$\frac{7}{8}$
MET-1263	23	$\frac{29}{32}$
MET-1264	24	$\frac{15}{16}$
MET-1265	25	1
MET-1267	26/27	$\frac{11}{8}$
MET-1268	28	$\frac{11}{8}$
MET-1270	29/30	$\frac{13}{8}$
MET-1272	31/32	$\frac{1}{4}$

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



MET-0220

Clip rail set 1/4" 9pc



Sockets

Metric (MM)	5	6	7	8	9	10	11	12	13
Inch (SAE AF)	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$
1/4" 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)	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$
1/4" Socket deep	•	•	•	•	•	•	•	•	•

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)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$
3/8" Socket	•	•	•	•	•	•	•	•	•	•	•	•

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)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$
3/8" Socket deep	•	•	•	•	•	•	•	•	•	•	•	•

MET-0321

Clip rail set 3/8" 8pc



Sockets

Metric (MM)	10	11	12	13	14	16	17	19
Inch (SAE AF)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$
3/8" Socket	•	•	•	•	•	•	•	•

MET-0331

Clip rail set 3/8" 8pc deep



Sockets

Metric (MM)	10	11	12	13	14	16	17	19
Inch (SAE AF)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$
3/8" Socket deep	•	•	•	•	•	•	•	•

MET-0430

Clip rail set 1/2" 10pc



Sockets

Metric (MM)	10	11	12	13	14	16	17	19	22	24
Inch (SAE AF)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$
1/2" Socket	•	•	•	•	•	•	•	•	•	•

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)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$
1/2" Socket deep	•	•	•	•	•	•	•	•	•	•

MET-0431

Clip rail set 1/2" 8pc



Sockets

Metric (MM)	10	11	12	13	14	16	17	19
Inch (SAE AF)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$
1/2" Socket	•	•	•	•	•	•	•	•

MET-0441

Clip rail set 1/2" 8pc deep



Sockets

Metric (MM)	10	11	12	13	14	16	17	19
Inch (SAE AF)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$
1/2" Socket deep	•	•	•	•	•	•	•	•

POWERHAND

EAGLE

GOJAK

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POWER-START

BOOTGUN

TYRE SEALS

POWER PROBE

METRINCH

MET-0106

Combination spanner set 6pc



Combination spanners

Metric (MM)	10	11	13	14	16	17
Inch (SAE AF)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$
Combination Spanner	•	•	•	•	•	•

MET-0107

Combination spanner set 7pc



Combination spanners

Metric (MM)	10	11	13	14	16	17	19
Inch (SAE AF)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$
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)	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{3}{4}$
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)	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$
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)	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$	$\frac{11}{16}$	$\frac{13}{16}$	$\frac{11}{4}$
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)	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$
1/4" Socket	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3/8" Socket				•	•	•	•	•	•	•	•	•	•	•	•	•	•
Combination Spanner				•	•	•	•	•	•	•	•	•	•	•	•	•	•

Bit Sockets: Sizes

Bit	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 & 13/16"	MET-1495	Spinner handle
		MET-1498	Bit holder



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	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	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	11/32	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



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	15/32
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	3/8	7/16	1/2	5/8	3/4	7/8	1 1/8	1 1/4	1 1/2	1 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	3/8	7/16	1/2	5/8	3/4	7/8	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 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



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	•	•	•

