



HYTORC

HYTORC Sockets Catalog

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201-512-9500

hytorc.com





Never Settle For Less.



WHERE UNMATCHED SUPPORT MEETS OPERATIONAL PEACE OF MIND

Downtime due to tool maintenance can significantly impact project timelines and operational efficiency. Our HY-Care service plans directly address this issue, providing essential support when you need it most. With this program, the hassle and uncertainty of tool servicing are taken off your shoulders, allowing every bolt tightened to be a step towards a more efficient, safer, and cost-effective operation.

HY-Care Service Plans are available within 90 days of purchase and offer the following features:

- Up to 3-Year Hassle-Free Warranty on Electric Tools
- Up to 5-Year Hassle-Free Warranty on Hydraulic & Pneumatic Tools
- Up to 1-Year Hassle-Free Out of Warranty Service
- No Deductible
- 24-Hour Loaner Tools
- Lifetime Product Upgrades
- Discounted Calibration Rates*
- And much more.

*Not included in HY-Care Basic.



TABLE OF CONTENTS

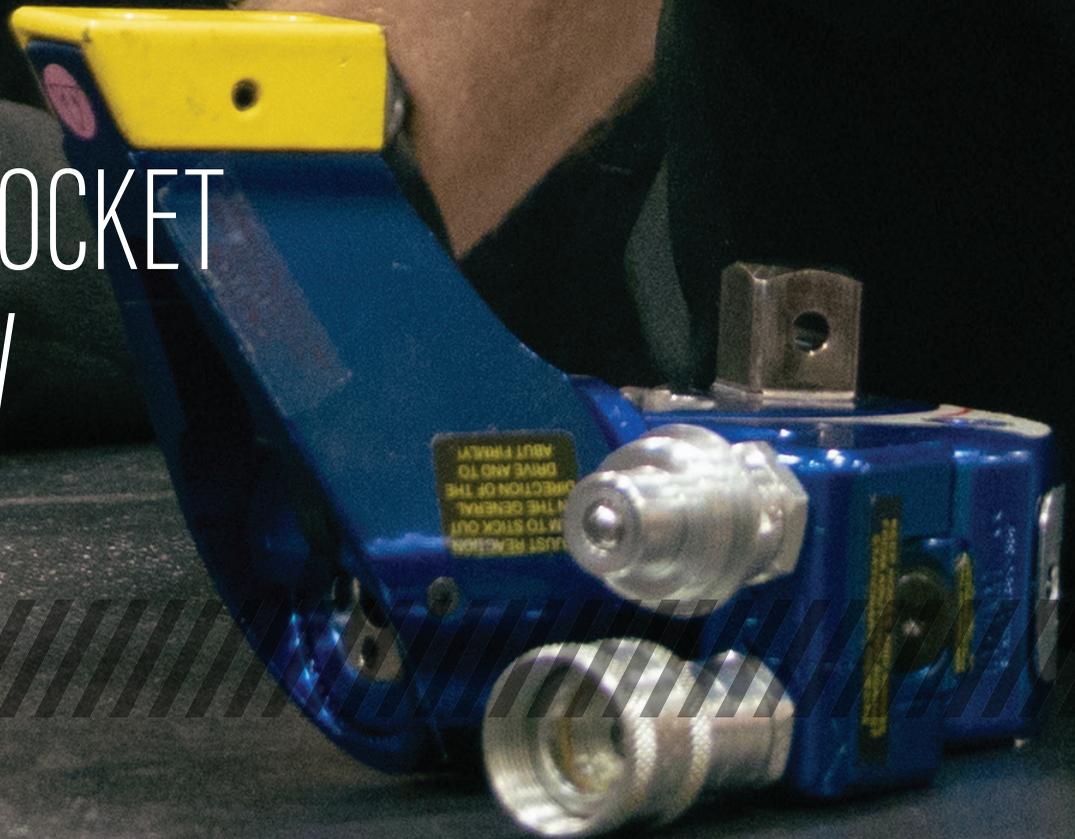
1. HYTORC Sockets Overview	7
2. Drive Sockets	9
3. Drive Male Hex Sockets	39
4. Torque Conversion Charts	47

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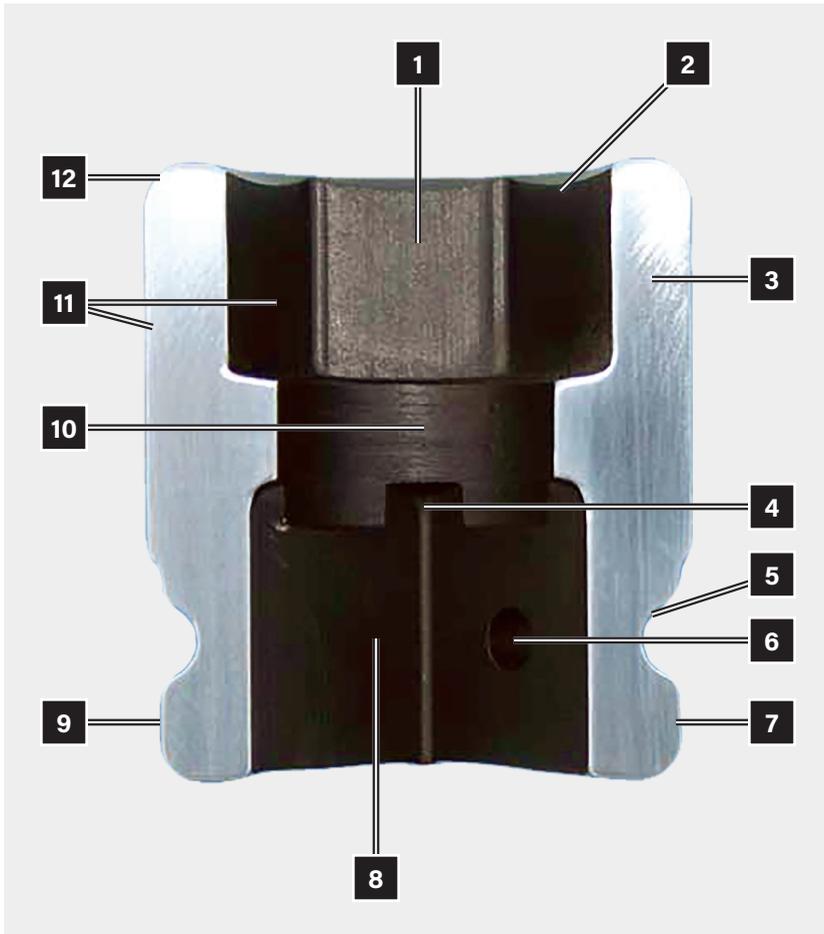


1

HYTORC SOCKET OVERVIEW



1. HYTORC Sockets Overview



Legend

1	Wrench opening with higher precision
2	Wrench opening and square drive centered and in a line. The opening shall be countersunk or chamfered to facilitate engagement onto the fastener.
3	Wrench end outside diameters are selected to provide strength and access at limited clearance.
4	Impact sockets shall be provided with through holes.
5	Groove for retaining ring.
6	Hole for locking pin.
7	Drive end diameters to handle the power delivered by any nutrunning machinery
8	Square drive with higher precision.
9	External corners shall be broken with no sharp edges.
10	A bolt clearance hole shall be provided.
11	Surfaces shall be free from detrimental defects affecting serviceability.
12	External corners shall be broken with no sharp edges.

Machine-operated sockets (impact):

ISO 2725-2 DIN 3129 BS 7794 ASME B107.2

Driving squares for power socket to:

ISO 1174-2 DIN 3121 BS 7794 ASME B10:



HYTORC SOCKETS CONFORM TO THE INTERNATIONAL STANDARDS ISO 691, 1174-2, 1711-2, 2725-2 AND 2725-3

Our sockets are ISO 9001 QUALITY certified and ISO 14001 certified for their environmental management systems. HYTORC uses the latest technology to calculate optimal socket configurations. Stress simulations also include nut-running elements and fasteners. Breaking and tensile strength, material fatigue, and resistance to wear are verified on test equipment.

Each batch of HYTORC sockets are tested for hardness in a facility that is fully equipped for tempering, annealing, case-hardening, nitrocarburizing, nitride hardening, and carbonitriding, ensuring the right properties for our sockets. Machine operated sockets will be marked permanently and legibly. The coating shall consist of a chemically produced oxide coating followed with a coating of a rust preventative. Chrome or nickel plating must not be used for machine operated sockets. A fully automated system provides a durable black oxide and rust preventative finish.

HYTORC SOCKET COATING

To help protect the environment, HYTORC socket coatings no longer contain heavy metals such as chromium, nickel, copper, and selenium. HYTORC sockets retain all the characteristics from the previous coating (black oxide) without polluting the environment with heavy metals. This newer coating has a light silver hue, which greatly improves the ability to monitor socket rotation in cramped and poorly lit surroundings.



2

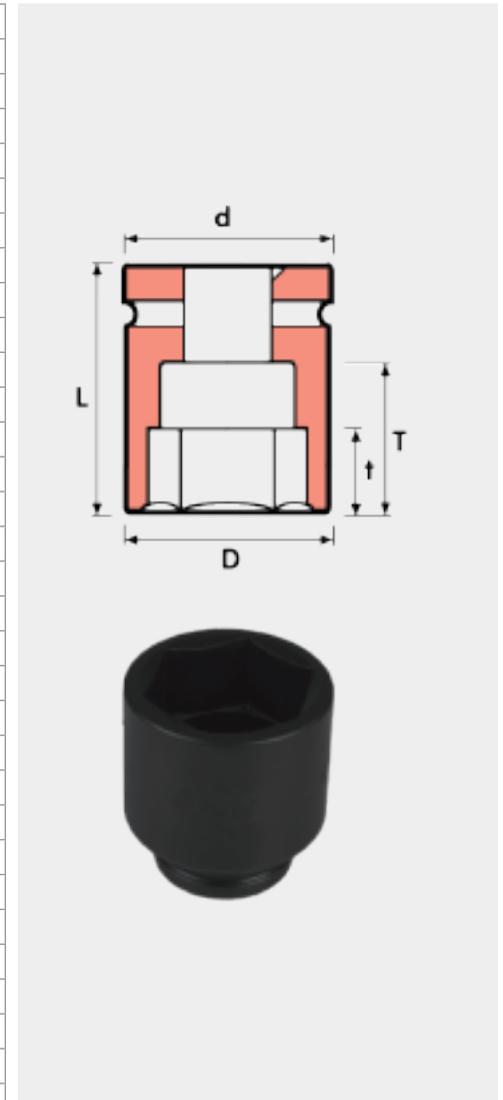
DRIVE
SOCKETS



2. Drive Sockets

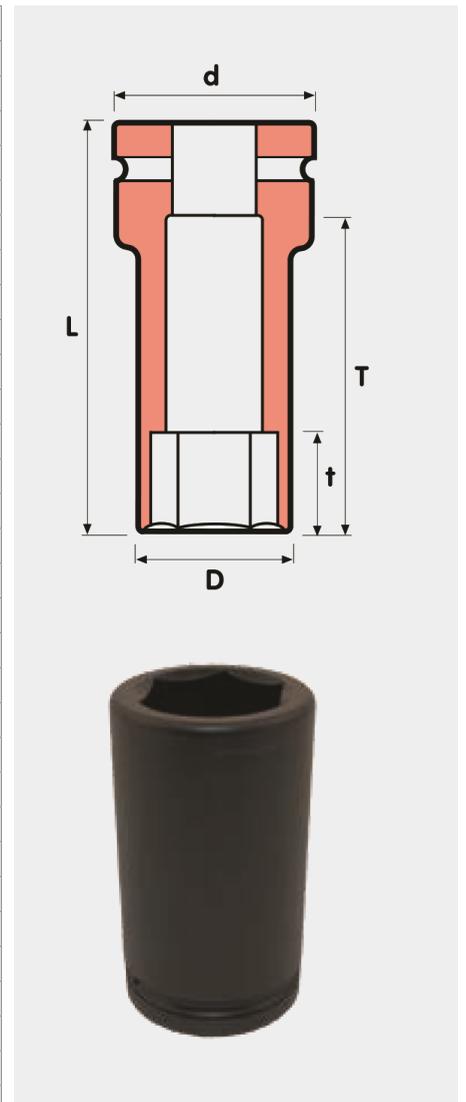
1/2" Drive 6 Point Sockets - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
6	000006MM	12	25	38	4	22	0.07
7	000007MM	13	25	38	5	22	0.07
8	000008MM	14.5	25	38	5	22	0.08
9	000009MM	16	25	38	5	22	0.09
10	000010MM	17	25	38	7	20	0.08
11	000011MM	18.5	25	38	7	20	0.08
12	000012MM	19.7	25	38	8	20	0.08
13	000013MM	21	25	38	8	20	0.09
14	000014MM	22.5	25	38	10	20	0.08
15	000015MM	23.5	30	38	10	20	0.13
16	000016MM	24.5	30	38	10	20	0.13
17	000017MM	26	30	38	10	20	0.13
18	000018MM	27.5	30	38	11	20	0.13
19	000019MM	29	30	38	11	20	0.13
20	000020MM	30	30	38	12	20	0.13
21	000021MM	31	30	38	12	20	0.13
22	000022MM	32.5	30	38	12	20	0.14
23	000023MM	33.5	30	38	13	20	0.14
24	000024MM	35	30	40	14	21	0.16
25	000025MM	37	30	40	14	22	0.18
26	000026MM	38	30	40	15	21	0.18
27	000027MM	38.5	30	45	16	25	0.21
28	000028MM	40	30	45	16	25	0.21
29	000029MM	41	30	45	17	25	0.19
30	000030MM	42.5	30	50	17	30	0.27
31	000031MM	44	40	50	17	30	0.33
32	000032MM	45	40	50	19	30	0.35
33	000033MM	46.5	40	50	19	31	0.35
34	000034MM	47	40	50	20	29	0.34
35	000035MM	49	40	56	20	35	0.35
36	000036MM	50	40	56	20	35	0.41
38	000038MM	52	40	56	21	34	0.44
41	000041MM	57	40	60	23	38	0.51
46	000046MM	63	40	65	25	42	0.84



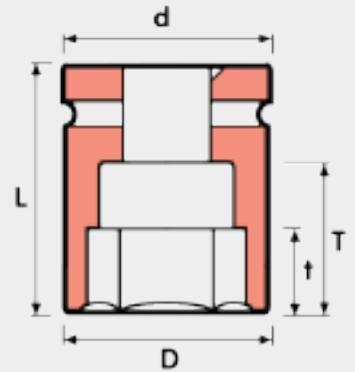
1/2" Drive 6 Point Sockets - Metric Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
8	L00008MM	14.5	25	82	5	66	0.2
9	L00009MM	16	25	82	5	66	0.2
10	L00010MM	17	25	82	7	64	0.13
11	L00011MM	18.5	25	82	7	64	0.15
12	L00012MM	19.7	25	82	8	64	0.16
13	L00013MM	21	25	82	8	64	0.17
14	L00014MM	22.5	25	82	10	64	0.19
15	L00015MM	23.5	30	82	10	64	0.24
16	L00016MM	24.5	30	82	10	64	0.22
17	L00017MM	26	30	82	10	64	0.24
18	L00018MM	27.5	30	82	11	64	0.26
19	L00019MM	29	30	82	11	64	0.28
20	L00020MM	30	30	82	12	64	0.31
21	L00021MM	31	30	82	12	64	0.31
22	L00022MM	32.5	30	82	12	63	0.3
23	L00023MM	33.5	30	82	13	63	0.33
24	L00024MM	35	30	82	14	63	0.35
25	L00025MM	37	30	82	14	64	0.35
26	L00026MM	38	30	82	15	63	0.43
27	L00027MM	38.5	30	82	16	63	0.43
28	L00028MM	40	30	82	16	63	0.45
29	L00029MM	41	30	82	17	62	0.46
30	L00030MM	42.5	30	82	17	63	0.48
31	L00031MM	44	40	82	17	62	0.56
32	L00032MM	45	40	82	19	60	0.55
33	L00033MM	46.5	40	82	19	62	0.56
34	L00034MM	47	40	82	20	61	0.59
35	L00035MM	49	40	82	20	61	0.64
36	L00036MM	50	40	82	20	61	0.64
38	L00038MM	52	40	82	21	60	0.66
41	L00041MM	57	40	82	23	60	0.84
46	L00046MM	63	40	82	25	59	0.84



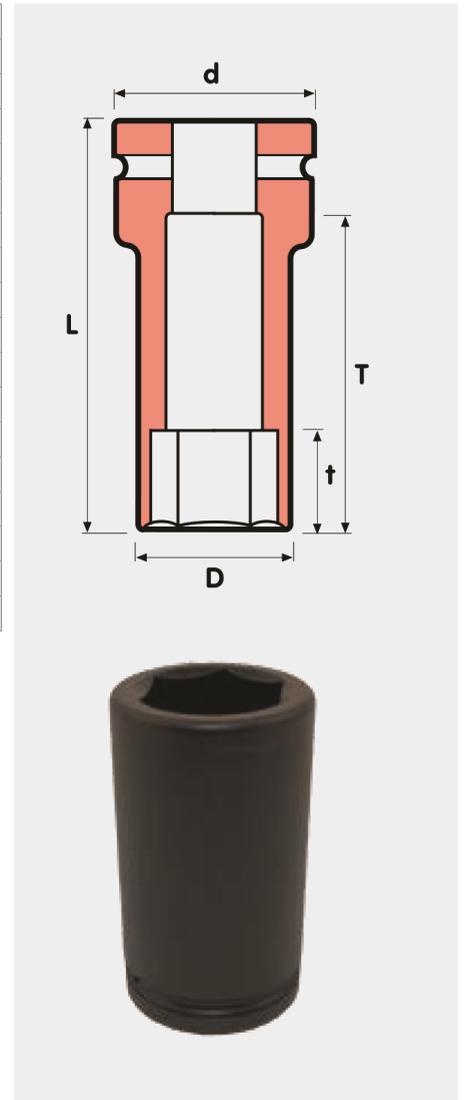
1/2" Drive 6 Point Sockets - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
1/4	000004	12	25	38	4	22	0.06
5/16	000005	14.5	25	38	5	22	0.07
3/8	000006	17	25	38	7	20	0.08
7/16	000007	18.5	25	38	7	20	0.08
1/2	000008	21	25	38	8	20	0.08
9/16	000009	22.5	25	38	10	20	0.08
5/8	000010	24.5	30	38	10	20	0.13
11/16	000011	26	30	38	10	20	0.13
3/4	000012	29	30	38	11	20	0.13
13/16	000013	31	30	38	12	20	0.13
7/8	000014	32.5	30	38	12	20	0.14
15/16	000015	35	30	40	14	21	0.16
1	000100	37	30	40	14	21	0.17
1 1/16	000101	38.5	30	45	16	25	0.21
1 1/8	000102	41	30	45	17	25	0.22
1 3/16	000103	42.5	30	50	17	30	0.27
1 1/4	000104	45	40	50	19	30	0.35
1 5/16	000105	46.5	40	50	19	30	0.29
1 7/16	000107	51	40	56	21	35	0.51



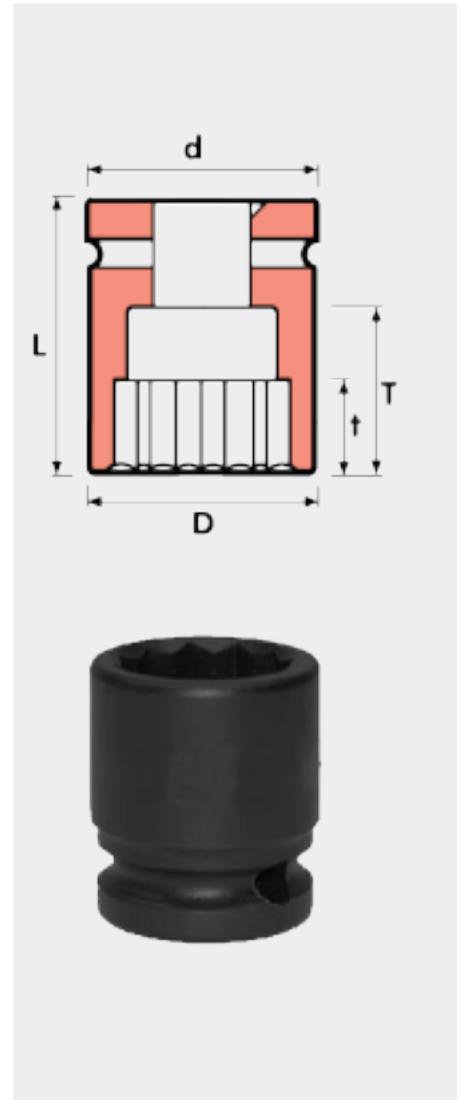
1/2" Drive 6 Point Sockets - Imperial Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
3/8	L00004	17	25	82	7	64	0.13
7/16	L00007	18.5	25	82	7	64	0.15
1/2	L00008	21	25	82	8	64	0.17
9/16	L00009	22.5	25	82	10	64	0.19
5/8	L00010	24.5	30	82	10	64	0.22
11/16	L00011	26	30	82	10	64	0.24
3/4	L00012	29	30	82	11	64	0.28
13/16	L00013	31	30	82	12	64	0.31
7/8	L00014	32.5	30	82	12	63	0.31
15/16	L00015	35	30	82	14	63	0.35
1	L00100	37	30	82	14	63	0.37
1 1/16	L00101	38.5	30	82	16	62	0.43
1 1/8	L00102	41	30	82	17	62	0.45
1 3/16	L00103	42.5	30	82	17	62	0.48
1 1/4	L00104	45	40	82	19	62	0.51
1 5/16	L00105	46.5	40	82	19	62	0.59



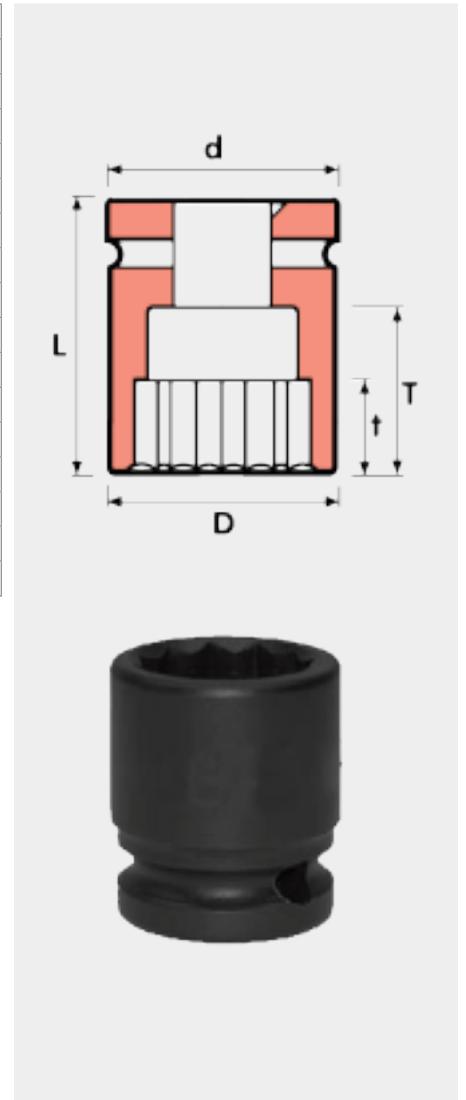
1/2" Drive 12 Point Sockets - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
10	12PT 000010MM	17	25	38	7	20	0.08
11	12PT 000011MM	18.5	25	38	7	20	0.08
12	12PT 000012MM	19.7	25	38	8	20	0.08
13	12PT 000013MM	21	25	38	8	20	0.08
14	12PT 000014MM	22.5	25	38	10	20	0.08
15	12PT 000015MM	23.5	30	38	10	20	0.09
16	12PT 000016MM	24.5	30	38	10	20	0.13
17	12PT 000017MM	26	30	38	10	20	0.13
18	12PT 000018MM	27.5	30	38	11	20	0.13
19	12PT 000019MM	29	30	38	11	20	0.13
20	12PT 000020MM	30	30	38	12	20	0.13
21	12PT 000021MM	31	30	38	12	20	0.12
22	12PT 000022MM	32.5	30	38	12	20	0.14
23	12PT 000023MM	33.5	30	38	13	20	0.14
24	12PT 000024MM	35	30	40	14	21	0.16
26	12PT 000026MM	38	30	40	15	21	0.18
27	12PT 000027MM	38.5	30	45	16	25	0.21
28	12PT 000028MM	40	30	45	16	25	0.21
30	12PT 000030MM	42.5	30	50	17	30	0.27
32	12PT 000032MM	45	40	50	19	30	0.35



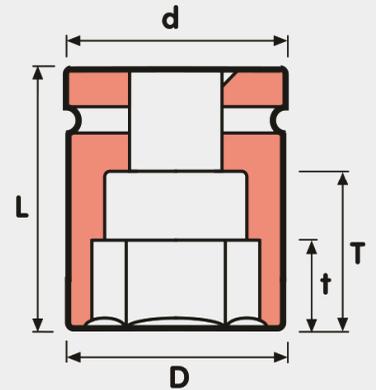
1/2" Drive 12 Point Sockets - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
3/8	12PT 000006	17	25	38	7	20	0.08
7/16	12PT 000007	18.5	25	38	7	20	0.08
1/2	12PT 000008	21	25	38	8	20	0.08
9/16	12PT 000009	22.5	25	38	10	20	0.08
5/8	12PT 000010	24.5	30	38	10	20	0.13
11/16	12PT 000011	26	30	38	10	20	0.13
3/4	12PT 000012	29	30	38	11	20	0.13
13/16	12PT 000013	31	30	38	12	20	0.13
7/8	12PT 000014	32.5	30	38	12	20	0.13
15/16	12PT 000015	35	30	40	14	21	0.16
1	12PT 000100	37	30	40	14	21	0.17
1 1/16	12PT 000101	38.5	30	45	16	25	0.21
1 1/8	12PT 000102	41	30	45	17	25	0.22
1 3/16	12PT 000103	42.5	30	50	17	30	0.27
1 1/4	12PT 000104	45	40	50	19	30	0.35



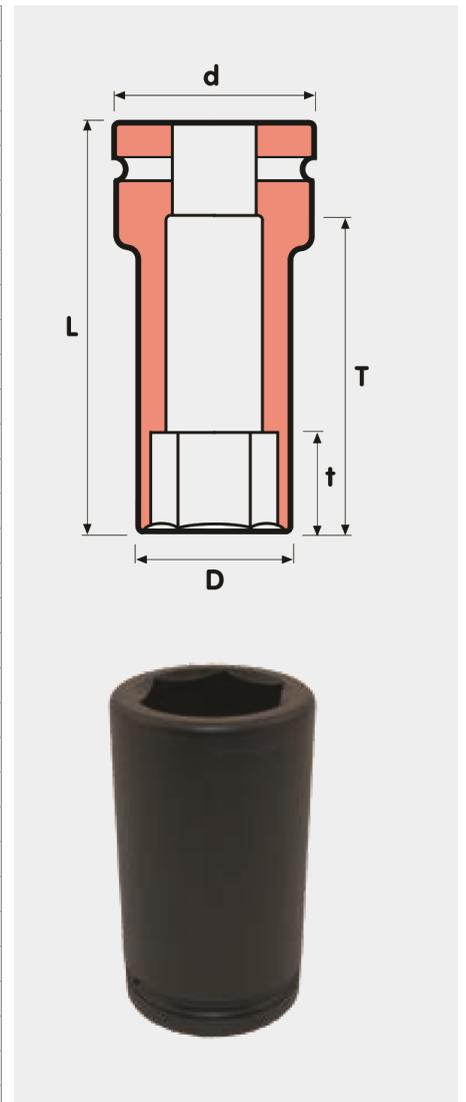
3/4" Drive 6 Point Socket - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
12	010012MM	23	44	50	8	26	0.33
13	010013MM	24	44	50	8	26	0.34
14	010014MM	26	44	50	10	26	0.34
15	010015MM	26	44	50	10	26	0.35
16	010016MM	27	44	50	10	24	0.34
17	010017MM	30	44	50	10	24	0.34
18	010018MM	31	44	50	11	24	0.35
19	010019MM	32	44	50	11	24	0.38
20	010020MM	33	44	50	12	24	0.38
21	010021MM	35	44	50	12	24	0.39
22	010022MM	35	44	50	12	24	0.38
23	010023MM	38	44	50	13	24	0.39
24	010024MM	38.5	44	50	14	24	0.38
25	010025MM	39	44	50	14	25	0.38
26	010026MM	41	44	54	15	29	0.41
27	010027MM	42	44	54	16	29	0.41
28	010028MM	44	44	54	16	29	0.42
29	010029MM	44	44	54	17	29	0.42
30	010030MM	46	44	54	17	29	0.43
31	010031MM	47	44	54	17	28	0.47
32	010032MM	48.5	44	56	19	30	0.48
33	010033MM	51	44	56	19	30	0.51
34	010034MM	52	44	56	20	30	0.52
35	010035MM	53	44	56	20	30	0.52
36	010036MM	54	44	56	20	30	0.55
37	010037MM	56	44	58	21	32	0.6
38	010038MM	57	44	58	21	32	0.62
39	010039MM	58	44	58	22	30	0.61
40	010040MM	59	44	58	22	30	0.63
41	010041MM	61	44	63	23	34	0.68
42	010042MM	62	44	63	23	34	0.75
43	010043MM	64	44	63	24	34	0.78
44	010044MM	65	44	63	24	34	0.79
45	010045MM	66	44	63	25	34	1.03
46	010046MM	67	44	63	25	34	0.85
47	010047MM	68.5	44	70	26	38	0.94
48	010048MM	69	44	70	26	46	0.92
49	010049MM	70	44	70	28	46	0.93
50	010050MM	70	44	70	28	38	0.96
51	010051MM	71	44	70	30	46	0.99
52	010052MM	72	44	70	30	46	1.12
55	010055MM	76	44	70	30	38	1.07
56	010056MM	78	44	80	30	56	1.08
57	010057MM	80	44	80	30	54	1.39
58	010058MM	81	44	80	30	53	1.35
60	010060MM	83	44	80	35	50	1.36
65	010065MM	88	44	80	35	50	1.44
67	010067MM	90	44	80	40	51	1.47
70	010070MM	95	44	80	40	50	1.77
75	010075MM	100	44	80	40	48	1.72
80	010080MM	106	44	80	40	47	1.82
82	010082MM	108	44	80	40	46	1.89
85	010085MM	112	44	80	40	46	2.11
88	010088MM	114	44	80	40	45	1.82
95	010095MM	124	44	80	40	43	2.32



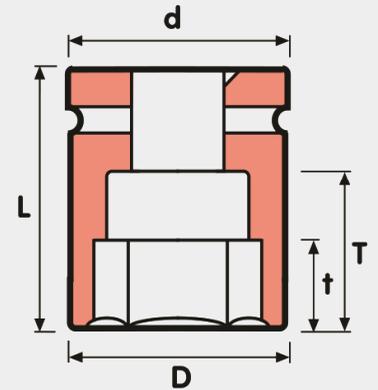
3/4" Drive 6 Point - Metric Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
12	L10012MM	25	44	100	8	76	0.65
13	L10013MM	25	44	100	8	76	0.65
14	L10014MM	27	44	100	10	76	0.37
15	L10015MM	27	44	100	10	76	0.56
16	L10016MM	28	44	100	10	74	0.52
17	L10017MM	31	44	100	10	74	0.6
18	L10018MM	32	44	100	11	74	0.64
19	L10019MM	33	44	100	11	74	0.61
20	L10020MM	34	44	100	12	74	0.65
21	L10021MM	36	44	100	12	74	0.70
22	L10022MM	36	44	100	12	74	0.7
23	L10023MM	39	44	100	13	74	0.72
24	L10024MM	39.5	44	100	14	74	0.72
25	L10025MM	40	44	100	14	75	0.57
26	L10026MM	42	44	100	15	74	0.73
27	L10027MM	43	44	100	16	74	0.75
28	L10028MM	44	44	100	16	74	0.77
29	L10029MM	44	44	100	17	74	0.73
30	L10030MM	46	44	100	17	74	0.83
31	L10031MM	47	44	100	17	74	0.84
32	L10032MM	48.5	44	100	19	74	0.89
33	L10033MM	51	44	100	19	74	0.99
34	L10034MM	52	44	100	20	74	1.00
35	L10035MM	53	44	100	20	74	1.00
36	L10036MM	54	44	100	20	74	1.04
37	L10037MM	56	44	100	21	74	1.12
38	L10038MM	57	44	100	21	72	1.18
40	L10040MM	59	44	100	22	72	1.28
41	L10041MM	61	44	100	23	72	1.27
42	L10042MM	62	44	100	23	72	1.23
43	L10043MM	64	44	100	24	72	1.35
44	L10044MM	65	44	100	24	71	1.35
45	L10045MM	66	44	100	25	71	1.35
46	L10046MM	67	44	100	25	72	1.5
47	L10047MM	68.5	44	100	26	76	1.46
48	L10048MM	69	44	100	26	76	1.61
50	L10050MM	70	44	100	28	72	1.34
51	L10051MM	71	44	100	30	76	1.4
52	L10052MM	72	44	100	30	76	1.84
55	L10055MM	76	44	100	30	72	1.53
56	L10056MM	78	44	100	30	76	1.65
60	L10060MM	83	44	125	35	98	2.27
65	L10065MM	88	44	125	35	96	2.39
70	L10070MM	95	44	125	40	95	2.77
75	L10075MM	100	44	125	40	93	
95	L10095MM	124	44	125	40	88	4.07



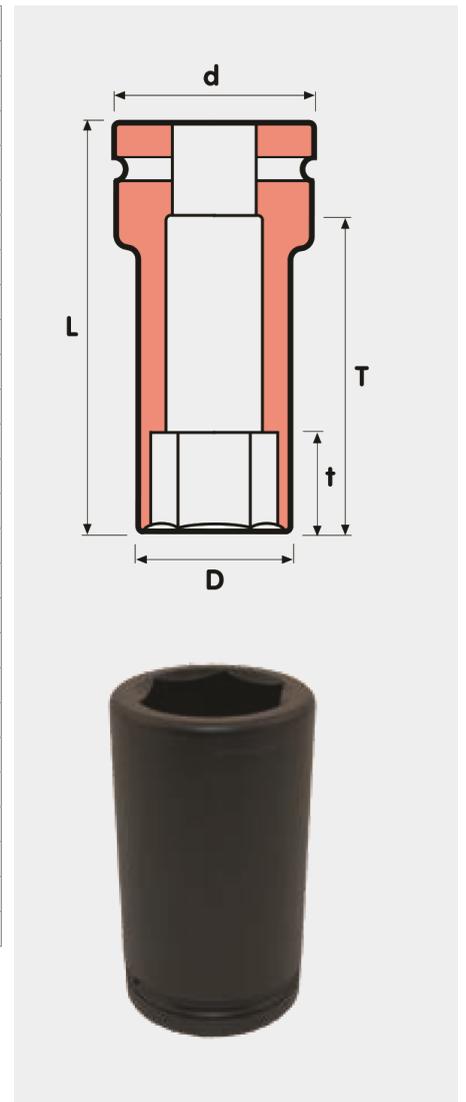
3/4" Drive 6 Point Socket - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
1/2	010008	24	44	50	8	26	0.32
9/16	010009	26	44	50	10	26	0.27
5/8	010010	27	44	50	10	24	0.34
11/16	010011	30	44	50	10	24	0.34
3/4	010012	32	44	50	11	24	0.38
13/16	010013	35	44	50	12	24	0.4
7/8	010014	35	44	50	12	24	0.38
15/16	010015	38.5	44	50	14	24	0.39
1	010100	39	44	50	14	24	0.4
1 1/16	010101	42	44	54	16	29	0.41
1 1/8	010102	44	44	54	16	29	0.42
1 3/16	010103	46	44	54	17	29	0.43
1 1/4	010104	48.5	44	56	19	30	0.48
1 5/16	010105	51	44	56	19	30	0.52
1 3/8	010106	53	44	56	20	30	0.52
1 7/16	010107	56	44	58	21	32	0.58
1 1/2	010108	57	44	58	21	32	0.62
1 9/16	010109	59	44	58	22	32	0.65
1 5/8	010110	61	44	63	23	34	0.68
1 11/16	010111	64	44	63	24	34	0.78
1 3/4	010112	65	44	63	24	34	0.8
1 13/16	010113	67	44	63	25	34	0.85
1 7/8	010114	69	44	70	26	38	0.95
1 15/16	010115	70	44	70	28	46	1.15
2	010200	71	44	70	30	38	0.99
2 1/16	010201	72	44	70	30	46	0.92
2 1/8	010202	74	44	70	30	46	0.95
2 3/16	010203	78	44	80	30	56	1.34
2 1/4	010204	80	44	80	30	54	1.32
2 5/16	010205	81	44	80	30	53	1.43
2 3/8	010206	83	44	80	35	53	1.43
2 1/2	010208	86	44	80	35	52	1.41
2 9/16	010209	88	44	80	35	51	1.44
2 3/4	010212	95	44	80	40	50	1.77
3 3/4	010312	124	44	80	40	43	2.32



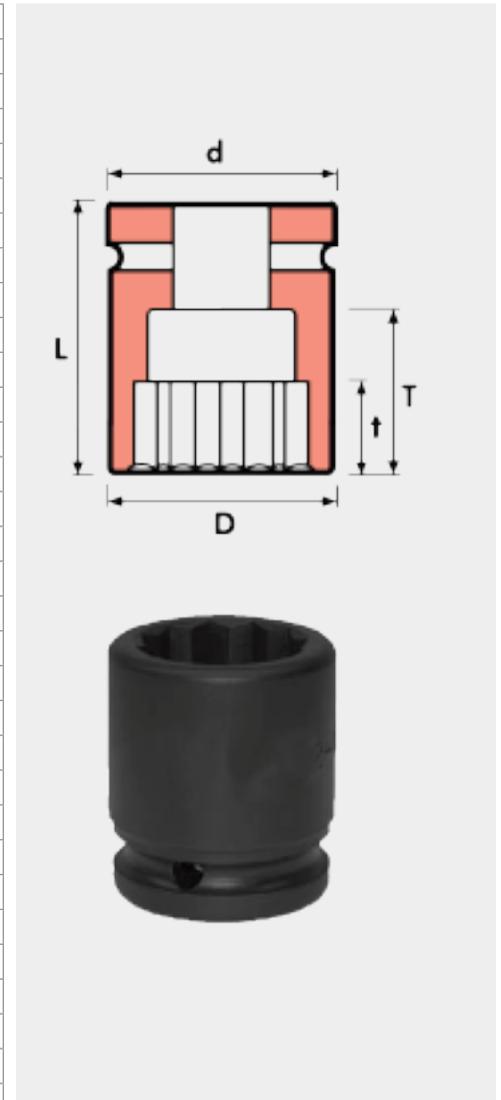
3/4" Drive 6 Point Socket - Imperial Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
5/8	L10010	28	44	100	10	74	0.63
11/16	L10011	31	44	100	10	74	0.6
3/4	L10012	33	44	100	11	74	0.61
13/16	L10013	36	44	100	12	74	0.68
7/8	L10014	36	44	100	12	74	0.7
15/16	L10015	39.5	44	100	14	74	0.72
1	L10100	40	44	100	14	74	0.68
1 1/16	L10101	43	44	100	16	74	0.75
1 1/8	L10102	44	44	100	16	74	0.77
1 3/16	L10103	46	44	100	17	74	0.83
1 1/4	L10104	48.5	44	100	19	74	0.85
1 5/16	L10105	51	44	100	19	74	1.00
1 3/8	L10106	53	44	100	20	74	1.00
1 7/16	L10107	56	44	100	21	74	1.12
1 1/2	L10108	57	44	100	21	72	1.18
1 9/16	L10109	59	44	100	22	72	1.22
1 5/8	L10110	61	44	100	23	72	1.27
1 11/16	L10111	64	44	100	24	72	1.35
1 3/4	L10112	65	44	100	24	71	1.51
1 13/16	L10113	67	44	100	25	72	1.5
1 7/8	L10114	69	44	100	26	72	1.5
2	L10200	71	44	100	30	72	1.39
2 9/16	L10209	88	44	125	35	96	2.39
2 3/4	L10212	95	44	125	40	95	2.77
3 3/4	L10312	124	44	125	40	88	4.07



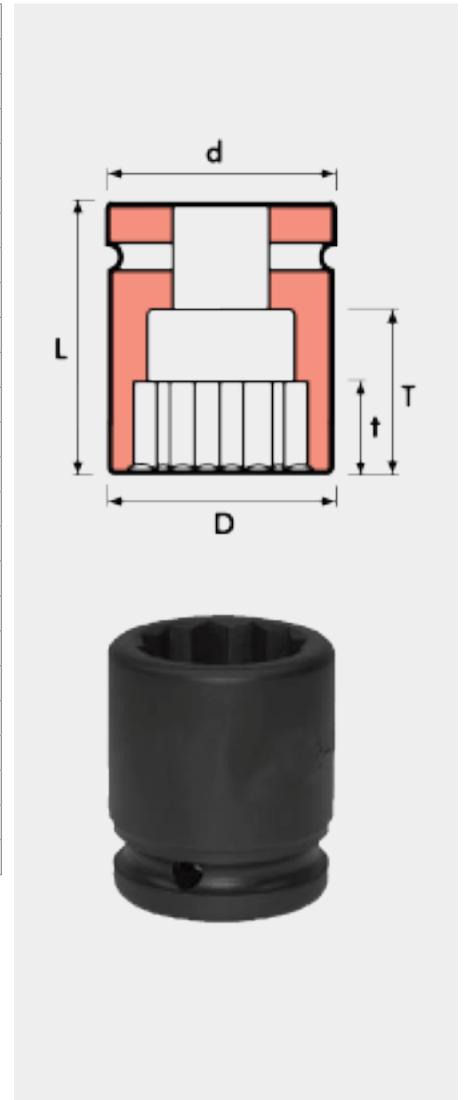
3/4" Drive 12 Point Socket- Metric Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
16	12PT L10016MM	27	44	50	10	24	0.36
17	12PT L10017MM	30	44	50	10	24	0.36
18	12PT L10018MM	31	44	50	11	24	0.36
19	12PT L10019MM	32	44	50	11	24	0.37
20	12PT L10020MM	33	44	50	12	24	0.36
21	12PT L10021MM	35	44	50	12	24	0.36
22	12PT L10022MM	35	44	50	12	24	0.38
23	12PT L10023MM	38	44	50	13	24	0.36
24	12PT L10024MM	38.5	44	50	14	24	0.38
26	12PT L10026MM	41	44	54	15	29	0.41
27	12PT L10027MM	42	44	54	16	29	0.41
28	12PT L10028MM	44	44	54	16	29	0.42
29	12PT L10029MM	44	44	54	17	29	0.42
30	12PT L10030MM	46	44	54	17	29	0.43
32	12PT L10032MM	48.5	44	56	19	30	0.48
33	12PT L10033MM	51	44	56	19	30	0.52
34	12PT L10034MM	52	44	56	20	30	0.36
35	12PT L10035MM	53	44	56	20	30	0.52
36	12PT L10036MM	54	44	56	20	30	0.55
37	12PT L10037MM	56	44	58	21	32	0.6
38	12PT L10038MM	57	44	58	21	32	0.61
41	12PT L10041MM	61	44	63	23	34	0.68
42	12PT L10042MM	62	44	63	23	34	0.75
43	12PT L10043MM	64	44	63	24	34	0.78
46	12PT L10046MM	67	44	63	25	34	0.84
47	12PT L10047MM	68.5	44	70	26	38	0.94
50	12PT L10050MM	70	44	70	28	38	1.00
55	12PT L10055MM	76	44	70	30	38	0.97
60	12PT L10060MM	83	44	80	35	50	1.32
65	12PT L10065MM	88	44	80	35	50	1.44



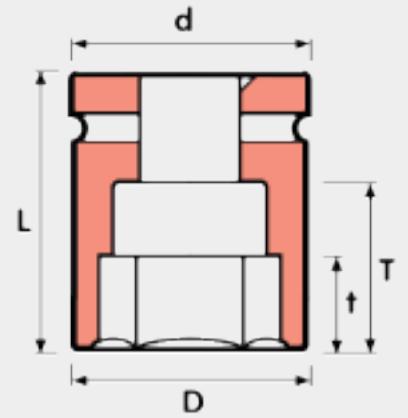
3/4" Drive 12 Point Socket - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
5/8	12PT 010010	27	44	50	10	24	0.33
11/16	12PT 010011	30	44	50	10	24	0.36
3/4	12PT 010012	32	44	50	11	24	0.37
13/16	12PT 010013	35	44	50	12	24	0.37
7/8	12PT 010014	35	44	50	12	24	0.33
15/16	12PT 010015	38.5	44	50	14	24	0.37
1	12PT 010100	39	44	50	14	24	0.38
1 1/16	12PT 010101	42	44	54	16	29	0.41
1 1/8	12PT 010102	44	44	54	16	29	0.39
1 3/16	12PT 010103	46	44	54	17	29	0.43
1 1/4	12PT 010104	48.5	44	56	19	30	0.45
1 5/16	12PT 010105	51	44	56	19	30	0.5
1 3/8	12PT 010106	53	44	56	20	30	0.52
1 7/16	12PT 010107	56	44	58	21	32	0.58
1 1/2	12PT 010108	57	44	58	21	32	0.61
1 9/16	12PT 010109	59	44	58	22	32	0.65
1 5/8	12PT 010110	61	44	63	23	34	0.68
1 11/16	12PT 010111	64	44	63	24	34	0.78
1 3/4	12PT 010112	65	44	63	24	34	0.82
1 13/16	12PT 010113	67	44	63	25	34	0.84
1 7/8	12PT 010114	69	44	70	26	38	0.91
2	12PT 010200	71	44	70	30	38	0.94
2 9/16	12PT 010209	88	44	80	35	50	1.44



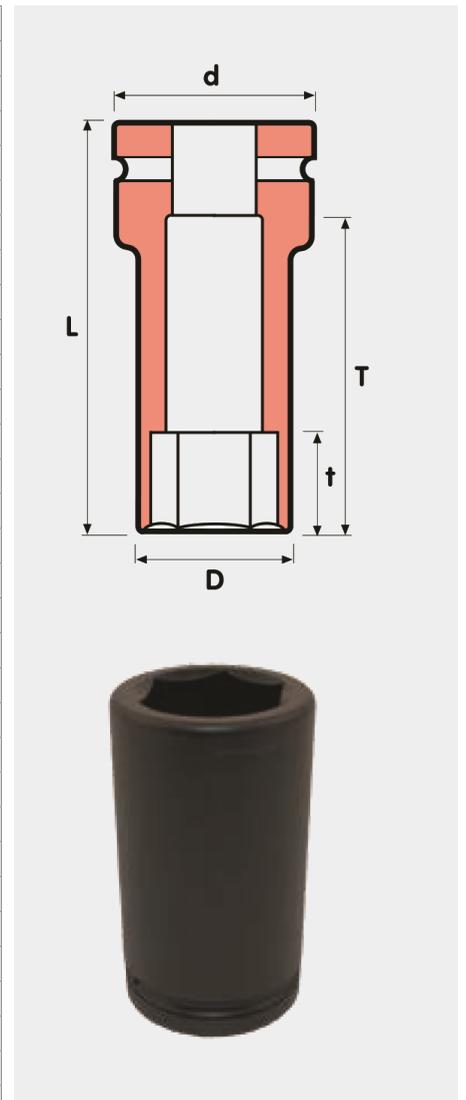
1" Drive 6 Point Socket - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight kg
		mm	mm	mm	mm	mm	
17	020017MM	33	54	59	10	30	0.72
18	020018MM	34	54	59	11	30	0.63
19	020019MM	35	54	59	11	27	0.63
20	020020MM	36	54	59	12	30	0.62
21	020021MM	36	54	59	12	27	0.67
22	020022MM	37	54	59	12	27	0.66
23	020023MM	38	54	59	14	27	0.64
24	020024MM	38	54	59	14	27	0.62
25	020025MM	41	54	59	14	30	0.64
26	020026MM	43	54	59	15	27	0.63
27	020027MM	44	54	59	16	27	0.65
28	020028MM	47	54	61	16	29	0.68
29	020029MM	47	54	61	17	29	0.68
30	020030MM	50	54	61	17	29	0.69
31	020031MM	50	54	61	17	32	0.67
32	020032MM	52	54	61	19	29	0.68
33	020033MM	54	54	61	19	29	0.69
34	020034MM	54	54	61	20	29	0.67
35	020035MM	57	54	65	20	33	0.79
36	020036MM	57	54	65	20	33	0.79
37	020037MM	58	54	65	21	33	0.80
38	020038MM	59	54	65	21	33	0.82
39	020039MM	59	54	65	22	34	0.74
40	020040MM	61	54	65	22	34	0.80
41	020041MM	63	54	70	23	38	0.95
42	020042MM	64	54	70	23	38	0.97
43	020043MM	64	54	70	24	40	0.95
44	020044MM	67	54	70	24	38	1.00
45	020045MM	68	54	70	25	38	1.00
46	020046MM	69	54	75	25	42	1.12
47	020047MM	71	54	75	26	43	1.18
48	020048MM	72	54	75	26	43	1.20
49	020049MM	73	54	75	28	46	1.16
50	020050MM	75	54	80	28	48	1.36
51	020051MM	76	54	80	30	51	1.38
52	020052MM	78	54	80	30	48	1.45
53	020053MM	79	62	83	30	54	1.79
54	020054MM	80	62	83	30	54	1.78
55	020055MM	81	62	83	30	50	1.74
56	020056MM	82	62	83	30	52	1.78
57	020057MM	85	62	83	30	54	1.88
58	020058MM	86	62	83	30	54	1.84
60	020060MM	87	62	83	33	52	1.80
61	020061MM	88	62	83	33	54	1.84
62	020062MM	91	62	86	35	53	2.07
63	020063MM	92	62	86	35	53	2.08
64	020064MM	92	62	86	35	53	2.04
65	020065MM	94	62	86	35	54	2.10
66	020066MM	95	62	86	38	52	2.13
70	020070MM	100	62	86	38	54	2.27
71	020071MM	102	76	86	38	50	2.72
74	020074MM	106	76	86	38	50	2.85
75	020075MM	107	76	86	38	54	2.87
76	020076MM	108	76	86	38	49	2.92
77	020077MM	109	76	86	38	49	1.08
80	020080MM	113	76	90	38	58	3.42
82	020082MM	115	76	90	38	51	3.30
84	020084MM	116	76	90	38	51	3.25
85	020085MM	117	76	90	38	58	3.46
87	020087MM	120	76	90	38	50	3.41
88	020088MM	120	76	90	38	50	3.35
90	020090MM	124	76	100	45	67	4.3
94	020094MM	128	76	100	45	58	4.13
95	020095MM	129	76	100	45	66	4.40
96	020096MM	132	76	100	45	57	4.40
100	020100MM	136	76	100	45	65	4.50
105	020105MM	142	76	100	50	55	4.75
110	020110MM	147	76	100	50	53	4.91
115	020115MM	153	76	100	50	52	5.20
120	020120MM	161	76	100	50	50	5.69



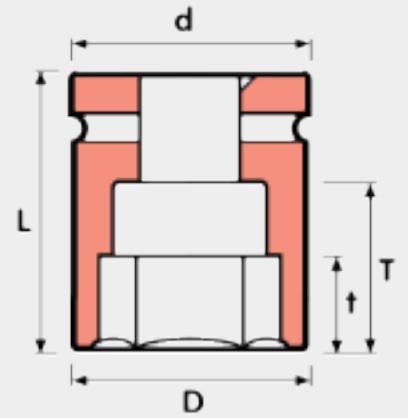
1" Drive 6 Point Socket - Metric Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
19	L20019MM	35	54	100	11	71	1.30
21	L20021MM	36	54	100	12	71	1.31
22	L20022MM	37	54	100	12	71	0.88
23	L20023MM	38	54	100	14	68	0.88
24	L20024MM	38	54	100	14	68	0.89
25	L20025MM	41	54	100	14	71	1.29
26	L20026MM	43	54	100	15	71	0.99
27	L20027MM	44	54	100	16	68	0.99
28	L20028MM	47	54	100	16	68	1.07
29	L20029MM	47	54	100	17	71	1.03
30	L20030MM	50	54	100	17	68	1.15
31	L20031MM	50	54	100	17	71	1.20
32	L20032MM	52	54	100	19	68	1.17
35	L20035MM	57	54	100	20	68	1.25
36	L20036MM	57	54	100	20	68	1.18
37	L20037MM	58	54	100	21	68	1.26
38	L20038MM	59	54	100	21	67	1.32
39	L20039MM	59	54	100	22	69	1.3
40	L20040MM	61	54	100	22	69	1.33
41	L20041MM	63	54	100	23	67	1.41
42	L20042MM	64	54	100	23	67	1.44
43	L20043MM	64	54	100	24	67	1.46
44	L20044MM	67	54	115	24	83	1.97
45	L20045MM	68	54	115	25	83	1.98
46	L20046MM	69	54	115	25	82	1.85
47	L20047MM	71	54	115	26	83	1.93
48	L20048MM	72	54	115	26	86	1.94
49	L20049MM	73	54	115	28	86	1.16
50	L20050MM	75	54	125	28	93	2.22
51	L20051MM	76	54	125	30	96	2.26
52	L20052MM	78	54	125	30	93	2.38
55	L20055MM	81	62	125	30	93	2.67
56	L20056MM	82	62	125	30	93	2.80
57	L20057MM	85	62	125	30	96	2.80
60	L20060MM	87	62	125	33	93	2.90
65	L20065MM	94	62	135	35	105	3.63
70	L20070MM	100	62	135	38	105	3.83
75	L20075MM	107	76	135	38	105	4.80
80	L20080MM	113	76	140	38	108	5.15
85	L20085MM	117	76	140	38	100	5.90
90	L20090MM	124	76	140	45	99	5.74
95	L20095MM	129	76	140	45	98	5.83



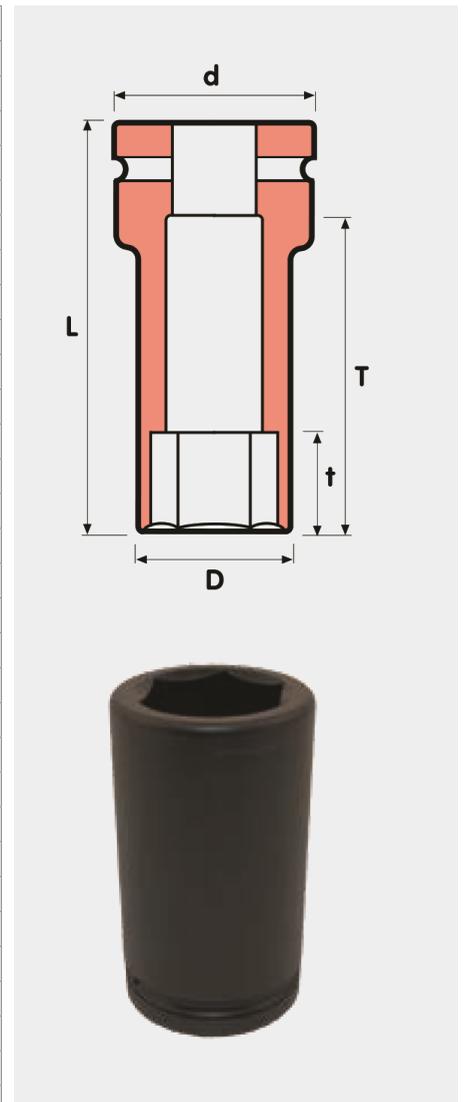
1" Drive 6 Point Socket - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
3/4	020012	35	54	59	11	27	0.63
13/16	020013	36	54	59	12	30	0.65
7/8	020014	37	54	59	12	27	0.66
15/16	020015	38	54	59	14	27	0.62
1	020100	41	54	59	14	27	0.64
1 1/16	020101	44	54	59	16	27	0.65
1 1/8	020102	47	54	59	16	29	0.68
1 3/16	020103	50	54	61	17	29	0.69
1 1/4	020104	52	54	61	19	29	0.68
1 5/16	020105	54	54	61	19	29	0.69
1 3/8	020106	57	54	65	20	33	0.79
1 7/16	020107	58	54	65	21	33	0.78
1 1/2	020108	59	54	65	21	33	0.82
1 9/16	020109	61	54	65	22	33	0.86
1 5/8	020110	63	54	70	23	38	0.95
1 11/16	020111	64	54	70	24	40	0.95
1 3/4	020112	67	54	70	24	40	1.02
1 13/16	020113	69	54	75	25	42	1.12
1 7/8	020114	72	54	75	26	43	1.21
1 15/16	020115	73	54	75	28	43	1.30
2	020200	76	54	80	30	48	1.40
2 1/16	020201	78	54	80	30	48	1.45
2 1/8	020202	80	62	83	30	50	1.70
2 3/16	020203	82	62	83	30	52	1.80
2 1/4	020204	85	62	83	30	52	1.88
2 5/16	020205	86	62	83	30	52	1.90
2 3/8	020206	87	62	83	33	52	1.80
2 7/16	020207	91	62	86	35	53	2.00
2 1/2	020208	92	62	86	35	53	2.00
2 9/16	020209	94	62	86	35	54	2.10
2 5/8	020210	96	62	86	38	54	2.28
2 11/16	020211	99	62	86	38	54	2.35
2 3/4	020212	100	62	86	38	54	2.27
2 13/16	020213	102	76	86	38	54	2.68
2 7/8	020214	104	76	86	38	54	2.90
2 15/16	020215	107	76	86	38	54	3.00
3	020300	108	76	86	38	54	3.04
3 1/16	020301	109	76	86	38	54	3.10
3 1/8	020302	113	76	90	38	58	3.40
3 3/16	020303	114	76	90	38	52	3.28
3 1/4	020304	115	76	90	38	58	3.24
3 5/16	020305	116	76	90	38	51	3.27
3 3/8	020306	117	76	90	38	58	3.40
3 7/16	020307	120	76	90	38	50	3.37
3 1/2	020308	122	76	90	38	57	3.60
3 5/8	020310	126	76	100	45	66	4.05
3 3/4	020312	129	76	100	45	66	4.40
3 7/8	020314	134	76	100	45	65	4.40
4	020400	138	76	100	45	56	4.63
4 1/8	020402	142	76	100	50	55	4.75
4 5/8	020410	157	76	100	50	51	5.43
4 3/4	020412	161	76	100	50	50	5.73



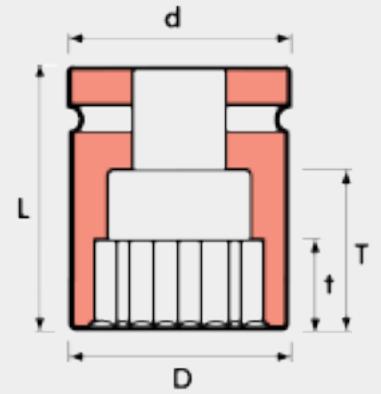
1" Drive 6 Point Socket - Imperial Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
3/4	L20012	35	54	100	11	71	1.3
13/16	L20013	37	54	100	12	71	0.86
7/8	L20014	38	54	100	12	71	0.87
15/16	L20015	39	54	100	14	68	0.89
1	L20100	42	54	100	14	68	0.93
1 1/16	L20101	44	54	100	16	68	0.99
1 1/8	L20102	48	54	100	24	68	1.07
1 3/16	L20103	50	54	100	17	68	1.15
1 1/4	L20104	53	54	100	19	68	1.17
1 5/16	L20105	54	54	100	19	68	1.19
1 3/8	L20106	57	54	100	20	68	1.25
1 7/16	L20107	58	54	100	21	68	1.31
1 1/2	L20108	59	54	100	21	68	1.32
1 9/16	L20109	61	54	100	22	67	1.38
1 5/8	L20110	63	54	100	23	67	1.41
1 11/16	L20111	64	54	100	24	67	1.46
1 3/4	L20112	67	54	115	24	82	1.85
1 13/16	L20113	69	54	115	25	82	1.85
1 7/8	L20114	72	54	115	26	82	2.00
1 15/16	L20115	73	54	115	28	82	2.1
2	L20200	76	54	125	30	93	2.3
2 1/16	L20201	78	54	125	30	93	2.4
2 1/8	L20202	80	62	125	30	93	2.6
2 3/16	L20203	82	62	125	30	93	2.8
2 1/4	L20204	85	62	125	30	93	2.8
2 5/16	L20205	86	62	125	30	93	2.9
2 3/8	L20206	87	62	125	33	93	2.9
2 7/16	L20207	91	62	135	35	107	3.3
2 1/2	L20208	92	62	135	35	107	3.55
2 9/16	L20209	94	62	135	35	107	3.63
2 5/8	L20210	96	62	135	38	107	3.7
2 11/16	L20211	99	62	135	38	107	3.80
2 3/4	L20212	100	62	135	38	107	3.83
2 13/16	L20213	102	76	135	38	100	4.25
2 7/8	L20214	104	76	135	38	99	4.42
2 15/16	L20215	107	76	135	38	99	4.62
3	L20300	108	76	135	38	98	4.82
3 1/16	L20301	109	76	135	38	98	4.71
3 1/8	L20302	113	76	140	38	102	5.3
3 1/4	L20304	115	76	140	35	101	5.31
3 3/4	L20312	129	76	140	45	98	5.83
3 7/8	L20314	134	76	140	45	97	6.40



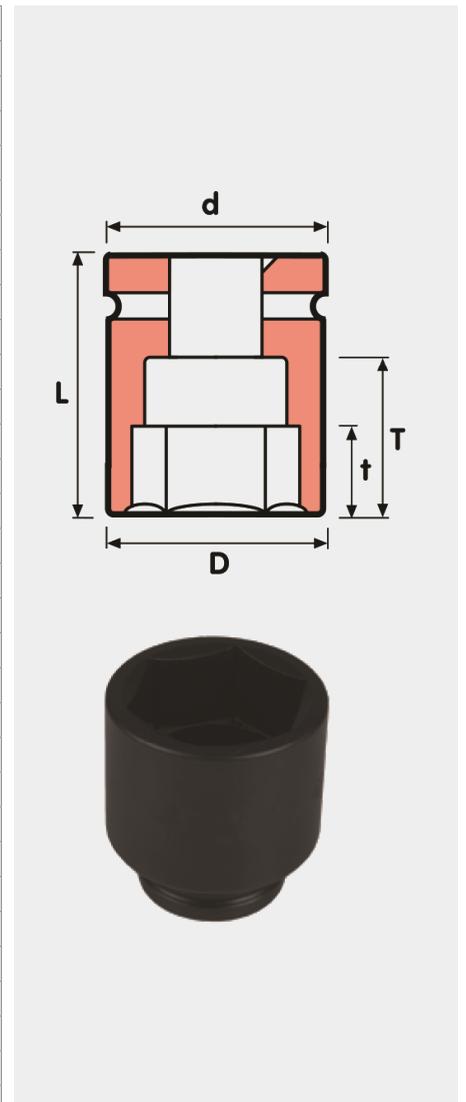
1" Drive 12 Point Socket - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight kg
		mm	mm	mm	mm	mm	
22	12PT 020022MM	37	54	59	12	27	0.62
24	12PT 020024MM	38	54	59	14	27	0.61
26	12PT 020026MM	43	54	59	15	27	0.63
27	12PT 020027MM	44	54	59	16	27	0.64
28	12PT 020028MM	47	54	61	16	29	0.68
29	12PT 020029MM	47	54	61	17	29	0.66
30	12PT 020030MM	50	54	61	17	29	0.68
32	12PT 020032MM	52	54	61	19	29	0.68
35	12PT 020035MM	57	54	65	20	33	0.79
36	12PT 020036MM	57	54	65	20	33	0.79
37	12PT 020037MM	58	54	65	21	33	0.80
38	12PT 020038MM	59	54	65	21	33	0.82
41	12PT 020041MM	63	54	70	23	38	0.95
42	12PT 020042MM	64	54	70	23	38	0.97
43	12PT 020043MM	64	54	70	24	40	0.95
46	12PT 020046MM	69	54	75	25	42	1.12
50	12PT 020050MM	75	54	80	28	48	1.36
55	12PT 020055MM	81	62	83	30	50	1.74
56	12PT 020056MM	82	62	83	30	52	1.78
60	12PT 020060MM	87	62	83	33	52	1.90
65	12PT 020065MM	94	62	86	35	54	2.26
70	12PT 020070MM	100	62	86	38	54	2.44
75	12PT 020075MM	107	76	86	38	54	3.02
80	12PT 020080MM	113	76	90	38	58	3.11
85	12PT 020085MM	117	76	90	38	58	3.46
90	12PT 020090MM	124	76	100	45	67	4.30
95	12PT 020095MM	129	76	100	45	66	4.40
100	12PT 020100MM	136	76	100	45	65	4.50



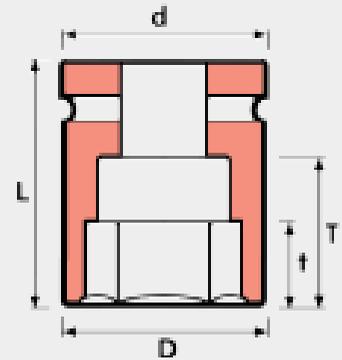
1" Drive 12 Point Socket - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
7/8	12PT 020014	37	54	59	12	27	0.66
15/16	12PT 020015	38	54	59	14	27	0.62
1	12PT 020100	41	54	59	14	27	0.64
1 1/16	12PT 020101	44	54	59	16	27	0.65
1 1/8	12PT 020102	47	54	59	16	29	0.68
1 3/16	12PT 020103	50	54	61	17	29	0.69
1 1/4	12PT 020104	52	54	61	19	29	0.68
1 5/16	12PT 020105	54	54	61	19	29	0.69
1 3/8	12PT 020106	57	54	65	20	33	0.79
1 7/16	12PT 020107	58	54	65	21	33	0.78
1 1/2	12PT 020108	59	54	65	21	33	0.82
1 9/16	12PT 020109	61	54	65	22	33	0.86
1 5/8	12PT 020110	63	54	70	23	38	0.95
1 11/16	12PT 020111	64	54	70	24	40	0.95
1 3/4	12PT 020112	67	54	70	24	40	1.02
1 13/16	12PT 020113	69	54	75	25	42	1.12
1 7/8	12PT 020114	72	54	75	26	43	1.21
1 15/16	12PT 020115	73	54	75	28	43	1.30
2	12PT 020200	76	54	80	30	48	1.40
2 1/16	12PT 020201	78	54	80	30	48	1.45
2 1/8	12PT 020202	80	62	83	30	50	1.70
2 3/16	12PT 020203	82	62	83	30	52	1.80
2 1/4	12PT 020204	85	62	83	30	52	1.88
2 5/16	12PT 020205	86	62	83	30	52	1.90
2 3/8	12PT 020206	87	62	83	33	52	1.80
2 7/16	12PT 020207	91	62	86	35	53	2.00
2 1/2	12PT 020208	92	62	86	35	53	2.00
2 9/16	12PT 020209	94	62	86	35	54	2.10
2 5/8	12PT 020210	96	62	86	38	54	2.28
2 11/16	12PT 020211	99	62	86	38	54	2.35
2 3/4	12PT 020212	100	62	86	38	54	2.27
2 13/16	12PT 020213	102	76	86	38	54	2.68
2 7/8	12PT 020214	104	76	86	38	54	2.90
2 15/16	12PT 020215	107	76	86	38	54	3.00
3	12PT 020300	108	76	86	38	54	3.04
3 1/16	12PT 020301	109	76	86	38	54	3.10
3 1/8	12PT 020302	113	76	90	38	58	3.40
3 1/4	12PT 020303	115	76	90	38	58	3.24
3 3/8	12PT 020306	117	76	90	38	58	3.40
3 1/2	12PT 020308	122	76	90	38	57	3.60
3 5/8	12PT 020310	126	76	100	45	66	4.05
3 3/4	12PT 020312	129	76	100	45	66	4.40
3 7/8	12PT 020314	134	76	100	45	65	4.40



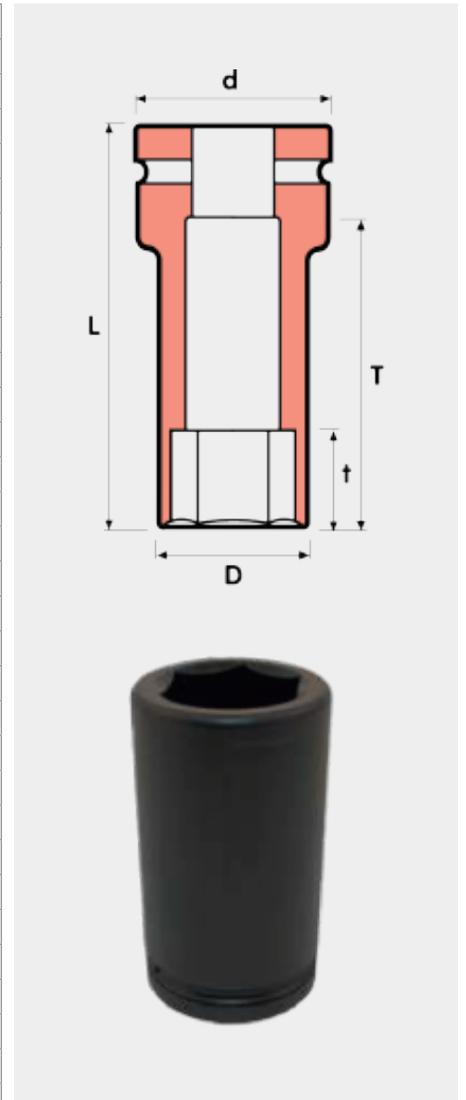
1-1/2" Drive 6 Point Socket - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
22	080022MM	46	84	80	14	38	1.95
24	080024MM	48	84	80	14	38	1.96
25	080025MM	50	84	80	14	38	2.00
27	080027MM	54	84	80	16	38	2.07
30	080030MM	56	84	80	17	38	2.07
32	080032MM	59	84	80	19	38	2.13
33	080033MM	59	84	80	19	38	2.13
34	080034MM	61	84	80	20	38	2.15
35	080035MM	61	84	80	20	36	2.10
36	080036MM	63	84	84	21	36	2.30
37	080037MM	65	84	84	21	42	2.19
38	080038MM	65	84	84	21	36	2.30
41	080041MM	70	84	84	23	36	2.29
42	080042MM	71	84	84	23	36	2.26
43	080043MM	73	84	84	24	36	2.40
46	080046MM	76	84	87	25	40	2.40
47	080047MM	78	84	87	26	40	2.40
48	080048MM	79	84	87	26	40	2.40
50	080050MM	81	84	90	28	43	2.40
52	080052MM	83	84	90	30	43	2.50
54	080054MM	84	84	90	30	44	2.38
55	080055MM	86	86	90	30	47	2.52
56	080056MM	87	86	95	30	51	2.90
57	080057MM	90	86	95	30	53	2.90
58	080058MM	92	86	95	30	53	2.97
60	080060MM	94	86	95	35	51	3.03
63	080063MM	97	86	100	35	58	3.16
64	080064MM	97	86	100	35	58	3.24
65	080065MM	99	86	100	35	56	3.38
70	080070MM	105	86	105	40	61	4.00
75	080075MM	112	86	110	42	66	4.60
77	080077MM	118	86	110	42	60	5.00
80	080080MM	119	86	110	42	66	5.30
85	080085MM	125	86	120	50	75	5.67
90	080090MM	131	86	120	50	75	6.04
95	080095MM	141	102	130	55	83	8.30
100	080100MM	146	102	130	55	83	8.63
105	080105MM	151	102	130	55	83	9.40
110	080110MM	157	102	140	70	92	10.00
115	080115MM	163	102	140	72	92	10.60
120	080120MM	170	102	140	77	90	11.20
125	080125MM	175	102	140	77	90	11.80
130	080130MM	180	102	150	80	100	12.90
135	080135MM	186	102	150	80	100	13.60
140	080140MM	192	102	150	80	100	15.00
145	080145MM	198	102	150	80	97	17.20
150	080150MM	203	102	150	85	97	18.00
155	080155MM	209	102	150	85	97	19.00



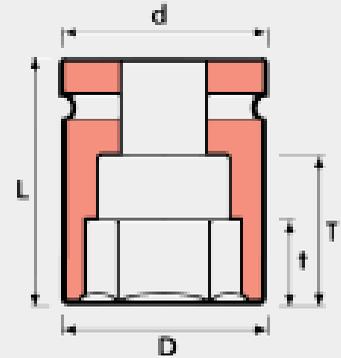
1-1/2" Drive 6 Point Socket- Metric Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
30	L80030MM	56	84	150	17	108	3.30
35	L80035MM	61	84	150	20	108	3.79
36	L80036MM	63	84	150	23	108	3.81
38	L80038MM	65	84	150	24	108	3.86
41	L80041MM	70	84	150	27	106	3.70
42	L80042MM	71	84	150	27	106	3.70
43	L80043MM	73	84	150	27	106	3.90
46	L80046MM	77	84	150	29	106	3.90
47	L80047MM	78	84	150	30	106	4.26
48	L80048MM	79	84	150	30	105	4.18
50	L80050MM	81	84	150	32	106	3.90
52	L80052MM	83	84	150	33	106	3.90
55	L80055MM	86	86	150	35	106	4.10
56	L80056MM	87	86	150	35	108	4.18
57	L80057MM	90	86	150	36	108	4.40
58	L80058MM	92	86	150	37	108	4.70
60	L80060MM	94	86	150	39	106	4.70
63	L80063MM	97	86	150	41	108	4.94
64	L80064MM	97	86	150	41	108	4.86
65	L80065MM	99	86	150	41	106	4.90
70	L80070MM	105	86	170	45	126	6.40
75	L80075MM	112	86	170	47	126	6.90
80	L80080MM	119	86	170	51	126	7.60
85	L80085MM	125	86	180	54	135	9.40
90	L80090MM	131	86	180	58	135	10.00
95	L80095MM	141	102	190	61	143	12.10
100	L80100MM	146	102	190	46	143	12.60
105	L80105MM	151	102	190	66	143	13.20
110	L80110MM	157	102	200	70	152	14.50
115	L80115MM	163	102	200	72	152	15.10
120	L80120MM	170	102	200	77	150	16.00
125	L80125MM	175	102	200	77	136	17.12
130	L80130MM	180	102	210	80	145	18.59
135	L80135MM	186	102	210	80	144	19.50
140	L80140MM	192	102	210	80	142	20.80
145	L80145MM	198	102	210	80	141	21.47
150	L80150MM	203	102	210	85	139	22.33
155	L80155MM	209	102	210	85	138	23.35



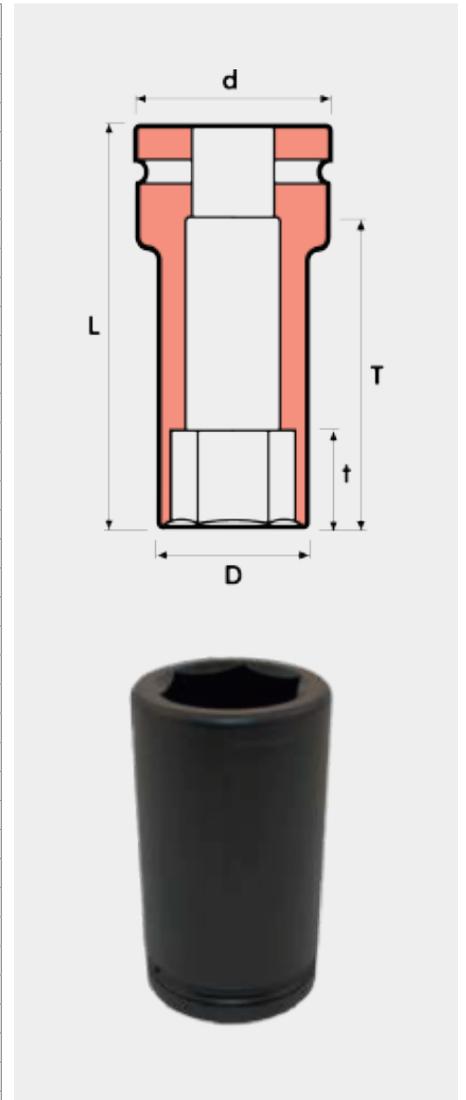
1-1/2" Drive 6 Point Sockets - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight kg
		mm	mm	mm	mm	mm	
1	080100	50	84	80	14	38	1.98
1 1/16	080101	54	84	80	16	38	2.07
1 1/8	080102	54	84	80	16	38	1.98
1 3/16	080103	56	84	80	17	38	2.07
1 1/4	080104	59	84	80	19	38	2.15
1 5/16	080105	59	84	80	19	38	1.98
1 3/8	080106	61	84	80	20	36	2.10
1 7/16	080107	63	84	84	21	42	2.17
1 1/2	080108	65	84	84	21	36	2.30
1 9/16	080109	68	84	84	22	42	2.25
1 5/8	080110	70	84	84	23	36	2.40
1 11/16	080111	73	84	84	24	36	2.40
1 3/4	080112	75	84	87	25	40	2.40
1 13/16	080113	76	84	87	25	40	2.40
1 7/8	080114	78	84	87	26	40	2.40
1 15/16	080115	80	84	90	28	43	2.40
2	080200	82	84	90	30	43	2.42
2 1/16	080201	83	84	90	30	43	2.50
2 1/8	080202	84	84	90	30	43	2.60
2 3/16	080203	87	86	95	30	51	2.90
2 1/4	080204	90	86	95	30	51	2.90
2 5/16	080205	92	86	95	30	51	3.00
2 3/8	080206	94	86	95	35	51	3.10
2 7/16	080207	96	86	100	35	56	3.30
2 1/2	080208	97	86	100	35	56	3.30
2 9/16	080209	99	86	100	35	56	3.38
2 5/8	080210	102	86	105	40	61	3.8
2 11/16	080211	104	86	105	40	61	3.90
2 3/4	080212	105	86	105	40	61	4.00
2 13/16	080213	107	86	110	42	66	4.20
2 7/8	080214	110	86	110	42	66	4.40
2 15/16	080215	112	86	110	42	66	4.60
3	080300	116	86	110	42	66	4.90
3 1/16	080301	118	86	110	42	66	5.10
3 1/8	080302	119	86	110	42	66	5.40
3 5/16	080305	125	86	120	50	68	6.01
3 3/8	080306	125	86	120	50	75	6.20
3 7/16	080307	129	86	120	50	67	6.26
3 1/2	080308	130	86	120	50	75	6.70
3 9/16	080309	131	86	120	50	67	6.34
3 5/8	080310	136	102	120	50	75	7.00
3 11/16	080311	138	102	120	50	66	7.35
3 3/4	080312	141	102	130	55	83	8.30
3 13/16	080313	142	102	130	55	75	8.29
3 7/8	080314	144	102	130	55	83	8.48
3 15/16	080315	146	102	130	55	83	9.00
4	080400	148	102	130	55	83	9.10
4 1/16	080401	149	102	130	55	73	8.80
4 1/8	080402	151	102	130	55	83	9.40
4 3/16	080403	153	102	130	55	83	9.60
4 1/4	080404	155	102	140	70	92	9.97
4 5/16	080405	157	102	140	70	81	10.14
4 3/8	080406	158	102	140	70	92	10.30
4 1/2	080408	163	102	140	72	92	10.67
4 5/8	080410	166	102	140	77	90	10.82
4 3/4	080412	170	102	140	77	90	11.10
4 7/8	080414	173	102	140	77	90	11.50
5	080500	178	102	150	77	100	12.30
5 1/8	080502	180	102	150	80	100	12.90
5 3/16	080503	182	102	150	80	100	13.10
5 1/4	080504	185	102	150	80	100	13.40
5 3/8	080506	188	102	150	80	100	14.00
5 1/2	080508	192	102	150	80	100	15.00
5 9/16	080509	193	102	150	80	97	15.90
5 3/4	080512	199	102	150	85	97	17.40
5 7/8	080514	203	102	150	85	97	18.20
6	080600	206	102	150	85	97	15.45
6 1/8	080602	209	102	150	85	97	19.00



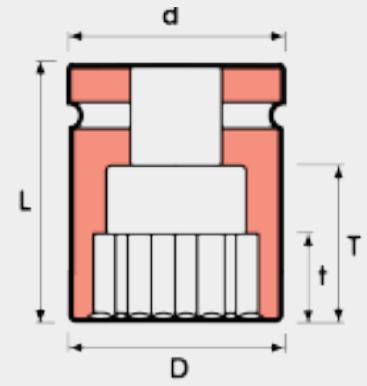
1-1/2" Drive 6 Point Socket - Imperial Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
1 3/16	L80103	56	84	150	17	108	3.30
1 3/8	L80106	61	84	150	20	108	3.79
1 1/2	L80108	65	84	150	24	108	3.86
1 5/8	L80110	70	84	150	27	106	3.70
1 11/16	L80111	73	84	150	27	102	3.90
1 3/4	L80112	75	84	150	29	102	3.70
1 13/16	L80113	77	84	150	29	102	3.90
1 7/8	L80114	78	84	150	30	102	3.80
1 15/16	L80115	80	84	150	31	102	3.90
2	L80200	82	84	150	32	102	3.90
2 1/16	L80201	83	84	150	33	102	3.90
2 1/8	L80202	84	84	150	35	102	4.00
2 3/16	L80203	87	86	150	35	102	4.20
2 1/4	L80204	90	86	150	36	102	4.40
2 5/16	L80205	92	86	150	37	102	4.60
2 3/8	L80206	94	86	150	39	102	4.80
2 7/16	L80207	96	86	150	40	102	4.80
2 1/2	L80208	97	86	150	41	102	4.90
2 9/16	L80209	99	86	150	41	102	4.90
2 5/8	L80210	102	86	170	43	126	6.10
2 11/16	L80211	104	86	170	43	126	6.30
2 3/4	L80212	105	86	170	45	126	6.40
2 13/16	L80213	107	86	170	46	126	6.60
2 7/8	L80214	110	86	170	46	126	6.80
2 15/16	L80215	112	86	170	47	126	6.90
3	L80300	116	86	170	48	126	7.60
3 1/16	L80301	118	86	170	49	126	7.60
3 1/8	L80302	119	86	170	51	126	7.60
3 3/16	L80303	121	86	180	51	135	9.00
3 1/4	L80304	123	86	180	52	135	9.20
3 3/8	L80306	125	86	180	54	135	9.40
3 7/16	L80307	129	86	180	55	127	9.31
3 1/2	L80308	130	86	180	58	135	9.90
3 5/8	L80310	136	102	180	58	135	10.300
3 3/4	L80312	141	102	190	61	143	12.100
3 13/16	L80313	142	102	190	61	136	12.420
3 7/8	L80314	144	102	190	64	143	12.400
4	L80400	148	102	190	64	143	12.800
4 1/16	L80401	149	102	190	66	133	13.060
4 1/8	L80402	151	102	190	66	143	13.200
4 3/16	L80403	153	102	190	67	143	13.600
4 1/4	L80404	155	102	200	70	150	14.700
4 5/16	L80405	157	102	200	70	141	14.78
4 3/8	L80406	158	102	200	70	141	14.88
4 1/2	L80408	163	102	200	72	150	15.10
4 5/8	L80410	166	102	200	77	150	15.80
4 3/4	L80412	170	102	200	77	138	16.14
4 7/8	L80414	173	102	200	77	137	17.84
5	L80500	178	102	210	77	146	18.93
5 1/8	L80502	180	102	210	80	145	18.86
5 3/16	L80503	182	102	210	80	145	19.09
5 1/4	L80504	185	102	210	80	144	19.66
5 3/8	L80506	188	102	210	80	143	20.34
5 1/2	L80508	192	102	210	80	142	20.61
5 3/4	L80512	199	102	210	85	140	21.42
5 7/8	L80514	203	102	210	85	140	22.33
6	L80600	206	102	210	85	139	22.99



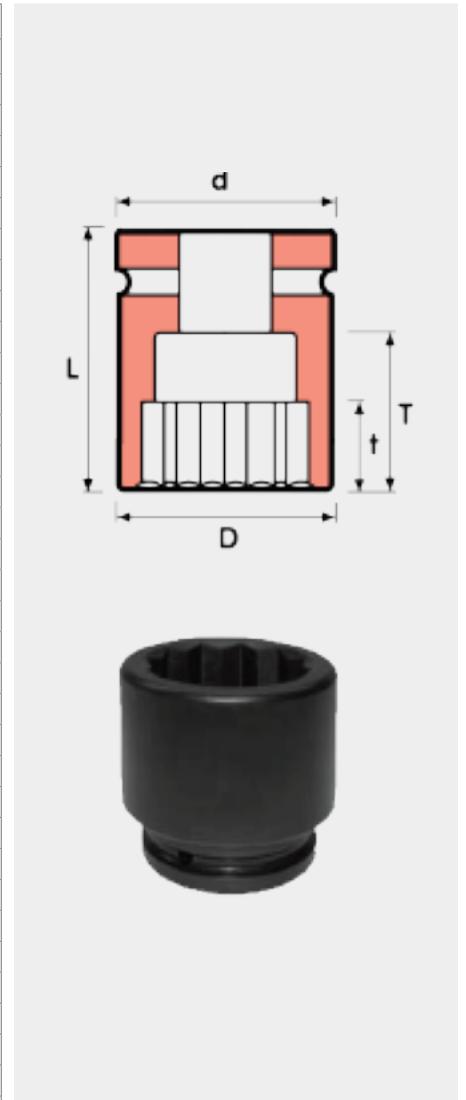
1-1/2" Drive 12 Point Socket - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
41	12PT 080041MM	70	84	84	23	36	2.25
43	12PT 080043MM	73	84	84	24	36	2.27
46	12PT 080046MM	76	84	87	25	40	2.32
50	12PT 080050MM	81	84	90	28	43	2.37
55	12PT 080055MM	86	86	90	30	47	2.70
60	12PT 080060MM	94	86	95	35	51	3.10
65	12PT 080065MM	99	86	100	35	56	3.50
70	12PT 080070MM	105	86	105	40	61	4.00
75	12PT 080075MM	112	86	110	42	66	4.60
80	12PT 080080MM	119	86	110	42	66	5.30
85	12PT 080085MM	125	86	120	50	75	6.40
90	12PT 080090MM	131	86	120	50	75	6.70
95	12PT 080095MM	141	102	130	55	83	8.70
100	12PT 080100MM	146	102	130	55	83	9.00
105	12PT 080105MM	151	102	130	55	83	9.40



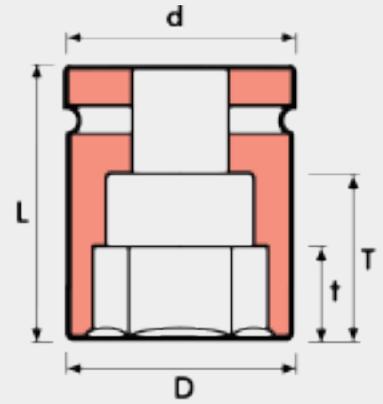
1-1/2" Drive 12 Point Socket - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
1 5/8	12PT 080110	70	84	84	23	36	2.25
1 11/16	12PT 080111	73	84	84	24	36	2.27
1 3/4	12PT 080112	75	84	87	25	40	2.40
1 13/16	12PT 080113	76	84	87	25	40	2.32
1 7/8	12PT 080114	78	84	87	26	40	2.40
1 15/16	12PT 080115	80	84	90	28	43	2.40
2	12PT 080200	82	84	90	30	43	2.36
2 1/16	12PT 080201	83	84	90	30	43	2.50
2 1/8	12PT 080202	84	84	90	30	43	2.29
2 3/16	12PT 080203	87	86	95	30	51	2.90
2 1/4	12PT 080204	90	86	95	30	51	2.90
2 5/16	12PT 080205	92	86	95	30	51	3.00
2 3/8	12PT 080206	94	86	95	35	51	3.10
2 7/16	12PT 080207	96	86	100	35	56	3.30
2 1/2	12PT 080208	97	86	100	35	56	3.30
2 9/16	12PT 080209	99	86	100	35	56	3.50
2 5/8	12PT 080210	102	86	105	40	61	3.80
2 11/16	12PT 080211	104	86	105	40	61	3.90
2 3/4	12PT 080212	105	86	105	40	61	4.00
2 13/16	12PT 080213	107	86	110	42	66	4.20
2 7/8	12PT 080214	110	86	110	42	66	4.23
2 15/16	12PT 080215	112	86	110	42	66	4.60
3	12PT 080300	116	86	110	42	66	4.90
3 1/16	12PT 080301	118	86	110	42	66	5.10
3 1/8	12PT 080302	119	86	110	42	66	4.79
3 3/16	12PT 080303	121	86	120	50	75	5.70
3 1/4	12PT 080304	123	86	120	50	75	6.00
3 3/8	12PT 080306	125	86	120	50	75	6.20
3 1/2	12PT 080308	130	86	120	50	75	6.70
3 5/8	12PT 080310	136	102	120	50	75	7.00
3 3/4	12PT 080312	141	102	130	55	83	8.70
3 7/8	12PT 080314	144	102	130	55	83	8.15
3 15/16	12PT 080315	146	102	130	55	83	8.34
4	12PT 080400	148	102	130	55	83	9.10
4 1/8	12PT 080402	151	102	130	55	83	9.40
4 3/16	12PT 080403	153	102	130	55	83	11.10
4 1/4	12PT 080404	155	102	140	70	92	9.90
4 3/8	12PT 080406	158	102	140	70	92	10.30
4 1/2	12PT 080408	163	102	140	72	92	10.80
4 5/8	12PT 080410	166	102	140	77	90	10.90
4 3/4	12PT 080412	170	102	140	77	90	11.10
4 7/8	12PT 080414	173	102	140	77	90	11.50
5	12PT 080500	178	102	150	77	100	12.30
5 1/8	12PT 080502	180	102	150	80	100	12.90
5 3/16	12PT 080503	182	102	150	80	100	13.10
5 1/4	12PT 080504	185	102	150	80	100	13.40
5 3/8	12PT 080506	188	102	150	80	100	14.00
5 1/2	12PT 080508	192	102	150	80	100	15.00
5 9/16	12PT 080509	193	102	150	80	97	15.90
5 3/4	12PT 080512	199	102	150	85	97	17.40
5 7/8	12PT 080514	203	102	150	85	97	18.20
6	12PT 080600	206	102	150	85	97	18.60
6 1/8	12PT 080602	209	102	150	85	97	19.00



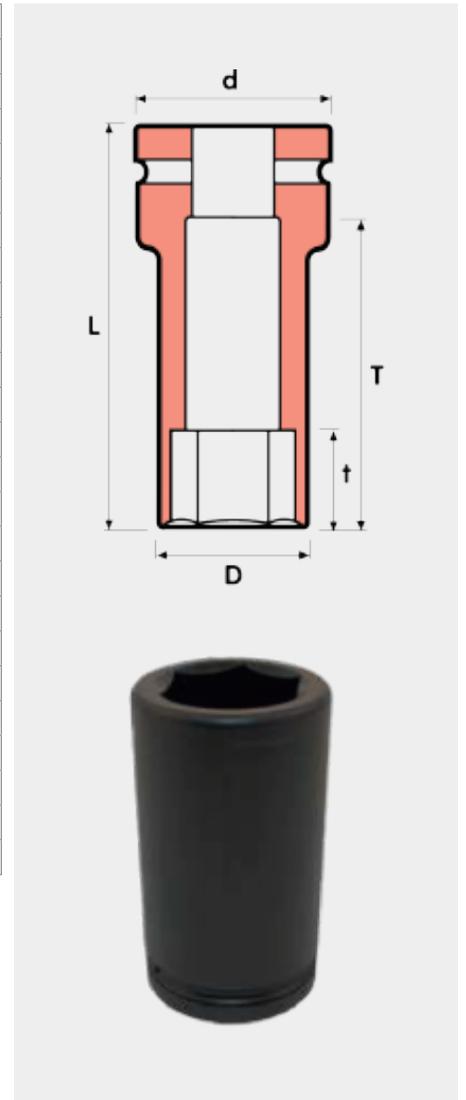
2-1/2" Drive 6 Point Socket - Metric Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
50	250050MM	86	127	130	28	70	9.01
55	250055MM	93	127	130	30	70	9.22
60	250060MM	99	127	130	35	70	9.30
65	250065MM	105	127	130	35	70	9.30
70	250070MM	112	127	130	40	70	9.30
75	250075MM	118	127	130	45	70	9.31
80	250080MM	124	127	130	45	70	9.28
85	250085MM	130	127	130	50	70	9.30
90	250090MM	137	127	140	50	80	10.55
95	250095MM	143	127	140	55	80	10.80
100	250100MM	149	127	140	55	80	11.10
105	250105MM	155	127	150	60	90	12.10
110	250110MM	162	127	150	65	90	13.00
115	250115MM	168	127	150	65	90	13.90
120	250120MM	181	160	150	70	88	16.90
125	250125MM	187	160	150	75	88	17.50
130	250130MM	195	160	170	75	106	21.50
135	250135MM	202	160	170	80	106	22.50
140	250140MM	208	160	170	80	106	23.00
145	250145MM	214	160	170	80	106	24.00
150	250150MM	219	160	170	85	106	24.50
155	250155MM	224	160	180	90	115	29.00
160	250160MM	229	160	180	90	115	31.00
165	250165MM	235	160	180	95	115	32.00
170	250170MM	240	160	180	95	115	32.50
175	250175MM	247	160	180	95	115	34.50
180	250180MM	253	160	225	110	143	41.40
185	250185MM	258	160	225	110	143	42.30
190	250190MM	264	160	225	120	143	43.60
200	25020MM	276	160	225	120	143	46.60
210	250210MM	287	160	225	120	143	49.20
215	250215MM	293	160	225	120	143	50.80
225	250225MM	304	160	225	120	130	53.30
230	250230MM	310	160	225	120	129	54.70
235	250235MM	316	160	225	120	143	56.40
250	250250MM	333	160	225	120	123	61.20
255	250255MM	339	160	225	120	143	63.20



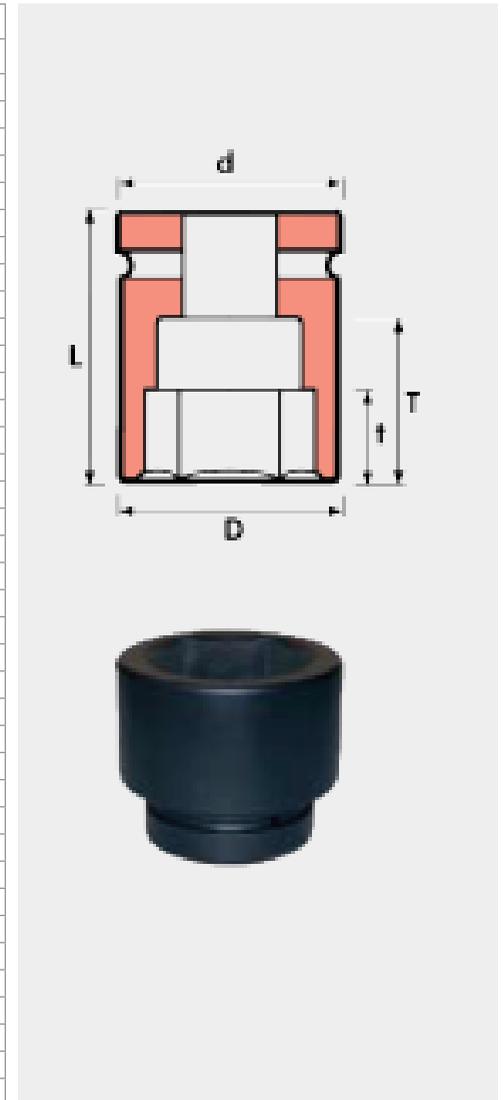
2-1/2" Drive 6 Point - Metric Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
60	L250060MM	100	137	180	35	122	10.70
65	L250065MM	104	137	180	35	122	10.68
70	L250070MM	110	137	180	40	122	10.88
75	L250075MM	118	137	180	45	122	11.24
80	L250080MM	126	137	180	45	122	11.88
85	L250085MM	133	137	180	50	122	12.27
90	L250090MM	143	137	200	50	142	15.22
95	L250095MM	148	137	200	55	142	15.64
100	L250100MM	153	137	200	55	142	16.02
105	L250105MM	158	137	220	60	162	18.21
110	L250110MM	166	137	220	65	162	19.81
115	L250115MM	174	137	220	65	162	21.38
120	L250120MM	181	160	220	70	162	24.79
125	L250125MM	187	160	220	75	162	25.90
130	L250130MM	195	160	250	75	183	31.44
135	L250135MM	202	160	250	80	182	33.17
140	L250140MM	208	160	250	80	180	34.40
145	L250145MM	214	160	250	80	179	35.64
150	L250150MM	219	160	250	85	177	36.30
155	L250155MM	224	160	250	90	176	36.90
160	L250160MM	229	160	250	90	174	37.60
165	L250165MM	235	160	250	95	173	38.74
170	L250170MM	240	160	250	95	171	39.42



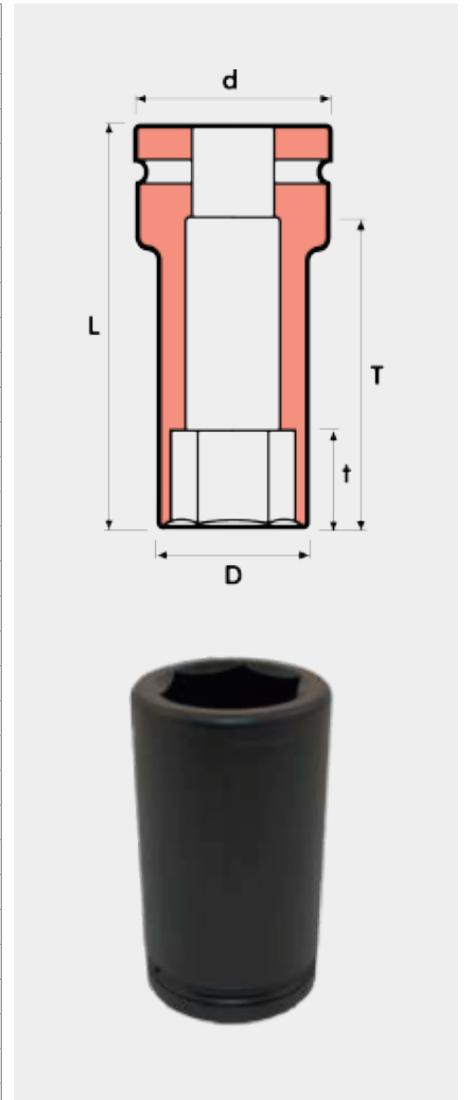
2-1/2" Drive 6 Point Socket - Imperial Standard Height

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
2	250200	88	127	130	30	70	9.00
2 3/16	250203	94	127	130	30	70	8.58
2 5/16	250205	96	127	130	30	70	8.45
2 3/8	250206	99	127	130	35	70	9.30
2 7/16	250207	102	127	130	35	70	9.45
2 1/2	250208	103	127	130	35	70	9.30
2 9/16	250209	105	127	130	35	70	9.30
2 5/8	250210	108	127	130	40	70	9.30
2 11/16	250211	109	127	130	40	70	9.30
2 3/4	250212	112	127	130	40	70	9.30
2 13/16	250213	113	127	130	45	70	9.30
2 7/8	250214	115	127	130	45	70	9.30
2 15/16	250215	118	127	130	45	70	9.30
3	250300	119	127	130	45	70	9.30
3 1/16	250301	120	127	130	45	70	9.30
3 1/8	250302	124	127	130	45	70	9.30
3 1/4	250304	127	127	130	50	70	9.30
3 5/16	250305	129	127	130	50	70	9.58
3 3/8	250306	130	127	130	50	70	9.30
3 1/2	250308	135	127	140	50	80	10.40
3 9/16	250309	137	127	140	50	80	10.50
3 5/8	250310	139	127	140	55	80	10.60
3 3/4	250312	143	127	140	55	80	10.80
3 7/8	250314	147	127	140	55	80	11.00
4	250400	151	127	140	60	80	11.30
4 1/8	250402	155	127	150	60	90	12.10
4 3/16	250403	157	127	150	65	90	12.40
4 1/4	250404	159	127	150	65	90	12.80
4 3/8	250406	163	127	150	65	90	13.30
4 1/2	250408	167	127	150	65	90	13.60
4 9/16	250409	176	160	150	70	92	16.45
4 5/8	250410	178	160	150	70	88	15.20
4 3/4	250412	181	160	150	70	88	16.90
4 7/8	250414	186	160	150	75	88	17.30
5	250500	190	160	170	75	106	21.50
5 1/8	250502	195	160	170	75	106	22.00
5 3/16	250503	198	160	170	80	106	22.00
5 1/4	250504	200	160	170	80	106	22.50
5 3/8	250506	204	160	170	80	106	23.00
5 1/2	250508	208	160	170	80	106	23.00
5 9/16	250509	210	160	170	80	106	24.00
5 3/4	250512	216	160	170	85	106	25.00
5 7/8	250514	219	160	170	85	106	26.00
6	250600	221	160	180	85	115	30.00
6 1/8	250602	224	160	180	90	115	30.00
6 1/4	250604	228	160	180	90	115	30.50
6 3/8	250606	232	160	180	90	115	31.00
6 1/2	250608	235	160	180	95	115	32.00
6 3/4	250612	243	160	180	95	115	33.00
6 7/8	250614	247	160	180	95	115	33.50
7	250700	250	160	180	95	115	35.50
7 1/8	250702	253	160	225	110	143	46.00
7 1/4	250704	258	160	225	110	143	47.00
7 5/16	250705	260	160	225	120	143	47.50
7 1/2	250708	264	160	225	120	143	48.00
7 5/8	250710	269	160	225	120	143	49.00
7 13/16	250713	273	160	225	120	143	49.50
8 3/8	250806	291	160	225	120	143	58.5
8 7/16	250807	304	160	225	120	143	62.00
9 1/8	250902	312	160	225	120	143	65.00



2-1/2" Drive 6 Point Socket - Imperial Deepwell

HEX SIZE	PART NUMBER	D	d	L	t	T	Weight
		mm	mm	mm	mm	mm	kg
2 3/8	L25206	100	137	180	35	122	10.7
2 7/16	L25207	102	137	180	35	122	10.73
2 1/2	L25208	102	137	180	35	122	10.64
2 9/16	L25209	104	137	180	35	122	10.68
2 5/8	L25210	106	137	180	40	122	10.7
2 11/16	L25211	108	137	180	40	122	10.83
2 3/4	L25212	110	137	180	40	122	10.88
2 13/16	L25213	112	137	180	45	122	11.00
2 7/8	L25214	116	137	180	45	122	11.36
2 15/16	L25215	118	137	180	45	122	11.24
3	L25300	120	137	180	45	122	11.51
3 1/16	L25301	122	137	180	45	122	11.68
3 1/8	L25302	126	137	180	45	122	11.88
3 1/4	L25304	128	137	180	50	122	11.9
3 3/8	L25306	133	137	180	50	122	12.27
3 1/2	L25308	142	137	200	50	142	15.12
3 5/8	L25310	145	137	200	55	142	15.39
3 3/4	L25312	148	137	200	55	142	15.64
3 7/8	L25314	151	137	200	55	142	15.96
4	L25400	155	137	200	60	142	16.31
4 1/8	L25402	158	137	220	60	162	18.21
4 3/16	L25403	160	137	220	65	162	18.7
4 1/4	L25404	163	137	220	65	162	19.24
4 3/8	L25406	167	137	220	65	162	19.9
4 1/2	L25408	172	137	220	65	162	20.92
4 5/8	L25410	178	160	220	70	162	24.28
4 3/4	L25412	181	160	220	70	162	24.79
4 7/8	L25414	186	160	220	75	162	25.77
5	L25500	190	160	250	75	184	30.19
5 1/8	L25502	195	160	250	75	183	31.44
5 3/16	L25503	198	160	250	80	183	32.25
5 1/4	L25504	200	160	250	80	182	32.88
5 3/8	L25506	204	160	250	80	181	33.47
5 1/2	L25508	208	160	250	80	180	34.4
5 3/4	L25512	216	160	250	85	178	36.00
5 7/8	L25514	219	160	250	85	178	36.3
6	L25600	221	160	250	85	177	36.68
6 1/8	L25602	224	160	250	90	176	36.90
6 1/4	L25604	228	160	250	90	175	38.30
6 3/8	L25606	232	160	250	90	174	38.74
6 1/2	L25608	235	160	250	95	173	38.74
6 3/4	L25612	243	160	250	95	171	41.37
6 7/8	L25614	247	160	250	95	170	42.44
7	L25700	250	160	250	95	170	42.94



Legend

- d:** Diameter at drive end
- D:** Diameter at wrench end
- L:** Overall length
- s:** Drive connection
- t:** Depth of wrench opening
- T:** Bolt clearance depth
- w:** Wrench opening A/F

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3

DRIVE MALE
HEX SOCKETS



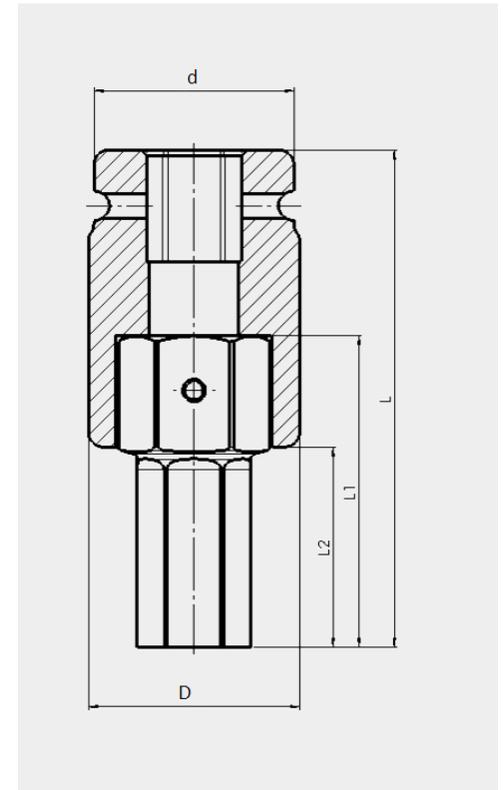
3. Drive Male Hex Sockets

1/2" Drive Male Hex Sockets - Metric

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
6	000006MM MHX	25	25	48	22	10
8	000008MM MHX	25	25	52	26	14
10	000010MM MHX	25	25	56	30	18
12	000012MM MHX	40	40	84	49	24
14	000014MM MHX	40	40	83	53	28
17	000017MM HX	40	40	94	59	34
19	000019MM HX	40	40	98	63	38
22	000022MM HX	40	40	104	69	44
27	000027MM MHX	40	54	114	84	54

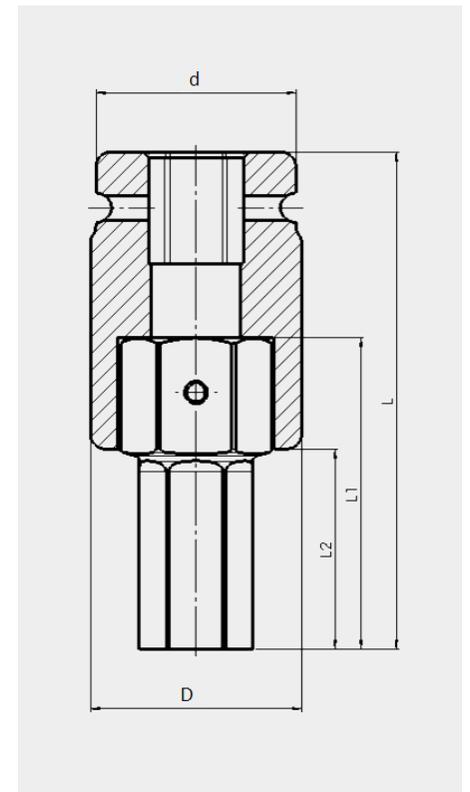
1/2" Drive Male Hex Sockets - Imperial

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
3/8	000006 MHX	25	25	55	29	17
7/16	000007 MHX	25	25	58	32	20
1/2	000008 MHX	40	40	85	50	25
9/16	000009 MHX	40	40	89	53	28
5/8	000010 MHX	40	40	92	57	32



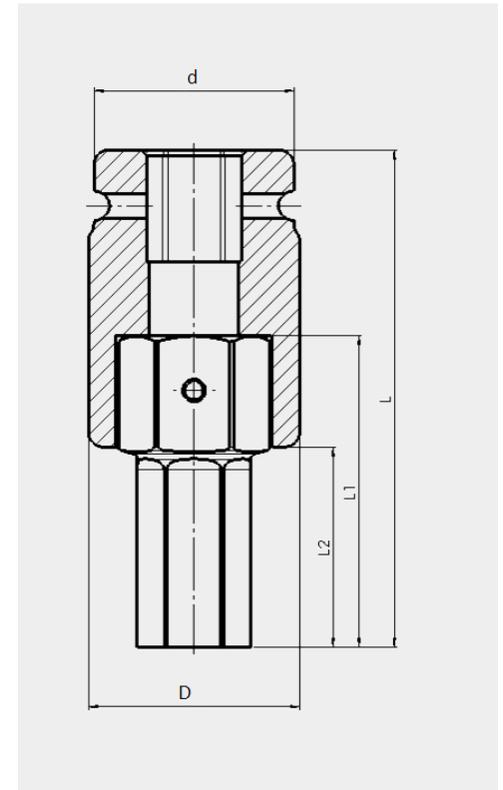
3/4" Drive Male Hex Sockets - Metric

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
12	010012MM HX	44	44	94	49	24
14	010014MM HX	44	44	98	53	28
15	010015MM HX	44	44	100	55	30
16	010016MM HX	44	44	102	57	32
17	010017MM HX	44	44	104	59	34
18	010018MM HX	44	44	106	61	36
19	010019MM HX	44	44	108	63	38
20	010020MM HX	44	44	110	65	40
21	010021MM HX	44	44	112	67	42
22	010022MM HX	44	44	114	69	44
24	010024MM MHX	44	57	118	78	48
25	010025MM MHX	44	57	120	80	50
27	010027MM MHX	44	57	124	84	54
28	010028MM MHX	44	57	126	86	56
30	010030MM MHX	44	57	130	90	60
32	010032MM MHX	44	57	134	94	64
36	010036MM MHX	44	57	142	102	72
38	010038MM MHX	54	80	151	116	76
41	010041MM MHX	54	80	157	122	82
46	010046MM MHX	54	80	167	132	92
50	010050MM MHX	54	80	175	140	100
55	010055MM MHX	54	80	185	150	110



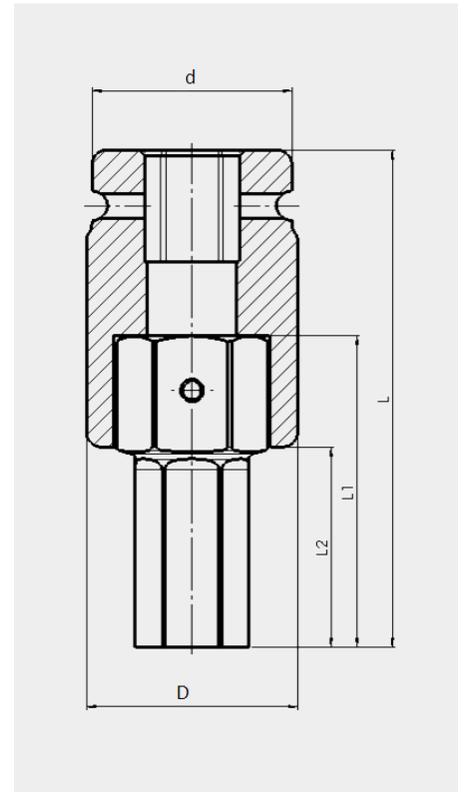
3/4" Drive Male Hex Sockets - Imperial

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
3/8	010006 MHX	44	44	88	43	18
1/2	010008 MHX	44	44	95	50	25
9/16	010009 HX	44	44	98	53	28
5/8	010010 HX	44	44	102	57	32
11/16	010011 HX	44	44	105	60	35
3/4	010012 HX	44	44	108	63	38
7/8	010014 HX	44	44	114	69	44
15/16	010015 MHX	44	57	118	78	48
1	010100 MHX	44	57	121	81	51
1 1/8	010102 MHX	44	57	127	87	57
1 1/4	010104 MHX	44	57	134	94	64
1 3/8	010106 MHX	44	57	140	100	70
1 1/2	010108 MHX	54	80	151	116	76
1 3/4	010112 MHX	54	80	164	129	89
1 13/16	010113 MHX	54	80	167	132	92
2	010200 MHX	54	80	175	140	100



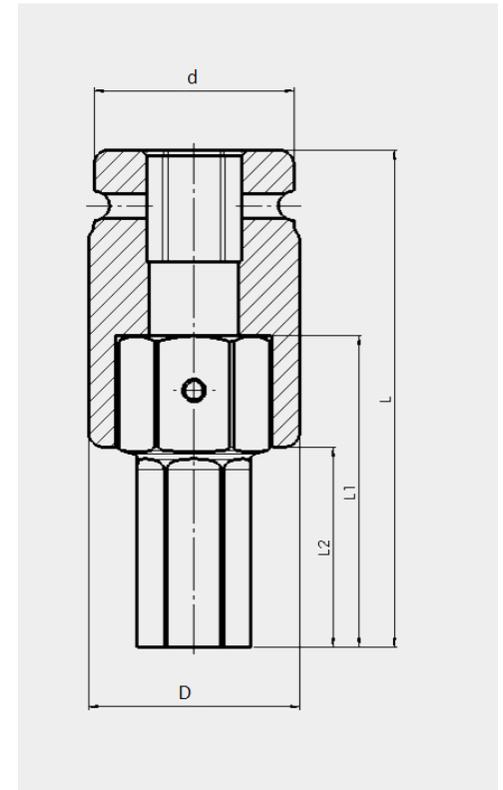
1" Drive Male Hex Sockets - Metric

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
10	020010MM HX	54	54	95	45	20
14	020014MM HX	54	54	103	53	28
16	020016MM HX	54	54	107	57	32
17	020017MM HX	54	54	109	59	34
19	020019MM HX	54	54	113	63	38
20	020020MM HX	54	54	115	65	40
21	020021MM HX	54	54	117	67	42
22	020022MM HX	54	54	119	69	44
23	020023MM MHX	54	54	126	71	46
24	020024MM MHX	54	54	128	73	48
25	020025MM MHX	54	57	130	80	50
26	020026MM MHX	54	57	132	82	52
27	020027MM MHX	54	57	134	84	54
28	020028MM MHX	54	57	136	86	56
29	020029MM MHX	54	57	138	88	58
30	020030MM MHX	54	57	140	90	60
32	020032MM MHX	54	57	144	94	64
33	020033MM MHX	54	57	146	96	66
34	020034MM MHX	54	57	148	98	68
36	020036MM MHX	54	57	157	102	72
39	020039MM MHX	76	80	168	118	78
41	020041MM MHX	76	80	172	122	82
42	020042MM MHX	76	80	174	124	84
46	020046MM MHX	76	80	182	132	92
48	020048MM MHX	76	80	186	136	96
50	020050MM MHX	76	80	190	140	100
55	020055MM MHX	76	80	200	150	110
58	020058MM HX	76	91	206	156	116
60	020060MM HX	76	93	210	160	120
65	020065MM HX	76	99	220	170	130
75	020075MM HX	76	113	240	200	150
80	020080MM HX	76	119	250	210	160



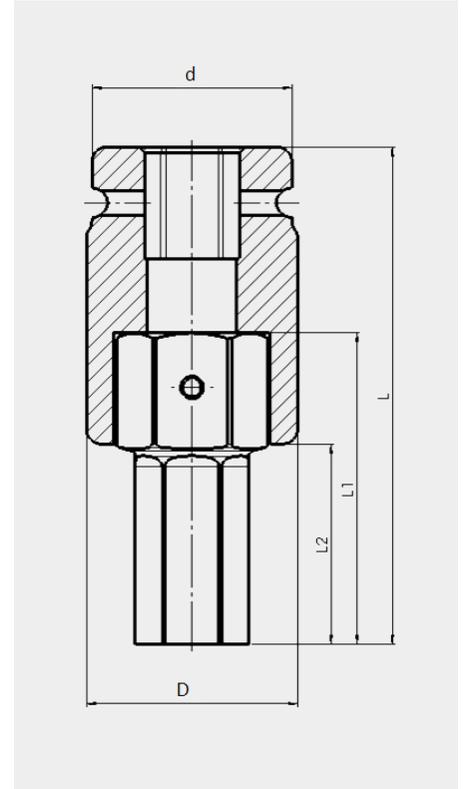
1" Drive Male Hex Sockets - Imperial

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
5/16	020005 HX	54	54	90	40	15
3/8	020006 HX	54	54	93	43	18
1/2	020008 HX	54	54	100	50	25
9/16	020009 HX	54	54	103	53	28
5/8	020010 HX	54	54	107	57	32
11/16	020011 HX	54	54	110	60	35
3/4	020012 HX	54	54	113	63	38
7/8	020014 HX	54	54	119	69	44
15/16	020015 MHX	54	54	128	73	48
1	020100 MHX	54	57	131	81	51
1 3/16	020103 MHX	54	57	140	90	60
1 1/4	020104 MHX	54	57	144	94	64
1 5/16	020105 MHX	54	57	147	97	67
1 3/8	020106 MHX	54	57	150	100	70
1 7/16	020107 MHX	76	80	163	113	73
1 1/2	020108 MHX	76	80	166	116	76
1 9/16	020109 MHX	76	80	170	120	80
1 5/8	020110 MHX	76	80	172	122	82
1 11/16	020111 MHX	76	80	176	126	86
1 3/4	020112 MHX	76	80	179	129	89
1 13/16	020113 MHX	76	80	182	132	92
1 7/8	020114 MHX	76	80	185	135	95
2	020200 MHX	76	80	190	140	100



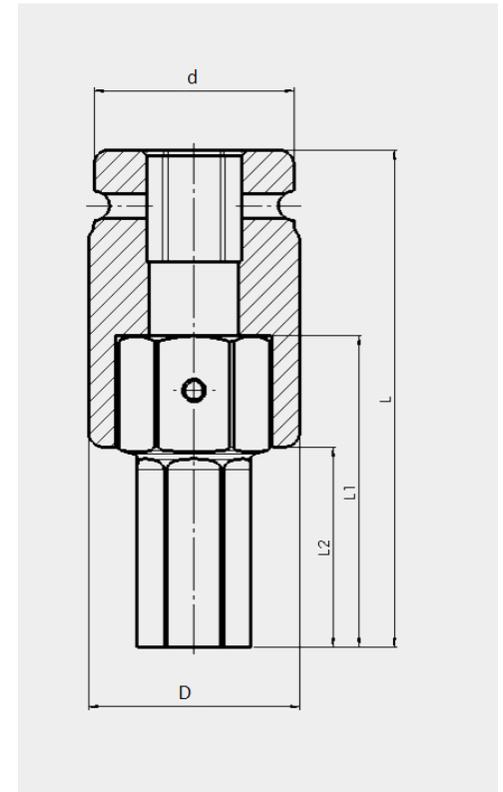
1-1/2" Drive Male Hex Sockets - Metric

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
17	080017MM HX	84	84	139	59	34
19	080019MM HX	84	84	143	63	38
22	080022MM HX	84	84	149	69	44
23	080023MM MHX	84	84	151	76	46
24	080024MM MHX	84	84	153	78	48
25	080025MM MHX	84	84	155	80	50
27	080027MM MHX	84	84	159	84	54
30	080030MM MHX	84	84	165	90	60
32	080032MM MHX	84	84	169	94	64
35	080035MM MHX	84	84	175	100	70
36	080036MM MHX	84	84	177	102	72
37	080037MM MHX	86	90	174	114	74
38	080038MM MHX	86	90	176	116	76
40	080040MM MHX	86	90	180	120	80
41	080041MM MHX	86	90	182	122	82
45	080045MM MHX	86	90	190	130	90
46	080046MM MHX	86	90	192	132	92
48	080048MM MHX	86	90	196	136	96
50	080050MM MHX	86	90	200	140	100
55	080055MM MHX	86	90	210	150	110
60	080060MM MHX	86	105	225	160	120
63	080063MM MHX	86	105	231	166	126
65	080065MM MHX	86	105	235	170	130
75	080075MM HX	86	125	250	200	150
80	080080MM HX	86	131	260	210	160



1-1/2" Drive Male Hex Sockets - Imperial

HEX SIZE	PART NUMBER	D	d	L	L1	L2
		mm	mm	mm	mm	mm
3/4	080012 HX	84	84	143	63	38
7/8	080014 HX	84	84	149	69	44
1	080100 MHX	84	84	156	81	51
1 1/16	080101 MHX	84	84	159	84	54
1 1/8	080102 MHX	84	84	162	87	57
1 3/16	080103 MHX	84	84	165	90	60
1 1/4	080104 MHX	84	84	169	94	64
1 3/8	080106 MHX	84	84	175	100	70
1 1/2	080108 MHX	86	90	176	116	76
1 9/16	080109 MHX	86	90	180	120	80
1 5/8	080110 MHX	86	90	182	122	82
1 11/16	080111 MHX	86	90	186	126	86
1 3/4	080112 MHX	86	90	189	129	89
1 13/16	080113 MHX	86	90	192	132	92
1 7/8	080114 MHX	86	90	195	135	95
2	080200 MHX	86	90	200	140	100
2 1/16	080201 MHX	86	90	205	145	105
2 1/8	080202 MHX	86	90	208	148	108
2 3/16	080203 MHX	86	105	216	151	111
2 1/4	080204 MHX	86	105	219	154	114





4

TORQUE CONVERSION CHARTS



4. Torque Conversion Charts

Imperial

Bolt Diameter (in.)	Socket Size (in.)	Load (lbs.)	Torque (Ft.-lbs.)
7/8	1-7/16	25,198	276
1	1-5/8	33,057	413
1-1/8	1-13/16	43,137	607
1-1/4	2	54,556	852
1-3/8	2-3/16	67,315	1,157
1-1/2	2-3/8	81,413	1,526
1-5/8	2-9/16	96,851	1,967
1-3/4	2-3/4	113,628	2,486
1-7/8	2-15/16	131,744	3,088
2	3-1/8	151,200	3,780
2-1/4	3-1/2	194,130	5,460
2-1/2	3-7/8	219,330	6,854
2-3/4	4-1/4	267,866	9,208
3	4-5/8	321,249	12,047
3-1/4	5	379,480	15,416
3-1/2	5-3/8	442,558	19,362
3-3/4	5-3/4	510,484	23,929

Metric

Bolt Diameter (mm)	Socket Size (mm)	Load (N)	Torque (Nm)
M24	36	132,718	478
M27	41	172,966	701
M30	46	211,061	950
M33	50	261,122	1,293
M36	55	307,495	1,660
M39	60	367,368	2,149
M42	65	422,021	2,659
M45	70	491,707	3,319
M48	75	554,637	3,993
M52	80	661,818	5,162
M56	85	764,295	6,420
M64	95	911,475	8,750
M72	105	1,178,434	12,727
M76	110	1,324,754	15,102
M80	115	1,479,635	17,756
M90	130	1,904,286	25,708
M100	145	2,382,439	35,737

Chart data is based on B-7 (ASTM A193) bolts at 52% of yield using lubricant with a coefficient of friction of .150. It is intended as a guideline only!

Always consult with original equipment manufacturer or engineering department for approval or alternate load and torque specifications.

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CHANGELOG

05/2025 - First draft.





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