



YOU SIZE IT, WE MAKE IT

IMPACT SOCKETS & WRENCHES



ABOUT US

Ozat offers the largest program of impact sockets striking wrenches and construction wrenches, which are specially designed for heavy duty impact workload.

For over 40 years, OZAT has manufactured tools and parts recognized in over 60 countries throughout the world for their high quality and reliability.

Research and development has always provided the spark for the companies engineering and production operations. OZAT's products are manufactured according to American national standards ANSI B107, DIN standards 3121, 3129 and ISO 1174-2, 1703, 1171-2 and 2725-2

The companies quality management system has been audited by the Standards Institute of Israel, and complies with ISO 9001.

OZAT socket design is clearly superior to most other available sockets. Their state of the art Electro-chemical machining process makes it possible for OZAT to produce all of their sockets in the less-stress™ configuration illustrated below.

Without these special-machining capabilities, the cost of producing the preferred less-stress sockets become prohibitive. Manufacturers who use the normal broaching method to achieve the hex pattern in their sockets, may have to compromise in the selection of suitable steel, OZAT is able to specify the most perfectly matched material from which to manufacture the most durable and reliable sockets available.

OZAT marked sockets carry lifetime warranty as long as they have been used according to specifications and by the original purchaser.

With these products, OZAT offers a line of Air tools including the requested Air tools replacement parts.

These tools are direct results of the companies approach to extend activities and develop new programs with high quality tools and excellent service.



YOU SIZE IT, WE MAKE IT

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YOU SIZE IT, WE MAKE IT

Quality, Service and Innovation:

OZAT is one of the leading tool manufacturers and is an expert in specialized tools and torque tools.

We are looking back to a long tradition in producing high quality tools. We are partners in a range of over 1000 tool equipments.

Our innovative systems backed with modern technology and an experience of more than 2 decades in the industry has allowed us to satisfy over thousands of customers in both national and international markets.

Our products are known for their superior quality, durability, robustness and flawless finish, which make them perfect to be used in a number of industrial applications in various sectors such as automobile industry, thermal power plants, petrochemicals, oil Industry, cement plants and construction, to name a few.

Accepting Challenges:

Customer satisfaction, service and flexibility are not only a slogan for us. We with our superior management skills and highly motivated team of experts, always deliver the best to our customers in terms of service and quality.

We accept challenges when provided an opportunity and deliver the best to reach all the individual

requirements to fulfill our customer needs.

You size it, we torque it:

We at OZAT not only say but implement what we convey. We provide a wide range of Impact Sockets which will fit to any size nut or bolt. We provide specialized sockets such as Castellated sockets, Stack sockets, Ergo Sockets, BUD wheel Sockets, Bearing Nut Sockets, Stud Runner Sockets and many more. The Specifications and details are provided in this catalog.

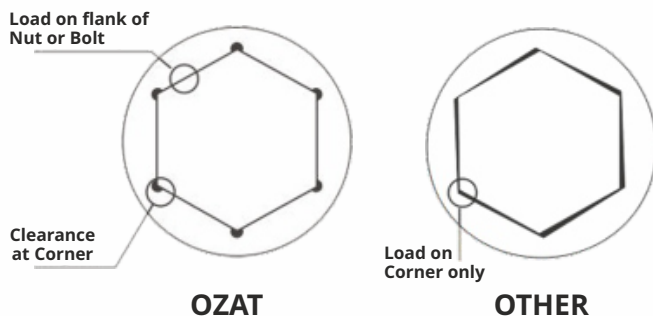
What makes OZAT different... !

OZAT focus on continual research and development to ensure that our impact tools and accessories are always ahead of the field. Our motive is to surpass our own high standards. Our material are finest, high grade alloy steel as base material. We believe in investing in state of the art CNC machine tools involving the most advanced technology keeping minimum tolerance for better results. The quality system in place are under constant re-assessment which at present remains the best we know.

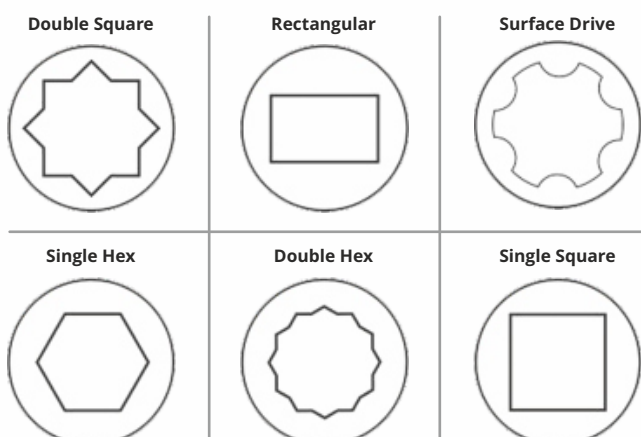
Lifetime Warrantee:

We provide a lifetime Warrantee on all Impact Sockets.

OZAT VS. OTHER SOCKETS



VARIOUS OPENING TYPES AVAILABLE



Magnetic Sockets:

Magnetic sockets are generally used for automotive applications. These magnetic sockets feature a spring loaded magnet that retracts into the socket for extended bolt applications. These sockets are available in both standard and long type of sockets. The size ranges from 1/4" to 1/2 square drive and the across flat size varies from 8mm to 25mm.

Surface Drive Sockets: Surface drive impact sockets are specially designed with a hex opening that allows for quick engagement of fastener. The use of surface drive sockets is ideal for assembly operations. Generally these types of sockets are used in automotive industries. Sizes ranges from 3/8", 1/2", 3/4", 1" for the driver end and for the driven unit the sizes range from 8mm to 36mm depending upon driver size and type of socket. Surface drive sockets are available in two types standard and deep.

Torx Drive Sockets: External Torx headed screws, bolts or nuts which are found in an automobile engine or transmission system requires a Torx Drive socket. We at OZAT manufacture heavy duty impact Torx drive sockets which are used for loosening and tightening of such screws, bolts or nuts.

Nut Runners: This tool is designed for operation with a pneumatic screw drivers. Nut runners has a male hex drive on one end which fits into the female hex shank of the pneumatic screw driver and on the other end is a single hex socket. The range covers 1/4" and 5/16" hex drive for nut sizes ranging from 8mm to 13mm in three lengths i.e. 75mm; 100mm and 150mm.

Hex Bits Impact Sockets: Hex bits are used for specialized operations in automobile industries. They are used in conjunction with other impact tools, for fastening alien head or socket head bolts.

Hex bits are available in driver size ranging from 3/8" to 1.1/2" and driven size ranging from 3mm to 50mm depending upon the driver size and type of socket.

Ergo Drive Sockets: Ergo drive sockets are used for specialized applications in automobile industry where the fasteners are in contact with highly sensitive surfaces where scratches and vibrations are not at all tolerated. The sizes range from 3/8", 1/2" and 1" for driver end. These sockets are available in various lengths standard, long and extra long for different applications.

Stud Runners:

Square Drive Range- 3/8" to 1"

Thread Size : M4 - M 48

: 3/16" - 2"

Universal Sockets:

Universal Sockets are available in 3/8" and 1/2" square drive. The A/F ranges from 10mm to 33mm for different square drives. The length of the sockets also varies from 62mm to 156mm depending upon the square drive and A/F sizes.

Torsion Bars: Torsion Bars are available in 1/2" and 1" square drive. Depending upon the torque capacity the colors of the torsion bars vary as under:

A/F (mm)	COLOR CAPACITY (N-m)	MAX TORQUE
17	BROWN	75.0
17	GREEN	95.0
17	CREAM	110.0
19	BLUE	75.0
19	YELLOW	90.0
19	LIGHT BLUE	110.0
19	RED	135.0
21	BLACK	80.0
21	WHITE	110.0

5 # Splined Sockets & Accessories:

5 Splined sockets are specialized sockets used in automotive applications.

The A/F sizes ranges from 19mm to 80mm. 5# Splined sockets require specialized 5# accessories like

5# universal joint

5# male Adapter

5# female adapter

5# extension bar.

Bud Wheel Sockets:

Available in square drives 3/4" and 1". Also available in 5# splined.

A/F ranges from 20mm to 98mm. Bud wheel sockets are available in both standard and long length.

Bearing Nut Sockets:

Bearing nut sockets are available in square drive sizes of 3/8", 1/2", 3/4" and 1". They are also available in the A/F sizes of 22mm-145mm.

Lug Nut Sockets are available in A/F sizes ranging from 17mm-26mm.

OZAT Impact Sockets are designed for professional tool users. They are engineered specifically for use with impact tools using the most up to date industrial specifications.

Impact sockets are made with thicker walls and tempered to a lower hardness so as not to shatter under the impacts. They are typically finished in black oxide rather than the chrome plating typical of the hand-tool variety. Hand-tool sockets should never be used with impact wrenches as they will shatter.

Since impact sockets are used in demanding applications, impact sockets are designed to sustain the impacts. Look inside the square drive hole for a mark in the metal that looks like it's been gouged with a fingernail. This indicates that the drive has been formed by pushing a rod through the metal during the forging process, resulting in a stronger surface. Check where the six inside walls of the socket meet. Rounded corners let the walls of the socket grip a bolt, rather than the weaker edges. Inner walls that meet at sharp points are likely to crack under heavy use.

Impact sockets are available in different sizes and types. A few common types that are used are as under:

1. **6 Point Standard Impact Sockets**
2. **6 Point Deep Impact Sockets**
3. **12 Point Standard Impact Sockets**
4. **12 Point Deep Impact Sockets**
5. **4 Point Standard**
6. **8 Point Standard**
7. **Thin Wall Impact Sockets -Standard**
8. **Thin Wall Impact Sockets-Deep**

Sizes range from 1/4", 3/8", 1/2", 3/4", 1", 1.1/2", 2.1/2", 3.1/2" for the driver end and for the driven unit the sizes range from 5mm to 150mm depending upon driver size and type of socket.

ACCESSORIES:

Extensions Bars sometimes called "extender arms", attach to a socket on one end and a ratchet on the other end of the extension. These "extend" the length of the socket and allow access to nuts or bolts that are difficult to reach.

Universal Joints are two articulated socket joints (about 1" long) combined at a right angle that allow a bend in the turning axis of the wrench socket. They are used with extensions and ratchets for turning a bolt or nut at a difficult to access location.

Adapters allow sockets of one drive size to be used with another ratchet drive size. They consist of following type:

Driver Unit	Driven Unit
Male	Female
Female	Female
Male	Male

- **Ratchet Handle** allows the socket to be twisted by twisting the Ratchet handle around the handle axis. It requires less than 1 degree arc swing to rotate socket-ideal for very tight spaces.
- **Swivel Handle Ratchets** are socket wrenches in which the drive head pivots or swivels back and forth on the handle, to allow the socket handle movement to avoid obstructions when being turned in a cramped space. Some ratchet heads swivel the whole ratchet head.
- **Sliding T-Handle** sizes range from 3/8", 1/2", 1", 1.1/2", 2.1/2", 3.1/2" for the driver end and for the driven unit the sizes range from 5mm to 150mm depending upon driver size and type of socket.
- **L Handle** sizes range from 1/4" square drive to 1" square drive and length varies from 125mm to 600mm.

TYPES OF IMPACT SOCKET OPENING

6 Point Hexagon	InHex Male Hexagon Driver	Socket for TORX® Fasteners	Driver for TORX® Fasteners
Surface Drive	Male Square	Spline #5 Sockets	Spline #5 Driver
12 Points Double Hexagon Sockets	8 Points Double Square Sockets	4 Points Square	Magnetic

METRIC - SET 06SS - 01

S.No.	Description	Catalogue No.	Quantity/ Set
	Size		
1	Socket 8 mm	06M08SS	1
2	Socket 10 mm	06M10SS	1
3	Socket 11 mm	06M11SS	1
4	Socket 12 mm	06M12SS	1
5	Socket 13 mm	06M13SS	1
6	Socket 14 mm	06M14SS	1
7	Socket 15 mm	06M15SS	1
8	Socket 16 mm	06M16SS	1
9	Socket 17 mm	06M17SS	1
10	Socket 18 mm	06M18SS	1
11	Socket 19 mm	06M19SS	1
12	Socket 20 mm	06M20SS	1
13	Socket 21 mm	06M21SS	1
14	Socket 22 mm	06M22SS	1
15	Socket 24 mm	06M24SS	1
16	Ratchet 3/8"	RA06SS	1
17	Extn. 125 mm	E0605SS	1
18	Extn. 228 mm	E0609SS	1
19	T Handle 3/8"	TH06SS	1

A/F - SET 08SS - 01

S.No.	Description	Catalogue No.	Quantity/ Set
	Size		
1	Socket 8 mm	08M10SS	1
2	Socket 11 mm	08M11SS	1
3	Socket 12 mm	08M12SS	1
4	Socket 13 mm	08M13SS	1
5	Socket 14 mm	08M14SS	1
6	Socket 15 mm	08M15SS	1
7	Socket 16 mm	08M16SS	1
8	Socket 17 mm	08M17SS	1
9	Socket 18 mm	08M18SS	1
10	Socket 19 mm	08M19SS	1
11	Socket 20 mm	08M20SS	1
12	Socket 21 mm	08M21SS	1
13	Socket 22 mm	08M22SS	1
14	Socket 24 mm	08M24SS	1
15	Socket 27 mm	08M27SS	1
16	Socket 30 mm	08M30SS	1
17	Socket 32 mm	08M32SS	1
18	Ratchet 1/2"	RA08SS	1
19	Extn. 125 mm	E0805SS	1
20	Extn. 228 mm	E0809SS	1
21	T Handle 1/2"	TH08SS	1

METRIC - SET 06SS - 02

S.No.	Description	Catalogue No.	Quantity/ Set
	Size		
1	Socket 5/16"	0605SS	1
2	Socket 3/8"	0606SS	1
3	Socket 7/16"	0607SS	1
4	Socket 1/2"	0608SS	1
5	Socket 9/16"	0609SS	1
6	Socket 5/8"	0610SS	1
7	Socket 11/16"	0611SS	1
8	Socket 3/4"	0612SS	1
9	Socket 13/16"	0613SS	1
10	Socket 7/8"	0614SS	1
11	Socket 15/16"	0615SS	1
12	Socket 1"	0616SS	1
13	Ratchet 3/8"	RA06SS	1
14	Extension 5"	E0605SS	1
15	Extension 9"	E0609SS	1
16	T Handle 3/8"	TH06SS	1

Other Sets Available

A/F - SET 08SS - 02

S.No.	Description	Catalogue No.	Quantity/ Set
	Size		
1	Socket 5/16"	0805SS	1
2	Socket 3/8"	0806SS	1
3	Socket 7/16"	0807SS	1
4	Socket 1/2"	0808SS	1
5	Socket 9/16"	0809SS	1
6	Socket 5/8"	0810SS	1
7	Socket 11/16"	0811SS	1
8	Socket 3/4"	0812SS	1
9	Socket 13/16"	0813SS	1
10	Socket 7/8"	0814SS	1
11	Socket 15/16"	0815SS	1
12	Socket 1"	0816SS	1
13	Socket 1 1/16"	0817SS	1
14	Socket 1 1/8"	0818SS	1
15	Socket 1 3/16"	0819SS	1
16	Socket 1 1/4"	0820SS	1
17	Ratchet 1/2"	RA08SS	1
18	Extension 5"	E0805SS	1
19	Extension 9"	E0809SS	1
20	T Handle 1/2"	TH08SS	1



1/2" DRIVE STAINLESS STEEL IMPACT SOCKETS

Stainless Steel Impact Sockets - Material: 17-4PH

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t mm	Weight gm
	mm	A/F Inch						
1	8		08M08ISS	15	25	38	4.0	60
2		3/8"	0806ISS	16	25	38	4.0	85
3	10		08M10ISS	17	25	38	5.0	90
4		7/16"	0807ISS	18	25	38	6.0	90
5		1/2"	0808ISS	20	25	38	6.0	90
6	13		08M13ISS	21	25	38	6.0	90
7		9/16"	0809ISS	22	25	38	7.0	90
8	15		08M15ISS	24	25	38	7.0	90
9		5/8"	0810ISS	25	25	38	8.0	90
10	17		08M17ISS	26	30	38	9.0	130
11		11/16"	0811ISS	25	30	38	9.0	130
12	19		0812M19ISS	27.5	30	38	9.5	130
13		13/16"	0813ISS	30	30	38	11.0	130
14	21		08M21ISS	30	30	38	11.0	130
15	22		08M22ISS	32	30	38	11.0	140
16		7/8"	0814ISS	32	30	38	13.0	140
17		15/16"	0815ISS	35	30	38	13.0	160
18	24		08M24ISS	35	30	45	13.0	170
19		1"	0816ISS	35	30	38	13.0	200
20	27		0817M27ISS	38	30	50	13.0	220
21		1 1/8"	0818ISS	38	30	40	16.5	220
22	30		0819M30ISS	41	30	50	16.5	290
23		1 1/4"	0820ISS	44	30	40	17.0	240
24	32		08M32ISS	44	30	50	17.0	300

Other Materials Available

S.No.	Extension	Catalogue No.	D mm	L mm	Weight gm
1	Extension 5"	E0805ISS	30	125	240
2	Extension 10"	E0810ISS	30	250	470

3/8" DRIVE 8 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS ON RAIL & CLIPS

S.No.	Size	Catalogue No.	Quantity/ Set
1	8 mm	06M08	1
2	9 mm	06M09	1
3	10 mm	06M10	1
4	11 mm	06M11	1
5	13 mm	06M13	1
6	15 mm	06M15	1
7	17 mm	06M17	1
8	19 mm	0612M19	1



3/8" DRIVE 8 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS ON RAIL & CLIPS

S.No.	Size	Catalogue No.	Quantity/ Set
1	8 mm	06M08L	1
2	9 mm	06M091	1
3	10 mm	06M10L	1
4	11 mm	06M11L	1
5	13 mm	06M13L	1
6	15 mm	06M15L	1
7	17 mm	06M17L	1
8	19 mm	0612M19L	1



1/2" DRIVE 14 pcs.

A/F - 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	3/8"	806	1
2	7/16"	807	1
3	1/2"	808	1
4	9/16"	809	1
5	5/8"	810	1
6	11/16"	811	1
7	3/4"	812	1
8	13/16"	813	1
9	7/8"	814	1
10	15/16"	815	1
11	1"	816	1
12	1 1/16"	817	1
13	Extension 5"	E0805	1
14	Universal Joint 1/2"	U0808	1
15	Pin	P0825	2
16	Pin	P0830	2
17	Ring	R0825	2
18	Ring	R0830	2



1/2" DRIVE 10 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS ON RAIL & CLIPS

S.No.	Size	Catalogue No.	Quantity/ Set
1	10 mm	08M10	1
2	11 mm	08M11	1
3	12 mm	08M12	1
4	13 mm	08M13	1
5	14 mm	08M14	1
6	15 mm	08M15	1
7	16 mm	08M16	1
8	17 mm	08M17	1
9	18 mm	08M18	1
10	19 mm	0812M19	1



1/2" DRIVE 10 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS ON RAIL & CLIPS

S.No.	Size	Catalogue No.	Quantity/ Set
1	10 mm	08M10L	1
2	11 mm	08M11L	1
3	12 mm	08M12L	1
4	13 mm	08M13L	1
5	14 mm	08M14L	1
6	15 mm	08M15L	1
7	16 mm	08M16L	1
8	17 mm	08M17L	1
9	18 mm	08M18L	1
10	19 mm	0812M19L	1



1/2" DRIVE 16 pcs.

A/F - 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	11mm	08M11	1
2	12mm	08M12	1
3	13mm	08M13	1
4	14mm	08M14	1
5	15mm	08M15	1
6	16mm	08M16	1
7	17mm	08M17	1
8	18mm	08M18	1
9	19mm	0812M19	1
10	20mm	08M20	1
11	21mm	08M21	1
12	22mm	08M22	1
13	24mm	08M24	1
14	27mm	0817M27	1
15	Extension 125 mm	E0805	1
16	Universal Joint 1/2"	U0808	1
17	Pin	P0825	2
18	Pin	P0830	2
19	Ring	R0825	2
20	Ring	R0830	2



1/2" DRIVE 16 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	10 mm	08M10	1
2	12 mm	08M12	1
3	13 mm	08M13	1
4	14 mm	08M14	1
5	15 mm	08M15	1
6	16 mm	08M16	1
7	17 mm	08M17	1
8	18 mm	08M18	1
9	19 mm	0812M19	1
10	20 mm	08M20	1
11	21 mm	08M21	1
12	22 mm	08M22	1
13	24 mm	08M24	1
14	27 mm	0817M27	1
15	Extension 125 mm	E0805	1
16	Universal Joint 1/2"	U0808	1
17	Pin	P0825	2
18	Pin	P0830	2
19	Ring	R0825	2
20	Ring	R0830	2



1/2" DRIVE CATCH SOCKET SETS

METRIC - 6 POINT DEEP CATCH SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	8 mm	08M08LBB	1
2	10 mm	08M10LBB	1
3	12 mm	08M12LBB	1
4	13 mm	08M13LBB	1
5	15 mm	08M15LBB	1
6	17 mm	08M17LBB	1
7	19 mm	0812M19LBB	1



1/2" DRIVE 5 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	10 mm	08M10	1
2	13 mm	08M13	1
3	17 mm	08M17	1
4	19 mm	0812M19	1
5	24 mm	08M24	1



1/2" DRIVE 7 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	8 mm	08M08L	1
2	10 mm	08M10L	1
3	12 mm	08M12L	1
4	13 mm	08M13L	1
5	15 mm	08M15L	1
6	17 mm	08M17L	1
7	19 mm	0812M19L	1



3/4" DRIVE 4 pcs.

METRIC - 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	24mm	12M24	1
2	27mm	1217M27	1
3	30mm	1219M30	1
4	33mm	12M33	1



3/4" DRIVE 16 pcs.

METRIC 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

S.No.	Size	Catalogue No.	Quantity/ Set
1	19 mm	1212M19	1
2	20 mm	12M20	1
3	21 mm	12M21	1
4	22 mm	12M22	1
5	24 mm	12M24	1
6	25 mm	12M25	1
7	27 mm	1217M27	1
8	30 mm	1219M30	1
9	32 mm	12M32	1
10	33 mm	12M33	1
11	35 mm	1222M35	1
12	36 mm	12M36	1
13	38 mm	1224M38	1
14	41 mm	12M41	1
15	Extension 175 mm	E1207	1
16	Universal Joint 3/4"	U1212	1
17	Pin	P1244	2
18	Ring	R1244	2



3/4" DRIVE 14 pcs.

A/F - 6 POINT IMPACT SOCKET SETS IN BLOW MOLD CASE

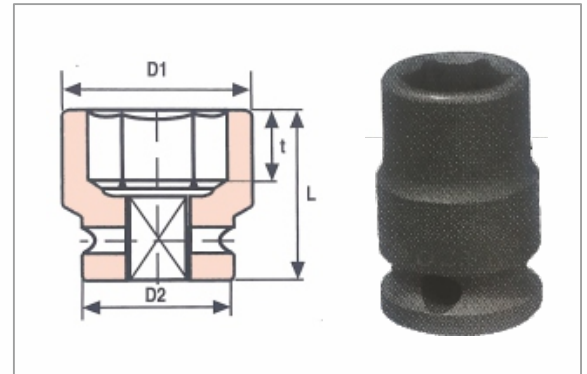
S.No.	Size	Catalogue No.	Quantity/ Set
1	3/4"	1212M19	1
2	13/16"	1213	1
3	7/8"	1214	1
4	15/16"	1215	1
5	1"	1216	1
6	1 1/16"	1217M27	1
7	1 1/8"	1218	1
8	1 1/4"	1220	1
9	1 5/16"	1221	1
10	1 7/16"	1223	1
11	1 1/2"	1224M38	1
12	1 5/8"	1226	1
13	Extension 7"	E1207	1
14	Universal Joint 3/4"	U1212	1
15	Pin	P1244	2
16	Ring	R1244	2



6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	4		04M04	7.6	13	23	3.0	14.0
2		3/16"	403	8.5	13	23	3.0	14.0
3	5		04M05	8.8	13	23	3.0	14.0
4		7/32"	4035	9.5	13	23	3.0	14.0
5	6		04M06	10.0	13	23	3.0	14.0
6		1/4"	404	10.3	13	23	3.0	14.0
7	7		04M07	11.3	13	23	3.0	14.0
8		9/32"	4045	11.3	13	23	3.0	14.0
9		5/16"	405	12.5	13	23	3.0	14.0
10	8		04M08	12.5	13	23	4.0	14.0
11		11/32"	4055	13.8	13	23	4.0	15.0
12	9		04M09	13.8	13	23	4.0	15.0
13		3/8"	406	15.0	13	23	4.0	15.0
14	10		04M10	15.0	13	23	5.0	15.0
15	11		04M11	16.3	13	23	5.0	18.0
16		7/16"	407	16.3	13	23	6.0	18.0
17	12		04M12	17.0	13	23	6.0	19.0
18		1/2"	408	18.8	13	23	6.0	19.0
19	13		04M13	18.8	13	23	6.0	19.0
20	14		04M14	20.0	13	23	7.0	22.0
21		9/16"	409	20.0	13	23	7.0	22.0

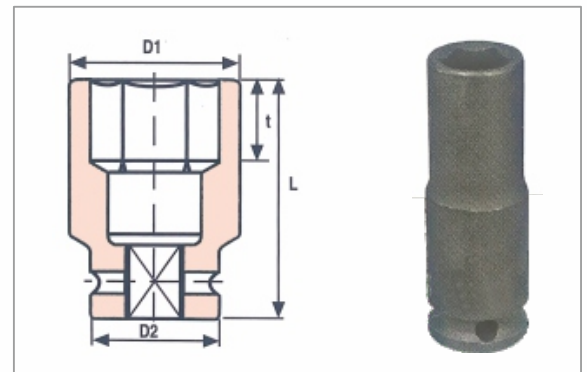


6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	4		04M04L	7.6	13	50	3.0	29.0
2		3/16"	0403L	8.5	13	50	3.0	29.0
3	5		04M05L	8.8	13	50	3.0	29.0
4		7/32"	04035L	9.5	13	50	3.0	29.0
5	6		04M06L	10.0	13	50	3.0	29.0
6		1/4"	0404L	10.3	13	50	3.0	29.0
7	7		04M07L	11.3	13	50	3.0	29.0
8		9/32"	04045L	11.3	13	50	3.0	29.0
9		5/16"	0405L	12.5	13	50	3.0	29.0
10	8		04M08L	12.5	13	50	4.0	29.0
11		11/32"	04055L	13.8	13	50	4.0	31.0
12	9		04M09L	13.8	13	50	4.0	31.0
13		3/8"	0406L	15.0	13	50	4.0	31.0
14	10		04M10L	15.0	13	50	5.0	31.0
15	11		04M11L	16.3	13	50	5.0	37.0
16		7/16"	0407L	16.3	13	50	6.0	37.0
17	12		04M12L	17.0	13	50	6.0	39.0
18		1/2"	0408L	18.8	13	50	6.0	39.0
19	13		04M13L	18.8	13	50	6.0	39.0
20	14		04M14L	20.0	13	50	7.0	45.0
21		9/16"	0409L	20.0	13	50	7.0	45.0
22	15		04M15L	21.0	13	50	7.0	45.0

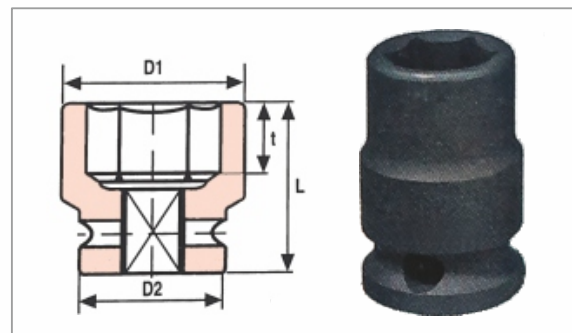


6 POINT IMPACT SOCKETS LONG

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		06M06	11.0	19	30	3.0	40
2	7		06M07	12.6	19	30	3.0	40
3	8		06M08	14.6	19	30	4.0	40
4	9		06M09	15.0	19	30	4.0	40
5		3/8"	0606	14.5	19	30	4.0	40
6	10		06M10	16.0	19	30	5.0	40
7	11		06M11	17.5	19	30	5.0	40
8		7/16"	0607	17.0	19	30	6.0	40
9	12		06M12	19.0	19	30	6.0	40
10		1/2"	0608	19.0	19	30	6.0	40
11	13		06M13	19.0	22	30	6.0	60
12	14		06M14	22.0	22	30	7.0	60
13		9/16"	0609	22.0	22	30	7.0	40
14	15		06M15	22.0	22	30	7.0	60
15		5/8"	0610	24.0	24	30	8.0	60
16	16		06M16	24.0	22	30	8.0	60
17	17		06M17	25.0	22	30	9.0	60
18		11/16"	0611	24.0	24	30	9.0	60
19	18		06M18	26.0	22	30	9.0	60
20	19	3/4"	0612M19	27.5	22	30	9.5	70
21	20		06M20	28.0	22	30	10.0	70
22		13/16"	0613	28.0	28	30	11.0	70
23	21		06M21	30.0	22	30	11.0	70
24	22		06M22	32.0	23	30	11.0	100
25		7/8"	0614	30.0	30	30	13.0	100
26	23		06M23	32.0	23	30	13.0	100

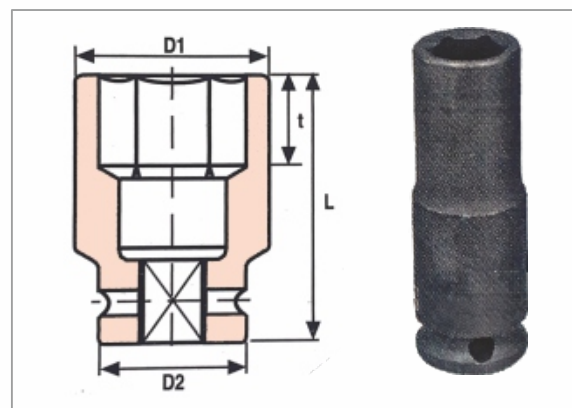


6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		06M06L	11.0	19	65	3.0	80
2	7		06M07L	12.5	19	65	3.0	80
3	8		06M08L	14.5	19	65	4.0	80
4	9		06M09L	15.0	19	65	4.0	80
5		3/8"	0606L	14.5	19	65	4.0	80
6	10		06M10L	16.0	19	65	5.0	80
7	11		06M11L	17.5	19	65	5.0	80
8		7/16"	0607L	17.0	19	65	6.0	80
9	12		06M12L	19.0	19	65	6.0	80
10		1/2"	0608L	19.0	19	65	6.0	80
11	13		06M13L	19.0	22	65	6.0	120
12	14		06M14L	21.0	22	65	7.0	120
13		9/16"	0609L	22.0	22	65	7.0	120
14	15		06M15L	22.0	22	65	7.0	120
15		5/8"	0610L	24.0	24	65	8.0	130
16	16		06M16L	24.0	22	65	8.0	130
17	17		06M17L	25.0	22	65	9.0	130
18		11/16"	0611L	24.0	24	65	9.0	130
19	18		06M18L	26.0	22	65	9.0	150
20	19	3/4"	0612M19L	27.5	22	65	9.5	150
21	20		06M20L	28.0	22	65	10.0	150
22		13/16"	0613L	28.0	28	65	11.0	160
23	21		06M21L	30.0	22	65	11.0	180
24	22		06M22L	32.0	23	65	11.0	200
25		7/8"	0614L	30.0	30	65	13.0	200
26	23		06M23L	32.0	23	65	13.0	200



6 POINT IMPACT SOCKETS LONG

IMPACT SOCKETS FOR TORX® FASTENER

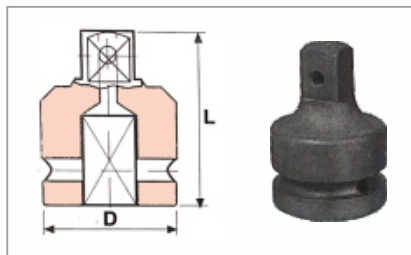


S.No.	N. Opening TORX®	Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	E5	06E05	9	19	32	5	40
2	E6	06E06	10	19	32	6	40
3	E7	06E07	10	19	32	7	40
4	E8	06E08	10	19	32	8	40
5	E10	06E10	12.5	19	32	9	40
6	E11	06E11	14.5	19	32	9	45
7	E12	06E12	15	19	32	10	45
8	E14	06E14	17.5	19	32	12	45
9	E16	06E16	19	19	32	12	45

ADAPTERS



S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	3/8"	1/2"	A0608	22	33	60

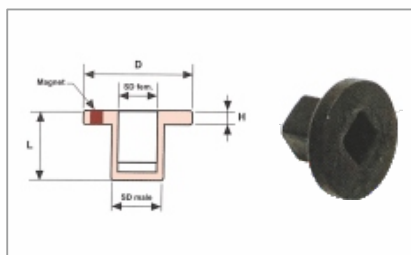


ADAPTERS

INSERT ADAPTERS



S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	1/4"	3/8"	AS0406	22	14.2	16
2	3/8"	1/2"	AS0608	30	20	36

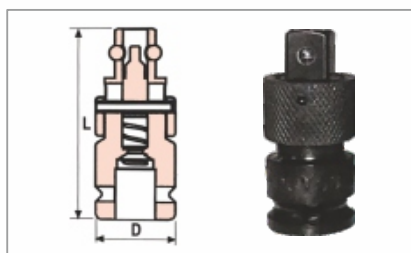


INSERT ADAPTERS

QUICK CHANGE ADAPTER



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	3/8"	QCAD060	20	46	60

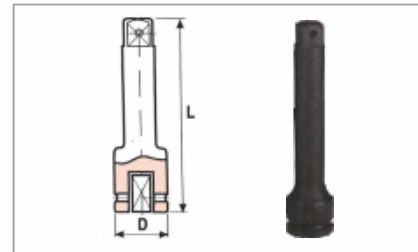


QUICK CHANGE ADAPTER

EXTENSIONS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	3/8"	E0603	19	75	150
2	3/8"	E0604	19	100	190
3	3/8"	E0605	19	125	240
4	3/8"	E0606	19	150	300

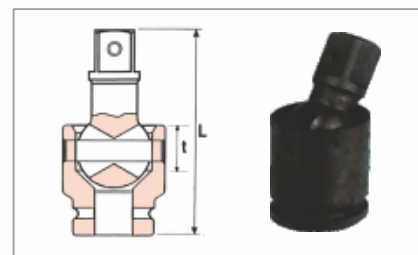


EXTENSIONS

UNIVERSAL JOINT



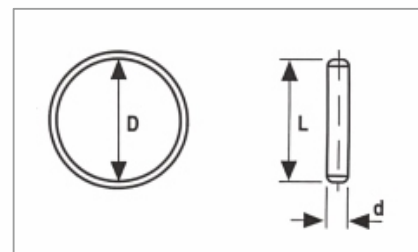
S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	3/8"	U0606	20.4	50	130



UNIVERSAL JOINT

RETAINING PINS & RING

S.No.	For Socket		Catalogue No.		Pin		Ring
	Square Size	Dia. of Square End	Retaining G Pin	Retaining Ring	d mm	L mm	D mm
1	3/8"	19	P0619	R0619	2.5	14	14
2	3/8"	22	P0622	R0622	2.5	16	15.5



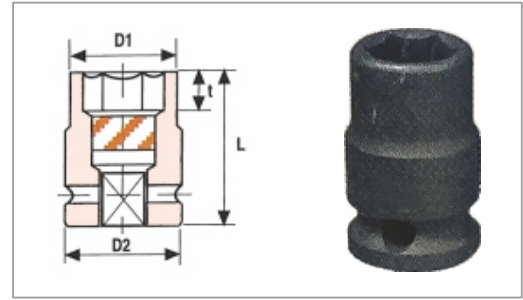
RETAINING PINS & RING

MAGNETIC SOCKETS

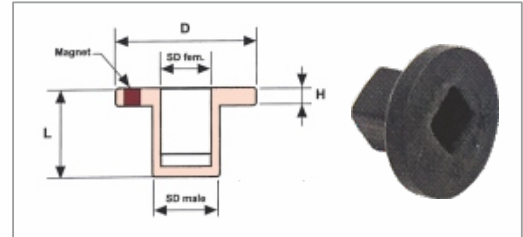
6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		06M06M	11.0	19	30	3.0	40
2	7		06M07M	12.5	19	30	3.0	40
3	8		06M08M	14.5	19	30	4.0	40
4	9		06M09M	15.0	19	30	4.0	40
5		3/8"	0606M	14.5	19	30	4.0	40
6	10		06M10M	16.0	19	30	5.0	40
7	11		06M11M	17.5	19	30	5.0	40
8		7/16"	0607M	17.0	19	30	6.0	40
9	12		06M12M	19.0	19	30	6.0	40
10		1/2"	0608M	19.0	19	30	6.0	40
11	13		06M13M	19.0	22	30	6.0	60
12	14		06M14M	22.0	22	30	7.0	60
13		9/16"	0609M	20.0	20	30	7.0	40
14	15		06M15M	22.0	22	30	7.0	60
15		5/8"	0610M	24.0	24	30	8.0	60
16	16		06M16M	24.0	22	30	8.0	60
17	17		06M17M	25.0	22	30	9.0	60
18		11/16"	0611M	25.0	22	30	9.0	60
19	18		06M18M	26.0	22	30	9.0	60
20	19	3/4"	0612M19M	27.5	22	30	9.5	70



6 POINT IMPACT SOCKETS REGULAR LENGTH



INSERT ADAPTER

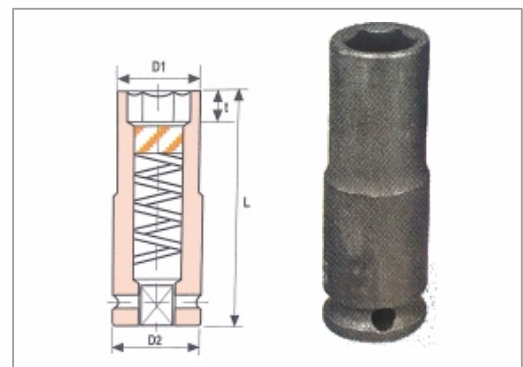


MAGNETIC SOCKETS

6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		06M06LM	11.0	19	65	3.0	80
2	7		06M07LM	12.5	19	65	3.0	80
3	8		06M08LM	14.5	19	65	4.0	80
4	9		06M09LM	15.0	19	65	4.0	80
5		3/8"	0606LM	14.5	19	65	4.0	80
9	10		06M10LM	16.0	19	65	5.0	80
7	11		06M11LM	17.5	19	65	5.0	80
8		7/16"	0607LM	17.0	19	65	6.0	80
9	12		06M12LM	19.0	19	65	6.0	80
10		1/2"	0608LM	19.0	19	65	6.0	80
11	13		06M13LM	19.0	22	65	6.0	120
12	14		06M14LM	21.0	22	65	7.0	120
13		9/16"	0609LM	20.0	20	65	7.0	120
14	15		06M15LM	22.0	22	65	7.0	120
15		5/8"	0610LM	24.0	24	65	8.0	130
16	16		06M16LM	24.0	22	65	8.0	130
17	17		06M17LM	25.0	22	65	9.0	130
18		11/16"	0611LM	25.0	22	65	9.0	130
19	18		06M18LM	26.0	22	65	9.0	150
20	19	3/4"	0612M19LM	27.5	22	62	9.5	150

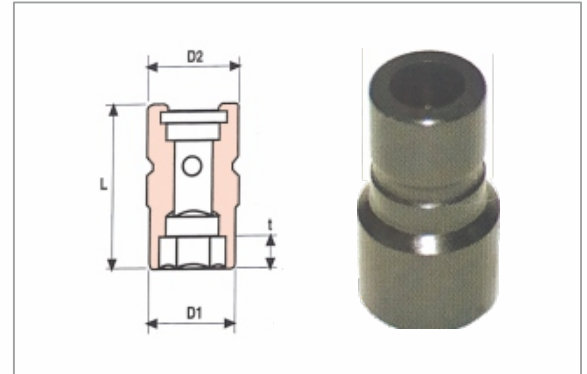


6 POINT IMPACT SOCKETS LONG

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS STANDARD



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		LOV06M06	11	19	43	10	
2	7		LOV06M07	13	19	43	10	
3	8		LOV06M08	15	19	43	10	
4	9		LOV06M09	15	19	43	10	
5		3/8"	LOV0606	15	19	43	10	
6	10		LOV06M10	16	19	43	12	
7	11		LOV06M11	18	19	43	12	
8		7/16"	LOV0607	18	19	43	12	
9	12		LOV06M12	19	19	43	12	
10		1/2"	LOV0608	19	19	43	12	
11	13		LOV06M13	19	22	43	12	
12	14		LOV06M14	21	22	43	12	
13		9/16"	LOV0609	21	22	43	12	
14	15		LOV06M15	22	22	43	12	
15		5/8"	LOV0610	24	22	43	12	
16	16		LOV06M16	24	22	43	12	
17	17		LOV06M17	25	22	43	13	
18		11/16"	LOV0611	25	22	43	13	
19	18		LOV06M18	26	22	43	13	
20	19	3/4"	LOV0612M19	28	22	43	13	
21	20		LOV06M20	28	22	43	13	
22		13/16"	LOV0613	28	22	43	13	
23	21		LOV06M21	30	22	43	13	

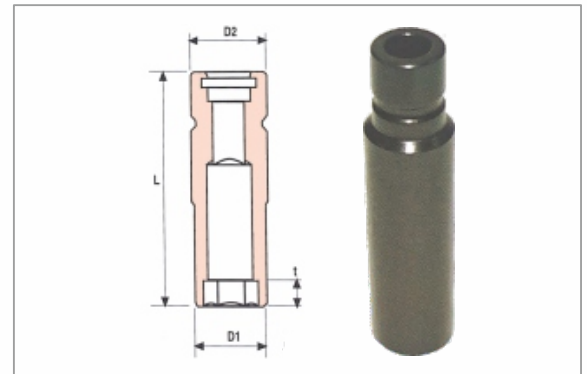


"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
STANDARD

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS 100 mm LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		LOV06M06L100	11	19	100	10	
2	7		LOV06M07L100	13	19	100	10	
3	8		LOV06M08L100	15	19	100	10	
4	9		LOV06M09L100	15	19	100	10	
5		3/8"	LOV0606L100	15	19	100	10	
6	10		LOV06M10L100	16	19	100	12	
7	11		LOV06M11L100	18	19	100	12	
8		7/16"	LOV0607L100	18	19	100	12	
9	12		LOV06M12L100	19	19	100	12	
10		1/2"	LOV0608L100	19	19	100	12	
11	13		LOV06M13L100	19	22	100	12	
12	14		LOV06M14L100	21	22	100	12	
13		9/16"	LOV0609L100	21	22	100	12	
14	15		LOV06M15L100	22	22	100	12	
15		5/8"	LOV0610L100	24	22	100	12	
16	16		LOV06M16L100	24	22	100	12	
17	17		LOV06M17L100	25	22	100	13	
18		11/16"	LOV0611L100	25	22	100	13	
19	18		LOV06M18L100	26	22	100	13	
20	19	3/4"	LOV0612M19L100	28	22	100	13	
21	20		LOV06M20L100	28	22	100	13	
22		13/16"	LOV0613L100	28	22	100	13	
23	21		LOV06M21L100	30	22	100	13	

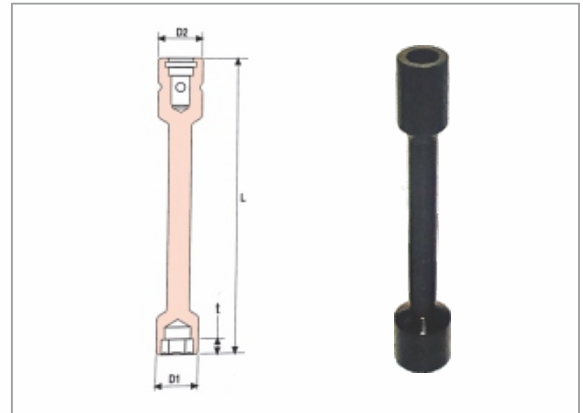


"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
100 mm LONG

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS 150 mm LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		LOV06M06L150	11	19	150	10	
2	7		LOV06M07L150	13	19	150	10	
3	8		LOV06M08L150	15	19	150	10	
4	9		LOV06M09L150	15	19	150	10	
5		3/8"	LOV0606L150	15	19	150	10	
6	10		LOV06M10L150	16	19	150	12	
7	11		LOV06M11L150	18	19	150	12	
8		7/16"	LOV0607L150	18	19	150	12	
9	12		LOV06M12L150	19	19	150	12	
10		1/2"	LOV0608L150	19	19	150	12	
11	13		LOV06M13L150	19	22	150	12	
12	14		LOV06M14L150	21	22	150	12	
13		9/16"	LOV0609L150	21	22	150	12	
14	15		LOV06M15L150	22	22	150	12	
15		5/8"	LOV0610L150	24	22	150	12	
16	16		LOV06M16L150	24	22	150	12	
17	17		LOV06M17L150	25	22	150	13	
18		1 1/16"	LOV0611L150	25	22	150	13	
19	18		LOV06M18L150	26	22	150	13	
20	19	3/4"	LOV0612M19L150	28	22	150	13	
21	20		LOV06M20L150	28	22	150	13	
22		1 3/16"	LOV0613L150	28	22	150	13	
23	21		LOV06M21L150	30	22	150	13	

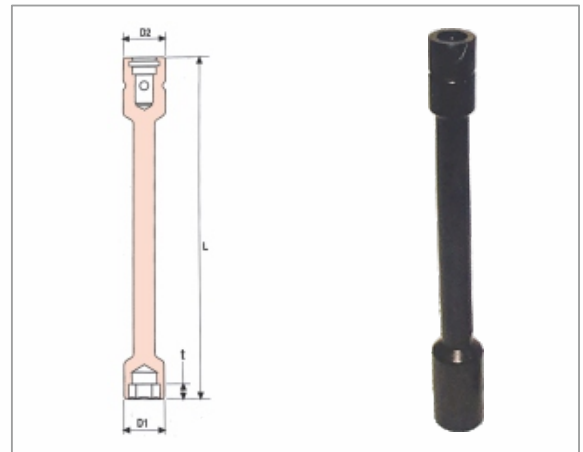


"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
150 mm LONG

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS 200 mm LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	6		LOV06M06L200	11	19	200	10	
2	7		LOV06M07L200	13	19	200	10	
3	8		LOV06M08L200	15	19	200	10	
4	9		LOV06M09L200	15	19	200	10	
5		3/8"	LOV0606L200	15	19	200	10	
6	10		LOV06M10L200	16	19	200	12	
7	11		LOV06M11L200	18	19	200	12	
8		7/16"	LOV0607L200	18	19	200	12	
9	12		LOV06M12L200	19	19	200	12	
10		1/2"	LOV0608L200	19	19	200	12	
11	13		LOV06M13L200	19	22	200	12	
12	14		LOV06M14L200	21	22	200	12	
13		9/16"	LOV0609L200	21	22	200	12	
14	15		LOV06M15L200	22	22	200	12	
15		5/8"	LOV0610L200	24	22	200	12	
16	16		LOV06M16L200	24	22	200	12	
17	17		LOV06M17L200	25	22	200	13	
18		1 1/16"	LOV0611L200	25	22	200	13	
19	18		LOV06M18L200	26	22	200	13	
20	19	3/4"	LOV0612M19L200	28	22	200	13	
21	20		LOV06M20L200	28	22	200	13	
22		1 3/16"	LOV0613L200	28	22	200	13	
23	21		LOV06M21L200	30	22	200	13	

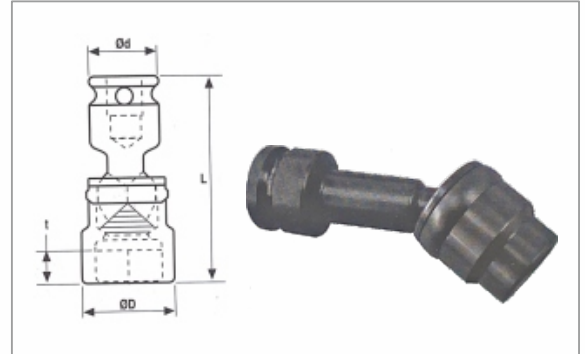


"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
200 mm LONG

6 POINT UNIVERSAL SOCKETS REGULAR



S.No.	Nominal Opening		Catalogue No.	D1 mm	d mm	L mm	t mm	Weight gm
	mm	A/F Inch						
1	9		UB06M9	15.0	22	60	4.0	80
2	10		UB06M10	16.0	22	60	5.0	80
3	11		UB06M11	17.5	22	60	5.0	80
4	12		UB06M12	19.0	22	60	6.0	90
5	13		UB06M13	19.0	22	60	6.0	90
6	14		UB06M14	21.0	22	60	7.0	100
7	15		UB06M15	22.0	22	60	7.0	100
8	16		UB06M16	24.0	22	60	8.0	110
9	17		UB06M17	25.0	22	60	9.0	110
10	18		UB06M18	26.0	22	60	9.0	120
11	19		UB06M19	27.5	22	60	9.5	120
12	20		UB06M20	28.0	22	60	10.0	130
13	21		UB06M21	30.0	22	60	11.0	130
14	22		UB06M22	32.0	22	60	11.0	140
15		3/8"	UB0606	15.0	22	60	4.0	80
16		7/16"	UB0607	17.5	22	60	6.0	80
17		1/2"	UB0608	19.0	22	60	6.0	90
18		9/16"	UB0609	20.0	22	60	7.0	100
19		5/8"	UB0610	24.0	22	60	8.0	110
20		11/16"	UB0611	25.0	22	60	9.0	110
21		3/4"	UB0612	27.5	22	60	15	120
22		13/16"	UB0613	28.0	22	60	11.0	130
23		7/8"	UB0614	32.0	22	60	13.0	140



6 POINT UNIVERSAL SOCKETS

6 POINT UNIVERSAL SOCKETS LONG

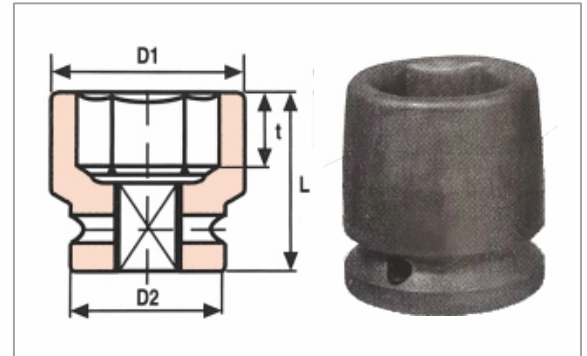


S.No.	Nominal Opening		Catalogue No.	D1 mm	d mm	L mm	t mm	Weight gm
	mm	A/F Inch						
1	9		UB06M9L	15.0	22	150	4.0	140
2	10		UB06M10L	16.0	22	150	5.0	140
3	11		UB06M11L	17.5	22	150	5.0	140
4	12		UB06M12L	19.0	22	150	6.0	150
5	13		UB06M13L	19.0	22	150	6.0	150
6	14		UB06M14L	21.0	22	150	7.0	160
7	15		UB06M15L	22.0	22	150	7.0	160
8	16		UB06M16L	24.0	22	150	8.0	170
9	17		UB06M17L	25.0	22	150	9.0	170
10	18		UB06M18L	26.0	22	150	9.0	180
11	19		UB06M19L	27.5	22	150	9.5	180
12	20		UB06M20L	28.0	22	150	10.0	190
13	21		UB06M21L	30.0	22	150	11.0	190
14	22		UB06M22L	32.0	22	150	11.0	200
15		3/8"	UB0606L	15.0	22	150	4.0	140
16		7/16"	UB0607L	17.5	22	150	6.0	140
17		1/2"	UB0608L	19.0	22	150	6.0	150
18		9/16"	UB0609L	20.0	22	150	7.0	160
19		5/8"	UB0610L	24.0	22	150	8.0	170
20		11/16"	UB0611L	25SL	22	150	9.0	170
21		3/4"	UB0612L	27.5	22	150	11.0	180
22		13/16"	UB0613L	28.0	22	150	11.0	190
23		7/8"	UB0614L	32.0	22	150	13.0	200

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	8		08M08	15.0	25	38	4.0	60
2	9		08M09	16.0	25	38	4.0	85
3		3/8"	806	16.0	25	38	4.0	85
4	10		08M10	17.0	25	38	5.0	90
5	11		08M11	19.0	25	38	5.0	90
6		7/16"	807	18.0	25	38	6.0	90
7	12		08M12	20.0	25	38	6.0	90
8		1/2"	808	20.0	25	38	6.0	90
9	13		08M13	21.0	25	38	6.0	90
10	14		08M14	22.0	25	38	7.0	90
11		9/16"	809	22.0	25	38	7.0	90
12	15		08M15	24.0	30	38	7.0	130
13		5/8"	810	25.0	25	38	8.0	80
14	16		08M16	25.0	30	38	8.0	130
15	17		08M17	26.0	30	38	9.0	130
16		11/16"	811	25.0	25	38	9.0	80
17	18		08M18	27.5	30	38	9.0	130
18	19	3/4"	0812M19	27.5	30	38	9.5	130
19	20		08M20	30.0	30	38	10.0	130
20		13/16"	813	30.0	30	38	11.0	130
21	21		08M21	30.0	30	38	11.0	130
22	22		08M22	32.0	30	38	11.0	140
23		7/8"	814	32.0	30	38	13.0	140
24	23		08M23	32.0	30	38	13.0	140
25		15/16"	815	35.0	30	38	13.0	160
26	24		08M24	35.0	30	45	13.0	170
27	25		08M25	35.0	30	45	13.0	170
28		1"	816	35.0	30	38	13.0	200
29	26		08M26	38.0	30	50	13.0	200
30	27	1 1/16"	0817M27	38.0	30	50	13.0	260
31	28		08M28	40.0	30	50	14.0	260
32		1 1/8"	818	38.0	30	40	16.5	220
33	29		08M29	41.0	30	50	16.5	290
34	30	1 3/16"	0819M30	41.0	30	50	16.5	290
35	31		08M31	44.0	30	50	16.5	290
36		1 1/4"	820	44.0	35	40	17.0	240
37	32		08M32	44.0	30	50	17.0	300
38	33		08M33	45.0	30	50	17.0	300
39		1 5/16"	821	45.0	35	43	19.0	260
40	34		08M34	49.0	35	46	19.0	300
41	35	1 3/8"	0822M35	49.0	38	50	19.0	300
42	36		08M36	49.0	35	50	19.0	300
43		1 7/16"	823	49.0	38	50	19.0	300
44	37		08M37	52.0	38	50	19.0	400
45	38	1 1/2"	0824M38	52.0	38	50	22.0	400

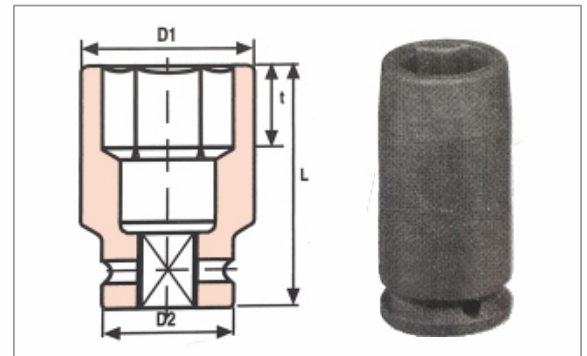


6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	8		08M08L	15.0	25	78	4.0	160
2	9		08M09L	16.0	25	78	4.0	160
3		3/8"	0806L	16.0	22	78	4.0	140
4	10		08M10L	17.0	25	78	5.0	160
5	11		08M11L	19.0	25	78	5.0	160
6		7/16"	0807L	18.0	22	78	6.0	140
7	12		08M12L	20.0	25	78	6.0	170
8		1/2"	0808L	20.0	22	78	6.0	140
9	13		08M13L	21.0	25	78	6.0	170
10	14		08M14L	22.0	25	78	7.0	170
11		9/16"	0809L	22.0	25	78	7.0	200
12	15		08M15L	24.0	30	78	7.0	240
13		5/8"	0810L	25.0	25	78	8.0	200
14	16		08M16L	25.0	30	78	8.0	250
15	17		08M17L	26.0	30	78	9.0	250
16		11/16"	0811L	25.0	25	78	9.0	190
17	18		08M18L	27.5	30	78	9.0	260
18	19	3/4"	0812M19L	28.0	30	78	9.5	250
19	20		08M20L	30.0	30	78	10.0	280
20		13/16"	0813L	30.0	30	78	11.0	280
21	21		08M21L	30.0	30	78	11.0	250
22	22		08M22L	32.0	30	78	11.0	280
23		7/8"	0814L	32.0	30	78	13.0	280
24	23		08M23L	32.0	30	78	13.0	280
25		15/16"	0815L	35.0	30	78	13.0	300
26	24		08M24L	35.0	30	78	13.0	300
27	25		08M25L	35.0	30	78	13.0	300
28		1"	0816L	35.0	30	78	13.0	380
29	26		08M26L	38.0	30	78	13.0	380
30	27	1 1/16"	0817M27L	38.0	30	78	13.0	430
31	28		08M28L	40.0	30	78	14.0	430
32		1 1/8"	0818L	38.0	30	78	16.5	480
33	29		08M29L	41.0	30	78	16.5	430
34	30	1 3/16"	0819M30L	41.0	30	78	16.5	430
35	31		08M31L	44.0	30	78	16.5	500
36		1 1/4"	0820L	44.0	35	78	17.0	500
37	32		08M32L	44.0	30	78	17.0	500
38	33		08M33L	45.0	30	78	17.0	550
39		1 5/16"	0821L	45.0	35	78	19.0	550
40	34		08M34L	49.0	35	78	19.0	600
41	35	13/8"	0822M35L	49.0	38	78	19.0	600
42	36		08M36L	49.0	35	78	19.0	600
43		1 7/16"	0823L	49.0	38	78	19.0	600
44	37		08M37L	52.0	38	78	19.0	790
45	38	1 1/2"	0824M38L	52.0	38	78	22.0	790

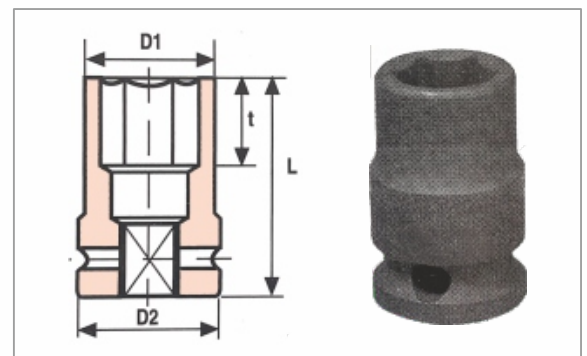


6 POINT IMPACT SOCKETS LONG

6 POINT THIN WALL IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	13		08M13T	20.5	25	38	6.0	70
2	14		08M14T	22.0	25	38	7.0	72
3		9/16"	0809T	22.0	24	38	7.0	72
4	15		08M15T	23.5	30	38	7.0	110
5		5/8"	0810T	24.5	25	38	8.0	70
6	16		08M16T	24.5	30	38	8.0	110
7	17		08M17T	25.0	30	38	9.0	110
8		11/16"	0811T	24.5	25	38	9.0	70
9	18		08M18T	25.0	30	38	9.0	110
10	19	3/4"	0812M19T	27.0	30	38	9.5	110
11	20		08M20T	28.0	30	38	10.0	110
12		13/16"	0813T	28.0	30	38	11.0	110
13	21		08M21T	29.5	30	38	11.0	119
14	22		08M22T	30.0	30	38	11.0	119
15		7/8"	0814T	30.0	30	38	13.0	120
16	23		08M23T	31.5	30	38	13.0	140
17		15/16"	0815T	33.0	30	38	13.0	160
18	24		08M24T	33.0	30	45	13.0	160

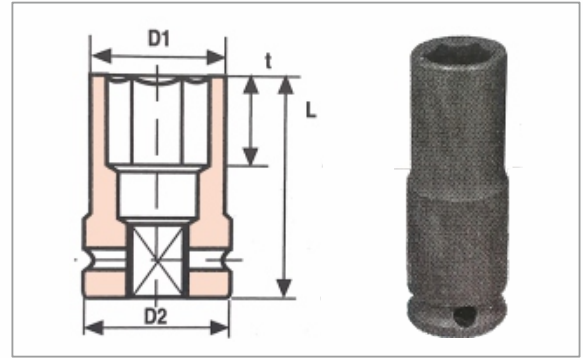


6 POINT THIN WALL IMPACT SOCKETS REGULAR LENGTH

6 POINT THIN WALL IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	13		08M13LT	20.5	25	78	6.0	240
2	14		08M14LT	22.0	25	78	7.0	240
3		9/16"	0809LT	22.0	25	78	7.0	240
4	15		08M15LT	23.5	30	78	7.0	240
5		5/8"	0810LT	24.5	25	78	8.0	240
6	16		08M16LT	24.5	30	78	8.0	240
7	17		08M17LT	25.0	30	78	9.0	240
8		11/16"	0811LT	24.5	25	78	9.0	130
9	18		08M18LT	25.0	30	78	9.0	130
10	19	3/4"	0812M19LT	27.0	30	78	9.5	230
11	20		08M20LT	28.0	30	78	10.0	230
12		13/16"	0813LT	28.0	30	78	11.0	230
13	21		08M21LT	29.5	30	78	11.0	230
14	22		08M22LT	30.0	30	78	11.0	230
15		7/8"	0814LT	30.0	32	78	13.0	230
16	23		08M23LT	31.5	30	78	13.0	230
17		15/16"	0815LT	33.0	30	78	13.0	230
18	24		08M24LT	33.0	30	78	13.0	230

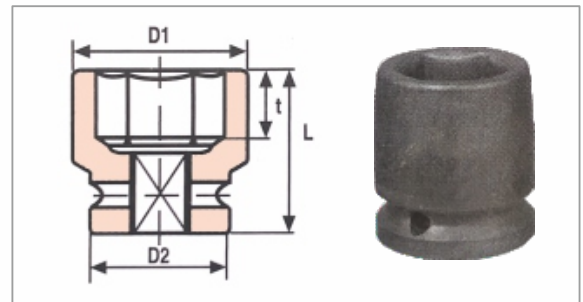


6 POINT THIN WALL IMPACT SOCKETS LONG

6 POINT THICK WALL IMPACT SOCKETS DEEP HEXAGON



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		08M17K	30	30	45	11.0	170
2	19	3/4"	0812M19K	33	30	45	13.0	190

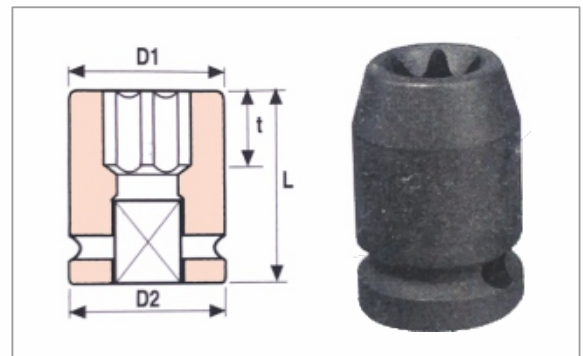


6 POINT THICK WALL IMPACT SOCKETS DEEP HEXAGON

SURFACE DRIVE IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1/2"	SD0808	20	25	38	6.0	70
2	13		SD08M13	21	25	38	6.0	70
3	14		SD08M14	22	25	38	7.0	70
4		9/16"	SD0809	22	25	38	7.0	70
5	15		SD08M15	24	30	38	7.0	120
6		5/8"	SD0810	25	25	38	8.0	90
7	16		SD08M16	25	30	38	8.0	120
8	17		SD08M17	26	30	38	9.0	130
9		11/16"	SD0811	25	25	38	9.0	110
10	18		SD08M18	28	30	38	9.0	130
11	19	3/4"	SD0812M19	28	30	38	9.5	130
12	20		SD08M20	30	30	38	10.0	130
13		13/16"	SD0813	30	30	38	11.0	130
14	21		SD08M21	30	30	38	11.0	130
15	22		SD08M22	32	30	38	11.0	170
16		7/8"	SD0814	32	30	38	13.0	170

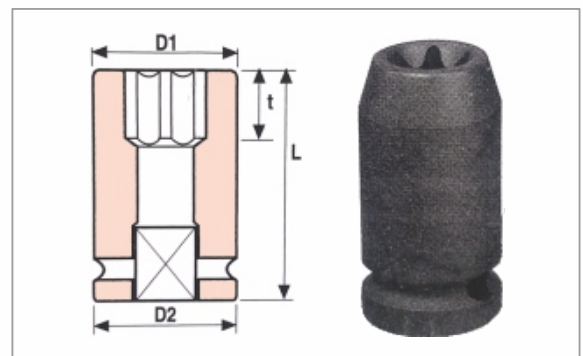


SURFACE DRIVE IMPACT SOCKETS REGULAR LENGTH

SURFACE DRIVE IMPACT SOCKETS LONG



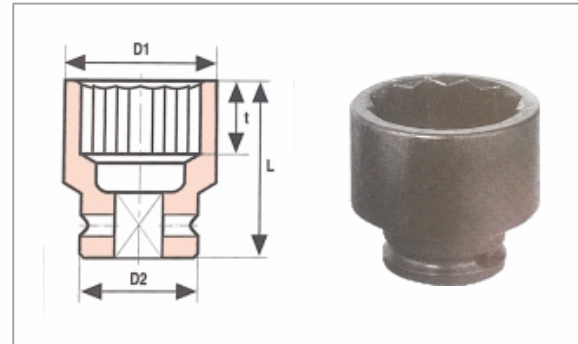
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1/2"	SD0808L	20	22	78	6.0	230
2	13		SD08M13L	21	25	78	6.0	230
3	14		SD08M14L	22	25	78	7.0	230
4		9/16"	SD0809L	22	25	78	7.0	230
5	15		SD08M15L	24	30	78	7.0	320
6		5/8"	SD0810L	25	25	78	8.0	230
7	16		SD08M16L	25	30	78	8.0	320
8	17		SD08M17L	26	30	78	9.0	320
9		11/16"	SD0811L	25	25	78	9.0	230
10	18		SD08M18L	28	30	78	9.0	320
11	19	3/4"	SD0812M19L	28	30	78	9.5	320
12	20		SD08M20L	30	30	78	10.0	320
13		13/16"	SD0813L	30	30	78	11.0	320
14	21		SD08M21L	30	30	78	11.0	320
15	22		SD08M22L	32	30	78	11.0	330
16		7/8"	SD0814L	32	30	78	13.0	330



SURFACE DRIVE IMPACT SOCKETS LONG

12 POINT IMPACT SOCKETS REGULAR LENGTH

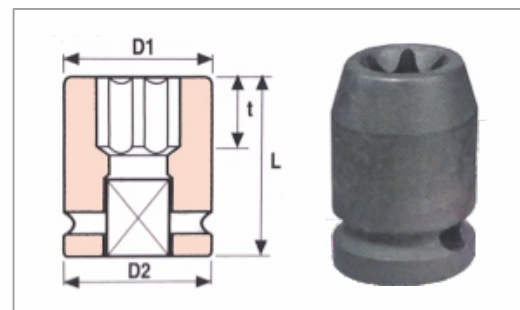
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	19	3/4"	0812M19DH	28.7	30	38	9.5	130
2	20		08M20DH	30.0	30	38	10.0	130
3		13/16"	0813DH	30.0	30	38	11.0	130
4	21		08M21DH	30.0	30	38	11.0	130
5	22		08M22DH	32.0	30	38	11.0	140
6		7/8"	0814DH	32.0	32	38	13.0	140
7	23		08M23DH	32.0	30	38	13.0	140
8		15/16"	0815DH	35.0	30	38	13.0	160
9	24		08M24DH	35.0	30	45	13.0	170
10	25		08M25DH	39.0	30	45	13.0	170
11		1"	0816DH	35.0	36	38	13.0	200
12	26		08M26DH	38.0	30	50	13.0	200
13	27	1 1/16"	0817M27DH	38.0	30	50	13.0	260
14	28		08M28DH	40.0	30	50	14.0	260
15		1 1/8"	0818DH	38.0	30	40	16.5	220
16	29		08M29DH	40.0	30	50	16.5	290
17	30	1 3/16"	0819M30DH	41.0	30	50	16.5	290
18	31		08M31DH	43.0	30	50	16.5	290
19		1 1/4"	0820DH	44.0	35	40	17.0	240
20	32		08M32DH	44.0	30	50	17.0	300
21	33		08M33DH	45.0	30	50	17.0	300
22		1 5/16"	0821DH	45.0	35	43	19.0	260
23	34		08M34DH	49.0	35	46	19.0	300
24	35	1 3/8"	0822M35DH	48.5	38	50	19.0	300
25	36		08M36DH	49.0	35	50	19.0	300
26		1 7/16"	0823DH	49.0	38	50	19.0	300
27	37		08M37DH	52.0	44	47	19.0	400
28	38	1 1/2"	0824M38DH	52.5	38	50	22.0	400



12 POINT IMPACT SOCKETS REGULAR LENGTH

IMPACT SOCKETS FOR TORX® FASTENER

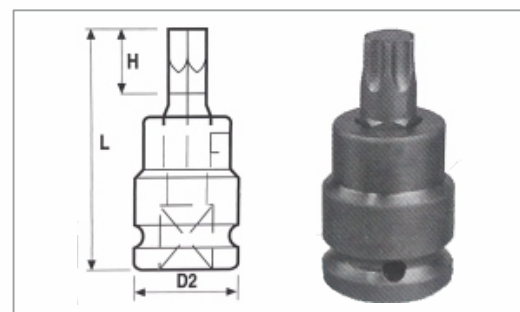
S.No.	N. Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	TORX®							
1	E10		08E10	15.0	25	38	9.0	85
2	E11		08E11	15.5	25	38	9.0	85
3	E12		08E12	16.0	25	38	10.0	91
4	E14		08E14	18.5	25	38	12.0	91
5	E16		08E16	20.0	25	38	12.0	95
6	E18		08E18	22.0	25	38	12.0	95
7	E20		08E20	25.0	30	38	13.0	140
8	E22		08E22	26.5	30	45	15.0	158
9	E24		08E24	28.5	30	45	17.0	161



IMPACT SOCKETS FOR TORX® FASTENER

2 PARTS DRIVERS FOR TORX® SCREW

S.No.	N. Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	TORX®						
1	T30		08T30	25	57	3.19	110
2	T40		08140	25	57	3.3	110
3	T45		08145	25	57	3.81	110
4	T50		08150	25	57	4.57	110
5	T55		08155	25	57	5.08	110
6	T60		08160	30	60	7.62	160
7	170		08170	30	60	8.89	170



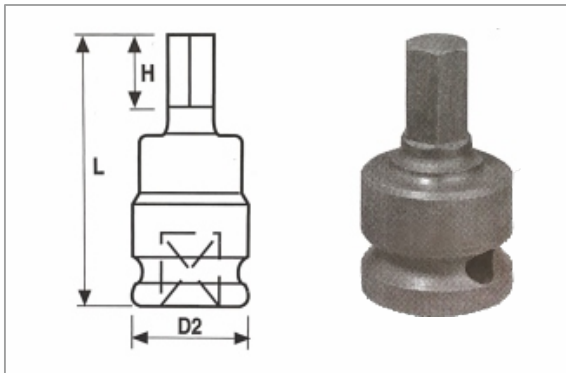
2 PARTS DRIVERS FOR TORX® SCREW

ONE PART INHEX DRIVER

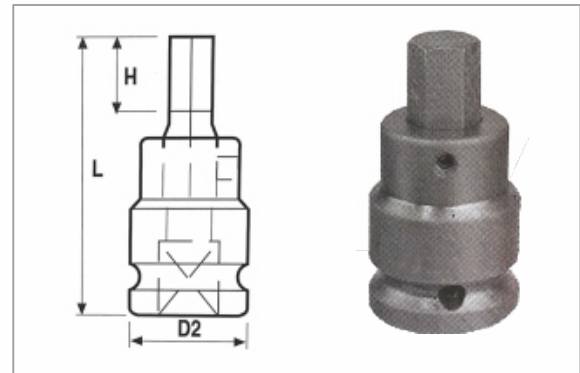
S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1		1/8"	0802H	25	38	3	60
2		5/32"	08025H	25	38	4	60
3		3/16"	0803H	25	38	5	60
4		7/32"	08035H	25	38	6	60
5		1/4"	0804H	25	38	7	60
6		5/16"	0805H	25	38	8	65
7		3/8"	0806H	25	40	10	65
8		7/16"	0807H	25	40	11	65
9		1/2"	0808H	30	42	13	140
10		9/16"	0809H	30	43	14	140
11		5/8"	0810H	30	43	16	140
12	3		08M03H	25	38	3	60
13	4		08M04H	25	38	4	60
14	5		08M05H	25	38	5	65
15	6		08M06H	25	38	6	65
16	7		08M07H	25	38	7	65
17	8		08M08H	25	38	8	65
18	9		08M09H	25	38	9	65
19	10		08M10H	25	40	10	65
20	11		08M11H	25	40	11	140
21	12		08M12H	30	42	12	140
22	13		08M13H	30	42	13	140
23	14		08M14H	30	43	14	140
24	15		08M15H	30	43	15	140
25	16		08M16H	30	43	16	140
26	17		08M17H	30	45	17	140
27	18		08M18H	30	45	18	140
28	19		08M19H	30	50	19	140

TWO PARTS INHEX DRIVER

S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1		1/8"	0802V	25	54	6	90
2		5/32"	08025V	25	54	6	90
3		3/16"	0803V	25	54	8	90
4		7/32"	08035V	25	54	9	90
5		1/4"	0804V	25	54	12	100
6		5/16"	0805V	25	57	12	100
7		3/8"	0806V	25	57	16	100
8		7/16"	0807V	25	57	18	100
9		1/2"	0808V	30	57	19	150
10		9/16"	0809V	30	57	21	150
11		5/8"	0810V	30	59	24	150
12	3		08M03V	25	54	5	90
13	4		08M04V	25	54	6	90
14	5		08M05V	25	54	8	90
15	6		08M06V	25	54	9	100
16	7		08M07V	25	54	9	100
17	8		08M08V	25	57	12	100
18	9		08M09V	25	57	16	100
19	10		08M10V	25	57	16	100
20	11		08M11V	30	57	18	150
21	12		08M12V	30	57	18	150
22	13		08M13V	30	57	21	150
23	14		08M14V	30	57	21	150
24	15		08M15V	30	57	26	150
25	16		08M16V	30	59	26	150
26	17		08M17V	30	74	26	150
27	18		08M18V	30	74	26	150
28	19		08M19V	30	74	26	150



ONE PART INHEX DRIVER



TWO PARTS INHEX DRIVER

INHEX DRIVER - 100 mm LONG

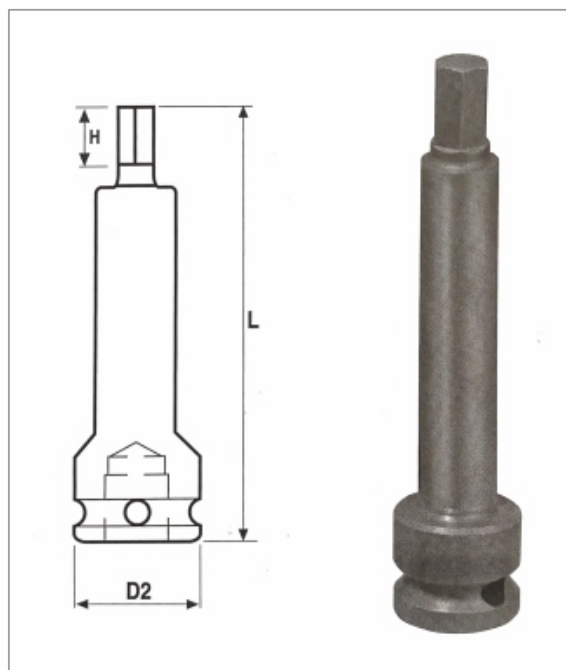


S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1	3		08M03HL4	25	100	3	90
2	4		08M04HL4	25	100	4	90
3	5		08M05HL4	25	100	5	90
4	6		08M06HL4	25	100	6	90
5	8		08M08HL4	25	100	8	90
6	10		08M10HL4	25	100	10	90
7	12		08M12HL4	30	100	12	200
8	14		08M14HL4	30	100	14	200
9	17		08M17HL4	30	100	17	200
10	19		08M19HL4	30	100	19	200
11		1/8"	0802HL4	25	100	3	90
12		5/32"	08025HL4	25	100	4	90
13		3/16"	0803HL4	25	100	5	90
14		7/32"	08035HL4	25	100	6	90
15		1/4"	0804HL4	25	100	7	90
16		5/16"	0805HL4	25	100	8	90
17		3/8"	0806HL4	25	100	10	90
18		7/16"	0807HL4	25	100	11	90
19		1/2"	0808HL4	30	100	13	200
20		9/16"	0809HL4	30	100	14	200
21		5/8"	0810HL4	30	100	16	200

INHEX DRIVER - 150 mm LONG



S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1	3		08M03HL6	25	150	3	120
2	4		08M04HL6	25	150	4	120
3	5		08M05HL6	25	150	5	120
4	6		08M06HL6	25	150	6	120
5	8		08M08HL6	25	150	8	120
6	10		08M10HL6	25	150	10	120
7	12		08M12HL6	30	150	12	230
8	14		08M14HL6	30	150	14	230
9	17		08M17HL6	30	150	17	230
10	19		08M19HL6	30	150	19	230
11		1/8"	0802HL6	25	150	3	120
12		5/32"	08025HL6	25	150	4	120
13		3/16"	0803HL6	25	150	5	120
14		7/32"	08035HL6	25	150	6	120
15		1/4"	0804HL6	25	150	7	120
16		5/16"	0805HL6	25	150	8	120
17		3/8"	0806HL6	25	150	10	120
18		7/16"	0807HL6	25	150	11	120
19		1/2"	0808HL6	30	150	13	230
20		9/16"	0809HL6	30	150	14	230
21		5/8"	0810HL6	30	150	16	230

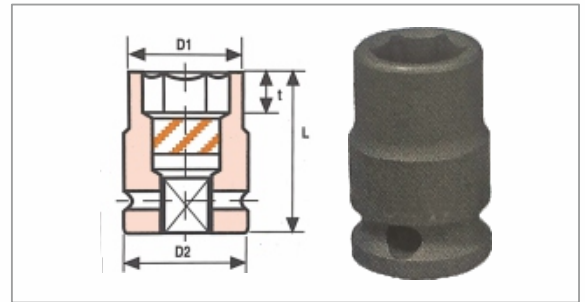


MAGNETIC SOCKETS

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		3/8"	0806M	16.0	25	38	4.0	80
2	10		08M10M	17.0	25	38	5.0	90
3	11		08M11M	19.0	25	38	5.0	80
4		7/16"	0807M	19.0	25	38	6.0	80
5	12		08M12M	20.0	25	38	6.0	90
6		1/2"	0808M	20.0	25	38	6.0	90
7	13		08M13M	21.0	25	38	6.0	90
8	14		08M14M	22.5	25	38	7.0	90
9		9/16"	0809M	22.0	25	38	7.0	90
10	15		08M15M	23.7	30	38	7.0	130
11		5/8"	0810M	25.0	25	38	8.0	90
12	16		08M16M	25.0	30	38	8.0	130
13	17		08M17M	26.0	30	38	9.0	130
14		11/16"	0811M	26.0	26	38	9.0	90
15	18		08M18M	27.5	30	38	9.0	130
16	19	3/4"	0812M19M	28.7	30	38	9.5	130



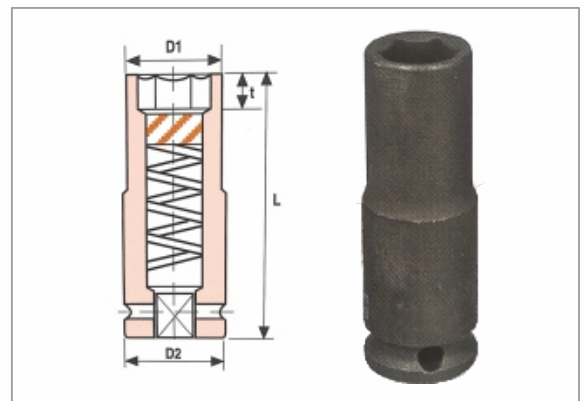
6 POINT IMPACT SOCKETS REGULAR LENGTH

MAGNETIC SOCKETS

6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		3/8"	0806LM	16.0	25	78	4.0	140
2	10		08M10LM	17.0	25	78	5.0	160
3	11		08M11LM	19.0	25	78	5.0	160
4		7/16"	0807LM	19.0	25	78	6.0	140
5	12		08M12LM	20.0	25	78	6.0	160
6		1/2"	0808LM	20.0	25	78	6.0	140
7	13		08M13LM	21.0	25	78	6.0	160
8	14		08M14LM	22.5	25	78	7.0	160
9		9/16"	0809LM	22.0	25	78	7.0	160
10	15		08M15LM	23.7	30	78	7.0	240
11		5/8"	0810LM	25.0	25	78	8.0	200
12	16		08M16LM	25.0	30	78	8.0	240
13	17		08M17LM	26.0	30	78	9.0	240
14		11/16"	0811LM	26.0	26	78	9.0	190
15	18		08M18LM	27.5	30	78	9.0	250
16	19	3/4"	0812M19LM	28.7	30	78	9.5	250

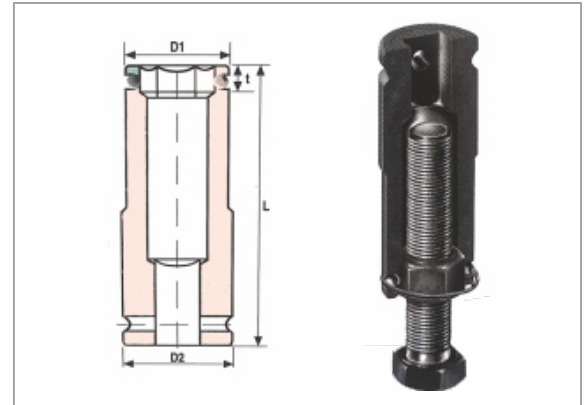


6 POINT IMPACT SOCKETS LONG

CATCH SOCKETS - STANDARD



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	8		08M08BB	15	25	38	4	
2	9		08M09BB	16	25	38	4	
3		3/8"	0806BB	16	22	38	4	
4	10		08M10BB	17	25	38	5	
5	11		08M11BB	19	25	38	5	
6		7/16"	0807BB	18	22	38	6	
7	12		08M12BB	20	25	38	6	
8		1/2"	0808BB	20	22	38	6	
9	13		08M13BB	21	25	38	6	
10	14		08M14BB	22	25	38	7	
11		9/16"	0809BB	22	25	38	7	
12	15		08M15BB	24	30	38	7	
13		5/8"	0810BB	25	25	38	8	
14	16		08M16BB	25	30	38	8	
15	17		08M17BB	26	30	38	9	
16		11/16"	0811BB	25	25	38	9	
17	18		08M18BB	28	30	38	9	
18	19	3/4"	0812M19BB	28	30	38	10	
19	20		08M20BB	30	30	38	10	
20		13/16"	0813BB	30	30	38	11	
21	21		08M21BB	30	30	38	11	
22	22		08M22BB	32	30	38	11	
23		7/8"	0814BB	32	30	38	13	
24	23		08M23BB	32	30	38	13	
25		15/16"	0815BB	35	30	38	13	
26	24		08M24BB	35	30	45	13	



CATCH SOCKETS

CATCH SOCKETS - LONG

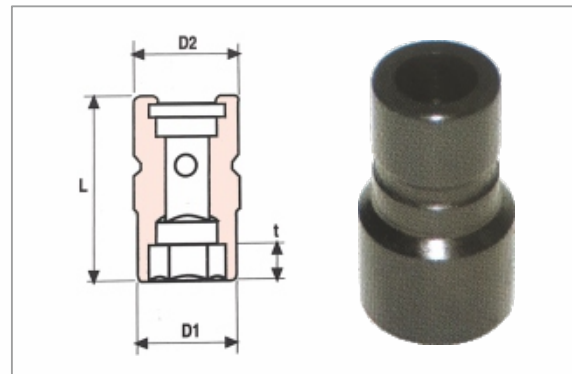


S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	8		08M08LBB	15	25	78	4	
2	9		08M09LBB	16	25	78	4	
3		3/8"	0806LBB	16	22	78	4	
4	10		08M10LBB	17	25	78	5	
5	11		08M11LBB	19	25	78	5	
6		7/16"	0807LBB	18	22	78	6	
7	12		08M12LBB	20	25	78	6	
8		1/2"	0808LBB	20	22	78	6	
9	13		08M13LBB	21	25	78	6	
10	14		08M14LBB	22	25	78	7	
11		9/16"	0809LBB	22	25	78	7	
12	15		08M15LBB	24	30	78	7	
13		5/8"	0810LBB	25	25	78	8	
14	16		08M16LBB	25	30	78	8	
15	17		08M17LBB	26	30	78	9	
16		11/16"	0811LBB	25	25	78	9	
17	18		08M18LBB	28	30	78	9	
18	19	3/4"	0812M19LBB	28	30	78	10	
19	20		08M20LBB	30	30	78	10	
20		13/16"	0813LBB	30	30	78	11	
21	21		08M21LBB	30	30	78	11	
22	22		08M22LBB	32	30	78	11	
23		7/8"	0814LBB	32	30	78	13	
24	23		08M23LBB	32	30	78	13	
25		15/16"	0815LBB	35	30	78	13	
26	24		08M24LBB	35	30	78	13	

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS STANDARD



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	10		LOV08M10	17	25	52	12	
2	11		LOV08M11	19	25	52	12	
3		7/16"	LOV0807	19	25	52	12	
4	12		LOV08M12	20	25	52	12	
5		1/2"	LOV0808	21	25	52	12	
6	13		LOV08M13	21	25	52	12	
7	14		LOV08M14	23	25	52	12	
8		9/16"	LOV0809	24	25	52	12	
9	15		LOV08M15	24	30	52	12	
10		5/8"	LOV0810	25	30	52	12	
11	16		LOV08M16	25	30	52	12 j	
12	17		LOV08M17	26	30	52	13	
13		11/16"	LOV0811	28	30	52	13	
14	18		LOV08M18	28	30	52	13	
15	19	3/4"	LOV0812M19	29	30	52	13	
16	20		LOV08M20	29	30	52	13	
17		13/16"	LOV0813	30	30	52	13	
18	21		LOV08M21	32	30	52	13	
19	22		LOV08M22	32	30	52	13	
20		7/8"	LOV0814	32	30	52	13	
21	23		LOV08M23	36	30	52	13	
22		15/16"	LOV0815	36	30	52	13	
23	24		LOV08M24	36	30	52	13	

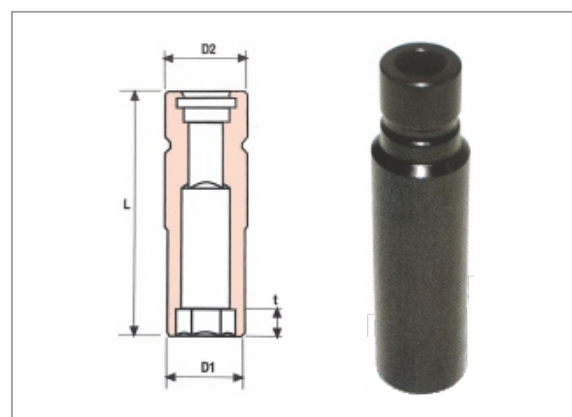


"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
STANDARD

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS 100 mm LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	10		LOV08M10L100	17	25	100	12	
2	11		LOV08M11L100	19	25	100	12	
3		7/16"	LOV0807L100	19	25	100	12	
4	12		LOV08M12L100	20	25	100	12	
5		1/2"	LOV0808L100	21	25	100	12	
6	13		LOV08M13L100	21	25	100	12	
7	14		LOV08M14L100	23	25	100	12	
8		9/16"	LOV0809L100	24	25	100	12	
9	15		LOV08M15L100	24	30	100	12	
10		5/8"	LOV0810L100	25	30	100	12	
11	16		LOV08M16L100	25	30	100	12	
12	17		LOV08M17L100	26	30	100	13	
13		11/16"	LOV08M11L100	28	30	100	13	
14	18		LOV08M18L100	28	30	100	13	
15	19	3/4"	LOV0812M19L100	29	30	100	13	
16	20		LOV08M20L100	29	30	100	13	
17		13/16"	LOV0813L100	29	30	100	13	
18	21		LOV08M21L100	30	30	100	13	
19	22		LOV08M22L100	32	30	100	13	
20		7/8"	LOV0814L100	32	30	100	13	
21	23		LOV08M23L100	32	30	100	13	
22		15/16"	LOV0815L100	36	30	100	13	
23	24		LOV08M24L100	36	30	100	13	

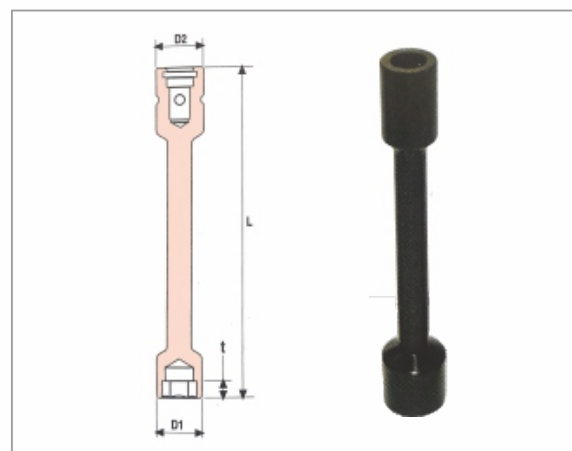


"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
100 mm LONG

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS 150 mm LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	10		LOV08M10L150	17	25	150	12	
2	11		LOV08M11L150	19	25	150	12	
3		7/16"	LOV0807L150	19	25	150	12	
4	12		LOV08M12L150	20	25	150	12	
5		1/2"	LOV0808L150	21	25	150	12	
6	13		LOV08M13L150	21	25	150	12	
7	14		LOV08M14L150	23	25	150	12	
8		9/16"	LOV0809L150	24	25	150	12	
9	15		LOV08M15L150	24	30	150	12	
10		5/8"	LOV0810L150	25	30	150	12	
11	16		LOV08M16L150	25	30	150	12	
12	17		LOV08M17L150	26	30	150	13	
13		11/16"	LOV0811L150	28	30	150	13	
14	18		LOV08M18L150	28	30	150	13	
15	19	3/4"	LOV0812M19L150	29	30	150	13	
16	20		LOV08M20L150	29	30	150	13	
17		13/16"	LOV0813L150	29	30	150	13	
18	21		LOV08M21L150	30	30	150	13	
19	22		LOV08M22L150	32	30	150	13	
20		7/8"	LOV0814L150	32	30	150	13	
21	23		LOV08M23L150	32	30	150	13	
22		15/16"	LOV0815L150	36	30	150	13	
23	24		LOV08M24L150	36	30	150	13	

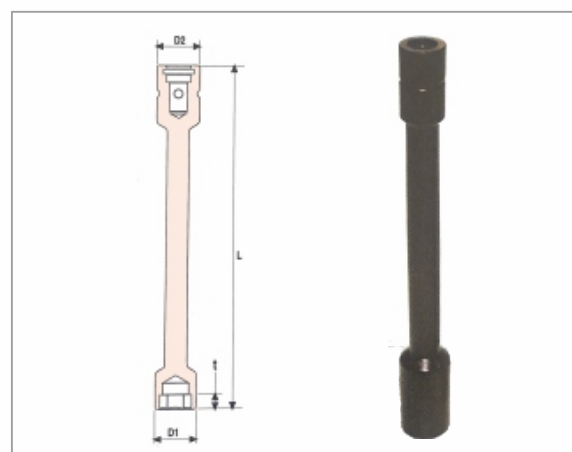


"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
150 mm LONG

"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS 200 mm LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	10		LOV08M10L200	17	25	200	12	
2	11		LOV08M11L200	19	25	200	12	
3		7/16"	LOV0807L200	19	25	200	12	
4	12		LOV08M12L200	20	25	200	12	
5		1/2"	LOV0808L200	21	25	200	12	
6	13		LOV08M13L200	21	25	200	12	
7	14		LOV08M14L200	23	25	200	12	
8		9/16"	LOV0809L200	24	25	200	12	
9	15		LOV08M15L200	24	30	200	12	
10		5/8"	LOV0810L200	25	30	200	12	
11	16		LOV08M16L200	25	30	200	12	
12	17		LOV08M17L200	26	30	200	13	
13		11/16"	LOV08M11L200	28	30	200	13	
14	18		LOV08M18L200	28	30	200	13	
15	19	3/4"	LOV0812M19L200	29	30	200	13	
16	20		LOV08M20L200	29	30	200	13	
17		13/16"	LOV0813L200	29	30	200	13	
18	21		LOV08M21L200	30	30	200	13	
19	22		LOV08M22L200	32	30	200	13	
20		7/8"	LOV0814L200	32	30	200	13	
21	23		LOV08M23L200	32	30	200	13	
22		15/16"	LOV0815L200	36	30	200	13	
23	24		LOV08M24L200	36	30	200	13	



"LOV" (LOSS OF VIBRATION) IMPACT SOCKETS
200 mm LONG

6 POINT STEEL ALUMINUM IMPACT SOCKETS LONG

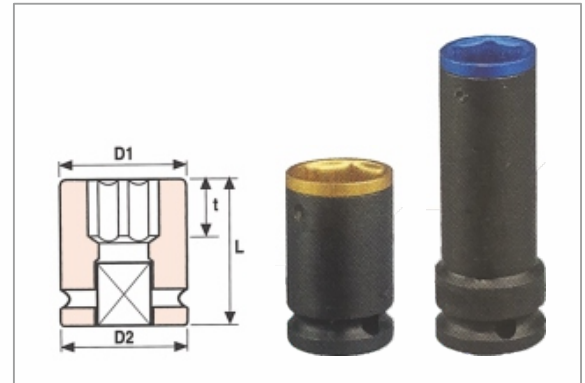


S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		08M17LAP	26	30	85	25.0	200
2	19	3/4"	0812M19LAP	28	30	85	25.0	210
3		13/16"	0813LAP	30	30	85	25.0	220
4	21		08M21 LAP	30	30	85	25.0	220
5		7/8"	0814LAP	33	33	85	25.0	250

6 POINT STEEL ALUMINUM IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		08M17AP	26	30	50	25.0	110
2	19	3/4"	0812M19AP	28	30	50	25.0	110
3		13/16"	0813AP	30	30	50	25.0	110
4	21		08M21AP	30	30	50	25.0	110
5		7/8"	0814AP	33	33	50	25.0	130

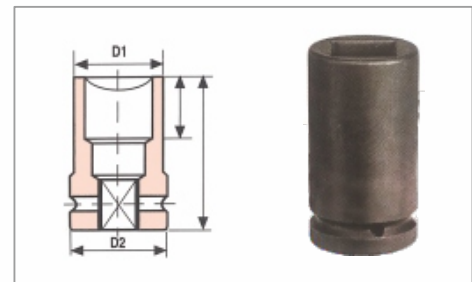


6 POINT STEEL ALUMINUM IMPACT SOCKETS

4 POINT IMPACT SOCKETS



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	7		08M07B	14	25	38	4.0	70
2	8		08M08B	17	25	38	4.0	70
3	9		08M09B	19	25	38	4.0	70
4	10		08M10B	20	25	38	5.0	70
5	11		08M11B	22	25	38	5.0	70
6	12		08M12B	22	25	38	6.0	70
7	13		08M13B	25	25	38	6.0	70
8	14		08M 14B	25	25	38	7.0	70
9	15		08M15B	30	30	38	7.0	130
10	16		08M16B	30	30	38	8.0	130
11	17		08M17B	30	30	38	9.0	130
12	18		08M18B	32	30	38	9.0	150
13	19		08M19B	35	30	38	9.5	170
14	20		08M20B	35	30	38	10.0	170
15	21		08M21B	35	30	38	11.0	170
16	22		08M22B	38	30°	38	11.0	200
17	24		08M24B	41	30	45	13.0	250
18	27		08M27B	44	30	50	13.0	300
19		3/8"	0806B	20	25	38	4.0	70
20		7/16"	0807B	22	25	38	5.0	70
21		1/2"	0808B	25	25	38	6.0	70
22		9/16"	0809B	30	30	38	7.0	130
23		5/8"	0810B	30	30	38	8.0	130
24		11/16"	0811B	30	30	38	9.0	130
25		3/4"	0812B	35	30	38	9.5	170
26		13/16"	0813B	35	30	38	11.0	170
27		7/8"	0814B	38	30	38	13.0	200
28		15/16"	0815B	41	30	38	13.0	220
29		1"	0816B	41	30	45	13.0	250
30		1 1/16"	0817B	44	30	50	13.0	300

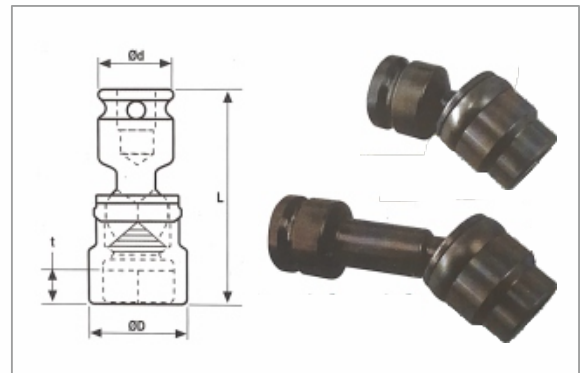


4 POINT IMPACT SOCKETS

UNIVERSAL SOCKETS - REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	13		UB08M13	21.0	30	70	6.0	150
2	14		UB08M14	22.0	30	70	7.0	150
3	15		UB08M15	24.0	30	70	7.0	160
4	16		UB08M16	25.0	30	70	8.0	160
5	17		UB08M17	26.0	30	70	9.0	170
6	18		UB08M18	27.5	30	70	9.0	180
7	19		UB08M19	27.5	30	70	9.5	180
8	20		UB08M20	30.0	30	70	10.0	180
9	21		UB08M21	30.0	30	70	11.0	180
10	22		UB08M22	32.0	30	70	11.0	200
11	23		UB08M23	32.0	30	70	13.0	200
12	24		UB08M24	35.0	30	70	13.0	210
13		9/16"	UB0809	22.0	30	70	7.0	160
14		5/8"	UB0810	25.0	30	70	8.0	160
15		11/16"	UB0811	25.0	30	70	9.0	170
16		3/4"	UB0812	27.5	30	70	9.5	180
17		13/16"	UB0813	30.0	30	70	11.0	180
18		7/8"	UB0814	32.0	30	70	13.0	200
19		15/16"	UB0815	35.0	30	70	13.0	210

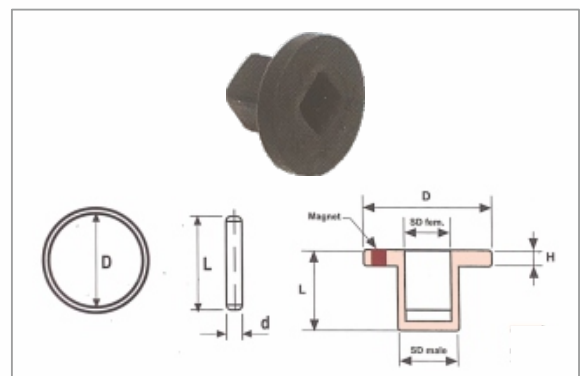


UNIVERSAL SOCKETS - REGULAR LENGTH

UNIVERSAL SOCKETS - LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	13		UB08M13L	21.0	30	150	6.0	230
2	14		UB08M14L	22.0	30	150	7.0	230
3	15		UB08M15L	24.0	30	150	7.0	250
4	16		UB08M16L	25.0	30	150	8.0	250
5	17		UB08M17L	26.0	30	150	9.0	300
6	18		UB08M18L	27.5	30	150	9.0	300
7	19		UB08M19L	27.5	30	150	9.5	300
8	20		UB08M20L	30.0	30	150	10.0	300
9	21		UB08M21L	30.0	30	150	11.0	300
10	22		UB08M22L	32.0	30	150	11.0	350
11	23		UB08M23L	32.0	30	150	13.0	350
12	24		UB08M24L	35.0	30	150	13.0	370
13		9/16"	UB0809L	22.0	30	150	7.0	230
14		5/8"	UB0810L	25.0	30	150	8.0	250
15		11/16"	UB0811L	25.0	30	150	9.0	300
16		3/4"	UB0812L	27.5	30	150	9.5	300
17		13/16"	UB0813L	30.0	30	150	11.0	300
18		7/8"	UB0814L	32.0	30	150	13.0	350
19		15/16"	UB0815L	35.0	30	150	13.0	370

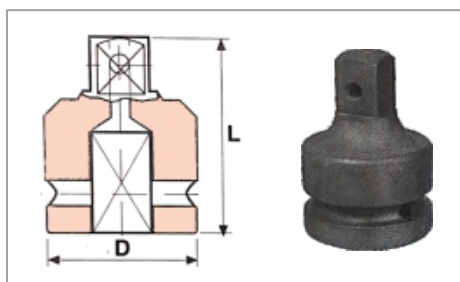


UNIVERSAL SOCKETS - LONG

ADAPTERS



S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	1/2"	3/8"	A0806	25	38	70
2	1/2"	5/8"	A0810	25	35	90
3	1/2"	3/4"	A0812	30	48	180

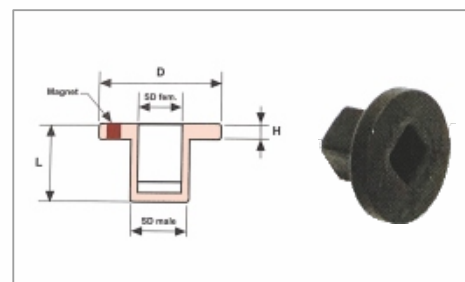


ADAPTERS

INSERT ADAPTERS



S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	3/8"	1/2"	AS0608	30	20	36
2	1/2"	3/4"	AS0812	44	29	108

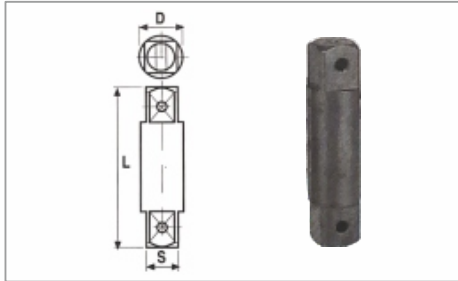


INSERT ADAPTERS

TWO SIDE FEMALE ADAPTERS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1/2"	AN0808	25	33	70
2	1/2"	AN1008	35	41	170
3	1/2"	AN1208	44	49	320

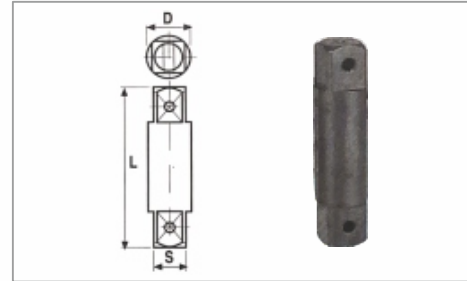


TWO SIDE FEMALE ADAPTERS

TWO SIDE MALE ADAPTERS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1/2"	Z0802	19	50	63
2	1/2"	Z0803	19	76	120
3	1/2"	Z0805	19	127	230
4	1/2"	Z0810	19	254	420

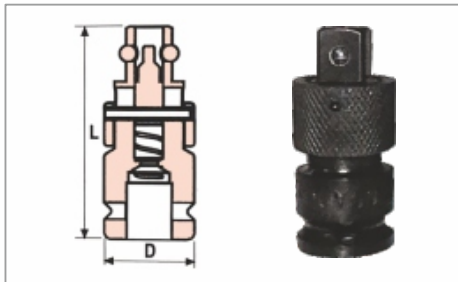


TWO SIDE MALE ADAPTERS

QUICK CHANGE ADAPTER



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1/2"	QCAD08	25	60	120

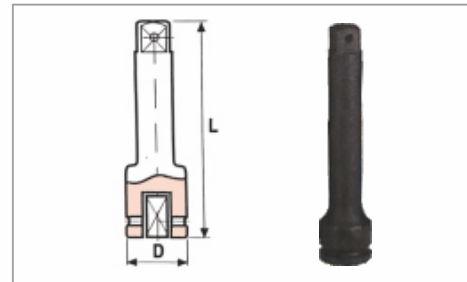


QUICK CHANGE ADAPTER

EXTENSIONS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1/2"	E0803	30	75	170
2	1/2"	E0805	30	125	240
3	1/2"	E0810	30	250	470

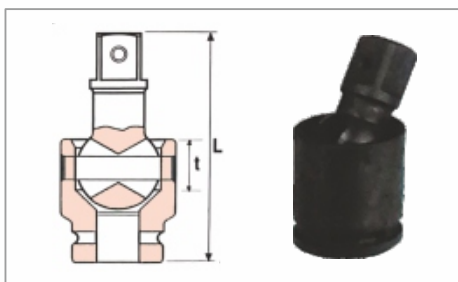


EXTENSIONS

UNIVERSAL JOINT



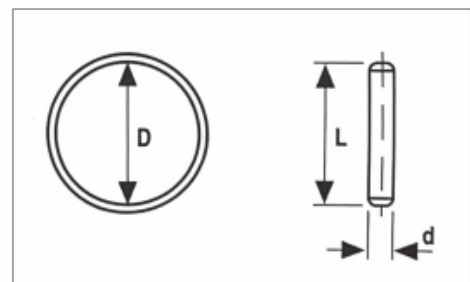
S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1/2"	U0808	32	52	180



UNIVERSAL JOINT

RETAINING PINS & RING

S.No.	For Socket		Catalogue No.		Pin		Ring
	Square Size	Dia. of Square End	Retaining G Pin	Retaining Ring	d mm	L mm	D mm
1	1/2"	25	P0825	R0825	3	20	19
2	1/2"	30	P0830	R0830	3	25	24
3	1/2"	35	P0835	R0835	3	30	30



RETAINING PINS & RING

6 POINT IMPACT SOCKETS REGULAR LENGTH

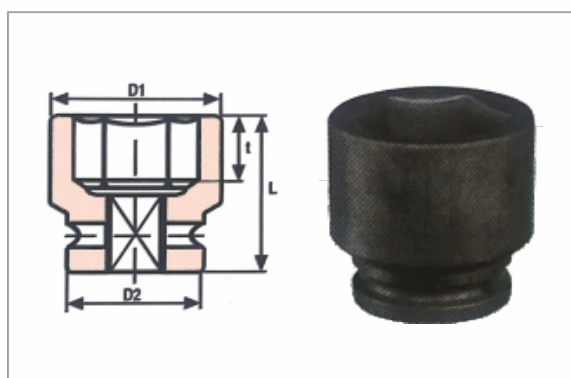


S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1/2"	1008	23	35	35	6.0	150
2	13		10M13	23	35	35	6.0	150
3	14		10M14	24	35	35	7.0	150
4		9/16"	1009	24	35	35	7.0	150
5	15		10M15	26	35	35	7.0	150
6		5/8"	1010	26	35	35	8.0	150
7	16		10M16	26	35	35	8.0	150
8	17		10M17	28	35	38	9.0	180
9		11/16"	1011	29	35	38	9.0	180
10	18		10M18	30	35	38	9.0	180
11	19	3/4"	1012M19	31	35	38	9.5	180
12	20		10M20	32	35	38	10.0	180
13		13/16"	1013	33	35	38	11.0	180
14	21		10M21	33	35	38	11.0	180
15	22		10M22	35	35	40	11.0	190
16		7/8"	1014	35	35	40	13.0	190
17	23		10M23	35	35	40	1.0	190
18		15/16"	1015	35	35	40	13.0	190
19	24		10M24	35	35	40	13.0	190
20	25		10M25	38	35	41	13.0	200
21		1"	1016	38	35	41	13.0	200
22	26		10M26	38	35	41	13.0	200
23	27	1 1/16"	1017M27	41	35	42	13.0	220
24	28		10M28	41	35	42	14.0	220
25		1 1/8"	1018	41	35	45	16.5	220
26	29		10M29	41	35	45	16.5	220
27	30	1 3/16"	1019M30	44	35	45	16.5	240
28	31		10M31	44	35	46	16.5	240
29		1 1/4"	1020	44	35	46	17.0	240
30	32		10M32	44	35	47	17.0	240
31	33		10M33	44	35	47	17.0	240
32		15/16"	1021	49	35	49	19.0	320
33	34		10M34	49	35	50	19.0	320
34	35	1 3/8"	1022M35	49	35	51	19.0	320
35	36		10M36	52	35	51	19.0	400
36		1 7/16"	1023	52	44	51	19.0	400
37	37		10M37	54	44	51	19.0	420
38	38	1 1/2"	1024M38	54	44	51	22.0	420

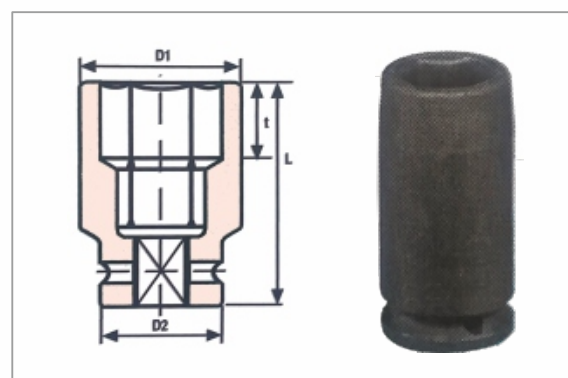
6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1/2"	1008L	23	35	88	6.0	460
2	13		10M13L	23	35	88	6.0	460
3	14		10M14L	24	35	88	7.0	460
4		9/16"	1009L	24	35	88	7.0	460
5	15		10M15L	26	35	88	7.0	460
6		5/8"	1010E	26	35	88	8.0	460
7	16		10M16L	26	35	88	8.0	460
8	17		10M17L	28	35	88	9.0	460
9		11/16"	1011E	29	35	88	9.0	460
10	18		10M18L	30	35	88	9.0	460
11	19	3/4"	1012M19L	31	35	88	9.5	460
12	20		10M20L	32	35	88	10.0	460
13			1013L	33	35	88	11.0	460
14	21	13/16"	10M21L	33	35	88	11.0	460
15	22		10M22L	35	35	88	11.0	460
16		7/8"	1014L	35	35	88	13.0	460
17	23		10M23L	35	35	88	13.0	460
18		15/16"	1015L	35	35	88	13.0	460
19	24		10M24L	35	35	88	13.0	460
20	25		10M25L	38	35	88	13.0	500
21		1"	1016L	38	35	88	13.0	500
22	26		10M26L	38	35	88	13.0	500
23	27	1 1/16"	1017M27L	41	35	88	13.0	540
24	28		10M28L	41	35	88	14.0	540
25		1 1/8"	1018L	41	35	88	16.5	540
26	29		10M29L	41	35	88	16.5	540
27	30	1 3/16"	1019M30L	44	35	88	16.5	590
28	31		10M31L	44	35	88	16.5	590
29		1 1/4"	1020L	44	35	88	17.0	590
30	32		10M32L	44	35	88	17.0	590
31	33		10M33L	44	35	88	17.0	590
32		1 5/16"	1021L	49	35	88	19.0	700
33	34		10M34L	49	35	88	19.0	700
34	35	1 3/8"	1022M35L	49	35	88	19.0	700
35	36		10M36L	52	35	88	19.0	750
36		1 7/16"	1023L	52	44	88	19.0	750
37	37		10M37L	54	44	88	19.0	850
38	38	1 1/2"	1024M38L	54	44	88	22.0	850



6 POINT IMPACT SOCKETS REGULAR LENGTH

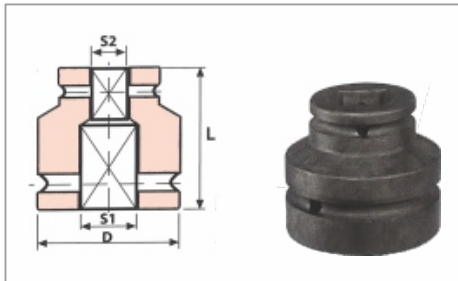


6 POINT IMPACT SOCKETS LONG

TWO SIDE FEMALE ADAPTERS



S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	5/8"	1/2"	AN1008	35	41	170
2	5/8"	5/8"	AN1010	35	35	150
3	3/4"	5/8"	AN1210	44	50	370

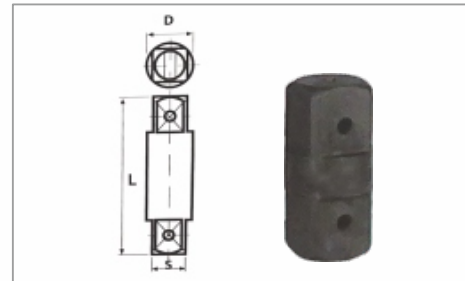


TWO SIDE FEMALE ADAPTERS

TWO SIDE MALE ADAPTERS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	5/8"	Z1002	21.1	50	160
2	5/8"	Z1003	21.1	76	280
3	5/8"	Z1006	21.1	152	330
4	5/8"	Z1012	21.1	305	660

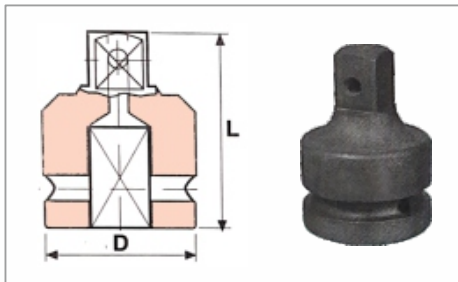


TWO SIDE MALE ADAPTERS

ADAPTERS



S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	5/8"	1/2"	A1008	35	48	140
2	5/8"	3/4"	A1012	35	45	220

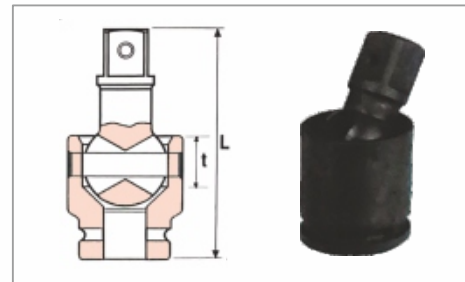


ADAPTERS

UNIVERSAL JOINT



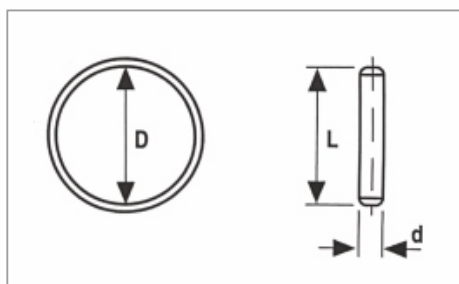
S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	5/8"	U1010	44	60	300



UNIVERSAL JOINT

RETAINING PINS & RING

S.No.	For Socket		Catalogue No.		Pin		Ring
	Square Size	Dia. of Square End	Retaining G Pin	Retaining Ring	d mm	L mm	D mm
1	5/8"	35	P1035	R1035	3	30	28
2	5/8"	44	P1044	R1044	3	39	37

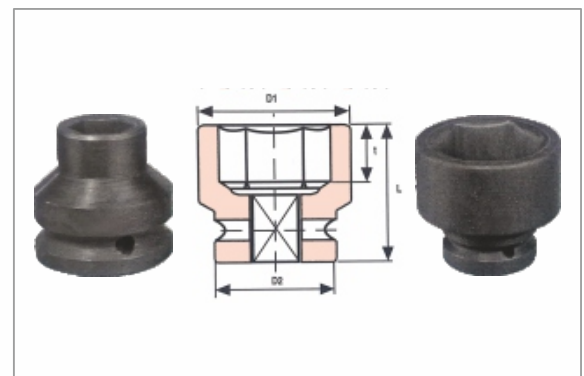


RETAINING PINS & RING

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1/2"	1208	24	44	45	6.0	290
2	13		12M13	25	44	45	6.0	290
3	14		12M14	25	44	45	7.0	290
4		9/16"	1209	25	44	45	7.0	290
5	15		12M15	29	44	45	7.0	290
6		5/8"	1210	29	44	45	8.0	290
7	16		12M16	29	44	45	8.0	290
8	17		12M17	29	44	45	9.0	290
9		11/16"	1211	29	44	45	9.0	290
10	18		12M18	32	44	45	9.0	290
11	19	3/4"	1212M19	32	44	45	9.5	290
12	20		M20	35	44	46	10.0	340
13		13/16"	1213	35	44	46	11.0	340
14	21		12M21	35	44	46	11.0	340
15	22		12M22	38	44	46	11.0	340
16		7/8"	1214	38	44	46	13.0	340
17	23		12M23	38	44	46	13.0	340
18		15/16"	1215	40	44	46	13.0	340
19	24		12M24	40	44	46	13.0	340
20	25		12M25	41	44	46	13.0	340
21		1"	1216	41	44	46	13.0	340
22	26		12M26	41	44	46	13.0	340
23	27	11/16"	1217M27	41	44	48	13.0	380
24	28		12M28	44	44	48	14.0	380
25		1 1/8"	1218	44	44	52	16.5	380
26	29		12M29	44	44	52	16.5	380
27	30	1 3/16"	1219M30	44	44	52	16.5	380
28	31		12M31	49	44	52	17.0	420
29		1 1/4"	1220	49	44	52	17.0	420
30	32		12M32	49	44	52	17.0	420
31	33		12M33	49	44	55	17.0	430
32		1 5/16"	1221	49	44	55	19.0	430
33	34		12M34	52	44	55	19.0	460
34	35	1 3/8"	1222M35	52	44	55	19.0	460
35	36		12M36	52	44	56	19.0	460
36		1 7/16"	1223	52	44	56	19.0	460
37	37		12M37	54	44	56	19.0	490
38	38	1 1/2"	1224M38	54	44	59	22.0	490
39	39		12M39	57	44	59	22.0	520
40		1 9/16"	1225	57	44	59	22.0	520
41	40		12M40	57	44	59	22.0	520
42	41		12M 41	57	44	59	22.0	520
43		1 5/8"	1226	57	44	59	22.0	520
44	42		12M42	60	44	59	22.0	550
45	43	1 11/16"	1227M43	63	44	64	25.0	600
46	44		12M44	63	44	64	25.0	600
47		1 3/4"	1228	63	44	64	25.5	600
48	45		12M45	63	44	64	25.5	600
49	46		12M46	67	44	64	25.5	850
50		113/16"	1229	67	44	64	25.5	850
51	47		12M47	67	54	64	25.5	850
52		1 7/8"	1230	67	54	67	27.0	910
53	48		12M48	67	54	67	27.0	910
54	49	1 15/16"	1231 M49	70	54	67	27.0	950
55	50		12M50	70	54	67	27.0	950
56	51	2"	1232M51	73	54	67	27.0	1040
57	52		12M52	73	54	70	27.0	1040
58		2 1/16"	1233	73	54	71	30.0	1040
59	54	2 1/8"	1234M54	73	54	71	30.0	1040
60	55		12M55	78	54	71	30.0	1200
61		2 3/16"	1235	78	54	74	32.0	1200
62	56		12M56	78	54	74	32.0	1200
63	57	2 1/4"	1236M57	82	54	75	33.0	1320
64	58		12M58	82	54	75	33.0	1320
65	59	2 5/16"	1237M59	82	54	75	33.0	1320
66	60		12M60	82	54	75	33.0	1320
67		2 3/8"	1238	82	54	75	35.0	1320
68	61		12M61	86	54	75	35.0	1430

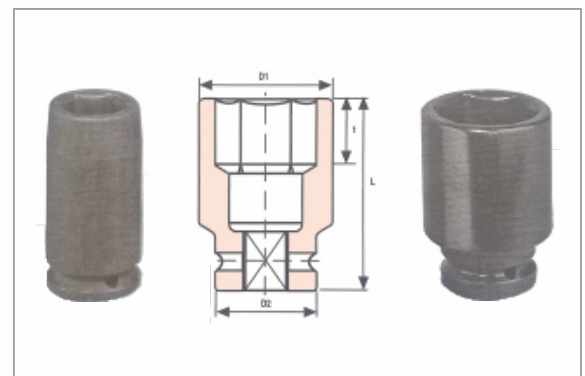


6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1/2"	1208L	24	44	90	6.0	750
2	13		12M13L	25	44	90	6.0	750
3	14		12M14L	25	44	90	7.0	750
4		9/16"	1209L	25	44	90	7.0	750
5	15		12M15L	28	44	90	7.0	750
6		5/8"	1210L	28	44	90	8.0	750
7	16		12M16L	29	44	90	8.0	750
8	17		12M17L	29	44	90	9.0	750
9		11/16"	1211L	29	44	90	9.0	750
10	18		12M18L	32	44	90	9.0	750
11	19	3/4"	1212M19L	32	44	90	9.5	750
12	20		12M20L	35	44	90	10.0	750
13		13/16"	1213L	35	44	90	11.0	750
14	21		12M21L	35	44	90	11.0	750
15	22		12M22L	38	44	90	11.0	750
16		7/8"	1214L	38	44	90	13.0	750
17	23		12M23L	38	44	90	13.0	750
18		15/16"	1215L	40	44	90	13.0	750
19	24		12M24L	40	44	90	13.0	750
20	25		12M25L	41	44	90	13.0	750
21		1"	1216L	41	44	90	13.0	750
22	26		12M26L	41	44	90	13.0	750
23	27	1 1/16"	1217M27L	41	44	90	13.0	750
24	28		12M28L	44	44	90	14.0	690
25		1 1/8"	1218L	44	44	90	16.5	690
26	29		12M29L	44	44	90	16.5	690
27	30	1 3/16"	1219M30L	44	44	90	16.5	690
28	31		12M31L	49	44	90	16.5	780
29		1 1/4"	1220L	49	44	90	17.0	780
30	32		12M32L	49	44	90	17.0	780
31	33		12M33L	49	44	90	17.0	780
32		1 5/16"	1221L	49	44	90	19.0	780
33	34		12M34L	52	44	90	19.0	800
34	35	1 3/8"	1222M35L	52	44	90	19.0	800
35	36		12M36L	52	44	90	19.0	800
36		1 7/16"	1223L	52	44	90	19.0	800
37	37		12M37L	54	44	90	19.0	850
38	38	1 1/2"	1224M38L	54	44	90	22.0	850
39	39		12M39L	57	44	90	22.0	920
40		1 9/16"	1225L	57	44	90	22.0	920
41	40		12M40L	57	44	90	22.0	920
42	41		12M41L	57	44	90	22.0	920
43		1 5/8"	1226 L	57	44	90	22.0	920
44	42		12M42L	60	44	90	22.0	980
45	43	1 11/16"	1227M43L	63	44	90	25.0	1020
46	44		12M44L	63	44	90	25.0	1020
47		1 3/4"	1228L	63	44	90	25.5	1020
48	45		12M45L	63	44	90	25.5	1020
49	46		12M46L	67	44	90	25.5	1350
50		1 13/16"	1229 L	67	44	90	25.5	1350
51	47		12M47L	67	54	90	25.5	1350
52		1 7/8"	1230L	67	54	90	27.0	1350
53	48		12M48L	67	54	90	27.0	1350
54	49	1 15/16"	1231M49L	70	54	90	27.0	1400
55	50		12M50L	70	54	90	27.0	1400
56	51	2"	1232M51L	73	54	90	27.0	1500
57	52		12M52L	73	54	94	27.0	1500
58		2 1/16"	1233L	73	54	94	30.0	1500
59	54	2 1/8"	1234M54L	73	54	94	30.0	1500
60	55		12M55L	78	54	94	30.0	1800
61		2 3/16"	1235L	78	54	94	32.0	1800
62	56		12M56L	78	54	98	32.0	1800
63	57	2 1/4"	1236M57L	82	54	98	33.0	1900
64	58		12M58L	82	54	98	33.0	1900
65	59	2 5/16"	1237M59L	82	54	98	33.0	1900
66	60		12M60L	82	54	98	33.0	1900
67		2 3/8"	1238L	82	54	98	35.0	1900
68	61		12M61L	86	54	98	35.0	2200



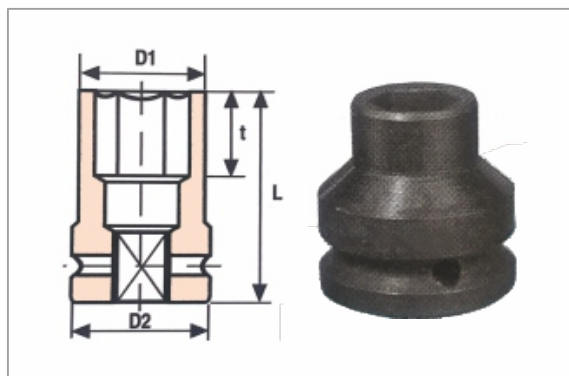
6 POINT IMPACT SOCKETS LONG

6 POINT THIN WALL IMPACT SOCKETS REGULAR LENGTH

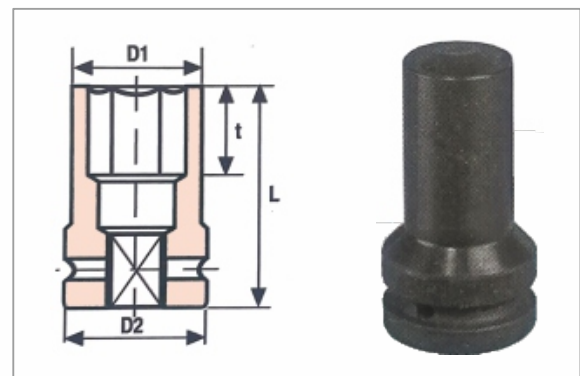
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	17		12M17T	28	44	45	9.0	300
2		11/16"	1211T	28	44	45	9.0	300
3	18		12M18T	30	44	45	9.0	300
4	19	3/4"	1212M19T	30	44	45	9.5	300
5	20		12M20T	30	44	46	10.0	350
6		13/16"	1213T	34	44	46	11.0	350
7	21		12M21T	34	44	46	11.0	350
8	22		12M22T	35	44	46	11.0	350
9		7/8"	1214T	35	44	46	13.0	350
10	23		12M23T	35	44	46	13.0	350
11		15/16"	1215T	35	44	46	13.0	350
12	24		12M24T	38	44	46	13.0	350
13	25		12M25T	38	44	46	13.0	350
14		1"	1216T	38	44	46	13.0	350
15	26		12M26T	40	44	46	13.0	350
16	27	1 1/16"	1217M27T	40	44	48	13.0	350
17	28		12M28T	41	44	48	14.0	350
18		1 1/8"	1218T	41	44	52	16.5	350
19	29		12M29T	41	44	52	16.5	350
20	30	1 3/16"	1219M30T	41	44	52	16.5	350
21	31		12M31T	44	44	52	17.0	350
22		1 1/4"	1220T	44	44	52	17.0	350
23	32		12M32T	48	44	52	17.0	420
24	33		12M33T	48	44	55	17.0	420
25		1 5/16"	1221T	48	44	55	19.0	420
26	34		12M34T	49	44	55	19.0	420
27	35	1 3/8"	1222M35T	50	44	55	19.0	420
28	36		12M36T	51	44	56	19.0	450
29		1 7/16"	1223T	51	44	56	19.0	450
30	37		12M37T	52	44	56	19.0	450
31	38	1 1/2"	1224M38T	52	44	59	22.0	450
32	39		12M39T	54	44	59	22.0	450
33		1 9/16"	1225T	54	44	59	22.0	450
34	40		12M40T	54	44	59	22.0	450
35	41		12M41T	54	44	59	22.0	450
36		1 5/8"	1226T	54	44	59	22.0	450
37	42		12M42T	57	44	59	22.0	450
38	43	1 11/16"	1227M43T	60	44	64	25.0	650
39	44		12M44T	60	44	64	25.0	650
40		1 3/4"	1228T	60	44	64	25.5	650
41	45		12M45T	60	44	64	25.5	650
42	46		12M46T	63	44	64	25.5	700
43		1 13/16"	1229T	63	44	64	25.5	700

6 POINT THIN WALL IMPACT SOCKETS LONG

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	17		12M17LT	28	44	90	9.0	700
2		11/16"	1211LT	28	44	90	9.0	700
3	18		12M18LT	30	44	90	9.0	700
4	19	3/4"	1212M19LT	30	44	90	9.5	700
5	20		12M20LT	30	44	90	10.0	700
6		13/16"	1213LT	34	44	90	11.0	700
7	21		12M21LT	34	44	90	11.0	700
8	22		12M22LT	35	44	90	11.0	700
9		7/8"	1214LT	35	44	90	13.0	700
10	23		12M23LT	35	44	90	13.0	700
11		15/16"	1215LT	35	44	90	13.0	700
12	24		12M24LT	38	44	90	13.0	700
13	25		12M25LT	38	44	90	13.0	700
14		1"	1216LT	38	44	90	13.0	700
15	26		12M26LT	40	44	90	13.0	700
16	27	1 1/16"	1217M27LT	40	44	90	13.0	700
17	28		12M28LT	41	44	90	14.0	700
18		1 1/8"	1218LT	41	44	90	16.5	700
19	29		12M29LT	41	44	90	16.5	700
20	30	1 3/16"	1219M30LT	41	44	90	16.5	700
21	31		12M31LT	44	44	90	17.0	700
22		1 1/4"	1220LT	44	44	90	17.0	700
23	32		12M32LT	48	44	90	17.0	750
24	33		12M33LT	48	44	90	17.0	750
25		1 5/16"	1221 LT	48	44	90	19.0	750
26	34		12M34LT	49	44	90	19.0	750
27	35	1 3/8"	1222M35LT	50	44	90	19.0	750
28	36		12M36LT	51	44	90	19.0	880
29		1 7/16"	1223LT	51	44	90	19.0	880
30	37		12M37LT	52	44	90	19.0	880
31	38	1 1/2"	1224M38LT	52	44	90	22.0	880
32	39		12M39LT	54	44	90	22.0	800
33		1 9/16"	1225LT	54	44	90	22.0	800
34	40		12M40LT	54	44	90	22.0	800
35	41		12 M41 LT	54	44	90	22.0	800
36		1 5/8"	1226LT	54	44	90	22.0	800
37	42		12M42LT	57	44	90	22.0	800
38	43	1 11/16"	1227M43LT	60	44	90	25.0	850
39	44		12M44LT	60	44	90	25.0	850
40		1 3/4"	1228LT	60	44	90	25.5	850
41	45		12M45LT	60	44	90	25.5	850
42	46		12M46LT	63	44	90	25.5	1000
43		1 13/16"	1229LT	63	44	90	25.5	1000



6 POINT THIN WALL IMPACT SOCKETS REGULAR LENGTH



6 POINT THIN WALL IMPACT SOCKETS LONG

8 POINT IMPACT SOCKETS REGULAR LENGTH

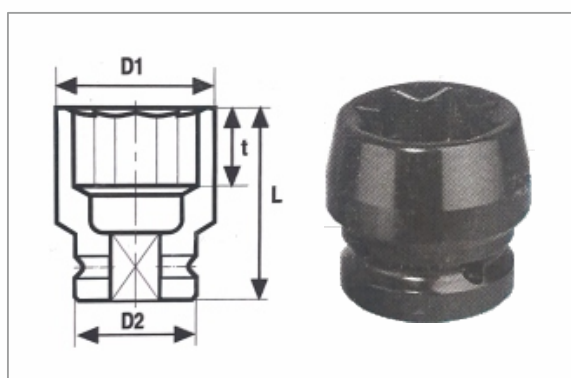


S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1 1/4"	1220DS	60	44	53	17.0	550
2		1 5/16"	1221DS	63	44	53	19.0	640
3	35	1 3/8"	1222M35DS	67	44	53	19.0	620
4		1 7/16"	1223DS	67	44	57	19.0	720
5	38	1 1/2"	1224M38DS	67	44	57	22.0	680
6		1 9/16"	1225DS	78	54	57	22.0	930
7	41		12M41DS	78	54	5	22.0	1000
8		1 5/8"	1226DS	78	54	77	22.0	1000
9	43	1 11/16"	1227M43DS	82	54	62	25.0	1200
10		1 3/4"	1228DS	82	54	63	25.5	1150
11	46		12M46DS	82	54	63	25.5	1180
12		1 13/16"	1229DS	82	54	63	25.5	1180
13		1 7/8"	1230DS	82	54	65	27.0	1220

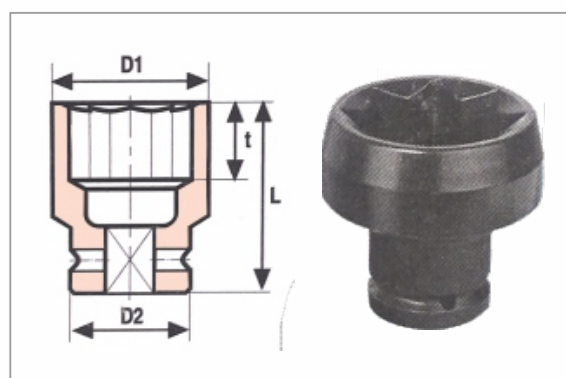
8 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1 1/4"	12201DS	60	44	81	17.0	770
2		1 5/16"	1221LDS	63	44	81	19.0	770
3	35	1 3/8"	1222M35LDS	67	44	81	19.0	820
4		1 7/16"	1223LDS	67	44	81	19.0	800
5	38	1 1/2"	1224M38LDS	67	44	81	22.0	750
6		1 9/16"	1225LDS	78	54	81	22.0	1200
7	41	1 5/8"	1226M41LDS	78	54	81	22.0	1200
8	43	1 11/16"	1227M43LDS	82	54	81	25.0	1300
9		1 3/4"	1228LDS	82	54	81	25.5	1300
10	46	1 13/16"	1229M46LDS	82	54	81	25.5	1300
11		1 7/8"	12301DS	82	54	81	27.0	1300



8 POINT IMPACT SOCKETS REGULAR LENGTH

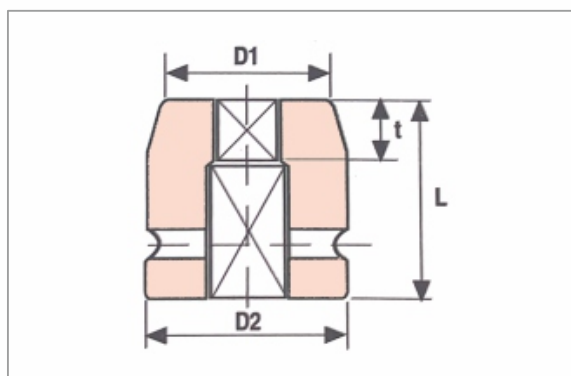


8 POINT IMPACT SOCKETS LONG

BUD WHEELS IMPACT SOCKETS



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		13/16"	1213B	42	44	46	12	390
2		13/16"	1213BL	42	44	90	12	800
3	38	13/16" +1 1/2"	1224BS	54	44	90	14.5	1000

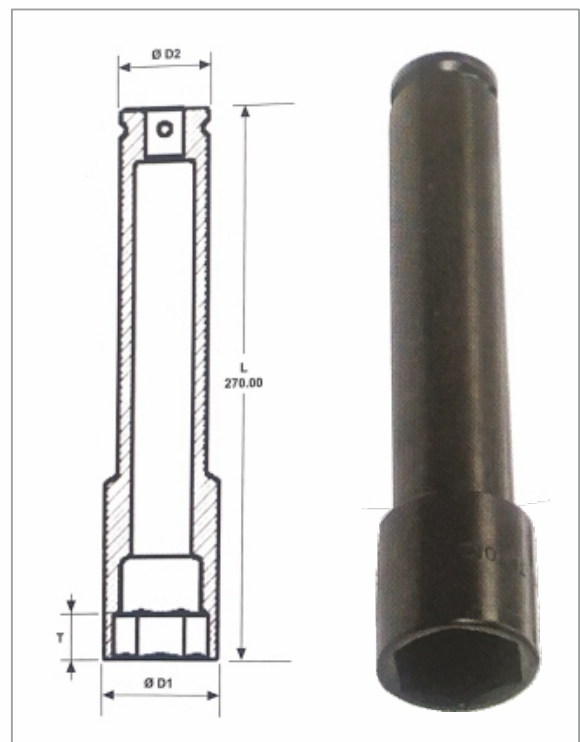


BUD WHEELS IMPACT SOCKETS

EXTRA LONG 270mm 6 POINT IMPACT SOCKETS



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	24		12M24L270	40	44	270	13.0	
2	25		12M25L270	41	44	270	13.0	
3		1"	1216L270	41	44	270	13.0	
4	26		12M26L270	41	44	270	13.0	
5	27	1 1/16"	1217M27L270	41	44	270	13.0	
6	28		12M28L270	44	44	270	14.0	
7		1 1/8"	1218L270	44	44	270	16.5	
8	29		12M29L270	44	44	270	16.5	
9	30	1 3/16"	1219M30L270	44	44	270	16.5	
10	31		12M31L270	49	44	270	16.5	
11		1 1/4"	1220L270	49	44	270	17.0	
12	32		12M32L270	49	44	270	17.0	
13	33		12M33L270	49	44	270	17.0	
14		1 5/16"	1221L270	49	44	270	19.0	
15	34		12M34L270	52	44	270	19.0	
16	35	1 3/8"	1222M35L270	52	44	270	19.0	
17	36		12M36L270	52	44	270	19.0	
18		1 7/16"	1223L270	52	44	270	19.0	
19	37		12M37L270	54	44	270	19.0	
21	38	1 1/2"	1224M38L270	54	44	270	22.0	
22	39		12M39L270	57	44	270	22.0	
23		1 9/16"	1225L270	57	44	270	22.0	
24	40		12M40L270	57	44	270	22.0	
25	41		12M41L270	57	44	270	22.0	
26		1 5/8"	1226L270	57	44	270	22.0	
27	42		12M42L270	60	44	270	22.0	
28	43	1 11/16"	1227M43L270	63	44	270	25.0	
29	44		12M44L270	63	44	270	25.0	
30		1 3/4"	1228L270	63	44	270	25.5	
31	45		12M45L270	63	44	270	25.5	
32	46		12M46L270	67	44	270	25.5	
33		1 13/16"	1229L270	67	44	270	25.5	
34	47		12M47L270	67	54	270	25.5	
35		1 7/8"	1230L270	67	54	270	27.0	
36	48		12M48L270	67	54	270	27.0	
37	49	1 15/16"	1231M49L270	70	54	270	27.0	
38	50		12M50L270	70	54	270	27.0	
39	51	2"	1232M51L270	73	54	270	27.0	
40	52		12M52L270	73	54	270	27.0	
41		2 1/16"	1233L270	73	54	270	30.0	
42	54	2 1/8"	1234M54L270	73	54	270	30.0	
43	55		12M55L270	78	54	270	30.0	
44		2 3/16"	1235L270	78	54	270	32.0	
45	56		12M56L270	78	54	270	32.0	
46	57	2 1/4"	1236M57L270	82	54	270	33.0	
47	58		12M58L270	82	54	270	33.0	
48	59	2 5/16"	1237M59L270	82	54	270	33.0	
49	60		12M60L270	82	54	270	33.0	
50		2 3/8"	1238L270270	82	54	270	35.0	
51	61		12M61L270	82	54	270	35.0	
52	62	2 7/16"	1239M62L270	86	54	270	35.0	
53		2 1/2"	1240L270	86	54	270	35.0	
54	65	2 9/16"	1241M65L270	86	54	270	35.0	
55	67	2 5/8"	1242M67L270	86	54	270	38.0	
56		2 11/16"	1243L270	90	54	270	38.0	
57	70	2 3/4"	1244M70L270	90	54	270	38.0	
58		2 13/16"	1245L270	94	54	270	40.0	

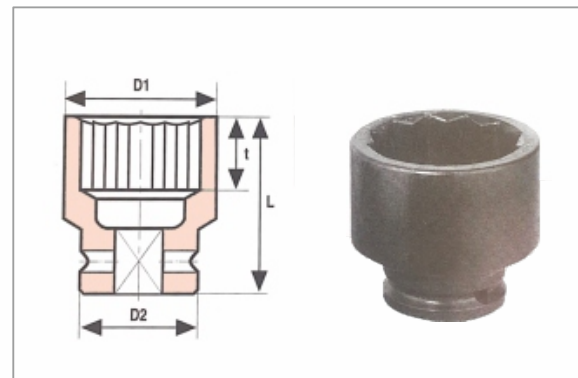


EXTRA LONG 270mm 6 POINT IMPACT SOCKETS

12 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	19	3/4"	1212M19DH	32	44	45	9.5	290
2	20		12M20DH	35	44	46	10.0	340
3		13/16"	1213DH	35	44	46	11.0	340
4			12M21DH	35	44	46	11.0	340
5	21		12M22DH	38	44	46	11.0	340
6	22	7/8"	1214DH	38	44	46	13.0	340
7	23		12M23DH	38	44	46	13.0	340
8		15/16"	1215DH	40	44	46	13.0	340
9	24		12M24DH	40	44	46	13.0	340
10	25		12M25DH	41	44	46	13.0	340
11		1"	1216DH	41	44	46	13.0	340
12	26		12M26DH	41	44	46	13.0	340
13	27	1 1/16"	1217M27DH	41	44	48	13.0	380
14	28		12M28DH	44	44	48	14.0	380
15		1 1/8"	1218DH	44	44	52	16.5	380
16	29		12M29DH	44	44	52	16.5	380
17	30	13/16"	1219M30DH	44	44	52	16.5	380
18	31		12M31DH	49	44	52	17.0	420
19		1 1/4"	1220DH	49	44	52	17.0	420
20	32		12M32DH	49	44	52	17.0	420
21	33		12M33DH	49	44	55	17.0	430
22		1 5/16"	1221DH	49	44	55	19.0	430
23	34		12M34DH	52	44	55	19.0	460
24	35	1 3/8"	1222M35DH	52	44	55	19.0	460
25	36		12M36DH	52	44	56	19.0	460
26		1 7/16"	1223DH	52	44	56	19.0	460
27	37		12M37DH	54	44	56	19.0	490
28	38	1 1/2"	1224M38DH	54	44	59	22.0	490
29	39		12M39DH	57	44	59	22.0	520
30		1 9/16"	1225DH	57	44	59	22.0	520
31	40		12M40DH	57	44	59	22.0	520
32	41		12M41DH	57	44	59	22.0	520
33		1 5/8"	1226DH	57	44	59	22.0	520
34	42		12M42DH	60	44	59	22.0	550
35	43	1 11/16"	1227M43DH	63	44	64	25.0	600
36	44		12M44DH	63	44	64	25.0	600
37		1 3/4"	1228DH	63	44	64	25.5	600
38	45		12M45DH	63	44	64	25.5	600
39	46		12M46DH	67	44	64	25.5	850
40		1 13/16"	1229DH	67	44	64	25.5	850
41	47		12M47DH	67	54	64	25.5	850
42		1 7/8"	1230DH	67	54	67	27.0	910
43	48		12M48DH	67	54	67	27.0	910
44	49	1 15/16"	1231M49DH	70	54	67	27.0	950
45	50		12M50DH	70	54	67	27.0	950
46	51	2"	1232M51DH	73	54	67	27.0	1040
47	52		12M52DH	73	54	70	27.0	1040
48		2 1/16"	1233DH	73	54	71	30.0	1040
49	54	2 1/8"	1234M54DH	73	54	71	30.0	1040
50	55		12M55DH	78	54	71	30.0	1200
51		2 3/16"	1235DH	78	54	74	32.0	1200
52	56		12M56DH	78	54	74	32.0	1200
53	57	2 1/4"	1236M57DH	82	54	75	33.0	1320
54	58		12M58DH	82	54	75	33.0	1320
55	59	2 5/16"	1237M59DH	82	54	75	33.0	1320
56	60		12M60DH	82	54	75	33.0	1320
57		2 3/8"	1238DH	82	54	75	35.0	1320
58	61		12M61DH	86	54	75	35.0	1430

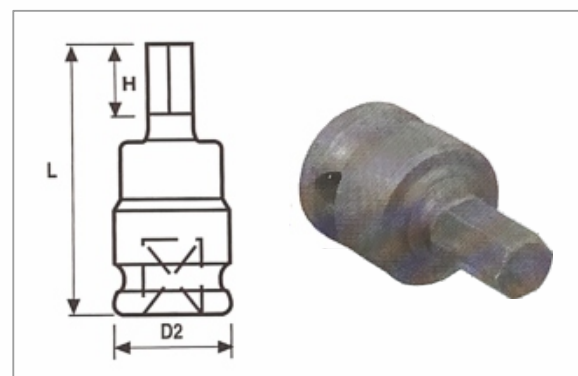


12 POINT IMPACT SOCKETS REGULAR LENGTH

ONE PART INHEX DRIVER



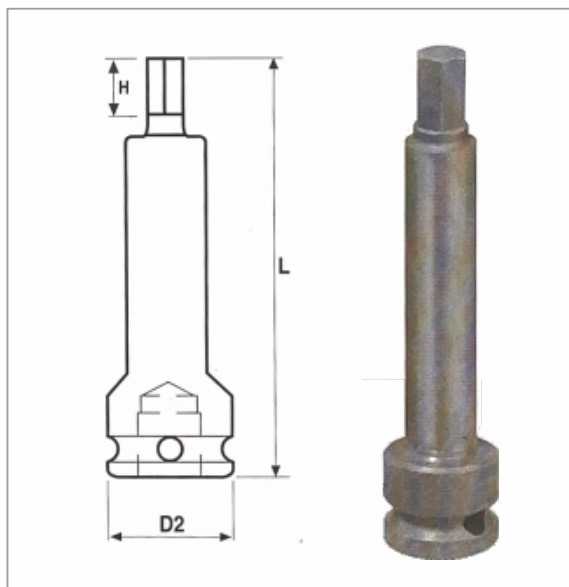
S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1		3/8"	1206H	38	59	10	265
2		7/16"	1207H	38	59	11	270
3		1/2"	1208H	38	59	13	270
4		9/16"	1209H	38	62	14	280
5		5/8"	1210H	38	62	16	280
6		3/4"	1212H	44	64	19	450
7		13/16"	1213H	44	67	21	460
8		7/8"	1214H	44	67	22	470
9		1"	1216H	44	67	25	510
10	10		12M10H	38	59	10	260
11	11		12M11H	38	59	11	280
12	12		12M12H	38	59	12	280
13	13		12M13H	38	59	13	280
14	14		12M14H	38	59	14	280
15	15		12M15H	38	59	15	280
16	16		12M16H	38	59	16	280
17	17		12M17H	38	62	17	280
18	18		12M18H	38	62	18	450
19	19		12M19H	44	64	19	450
20	20		12M20H	44	65	20	460
21	21		12M21H	44	65	21	460
22	22		12M22H	44	66	22	460
23	23		12M23H	44	67	23	500
24	24		12M24H	44	67	24	500



ONE PART INHEX DRIVER

INHEX DRIVER - 100 mm LONG

S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1	10		12M10HL4	38	100	10	350
2	12		12M12HL4	38	100	12	350
3	14		12M14HL4	38	100	14	350
4	17		12M17HL4	38	100	17	350
5	19		12M19HL4	44	100	19	550
6	22		12M22HL4	44	100	22	550
7	24		12M24HL4	44	100	24	550
8		3/8"	1206HL4	38	100	10	350
9		7/16"	1207HL4	38	100	11	350
10		1/2"	1208HL4	38	100	13	350
11		9/16"	1209HL4	38	100	14	350
12		5/8"	1210HL4	38	100	16	350
13		3/4"	1212HL4	44	100	19	550
14		13/16"	1213HL4	44	100	21	550
15		7/8"	1214HL4	44	100	22	550
16		1"	1216HL4	44	100	25	550



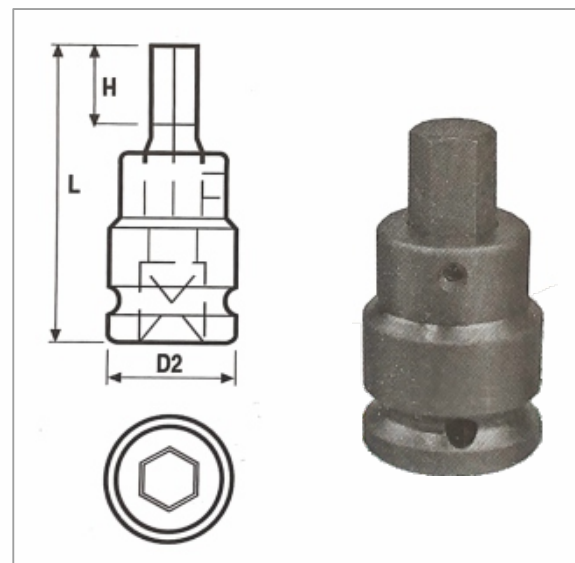
INHEX DRIVER - 100 mm LONG

ONE PART INHEX DRIVER - 150 mm

S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1	10		12M10HL6	38	150	10	390
2	12		12M12HL6	38	150	12	390
3	14		12M14HL6	38	150	14	390
4	17		12M17HL6	38	150	17	390
5	19		12M19HL6	44	150	19	600
6	22		12M22HL6	44	150	22	600
7	24		12M24HL6	44	150	24	600
8		3/8"	1206HL6	38	150	10	390
9		7/16"	1207HL6	38	150	11	390
10		1/2"	1208HL6	38	150	13	390
11		9/16"	1209HL6	38	150	14	390
12		5/8"	1210HL6	38	150	16	390
13		3/4"	1212HL6	44	150	19	600
14		13/16"	1213HL6	44	150	21	600
15		7/8"	1214HL6	44	150	22	600
16		1"	1216HL6	44	150	25	600

TWO PART INHEX DRIVER

S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1		3/8"	1206V	38	72	16	310
2		7/16"	1207V	38	72	18	310
3		1/2"	1208V	38	72	19	310
4		9/16"	1209V	38	72	21	310
5		5/8"	1210V	38	74	24	310
6		3/4"	1212V	44	84	26	310
7		13/16"	1213V	44	84	26	630
8		7/8"	1214V	44	84	26	630
9		1"	1216V	44	91	30	630
10	10		12M10V	38	69	16	630
11	11		12M11V	38	69	18	310
12	12		12M12V	38	69	18	310
13	13		12M13V	38	69	21	310
14	14		12M14V	38	69	21	310
15	15		12M15V	38	69	26	310
16	16		12M16V	38	71	26	310
17	17		12M17V	38	84	26	310
18	18		12M18V	38	84	26	630
19	19		12M19V	38	84	26	630
20	20		12M20V	44	84	26	630
21	21		12M21V	44	84	26	630
22	22		12M22V	44	84	26	630
23	23		12M23V	44	91	26	630
24	24		12M24V	44	91	26	630

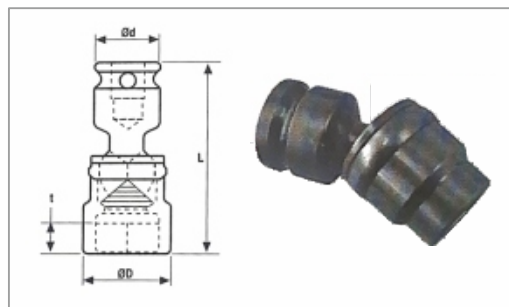


TWO PART INHEX DRIVER

UNIVERSAL SOCKETS

6 POINT UNIVERSAL SOCKETS REGULAR LENGTH

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		UB12M17	29.0	44	90	9.0	700
2	18		UB12M18	32.0	44	90	9.0	700
3	19		UB12M19	32.0	44	90	9.5	700
4	21		UB12M21	35.0	44	90	11.0	700
5	22		UB12M22	38.0	44	90	11.0	750
6	24		UB12M24	40.0	44	90	13.0	750
7	26		UB12M26	41.0	44	90	13.0	750
8	27		UB12M27	41.0	44	90	13.0	750
9	30		UB12M30	44.0	44	90	16.5	800
10	32		UB12M32	49.0	44	90	17.0	850
11	34		UB12M34	52.0	44	90	19.0	900
12	35		UB12M35	52.0	44	90	19.0	900
13	36		UB12M36	52.0	44	90	19.0	900
14	38		UB12M38	54.0	44	90	22.0	950
15	41		UB12M41	57.0	44	90	22.0	1100
16	46		UB12M46	67.0	44	90	25.5	1200
17		11/16"	UB1211	29.0	44	90	9.0	700
18		3/4"	UB1212	32.0	44	90	9.5	700
19		13/16"	UB1213	35.0	44	90	11.0	700
20		7/8"	UB1214	38.0	44	90	13.0	700
21		15/16"	UB1215	40.0	44	90	13.0	750
22		1"	UB1216	41.0	44	90	13.0	750
23		1 1/16"	UB1217	41.0	44	90	13.0	750
24		1 1/8"	UB1218	44.0	44	90	16.5	800
25		1 3/16"	UB1219	44.0	44	90	16.5	800
26		1 1/4"	UB1220	49.0	44	90	17.0	850
27		15/16"	UB1221	49.0	44	90	19.0	850
28		1 3/8"	UB1222	52.0	44	90	19.0	900
29		1 7/16"	UB1223	52.0	44	90	19.0	900
30		1 1/2"	UB1224	54.0	44	90	22.0	950
31		1 5/8"	UB1226	57.0	44	90	22.0	1100
32		1 13/16"	UB1229	67.0	44	90	25.5	1200



6 POINT UNIVERSAL SOCKETS REGULAR LENGTH

UNIVERSAL SOCKETS

6 POINT UNIVERSAL SOCKETS LONG

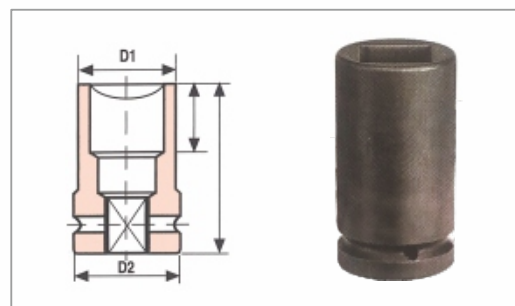
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		UB12M17L	29	44	150	9.0	1050
2	18		UB12M18L	32	44	150	9.0	1050
3	19		UB12M19L	32	44	150	9.5	1050
4	21		UB12M21L	35	44	150	11.0	1050
5	22		UB12M22L	38	44	150	11.0	1050
6	24		UB12M24L	40	44	150	13.0	1050
7	26		UB12M26L	41	44	150	13.0	1050
8	27		UB12M27L	41	44	150	13.0	1050
9	30		UB12M30L	44	44	150	16.5	1150
10	32		UB12M32L	49	44	150	17.0	1300
11	34		UB12M34L	52	44	150	19.0	1400
12	35		UB12M35L	52	44	150	19.0	1400
13	36		UB12M36L	52	44	150	19.0	1400
14	38		UB12M38L	54	44	150	22.0	1500
15	41		UB12M41L	57	44	150	22.0	1700
16	46		UB12M46L	67	44	150	25.5	1700
17		11/16"	UB1211L	29	44	150	9.0	1050
18		3/4"	UB1212L	32	44	150	9.5	1050
19		13/16"	UB1213L	35	44	150	11.0	1050
20		7/8"	UB1214L	38	44	150	13.0	1050
21		15/16"	UB1215L	40	44	150	13.0	1050
22		1"	UB1216L	41	44	150	13.0	1050
23		11/16"	UB1217L	41	44	150	13.0	1050
24		11/8"	UB1218L	44	44	150	16.5	1150
25		13/16"	UB1219L	44	44	150	16.5	1150
26		1 1/4"	UB1220L	49	44	150	17.0	1300
27		15/16"	UB1221L	49	44	150	19.0	1300
28		1 3/8"	UB1222L	52	44	150	19.0	1400
29		17/16"	UB1223L	52	44	150	19.0	1400
30		1 1/2"	UB1224L	54	44	150	22.0	1500
31		1 5/8"	UB1226L	57	44	150	22.0	1700
32		113/16"	UB1229L	67	44	150	25.5	1700



6 POINT UNIVERSAL SOCKETS LONG

4 POINT IMPACT SOCKETS

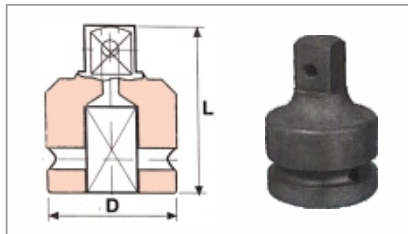
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		12M17B	40	44	45	9.0	290
2	18		12M18B	40	44	45	9.0	290
3	19		12M19B	40	44	45	9.5	290
4	20		12M20B	42	44	46	10.0	290
5	21		12M21B	42	44	46	11.0	290
6	22		12M22B	42	44	46	11.0	290
7	24		12M24B	44	44	46	13.0	290
8	27		12M27B	49	49	48	13.0	400
9		5/8"	12010B	40	44	45	8.0	290
10		1 1/16"	12011B	40	44	45	9.0	290
11		3/4"	12012B	40	44	45	9.5	290
12		13/16"	12013B	42	44	46	11.0	290
13		7/8"	12014B	42	44	46	13.0	290
14		15/16"	12015B	44	44	46	13.0	290
15		1"	12016B	44	44	46	13.0	290
16		1 1/16"	12017B	49	49	48	13.0	400



4 POINT IMPACT SOCKETS

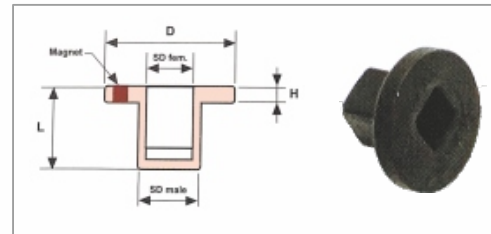
ADAPTERS

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	3/4"	1/2"	A1208	44	55	340
2	3/4"	5/8"	A1210	44	57	350
3	3/4"	1"	A1216	44	59	400



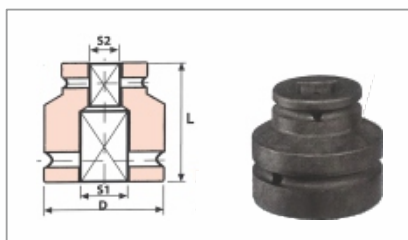
INSERT ADAPTERS

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	1/2"	3/4"	AS0812	44	29	108
2	3/4"	1"	AS1216	54	33	162



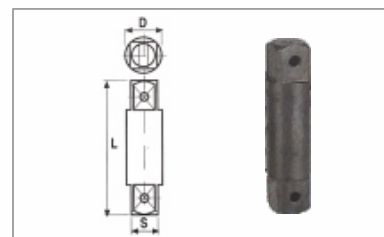
TWO SIDE FEMALE ADAPTERS

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	3/4"	1/2"	AN1208	44	49	320
2	3/4"	5/8"	AN1210	44	50	370
3	3/4"	3/4"	AN1212	44	49	390
4	1"	3/4"	AN1612	54	63	680



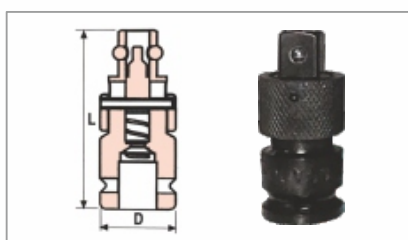
TWO SIDE MALE ADAPTERS

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	3/4"	3/4"	Z1202	25.4	51	140
2	3/4"	3/4"	Z1203	25.4	78	280
3	3/4"	3/4"	Z1204	25.4	101	360
4	3/4"	3/4"	Z1205	25.4	127	460
5	3/4"	3/4"	Z1207	25.4	177	640
6	3/4"	3/4"	Z1210	25.4	254	820
7	3/4"	3/4"	Z1213	25.4	330	1240
8	3/4"	3/4"	Z1215	25.4	381	1350
9	3/4"	3/4"	Z1216	25.4	406	1510



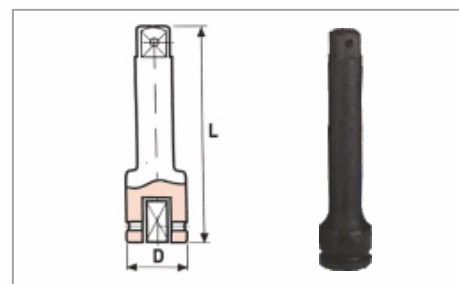
QUICK CHANGE ADAPTER

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	3/4"	3/4"	QCAD12	44	78	520



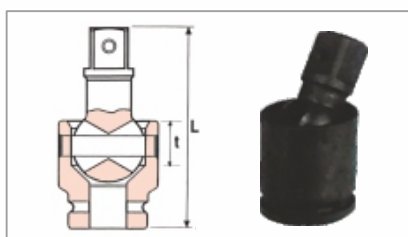
EXTENSIONS

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	3/4"	3/4"	E1203	44	75	470
2	3/4"	3/4"	E1204	44	100	550
3	3/4"	3/4"	E1205	44	125	690
4	3/4"	3/4"	E1207	44	175	900
5	3/4"	3/4"	E1210	44	250	1200
6	3/4"	3/4"	E1213	44	325	1460



UNIVERSAL JOINT

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	3/4"	3/4"	U1212	44	94	590



RETAINING PINS & RING

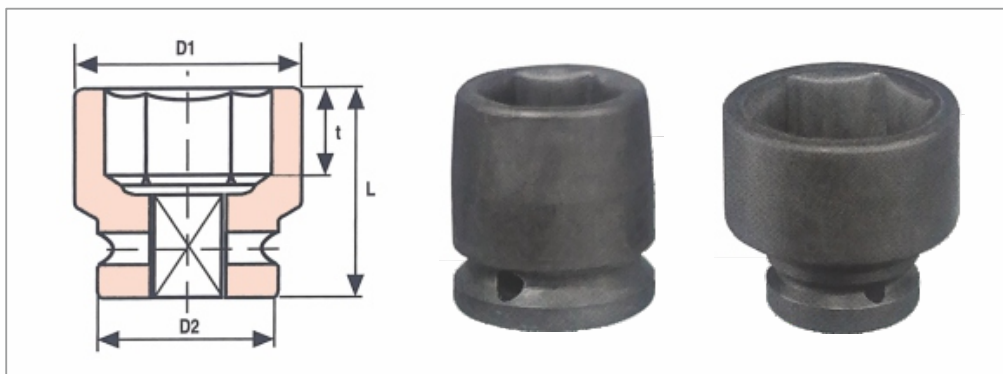
S.No.	For Socket		Catalogue No.		Pin		Ring
	Square Size	Dia. of Square End	Retaining G Pin	Retaining Ring	d mm	L mm	D mm
1	3/4"	44	P1244	R1244	4	35	36
2	3/4"	54	P1254	R1254	4	45	46

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	19	3/4"	1012M19	36	54	55	9.5	600
2	20		16M20	37	54	55	10.0	600
3		13/16"	1613	38	54	55	11.0	600
4	21		16M21	38	54	55	11.0	600
5	22		16M22	40	54	55	11.0	600
6		7/8"	1614	40	54	55	13.0	600
7	23		16M23	41	54	55	13.0	600
8		15/16"	1615	41	54	55	13.0	600
9	24		16M24	42	54	55	13.0	600
10	25		16M25	43	54	55	13.0	600
11		1"	1616	43	54	55	13.0	600
12	26		16M26	45	54	55	13.0	600
13	27	1 1/16"	1617M27	46	54	55	13.0	600
14	28		16M28	47	54	55	14.0	600
15		1 1/8"	1618	48	54	57	16.5	630
16	29		16M29	48	54	57	16.5	630
17	30	1 3/16"	1619M30	50	54	57	165.0	630
18	31		16M31	51	54	57	16.5	630
19		1 1/4"	1620	51	54	57	17.0	630
20	32		16M32	51	54	57	17.0	630
21	33		16M33	54	54	57	17.0	630
22		1 5/16"	1621	54	54	60	19.0	650
23	34		16M34	54	54	60	19.0	650
24	35	1 3/8"	1622M35	54	54	60	19.0	150
25	36		16M36	54	54	60	19.0	650
26		1 7/16"	1623	54	54	60	19.0	650
27	37		16M37	54	54	60	19.0	650
28	38	1 1/2"	1624M38	60	54	64	22.0	760
29	39		16M39	60	54	64	22.0	760
30		1 9/16"	1625	60	54	64	22.0	760
31	40		16M40	63	54	64	22.0	800
32	41		16M41	63	54	64	22.0	800
33		1 5/8"	1626	63	54	64	22.0	800
34	42		16M42	63	54	64	22.0	800
35	43	1 11/16"	1627M43	67	54	69	25.0	950
36	44		16M44	67	54	69	25.0	950
37		1 3/4"	1628	70	54	69	25.5	1000
38	45		16M45	70	54	69	25.5	1000
39	46		16M46	70	54	69	25.5	1000
40		1 13/16"	1629	70	54	69	25.5	1000
41	47		16M47	70	54	69	25.5	1000
42		1 7/8"	1630	70	54	72	27.0	1000
43	48		16M48	73	54	72	27.0	1080
44	49	1 15/16"	1631M49	73	54	72	27.0	1080
45	50		16M50	73	54	72	27.0	1080
46	51	2"	1632M51	73	54	72	27.0	1080
47	52		16M52	78	54	72	27.0	1200
48		2 1/16"	1633	78	54	76	30.0	1240
49	54	2 1/8"	1634M54	82	54	76	30.0	1400

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
50	55		16M55	82	54	76	30.0	1400
51		2 3/16"	1635	82	54	80	32.0	1400
52	56		16M56	82	54	80	32.0	1400
53	57	2 1/4"	1636M57	82	54	80	33.0	1400
54	58		16M58	86	54	80	33.0	1500
55	59	2 5/16"	1637M59	86	54	82	33.0	1500
56	60		16M60	86	54	82	33.0	1500
57		2 3/8"	1638	86	54	85	35.0	1500
58	61		16M61	88	54	85	35.0	1800
59	62		1639M62	92	54	85	35.0	1800
60		2 7/16"	1640	92	54	85	35.0	1800
61	65	2 1/2"	1641M65	92	54	85	35.0	1800
62	67	2 9/16"	1642M67	92	54	88	38.0	1800
63		2 5/8"	1643	96	54	88	38.0	1800
64	70	2 11/16"	1644M70	96	54	88	38.0	1800
65		2 3/4"	1645	100	86	92	40.0	2700
66	73	2 13/16"	1646M73	100	86	92	41.0	2700
67	75	2 7/8"	1647M75	100	86	92	41.0	2700
68	76	2 15/16"	1648M76	105	86	97	44.0	3200
69	77	3"	16M77	106	86	97	44.0	3200
70		3 1/16"	1649	105	86	97	44.0	3200
71		3 1/8"	1650	105	86	97	44.0	3200
72	80		16M80	105	86	97	44.0	3200
73			1651	109	86	100	47.0	3200
74		3 3/16"	1652	109	86	100	47.0	3200
75		3 1/4"	1653	109	86	100	47.0	3200
76	85	3 5/16"	16M85	115	86	100	47.0	3500
77	86	3 3/8"	1654M86	115	86	104	49.0	3200
78		3 7/16"	1655	121	86	104	49.0	4120
79		3 1/2"	1656	121	86	104	49.0	4120
80	90		16M90	127	86	104	49.0	4400
81			1657	127	86	104	49.0	4400
82		3 9/16"	1658	130	88	104	49.0	4700
83		3 5/8"	1659	130	86	104	49.0	4700
84	95	3 11/16"	1660M95	135	86	106	49.0	5200
85		3 13/16"	1661	135	86	112	54.0	5200
86		3 7/8"	1662	135	86	112	54.0	5200
87	100	3 15/16"	1663M100	135	86	112	54.0	5200
88		4"	1664	140	127	112	54.0	5500
89		4 1/16"	1665	140	127	112	54.0	5500
90	105	4 1/8"	1666M105	145	127	112	54.0	7700
91		4 3/16"	1667	145	127	122	62.0	8100
92		4 1/4"	1668	145	127	122	62.0	8100
93	110	4 5/16"	1669M110	150	127	122	62.0	8200
94		4 3/8"	1670	150	127	122	62.0	8200
95		4 7/16"	1671	155	127	122	62.0	9060
96		4 1/2"	1672	155	127	122	62.0	9060
97	115		16M115	155	127	122	67.0	9060

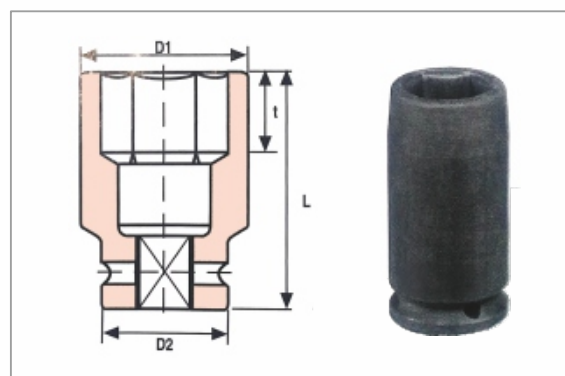


6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG ○

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	19	3/4"	1612M19L	36	54	100	9.5	1200
2	20		16M20L	37	54	100	10.0	1200
3		13/16"	1613L	38	54	100	11.0	1200
4	21		16M21L	38	54	100	11.0	1200
5	22		16M22L	40	54	100	11.0	1200
6		7/8"	1614L	40	54	100	13.0	1200
7	23		16M23L	41	54	100	13.0	1200
8		15/16"	1615L	41	54	100	13.0	1200
9	24		16M24L	42	54	100	13.0	1200
10	25		16M25L	43	54	100	13.0	1200
11		1"	1616L	43	54	100	13.0	1200
12	26		16M26L	45	54	100	13.0	1200
13	27	1 1/16"	1617M27L	46	54	100	13.0	1200
14	28		16M28L	47	54	100	14.0	1200
15		1 1/8"	1618L	48	54	100	16.5	1200
16	29		16M29L	48	54	100	16.5	1200
17	30	1 3/16"	1619M30L	50	54	100	16.5	1200
18	31		16M31L	51	54	100	17.0	1200
19		1 1/4"	1620L	51	54	100	17.0	1200
20	32		16M32L	51	54	100	17.0	1200
21	33		16M33L	54	54	100	17.0	1200
22		1 5/16"	1621L	54	54	100	19.0	1200
23	34		16M34L	54	54	100	19.0	1200
24	35	1 3/8"	1622M35L	54	54	100	19.0	1200
25	36		16M36L	54	54	100	19.0	1200
26		1 7/16"	1623L	54	54	100	19.0	1200
27	37		16M37L	54	54	100	19.0	1200
28	38	1 1/2"	1624M38L	60	54	100	22.0	1300
29	39		16M39L	60	54	100	22.0	1300
30		1 9/16"	1625L	60	54	100	22.0	1300
31	40		16M40L	63	63	100	22.0	1400
32	41		16M41L L	63	54	100	22.0	1400
33		1 5/8"	1626	63	54	100	22.0	1400
34	42		16M42L	63	54	100	22.0	1400
35	43	1 11/16"	1627M43L	67	54	100	25.0	1500
36	44		16M44L	67	54	100	25.0	1500
37		1 3/4"	1628L	70	54	100	25.5	1600
38	45		16M45L	70	54	100	25.5	1600
39	46		16M46L	70	54	100	25.5	1600
40		1 13/16"	1629L	70	54	100	25.5	1600
41	47		16M47L	70	54	100	25.5	1600
42		1 7/8"	1630L	70	54	100	27.0	1600
43	48		16M48L	73	54	100	27.0	1700
44	49	1 15/16"	1631M49L	73	54	100	27.0	1700
45	50		16M50L	73	54	100	27.0	1700
46	51	2"	1632M51L	73	54	100	27.0	1700
47	52		16M52L	78	54	100	27.0	1900
48		2 1/16"	1633L	78	54	100	30.0	1900
49	54	2 1/8"	1634M54L	82	54	104	30.0	2200

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
50	55		16M55L	82	54	105	30.0	2200
51		2 3/16"	1635L	82	54	105	32.0	2200
52	56		16M56L	82	54	105	32.0	2200
53	57	2 1/4"	1636M57L	82	54	105	33.0	2200
54	58		16M58L	86	54	105	33.0	2500
55	59	2 5/16"	1637M59L	86	54	112	33.0	2500
56	60		16M60L	86	54	105	33.0	2500
57		2 3/8"	1638L	86	54	112	35.0	2500
58	61		16M61L	88	54	112	35.0	2800
59	62	2 7/16"	1639M62L	92	54	118	35.0	3000
60		2 1/2"	1640L	92	54	118	35.0	3000
61	65	2 9/16"	1641 M65L	92	54	118	35.0	3000
62	67	2 5/8"	1642M67L	92	54	118	38.0	3000
63		2 11/16"	1643L	96	54	124	38.0	3200
64	70	2 3/4"	1644M70L	96	54	124	38.0	3200
65		2 13/16"	1645L	100	86	124	40.0	4300
66	73	2 7/8"	1646M73L	100	86	124	41.0	4300
67	75	2 15/16"	1647M75L	100	86	124	41.0	4300
68	76	3"	1648M76L	105	86	130	44.0	4800
69	77		16M77L	105	86	130	44.0	4800
70		3 1/16"	1649L	105	86	130	44.0	4800
71		3 1/8"	1650L	105	86	132	44.0	4800
72	80		16M80L	105	86	132	44.0	4800
73		3 3/16"	1651L	109	86	132	47.0	5000
74		3 1/4"	1652L	109	86	132	47.0	5000
75		3 5/16"	1653L	109	86	132	47.0	5000
76	85		16M85L	115	86	132	47.0	5200
77	86	3 3/8"	1654M86L	115	86	140	49.0	6000
78		3 7/16"	1655L	121	86	140	49.0	7000
79		3 1/2"	1656L	121	86	140	49.0	7000
80	90		16M90L	127	86	140	49.0	7200
81		3 9/16"	1657L	127	86	140	49.0	7200
82		3 5/8"	1658L	130	86	140	49.0	7400
83		3 11/16"	1659L	130	86	140	49.0	7400
84	95	3 3/4"	1660M95L	135	86	140	49.0	7600
85		3 13/16"	1661L	135	86	143	54.0	7600
86		3 7/8"	1662L	135	86	143	54.0	7600
87	100	3 15/16"	1663M100L	135	86	143	54.0	7600
88		4"	1664L	140	127	143	54.0	10400
89		4 1/16"	1665L	140	127	143	54.0	10400
90	105	4 1/8"	1666M105L	145	127	143	54.0	10500
91		4 3/16"	1667L	145	127	149	62.0	10500
92		4 1/4"	1668L	145	127	149	62.0	10500
93	110	4 5/16"	1669M110L	150	127	149	62.0	11200
94		4 3/8"	1670L	150	127	149	62.0	11200
95		4 7/16"	1671L	155	127	149	62.0	11700
96		4 1/2"	1672L	155	127	149	62.0	11700
97	115		16M115L	155	127	149	67.0	11700



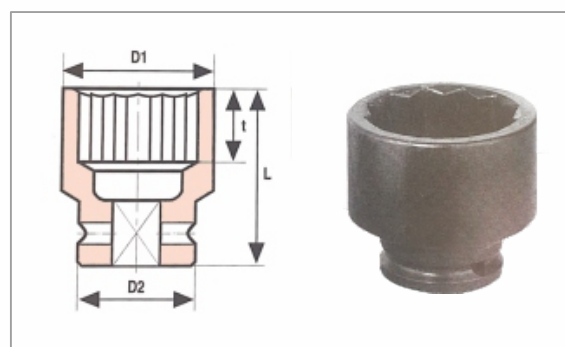
6 POINT IMPACT SOCKETS LONG

12 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	19	3/4"	1612M19DH	36	54	55	9.5	600
2	20		16M20DH	37	54	55	10.0	600
3		13/16"	1613DH	38	54	55	11.0	600
4	21		16M21DH	38	54	55	11.0	600
5	22		16M22DH	40	54	55	11.0	600
6		7/8"	1614DH	40	54	55	13.0	600
7	23		16M23DH	41	54	55	13.0	600
8		15/16"	1615DH	41	54	55	13.0	600
9	24		16M24DH	42	54	55	13.0	600
10	25		16M25DH	43	54	55	13.0	600
11		1"	1616DH	43	54	55	13.0	600
12	26		16M26DH	45	54	55	13.0	600
13	27	1 1/16"	1617M27DH	46	54	55	13.0	600
14	28		16M28DH	47	54	55	14.0	600
15		1 1/8"	1618DH	48	54	57	16.5	630
16	29		16M29DH	48	54	57	16.5	630
17	30	1 3/16"	1619M30DH	50	54	57	16.5	630
18	31		16M31DH	51	54	57	16.5	630
19		1 1/4"	1620DH	51	54	57	17.0	630
20	32		16M32DH	51	54	57	17.0	630
21	33		16M33DH	54	54	57	17.0	630
22		1 5/16"	1621DH	54	54	60	19.0	650
23	34		16M34DH	54	54	60	19.0	650
24	35	1 3/8"	1622M35DH	54	54	60	19.0	650
25	36		16M36DH	54	54	60	19.0	650
26		17/16"	1623DH	54	54	60	19.0	650
27	37		16M37DH	54	54	60	19.0	650
28	38	1 1/2"	1624M38DH	60	54	64	22.0	760
29	39		16M39DH	60	54	64	22.0	760
30		1 9/16"	1625DH	60	54	64	22.0	760
31	40		16M40DH	63	54	64	22.0	800
32	41		16 M41DH	63	54	64	22.0	800
33		1 5/8"	1626DH	63	54	64	22.0	800
34	42		16M42DH	63	54	64	22.0	800
35	43	1 11/16"	1627M43DH	67	54	69	25.0	950
36	44		16M44DH	67	54	69	25.0	950
37		1 3/4"	1628DH	70	54	69	25.5	1000
38	45		16M45DH	70	54	69	25.5	1000
39	46		16M46DH	70	54	69	25.5	1000
40		1 13/16"	1629DH	70	54	69	25.5	1000
41	47		16M47DH	70	54	69	25.5	1000
42		1 7/8"	1630DH	70	54	72	27.0	1000
43	48		16M48DH	73	54	72	27.0	1080
44	49	1 15/16"	1631M49DH	73	54	72	27.0	1080
45	50		16M50DH	73	54	72	27.0	1080
46	51	2"	1632M51DH	73	54	72	27.0	1080
47	52		16M52DH	78	54	72	27.0	1200
48		2 1/16"	1633DH	78	54	76	30.0	1240
49	54	2 1/8"	1634M54DH	82	54	76	30.0	1400

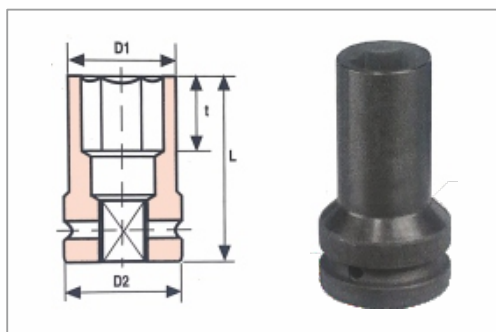
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
50	55		16M55DH	82	54	76	30.0	1400
51		2 3/16"	1635DH	82	54	80	32.0	1400
52	56		16M56DH	82	54	80	32.0	1400
53	57	2 1/4"	1636M57DH	82	54	80	33.0	1400
54	58		16M58DH	86	54	80	33.0	1500
55	59	2 5/16"	1637M59DH	86	54	82	33.0	1500
56	60		16M60DH	86	54	82	33.0	1500
57		2 3/8"	1638DH	86	54	85	35.0	1500
58	61		16M61DH	88	54	85	35.0	1800
59	62	2 7/16"	1639M62DH	92	54	85	35.0	1800
60		2 1/2"	1640DH	92	54	85	35.0	1800
61	65	2 9/16"	1641M65DH	92	54	85	35.0	1800
62	67	2 5/8"	1642M67DH	92	54	88	38.0	1800
63		2 11/16"	1643DH	96	54	88	38.0	1800
64	70	2 3/4"	1644M70DH	96	54	88	38.0	1800
65		2 13/16"	1645DH	100	86	92	40.0	2700
66	73	2 7/8"	1646M73DH	100	86	92	41.0	2700
67	75	2 15/16"	1647M75DH	100	86	92	41.0	2700
68	76	3"	1648M76DH	105	86	97	44.0	3200
69	77		16M77DH	105	86	97	44.0	3200
70		3 1/16"	1649DH	105	86	97	44.0	3200
71		3 1/8"	1650DH	105	86	97	44.0	3200
72	80		16M80DH	105	86	97	47.0	3200
73		3 3/16"	1651DH	109	86	100	47.0	3200
74		3 1/4"	1652DH	109	86	100	47.0	3200
75		3 5/16"	1653DH	109	86	100	47.0	3200
76	85		16M85DH	115	86	100	49.0	3500
77	86	3 3/8"	1654M86DH	115	86	104	49.0	3500
78		3 7/16"	1655DH	121	86	104	49.0	4120
79		3 1/2"	1656DH	121	86	104	49.0	4120
80	90		16M90DH	127	86	104	49.5	4400
81		3 9/16"	1657DH	127	86	104	49.0	4400
82		3 5/8"	1658DH	130	86	104	49.0	4700
83		3 11/16"	1659DH	130	86	104	49.0	4700
84	95	3 3/4"	1660M95DH	135	86	106	54.0	5200
85		3 13/16"	1661DH	135	86	112	54.0	5200
86		3 7/8"	1662DH	135	86	112	54.0	5200
87	100	3 15/16"	1663M100DH	135	86	112	54.0	5200
88		4"	1664DH	140	127	112	54.0	5500
89		4 1/16"	1665DH	140	127	112	54.0	5500
90	105	4 1/8"	1666M105DH	145	127	112	54.0	7700
91		4 3/16"	1667DH	145	127	122	52.0	8100
92		4 1/4"	1668DH	145	127	122	62.0	8100
93	110	4 5/16"	1669M110DH	150	127	122	62.0	8200
94		4 3/8"	1670DH	150	127	122	62.0	8200
95		4 7/16"	1671DH	155	127	122	62.0	9060
96		4 1/2"	1672DH	155	127	122	62.0	9060
97	115		16M115DH	155	127	122	67.0	9060



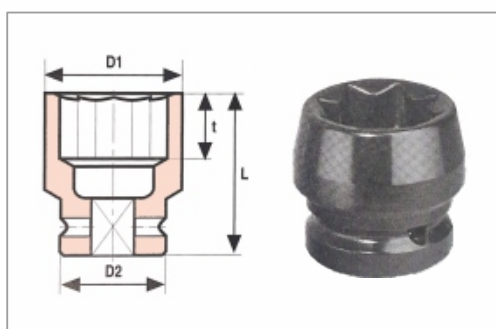
12 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT THIN WALL IMPACT SOCKETS LONG

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	22		16M22LT	38	54	100	10.0	780
2		7/8"	1614LT	38	54	100	10.0	780
3	23		16M23LT	38	54	100	13.0	780
4		15/16"	1615LT	38	54	100	13.0	780
5	24		16M24LT	38	54	100	13.0	780
6	25		16M25LT	41	54	100	13.0	800
7		1"	1616LT	41	54	100	13.0	800
8	26		16M26LT	44	54	100	13.0	800
9	27	1 1/16"	1617M27LT	44	54	100	13.0	800
10	28		16M28LT	44	54	100	14.0	800
11		1 1/8"	1618LT	44	54	100	16.5	800
12	29		16M29LT	44	54	100	16.5	800
13	30	1 3/16"	1619M30LT	49	54	100	16.5	800
14	31		16M31LT	49	54	100	17.0	800
15		1 1/4"	1620LT	49	54	100	17.0	800
16	32		16M32LT	49	54	100	17.0	800
17	33		16M33LT	52	54	100	17.0	800
18		1 5/16"	1621LT	52	54	100	19.0	800
19	34		16M34LT	52	54	100	19.0	800
20	35	1 3/8"	1622M35LT	52	54	100	19.0	800
21	36		16M36LT	53.5	54	100	19.0	950
22		1 7/16"	1623LT	53.5	54	100	19.0	950
23	37		16M37LT	53.5	54	100	19.0	1100
24	38	1 1/2"	1624M38LT	57	54	100	22.0	1100
25	39		16M39LT	57	54	100	22.0	1100
26		1 9/16"	1625LT	57	54	100	22.0	1100
27	40		16M40LT	60	54	100	22.0	1200
28	41		16M41LT	60	54	100	22.0	1200
29		1 5/8"	1626LT	60	54	100	22.0	1200
30	42		16M42LT	60	54	100	22.0	1200
31	43	1 11/16"	1627M43LT	63	54	100	25.0	1300
32	44		16M44LT	63	54	100	25.0	1300
33		1 3/4"	1628LT	67	54	100	25.5	1500
34	45		16M45LT	67	54	100	25.5	1500
35	46		16M46LT	67	54	100	25.5	1500
36		1 13/16"	1629LT	67	54	100	25.5	1500



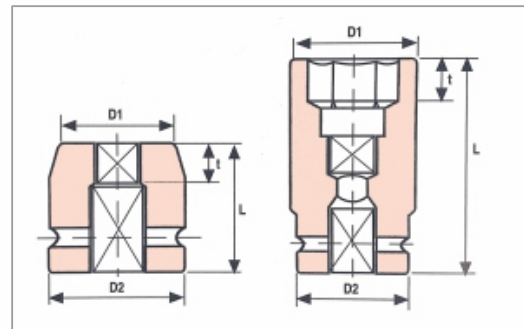
6 POINT THIN WALL IMPACT SOCKETS LONG



8 POINT IMPACT SOCKETS REGULAR LENGTH

BUD WHEELS IMPACT SOCKETS

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		16M17B	40	54	55	9.0	590
2	21		16M21B	47	54	55	10.0	620
3		13/16"	1613B	47	54	55	12.0	620
4		15/16"	1615B	52.5	54	60	13.0	720
5		13/16"	1613BL	47	54	100	12.0	1320
6		15/16"	1615BL	52.5	54	100	13.0	1320
7	38	1 1/2" HEX	1624BS	57	54	100	14.5	1320



BUD WHEELS IMPACT SOCKETS

4 POINT IMPACT SOCKETS

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	17		16M17B	40	54	55	9.0	600
2	18		16M18B	41	54	55	9.0	600
3	19		16M19B	41	54	55	9.5	600
4	20		16M20B	42	54	55	10.0	600
5	21		16M21B	47	54	55	11.0	600
6	22		16M22B	50	54	55	11.0	600
7	24		16M24B	52	54	60	13.0	600
8	27		16M27B	54	54	60	13.0	600
9		5/8"	16010B	40	54	55	8.0	600
10		1 1/16"	16011B	40	54	55	9.0	600
11		3/4"	16012B	41	54	55	9.5	600
12		13/16"	16013B	47	54	55	11.0	600
13		7/8"	16014B	50	54	55	13.0	600
14		15/16"	16015B	52.5	54	60	13.0	600
15		1"	16016B	52.5	54	60	13.0	600
16		1 1/16"	16017B	54	54	60	13.0	600

8 POINT IMPACT SOCKETS REGULAR LENGTH

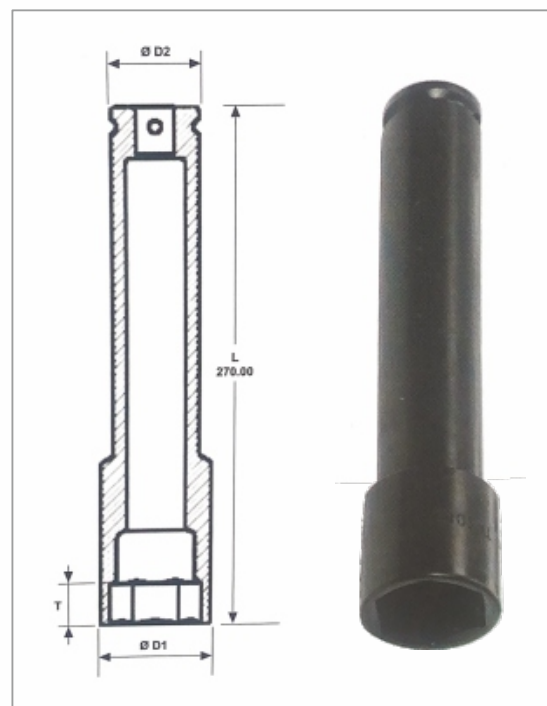
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1 1/4"	1620DS	60	54	58	17.0	710
2		1 5/16"	1621DS	63	54	58	19.0	760
3	35	1 3/8"	1622M35DS	67	60	58	19.0	870
4		1 7/16"	1623DS	67	60	58	19.0	890
5	38	1 1/2"	1624M38DS	70	60	62	22.0	1000
6		1 9/16"	1625DS	78	60	62	22.0	1170
7	41	1 5/8"	1626M41DS	78	60	62	22.0	1660
8	43	1 11/16"	1627M43DS	82	60	67	25.0	1320
9		13/4"	1628DS	82	60	67	25.5	1300
10	46	1 13/16"	1629M46DS	86	60	67	25.5	1390
11		1 7/8"	1630DS	86	60	70	27.0	1450
12	51	2"	1632M51DS	92	60	70	27.0	1600
13	54	2 1/8"	1634M54DS	100	60	75	30.0	1780
14		2 3/16"	1635DS	100	60	78	32.0	2040
15	57	2 1/4"	1636M57DS	100	60	78	32.0	1970
16		2 3/8"	1638DS	105	60	82	35.0	2970
17		2 1/2"	1640DS	109	60	88	35.0	2570

EXTRA LONG 270 mm 6 POINT IMPACT SOCKETS



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	24		16M24L270	42	54	270	13.0	
2	25		16M25L270	43	54	270	13.0	
3		1"	1616L270	43	54	270	13.0	
4	26		16M26L270	45	54	270	13.0	
5	27	1 1/16"	1617M27L270	46	54	270	13.0	
6	28		16M28L270	47	54	270	14.0	
7		1 1/8"	1618L270	48	54	270	16.5	
8	29		16M29L270	48	54	270	16.5	
9	30	1 3/16"	1619M30L270	50	54	270	16.5	
10	31		16M31L270	51	54	270	16.5	
11		1 1/4"	1620L270	51	54	270	17.0	
12	32		16M32L270	51	54	270	17.0	
13	33		16M33L270	54	54	270	17.0	
14		1 5/16"	1621L270	54	54	270	19.0	
15	34		16M34L270	54	54	270	19.0	
16	35	1 3/8"	1622M35L270	54	54	270	19.0	
17	36		16M36L270	54	54	270	19.0	
18		1 7/16"	1623L270	54	54	270	19.0	
19	37		16M37L270	54	54	270	19.0	
20	38	1 1/2"	1624M38L270	60	54	270	22.0	
21	39		16M39L270	60	54	270	22.0	
22		1 9/16"	1625L270	60	54	270	22.0	
23	40		16M40L270	63	54	270	22.0	
24	41		16M41L270	63	54	270	22.0	
25		1 5/8"	1626L270	63	54	270	22.0	
26	42		16M42L270	63	54	270	22.0	
27	43	1 11/16"	1627M43L270	67	54	270	25.0	
28	44		16M44L270	67	54	270	25.0	
29		1 3/4"	1628L270	70	54	270	25.0	
30	45		16M45L270	70	54	270	25.0	
31	46		16M46L270	70	54	270	25.0	
32		1 13/16"	1629L270	70	54	270	25.0	
33	47		16M47L270	70	54	270	25.0	
34		1 7/8"	1630L270	70	54	270	27.0	
35	48		16M48L270	73	54	270	27.0	
36	49	1 15/16"	1631M49L270	73	54	270	27.0	
37	50		16M50L270	73	54	270	27.0	
38	51	2"	1632M51L270	73	54	270	27.0	
39	52		16M52L270	78	54	270	27.0	
40		2 1/16"	1633L270	78	54	270	30.0	
41	54	2 1/8"	1634M54L270	82	54	270	30.0	
42	55		16M55L270	82	54	270	30.0	
43		2 3/16"	1635L270	82	54	270	32.0	
44	56		16M56L270	82	54	270	32.0	

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
45	57	2 1/4"	1636M57L270	82	54	270	33.0	
46	58		16M58L270	86	54	270	33.0	
47	59	2 5/16"	1637M59L270	86	54	270	33.0	
48	60		16M60L270	86	54	270	33.0	
49		2 3/8"	1638L270	86	54	270	35.0	
50	61		16M61L270	88	54	270	35.0	
51	62	2 7/16"	1639M62L270	92	54	270	35.0	
52		2 1/2"	1640L270	92	54	270	35.0	
53	65	2 9/16"	1641M65L270	92	54	270	35.0	
54	67	2 5/8"	1642M67L270	92	54	270	38.0	
55		2 11/16"	1643L270	96	54	270	38.0	
56	70	2 3/4"	1644M70L270	96	54	270	38.0	
57		2 13/16"	1645L270	100	60	270	40.0	
58	73	2 7/8"	1646M73L270	100	60	270	41.0	
59	75	2 15/16"	1647M75L270	100	60	270	41.0	

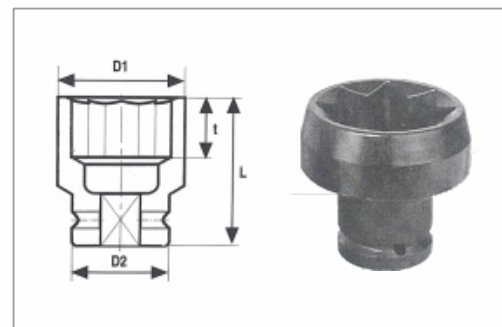


EXTRA LONG 270mm 6 POINT IMPACT SOCKETS

8 POINT IMPACT SOCKETS LONG



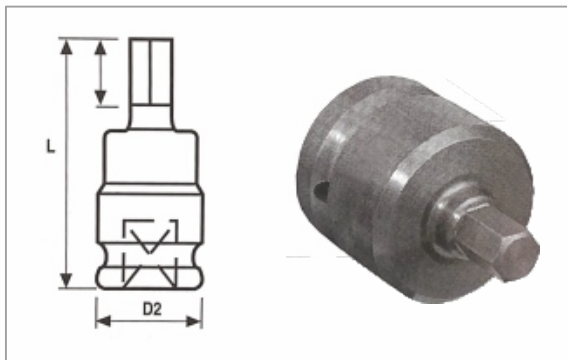
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1		1 1/4"	1620LDS	60	54	81	17.0	1000
2		1 5/16"	1621LDS	63	54	81	19.0	1040
3	35	1 3/8"	1622M35LDS	67	60	81	19.0	1300
4		1 7/16"	1623LDS	67	60	81	19.0	1260
5	38	1 1/2"	1624M38LDS	70	60	87	22.0	1430
6		1 9/16"	1625LDS	78	60	88	22.0	1670
7	41	1 5/8"	1626M41LDS	78	60	88	22.0	1670
8	43	1 11/16"	1627M43LDS	82	60	88	25.0	1800
9		1 3/4"	1628LDS	82	60	88	25.5	1800
10	46	1 13/16"	1629M46LDS	86	60	88	25.5	1900
11		1 7/8"	1630LDS	86	60	88	27.0	1900
12	51	2"	1632M51LDS	92	60	88	27.0	2000
13	54	2 1/8"	1634M54LDS	100	60	97	30.0	2350
14		2 3/16"	1635LDS	100	60	97	32.0	2350
15	57	2 1/4"	1636M57LDS	100	60	100	32.0	2270
16		2 3/8"	1638LDS	105	60	100	35.0	2350
17		2 1/2"	1640LDS	109	60	100	35.0	2640



8 POINT IMPACT SOCKETS REGULAR LENGTH

ONE PART INHEX DRIVER

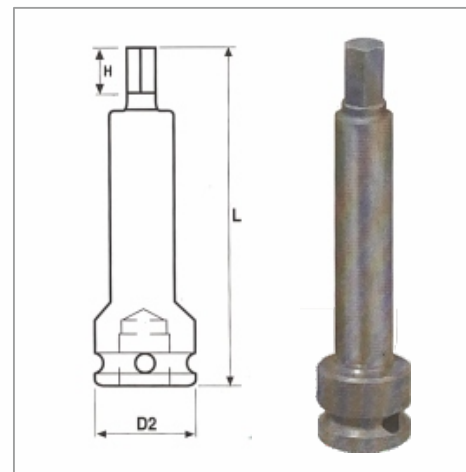
S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1		1/2"	1608H	54	71	13	645
2		9/16"	1609H	54	71	14	670
3		5/8"	1610H	54	71	16	670
4		3/4"	1612H	54	71	19	670
5		13/16"	1613H	54	75	21	700
6		7/8"	1614H	54	75	22	700
7		1"	1616H	54	75	25	750
8		1 1/16"	1617H	54	82	27	780
9		1 1/8"	1618H	54	82	29	810
10		1 3/16"	1619H	54	82	30	830
11		1 1/4"	1620H	54	82	32	930
12	10		16M10H	54	71	10	680
13	11		16M11H	54	71	11	680
14	12		16M12H	54	71	12	680
15	13		16M13H	54	71	13	680
16	14		16M14H	54	71	14	680
17	15		16M15H	54	71	15	680
18	16		16M16H	54	71	16	620
19	17		16M17H	54	71	17	680
20	18		16M18H	54	71	18	700
21	19		16M19H	54	71	19	700
22	20		16M20H	54	75	20	730
23	21		16M21H	54	75	21	730
24	22		16M22H	54	75	22	730
25	23		16M23H	54	75	23	740
26	24		16M24H	54	75	24	740
27	25		16M25H	54	75	25	790
28	26		16M26H	54	82	26	790
29	27		16M27H	54	82	27	790
30	28		16M28H	54	82	28	415
31	29		16M29H	54	82	29	415
32	30		16M30H	54	82	30	415
33	31		16M31H	54	82	31	920
34	32		16M32H	54	82	32	920



ONE PART INHEX DRIVER

INHEX DRIVER LONG - 100 mm

S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1	10		16M10HL4	54	100	10	500
2	12		16M12HL4	54	100	12	500
3	14		16M14HL4	54	100	14	500
4	17		16M17HL4	54	100	17	500
5	19		16M19HL4	54	100	19	500
6	22		16M22HL4	54	100	22	520
7	24		16M24HL4	54	100	24	520
8	27		16M27HL4	54	100	27	520
9	30		16M30HL4	54	100	30	520
10	32		16M32HL4	54	100	32	520
11		1/2"	1608HL4	54	100	13	500
12		9/16"	1609HL4	54	100	14	500
13		5/8"	1610HL4	54	100	16	500
14		3/4"	1612HL4	54	100	19	500
15		13/16"	1613HL4	54	100	21	500
16		7/8"	1614HL4	54	100	22	520
17		1"	1616HL4	54	100	25	520
18		1 1/16"	1617HL4	54	100	27	520
19		1 1/8"	1618HL4	54	100	29	520
20		1 3/16"	1619HL4	54	100	30	520
21		1 1/4"	1620HL4	54	100	32	520



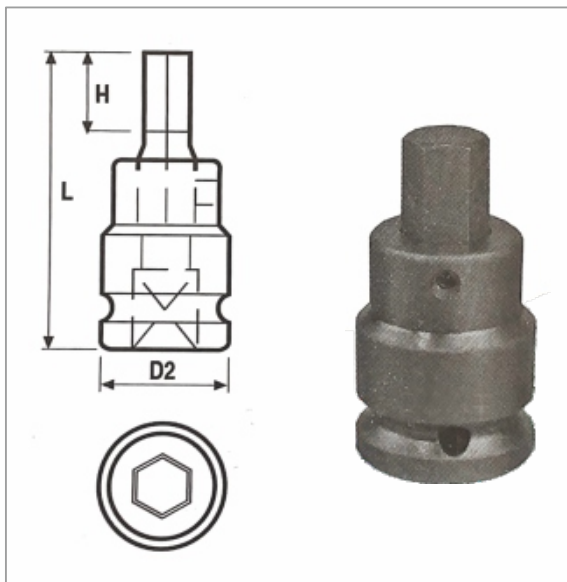
INHEX DRIVER - 100 mm LONG

INHEX DRIVER LONG - 150 mm

S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1	10		16M10HL6	54	150	10	530
2	12		16M12HL6	54	150	12	530
3	14		16M14HL6	54	150	14	530
4	17		16M17HL6	54	150	17	530
5	19		16M19HL6	54	150	19	530
6	22		16M22HL6	54	150	22	560
7	24		16M24HL6	54	150	24	560
8	27		16M27HL6	54	150	27	560
9	30		16M30HL6	54	150	30	560
10	32		16M32HL6	54	150	32	560
11		1/2"	1608HL6	54	150	13	530
12		9/16"	1609HL6	54	150	14	530
13		5/8"	1610HL6	54	150	16	530
14		3/4"	1612HL6	54	150	19	530
15		13/16"	1613HL6	54	150	21	530
16		7/8"	1614HL6	54	150	22	560
17		1"	1616HL6	54	150	25	560
18		1 1/16"	1617HL6	54	150	27	560
19		1 1/8"	1618HL6	54	150	29	560
20		1 3/16"	1619HL6	54	150	30	560
21		1 1/4"	1620HL6	54	150	32	560

TWO PARTS INHEX DRIVER

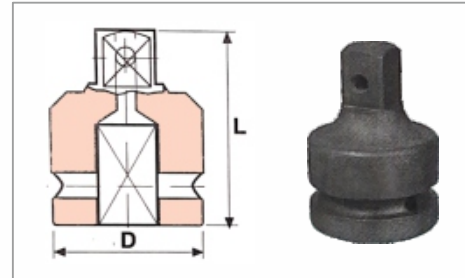
S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1		1/2"	1608V	54	82	19	800
2		9/16"	1609V	54	82	21	800
3		5/8"	1610V	54	84	24	800
4		3/4"	1612V	54	89	26	800
5		13/16"	1613V	54	89	26	900
6		7/8"	1614V	54	89	26	900
7		1"	1616V	54	95	30	1000
8		1 1/16"	1617V	54	95	32	1000
9		1 1/8"	1618V	54	95	32	1000
10		1 3/16"	1619V	54	100	36	1000
11		1 1/4"	1620V	54	100	38	1000
12	10		16M10V	54	82	16	800
13	11		16M11V	54	82	21	800
14	12		16M12V	54	82	21	800
15	13		16M13V	54	82	21	800
16	14		16M14V	54	82	21	800
17	15		16M15V	54	82	18	800
18	16		16M16V	54	84	18	800
19	17		16M17V	54	89	26	800
20	18		16M18V	54	89	26	900
21	19		16M19V	54	89	26	900
22	20		16M20V	54	89	26	900
23	21		16M21V	54	89	26	900
24	22		16M22V	54	89	26	900
25	23		16M23V	54	95	26	900
26	24		16M24V	54	95	26	900
27	25		16M25V	54	95	32	1000
28	26		16M26V	54	95	32	1000
29	27		16M27V	54	95	32	1000
30	28		16M28V	54	100	36	1000
31	29		16M29V	54	100	36	1000
32	30		16M30V	54	100	38	1000
33	31		16M31V	54	100	38	1000
34	32		16M32V	54	100	38	1000



TWO PART INHEX DRIVER

ADAPTERS

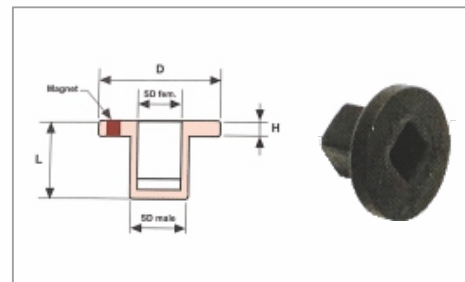
S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	1"	3/4"	A1612	54	77	650
2	1"	1 1/2"	A1624	54	85	1000
3	1"	Spline No. 5	A1695	54	110	980



ADAPTERS

INSERT ADAPTERS

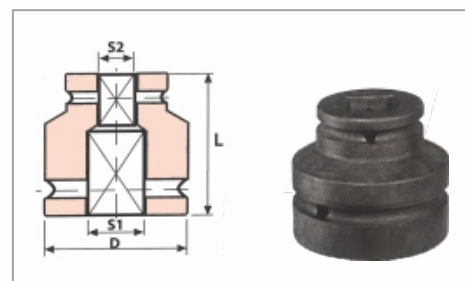
S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	3/4"	1"	AS1216	54	33	162
2	1"	1 1/2"	AS1624	84	45	569



INSERT ADAPTERS

TWO SIDE FEMALE ADAPTERS

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	1"	3/4"	AN1612	54	63	680
2	1"	1"	AN1616	54	59	750
3	1 1/2"	1"	AN2416	86	83	2050

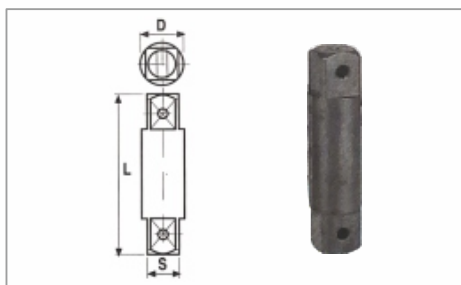


TWO SIDE FEMALE ADAPTERS

TWO SIDE MALE ADAPTERS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1"	Z1603	33	76	400
2	1"	Z1604	33	101	560
3	1"	Z1605	33	127	730
4	1"	Z1606	33	152	870
5	1"	Z1607	33	177	980
6	1"	Z1610	33	254	1380
7	1"	Z1613	33	330	2100
8	1"	Z1615	33	381	2460
9	1"	Z1616	33	406	2580
10	1"	Z1617	33	432	2750

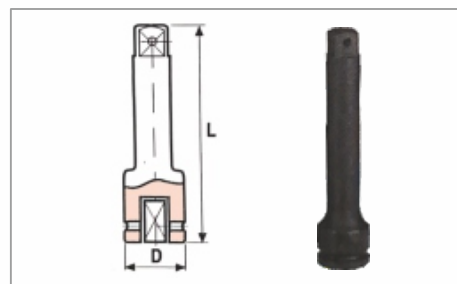


TWO SIDE MALE ADAPTERS

EXTENSIONS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1"	E1604	54	100	870
2	1"	E1605	54	125	1150
3	1"	E1607	54	175	1500
4	1"	E1610	54	250	2000
5	1"	E1613	54	330	2550

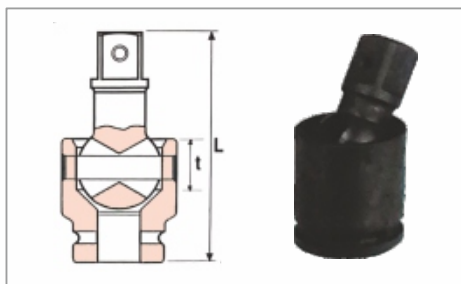


EXTENSIONS

UNIVERSAL JOINT



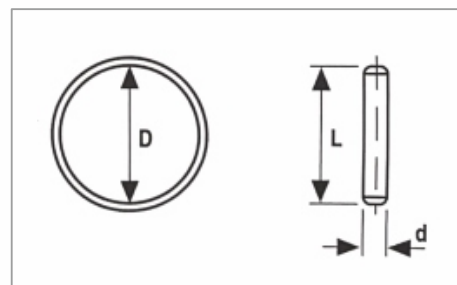
S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1"	U1616	67	136.5	1600



UNIVERSAL JOINT

RETAINING PINS & RING

S.No.	For Socket		Catalogue No.		Pin		Ring
	Square Size	Dia. of Square End	Retaining G Pin	Retaining Ring	d mm	L mm	D mm
1	1"	54	P1654	R1654	5	45	45
2	1"	86	P1686	R1686	5	77	77
3	1"	127	P16127	R16127	5	118	118



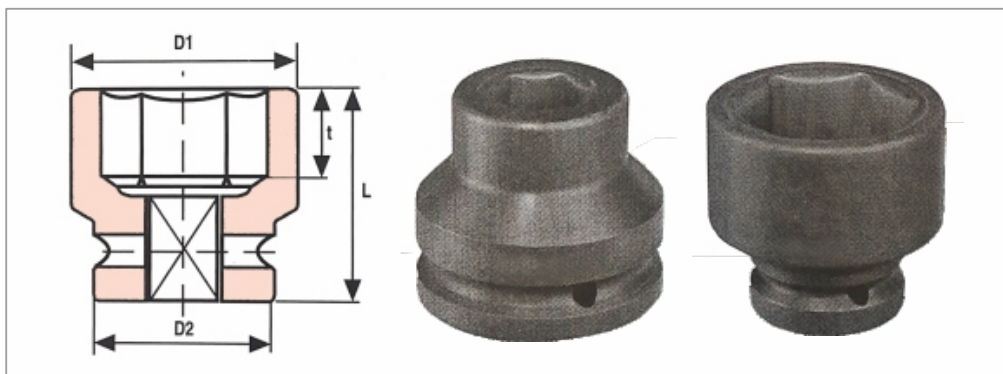
RETAINING PINS & RING

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	32		24M32	60	86	75	17.0	1800
2	33		24M33	60	86	75	17.0	1800
3		1 5/16"	2421	60	86	75	19.0	1800
4	34		24M34	60	86	75	19.0	1800
5	35	13/8"	2422M35	60	86	75	19.0	1800
6	36		24M36	64	86	80	19.0	2200
7		1 7/16"	2423	64	86	80	19.0	2200
8	37		24M37	64	86	80	19.0	2200
9	38	1 1/2"	2424M38	64	86	80	22.0	2200
10	39		24M39	70	86	80	22.0	2200
11		1 9/16"	2425	70	86	80	22.0	2200
12	40		24M40	70	86	80	22.0	2200
13	41		24M41	70	86	80	22.0	2200
14		15/8"	2426	70	86	80	22.0	2200
15	42		24M42	70	86	80	22.0	2200
16	43	1 11/16"	2427M43	75	86	80	25.0	2200
17	44		24M44	75	86	80	25.0	2200
18		13/4"	2428	75	86	80	25.5	2200
19	45		24M45	75	86	80	25.5	2200
20	46		24M46	75	86	80	25.5	2200
21		1 13/16"	2429	75	86	80	25.5	2200
22	47		24M47	75	86	80	25.5	2200
23		1 7/8"	2430	80	86	82	27.0	2300
24	48		24M48	80	86	82	27.0	2300
25	49	1 15/16"	2431M49	80	86	82	27.0	2300
26	50		24M50	80	86	82	27.0	2300
27	51	2°	2432M51	80	86	82	27.0	2300
28	52		24M52	80	86	82	27.0	2300
29		2 1/16"	2433	86	86	89	30.0	2500
30	54	21/8"	2434M54	86	86	89	30.0	2500
31	55		24M55	86	86	89	30.0	2500
32		2 3/16"	2435	86	86	92	32.0	2500
33	56		24M56	86	86	92	32.0	2500
34	57	2 1/4"	2436M57	86	86	92	32.5	2500
35	58		24M58	92	86	92	32.5	2800
36	59	2 5/16"	2437M59	92	86	92	33.0	2800
37	60		24M60	92	86	92	33.0	2800
38		23/8"	2438	92	86	96	35.0	2800
39	61		24M61	96	86	96	35.0	3200
40	62	2 7/16"	2439M62	96	86	96	35.0	3200
41		2 1/2"	2440	100	86	96	35.0	3350
42	65	2 9/16"	2441M65	100	86	96	35.0	3350
43	67	2 5/8"	2442M67	100	86	101	38.0	3350
44		2 11/16"	2443	105	86	101	38.0	3600

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
45	70	2 3/4°	2444M70	105	86	101	38.0	3600
46		2 13/16"	2445	109	86	105	40.0	3900
47	73	2 7/8°	2446M73	109	86	105	41.0	3900
48	75	2 15/16"	2447M75	109	86	105	41.0	3900
49	76	3"	2448M76	115	86	110	44.0	4500
50		3 1/16"	2449	115	86	110	44.0	4500
51	77		24M77	115	86	110	44.0	4500
52		3 1/8"	2450	115	86	110	44.0	4500
53	80		24M80	115	86	110	44.0	4500
54		3 3/16"	2451	121	86	116	47.0	5100
55		3 1/4°	2452	121	86	116	47.0	5100
56		3 5/16"	2453	121	86	116	47.0	5100
57	85		24M85	121	86	116	47.0	5100
58	86	3 3/8"	2454M86	127	86	116	49.0	5500
59		3 7/16"	2455	127	86	118	49.0	5500
60		3 1/2"	2456	130	86	118	49.0	5600
61	90		24M90	130	86	118	49.0	5600
62		3 9/16"	2457	130	86	118	49	5600
63		3 5/8"	2458	135	127	118	49	7900
64		3 11/16"	2459	135	127	118	49	7900
65	95	3 3/4"	2460M95	135	127	118	49	7900
66		3 13/16"	2461	140	127	125	54	8500
67		3 7/8"	2462	140	127	125	54	8500
68	100	3 15/16"	2463M100	140	127	125	54	8500
69		4"	2464	145	127	125	54	9000
70		4 1/16"	2465	145	127	125	54	9000
71	105	4 1/8"	2466M105	150	127	125	54	9500
72		4 3/16"	2467	150	127	137	62	10200
73		4 1/4"	2468	150	127	137	62	10200
74	110	4 5/16"	2469M110	155	127	137	62	10400
75		4 3/8"	2470	155	127	137	62	10400
76		4 7/16"	2471	155	127	137	62	10400
77		4 1/2"	2472	160	127	137	62	11500
78	115		24M115	160	127	137	67	11500
79		4 5/8"	2474	165	127	143	67	12000
80	120		24M120	165	127	145	67	12000
81		4 3/4"	2476	165	127	145	67	12000
82		4 7/8"	2478	170	127	145	67	12200
83	125		24M 125	170	127	145	67	12200
84		5"	2480	180	127	150	72	14800
85	130	5 1/8"	2482M130	180	127	158	76	14800
86		5 3/16"	2483	180	127	158	76	14800
87		5 3/8"	2486	190	127	158	76	16700

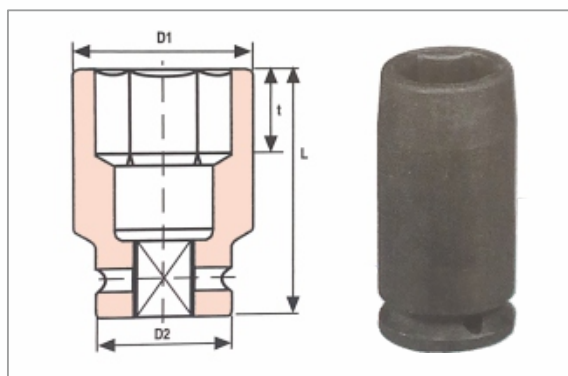


6 POINT IMPACT SOCKETS REGULAR LENGTH

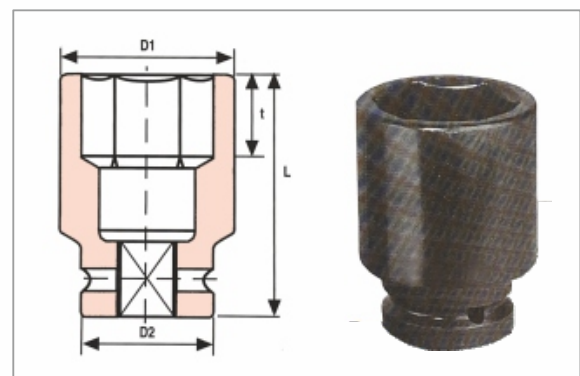
6 POINT IMPACT SOCKETS LONG ○

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	32		24M32L	60	86	140	17.0	4500
2	33		24M33L	60	86	140	17.0	4500
3		1 5/16"	2421 L	60	86	140	19.0	4500
4	34		24M34L	60	86	140	19.0	4500
5	35	1 3/8"	2422M35L	60	86	140	19.0	4500
6	36		24M36L	64	86	140	19.0	4500
7		17/16"	2423L	64	86	140	19.0	4500
8	37		24M37L	64	86	140	19.0	4500
9	38	1 1/2"	2424M38L	64	86	140	22.0	4500
10	39		24M39L	70	86	140	22.0	4500
11		19/16"	2425L	70	86	140	22.0	4500
12	40		24M40L	70	86	140	22.0	4500
13	41		24M41L	70	86	140	22.0	4500
14		1 5/8"	2426E	70	86	140	22.0	4500
15	42		24M42L	70	86	140	22.0	4500
16	43	1 11/16"	2427M43L	75	86	140	25.0	4500
17	44		24M44L	75	86	140	25.0	4500
18		1 3/4"	2428L	75	86	140	25.5	4500
19	45		24M45L	75	86	140	25.5	4500
20	46		24M46L	75	86	140	25.5	4500
21		1 13/16"	2429L	75	86	140	25.5	4500
22	47		24M47L	75	86	140	25.5	4500
23		1 7/8"	2430L	80	86	140	27.0	4500
24	48		24M48L	80	86	140	27.0	4500
25	49	1 15/16"	2431M49L	80	86	140	27.0	4500
26	50		24M50L	80	86	140	27.0	4500
27	51	2"	2432M51L	80	86	140	27.0	4500
28	52		24M52L	80	86	140	27.0	4500
29		2 1/16"	2433L	86	86	140	30.0	4500
30	54	2 1/8"	2434M54L	86	86	140	30.0	4500
31	55		24M55L	86	86	140	30.0	4500
32		2 3/16"	2435L	86	86	140	32.0	4500
33	56		24M56L	86	86	140	32.0	4500
34	57	2 1/4"	2436M57L	86	86	140	32.5	4500
35	58		24M58L	92	86	140	32.5	4600
36	59	2 5/16"	2437M59L	92	86	140	33.0	4600
37	60		24M60L	92	86	140	33.0	4600
38		2 3/8"	2438L	92	86	140	35.0	4600
39	61		24M61L	96	86	140	35.0	4800
40	62	2 7/16"	2439M62L	96	86	140	35.0	4800
41		2 1/2"	2440L	100	86	140	35.0	4900
42	65	2 9/16"	2441M65L	100	86	140	35.0	4900
43	67	2 5/8"	2442M67L	100	86	140	38.0	4900
44		2 11/16"	2443L	105	86	140	38.0	5000

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
45	70	2 3/4"	2444M70L	105	86	140	38.0	5000
46		2 13/16"	2445L	109	86	140	40.0	5600
47	73	2 7/8"	2446M73L	109	86	140	41.0	5600
48	75	2 15/16"	2447M75L	109	86	140	41.0	5600
49	76	3"	2448M76L	115	86	140	44.0	5900
50		3 1/16"	2449L	115	86	140	44.0	5900
51	77		24M77L	115	86	140	44.0	5900
52		3 1/8"	2450L	115	86	140	44.0	5900
53	80		24M80L	115	86	140	44.0	5900
54		3 3/16"	2451L	121	86	140	47.0	6200
55		3 1/4"	2452L	121	86	140	47.0	6200
56		3 5/16"	2453L	121	86	140	47.0	6200
57	85		24M85L	121	86	140	47.0	6200
58	86	3 3/8"	2454M86L	127	86	140	49.0	6600
59		3 7/16"	2455L	127	86	140	49.0	6600
60		3 1/2"	2456L	130	86	140	49.0	6800
61	90		24M90L	130	86	140	49.0	6800
62		3 9/16"	2457L	130	86	140	49.0	6800
63		3 5/8"	2458L	135	127	140	49.0	9900
64		3 11/16"	2459L	135	127	140	49.0	9900
65	95	3 3/4"	2460M95L	135	127	150	49.0	9900
66		3 13/16"	2461L	140	127	150	54.0	10700
67		3 7/8"	2462L	140	127	150	54.0	10700
68	100	3 15/16"	2463M100L	140	127	150	54.0	10700
69		4"	2464L	145	127	150	54.0	11200
70		4 1/16"	2465L	"M5_	127	150	54.0	11200
71	105	4 1/8"	2466M105L	150	127	150	54.0	11900
72		4 3/16"	2467L	150	127	150	62.0	11900
73		4 1/4"	2468L	150	127	160	62.0	11900
74	110	4 5/16"	2469M110L	155	127	160	62.0	12500
75		4 3/8"	2470L	155	127	160	62.0	12500
76		4 7/16"	2471L	155	127	160	62.0	12500
77		4 1/2"	2472L	160	127	160	62.0	13200
78	115		24M115L	160	127	160	67.0	13200
79		4 5/8"	2474L	165	127	170	67.0	14300
80	120		24M120L	165	127	170	67.0	14300
81		4 3/4"	2476L	165	127	170	67.0	14300
82		4 7/8"	2478L	170	127	170	67.0	14600
83	125		24M125L	170	127	170	67.0	14600
84		5"	2480L	180	127	180	72.0	18200
85	130	5 1/8"	2482M130L	180	127	185	76.0	18200
86		5 3/16"	2483L	180	127	185	76.0	18200
87		5 3/8"	2486L	190	127	185	76.0	19000



6 POINT IMPACT SOCKETS LONG



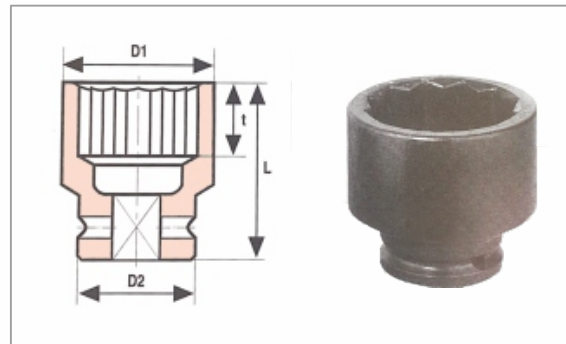
6 POINT IMPACT SOCKETS LONG

12 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	32		24M32DH	60	86	75	17.0	1800
2	33		24M33DH	60	86	75	17.0	1800
3		1 5/16"	2421DH	60	86	75	19.0	1800
4	34		24M34DH	60	86	75	19.0	1800
5	35	1 3/8"	2422M35DH	60	86	75	19.0	1800
6	36		24M36DH	64	86	80	19.0	2200
7		1 7/16"	2423DH	64	86	80	19.0	2200
8	37		24M37DH	64	86	80	19.0	2200
9	38	1 1/2"	2424M38DH	64	86	80	22.0	2200
10	39		24M39DH	70	86	80	22.0	2200
11		1 9/16"	2425DH	70	86	80	22.0	2200
12	40		24M40DH	70	86	80	22.0	2200
13	41		24M41DH	70	86	80	22.0	2200
14		15/8"	2426DH	70	86	80	22.0	2200
15	42		24M42DH	70	86	80	22.0	2200
16	43	1 11/16"	2427M43DH	75	86	80	25.0	2200
17	44		24M44DH	75	86	80	25.0	2200
18		13/4"	2428DH	75	86	80	25.5	2200
19	45		24M45DH	75	86	80	25.5	2200
20	46		24M46DH	75	86	80	25.5	2200
21		1 13/16"	2429DH	75	86	80	25.5	2200
22	47		24M47DH	75	86	80	25.5	2200
23		1 7/8"	2430DH	80	86	82	27.0	2300
24	48		24M48DH	80	86	82	27.0	2300
25	49	1 15/16"	2431M49DH	80	86	82	27.0	2300
26	50		24M50DH	80	86	82	27.0	2300
27	51	2"	2432M51DH	80	86	82	27.0	2300
28	52		24M52DH	80	86	82	27.0	2300
29		2 1/16"	2433DH	86	86	89	30.0	2500
30	54	2 1/8"	2434M54DH	86	86	89	30.0	2500
31	55		24M55DH	86	86	89	30.0	2500
32		2 3/16"	2435DH	86	86	92	32.0	2500
33	56		24M56DH	86	86	92	32.0	2500
34	57	2 1/4"	2436M57DH	86	86	92	33.0	2500
35	58		24M58DH	92	86	92	33.0	2800
36	59	2 5/16"	2437M59DH	92	86	92	33.0	2800
37	60		24M60DH	92	86	92	35.0	2800
38		2 3/8"	2438DH	92	86	96	35.0	2800
39	61		24M61DH	96	86	96	35.0	3200
40	62	2 7/16"	2439M62DH	96	86	96	35.0	3200
41		2 1/2"	2440DH	100	86	96	35.0	3350
42	65	2 9/16"	2441M65DH	100	86	96	35.0	3350
43		2 5/8"	2442M67DH	100	86	101	38.0	3350
44		2 11/16"	2443DH	105	86	101	38.0	3600

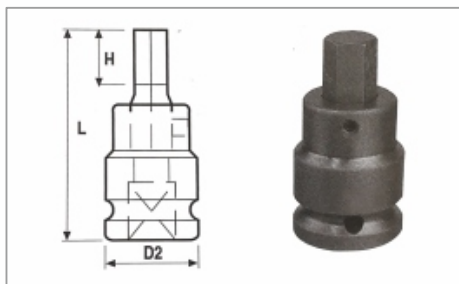
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
45	70	2 3/4"	2444M70DH	105	86	101	38.0	3600
46		2 13/16"	2445DH	109	86	105	40.0	3900
47	73	2 7/8"	2446M73DH	109	86	105	41.0	3900
48	75	2 15/16"	2447M75DH	109	86	105	41.0	3900
49	76	3"	2448M76DH	115	86	110	44.0	4500
50	77		24M77DH	115	86	110	44.0	4500
51		3 1/16"	2449DH	115	86	110	44.0	4500
52		3 1/8"	2450DH	115	86	110	44.0	4500
53	80		24M80DH	115	86	110	44.0	4500
54		3 3/16"	2451DH	121	86	116	47.0	5100
55		3 1/4"	2452DH	121	86	116	47.0	5100
56		3 5/16"	2453DH	121	86	116	47.0	5100
57	85		24M85DH	121	86	116	47.0	5100
58	86	3 3/8"	2454M86DH	127	86	116	49.0	5500
59		3 7/16"	2455DH	127	86	118	49.0	5500
60		3 1/2"	2456DH	130	86	118	49.0	2600
61	90		24M90DH	130	86	118	49.0	2600
62		3 9/16"	2457DH	130	86	118	49.0	2600
63		3 5/8"	2458DH	135	127	118	49.0	7900
64		3 11/16"	2459DH	135	127	118	49.0	7900
65	95	3 3/4"	2460M95DH	135	127	118	49.0	7900
66		3 13/16"	24561DH	140	127	125	54.0	8500
67		3 7/8"	2462DH	140	127	125	54.0	8500
68	100	3 15/16"	2463M100DH	140	127	125	54.0	8500
69		4"	2464DH	145	127	125	54.0	9000
70		4 1/16"	2465DH	145	127	125	54.0	9000
71	105	4 1/8"	2466M105DH	150	127	125	54.0	9500
72		4 3/16"	2467DH	150	127	137	62.0	10200
73		4 1/4"	2468DH	150	127	137	62.0	10200
74	110	4 5/16"	2469M110DH	155	127	137	62.0	10400
75		4 3/8"	2470DH	155	127	137	62.0	10400
76		4 7/16"	2471DH	155	127	137	62.0	10400
77		4 1/2"	2472DH	160	127	137	62.0	11500
78	115		24M115DH	160	127	137	67.0	11500
79		4 5/8"	2474DH	165	127	143	67.0	12000
80	120		24M120DH	165	127	145	67.0	12000
81		4 3/4"	2476DH	165	127	145	67.0	12000
82		4 7/8"	2478DH	170	127	145	67.0	12200
83	125		24M125DH	170	127	145	67.0	12200
84		5"	2480DH	180	127	150	72.0	14800
85	130	5 1/8"	2482M130DH	180	127	158	76.0	14800
86		5 3/16"	2483DH	180	127	158	76.0	14800
87		5 3/8"	2486DH	190	127	158	76.0	16700



12 POINT IMPACT SOCKETS REGULAR LENGTH

TWO PARTS INHEX DRIVER

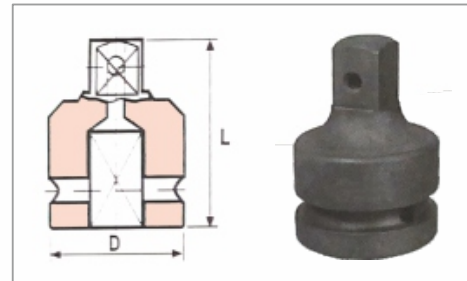
S.No.	Nominal Opening		Catalogue No.	D2 mm	L mm	H mm	Weight gm
	mm	A/F Inch					
1	22		24M22V	86	109	22	2600
2	24		24M24V	86	120	24	2600
3	27		24M27V	86	120	27	2600
4	30		24M30V	86	125	30	2800
5	32		24M32V	86	125	32	2800
6	36		24M36V	86	145	36	3400
7	38		24M38V	86	145	38	3400
8	41		24M41V	86	145	41	3520
9	46		24M46V	86	155	46	4700
10	50		24M50V	86	155	50	4900
11	55		24M55V	86	155	55	5100
12		1"	2416V	86	120	25	2600
13		1 1/8"	2418V	86	120	28	2600
14		1 1/4"	2420V	86	125	32	2800
15		1 3/8"	2422V	86	145	35	3400
16		1 1/2"	2424V	86	145	38	3400
17		1 5/8"	2426V	86	145	41	3520
18		1 3/4"	2428V	86	155	44	2520
19		1 13/16"	2429V	86	155	46	4700
20		1 7/8"	2430V	86	155	48	4900
21		2"	2432V	86	155	51	4900
22		2 1/8"	2434V	86	155	54	5100



TWO PARTS INHEX DRIVER

ADAPTERS

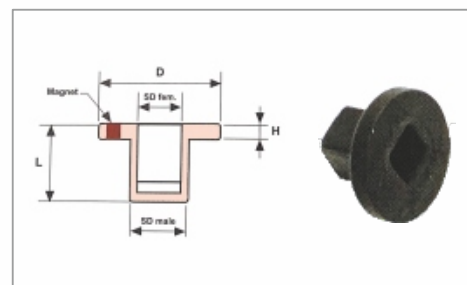
S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	1 1/2"	1"	A2416	86	95	2300
2	1 1/2"	2 1/2"	A2440	86	93	2500
3	1 1/2"	Spline No. 5	A2495	86	138	2530



ADAPTERS

INSERT ADAPTERS

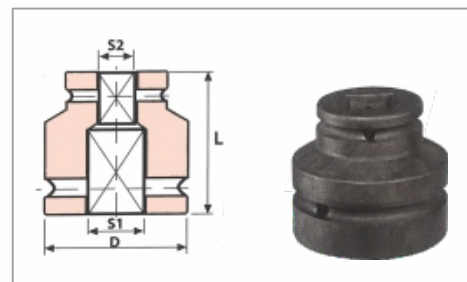
S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	1"	1-1/2"	AS1624	84	45	569
2	1-1/2"	2-1/2"	AS2440	137	65	2290



INSERT ADAPTERS

TWO SIDE FEMALE ADAPTERS

S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	1 1/2"	1"	AN2416	86	83	2050
2	1 1/2"	1 1/2"	AN2424	86	85	2690
3	2 1/2"	1 1/2"	AN4024	127	115	6500

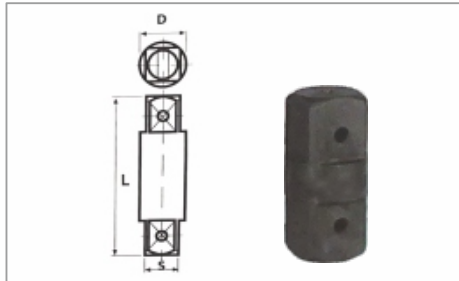


ADAPTERS

TWO SIDE MALE ADAPTERS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1 1/2"	Z2404	49	101	1200
2	1 1/2"	Z2405	49	127	1540
3	1 1/2"	Z2410	49	254	3420
4	1 1/2"	Z2420	49	508	6550

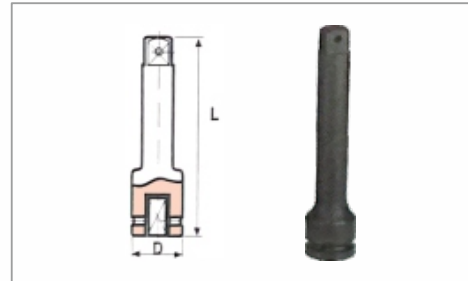


TWO SIDE MALE ADAPTERS

EXTENSIONS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1 1/2"	E2406	86	150	3980
2	1 1/2"	E2409	86	225	4540
3	1 1/2"	E2412	86	300	5000
4	1 1/2"	E2420	86	500	8200

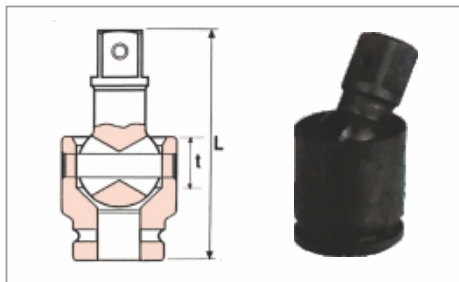


EXTENSIONS

UNIVERSAL JOINT



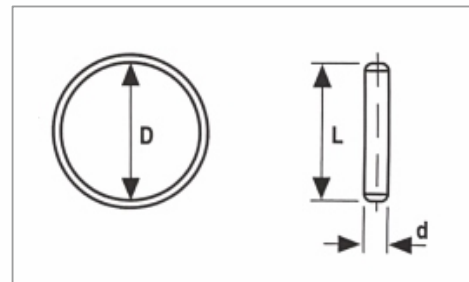
S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	1 1/2"	U2424	86	125	4070



UNIVERSAL JOINT

RETAINING PINS & RING

For Socket			Catalogue No.		Pin		Ring
S.No.	Square Size	Dia. of Square End	Retaining Pin	Retaining Ring	d mm	L mm	D mm
1	1 1/2"	86	P2486	R2486	6	75	75
2	1 1/2"	127	P24127	R24127	6	116	116



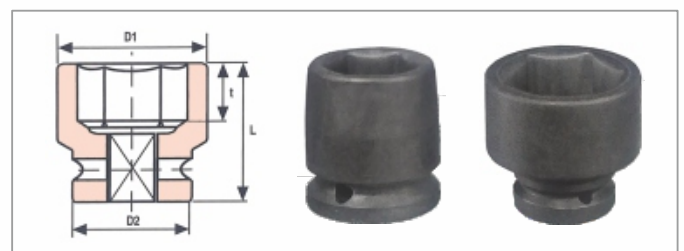
RETAINING PINS & RING

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	41		40M41	104	127	115	21.5	7000
2		1 5/8"	4026	104	127	115	21.5	7000
3	42		40M42	104	127	115	21.5	7000
4	43	1 11/16"	4027M43	104	127	115	25	7000
5	44		40M44	104	127	115	25	7000
6		1 3/4"	4028	104	127	115	25.5	7000
7	45		40M45	104	127	115	25.5	7000
8	46		40M46	104	127	115	25.5	7000
9		1 13/16"	4029	104	127	115	25.5	7000
10	47		40M47	104	127	115	25.5	7000
11		1 7/8"	4030	104	127	115	27	7000
12	48		40M48	104	127	115	27	7000
13	49	1 15/16"	4031M49	104	127	115	27	7000
14	50		40M50	104	127	115	27	7000
15	51	2"	4032M51	104	127	115	27	7000
16	52		40M52	104	127	115	27	7000
17		2 1/16"	4033	104	127	115	30	7000
18	54	2 1/8"	4034M54	104	127	115	30	7000
19	55		40M55	104	127	115	30	7000
20		2 3/16"	4035	104	127	115	32	7000
21	56		40M56	104	127	115	32	7000
22	57	2 1/4"	4036M57	104	127	115	32.5	7000
23	58		40M58	104	127	115	32.5	7000
24	59	2 5/16"	4037M59	104	127	115	33	7000
25	60		40M60	104	127	115	33	7000
26		2 3/8"	4038	104	127	115	35	7000
27	61		40M61	104	127	115	35	7000
28	62	2 7/16"	4039M62	104	127	115	35	7000
29		2 1/2"	4040	104	127	115	35	7000
30	65	2 9/16"	4041M65	104	127	115	35	7000
31	67	2 5/8"	4042M67	104	127	115	38	7000
32		2 11/16"	4043	104	127	115	38	7000
33	70	2 3/4"	4044M70	104	127	115	38	7000
34		2 13/16"	4045	115	127	125	40	7600
35	73	2 7/8"	4046M73	115	127	125	41	7600
36	75	2 15/16"	4047M75	115	127	125	41.0	7600
37	76	3"	4048M76	115	127	125	44	7600
38	77		40M77	115	127	125	44	7600
39		3 1/16"	4049	115	127	125	44	7600
40		3 1/8"	4050	127	127	125	44	7600
41	80		40M80	115	127	125	44	7600
42		3 3/16"	4051	127	127	130	47	8000
43		3 11/16"	4052	127	127	130	47	8000
44		3 5/16"	4053	127	127	130	47	8000
45	85		40M85	127	127	130	47	8000
46	86	3 3/8"	4054M86	127	127	130	49	8000
47		3 7/16"	4055	135	127	132	49	8100
48		3 1/2"	4056	135	127	132	49	8100
49	90		40M90	135	127	132	49	8100
50		3 9/16"	4057	135	127	132	49	8100
51		3 5/8"	4058	135	127	132	49	8100
52		3 11/16"	4059	140	127	132	49	8200
53	95	3 3/4"	4060M95	140	127	132	49	8200
54		3 13/16"	4061	145	127	141	54	9000
55		3 7/8"	4062	145	127	141	54	9000
56	100	3 15/16"	4063M100	145	127	141	54	9000
57		4"	4064	150	127	141	54	9600
58		4 1/16"	4065	150	127	141	54	9600
59	105	4 1/8"	4066M105	150	127	141	54	9600
60		4 3/16"	4067	155	127	150	62	10500
61		4 1/4"	4068	155	127	150	62	10500
62	110	4 5/16"	4069M110	160	127	150	62	11000
63		4 3/8"	4070	160	127	150	62	11000
64		4 7/16"	4071	165	127	150	62	11300
65		4 1/2"	4072	165	127	150	62	11300
66	115		40M115	165	127	150	62	11500
67		4 5/8"	4074	170	127	158	67	12000
68	120		40M120	170	127	158	67	12000

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
69		4 3/4"	4076	170	127	158	67	12000
70		4 7/8"	4078	170	127	158	67	12000
71	125		40M125	170	127	158	67	12000
72		5"	4080	180	127	165	72	14100
73	130	5 1/8"	4082M130	180	127	174	76	14100
74		5 3/16"	4083	180	127	174	76	14100
75		5 1/4"	4084	190	127	174	76	17000
76	135		40M135	190	127	174	76	17000
77		5 3/8"	4086	190	127	174	76	17000
78	140	5 1/2"	4088M140	190	127	176	79	17000
79		5 5/8"	4090	200	150	182	83	20000
80		145	40M145	200	150	182	83	20000
81		5 3/4"	4092	200	150	182	83	20000
82	150	5 7/8"	4094M150	210	150	190	88	22000
83		6"	4096	210	150	190	88	22000
84	155		40M155	210	150	190	88	22000
85		6 1/8"	4098	210	150	190	88	22000
86		6 1/4"	40100	220	150	194	91	23000
87	160		40M160	220	150	194	91	23000
88		6 3/8"	40102	220	150	194	91	23000
89	165	6 1/2"	40104M165	230	175	201	94	30000
90		6 5/8"	40106	230	175	201	94	30000
91	170		40M170	230	175	201	94	30000
92		6 3/4"	40108	230	175	208	99	30000
93	175	6 7/8"	40110M175	240	175	208	99	32000
94		7"	40112	240	175	214	104	32000
95	180		40M180	240	175	214	104	32000
96		7 1/8"	40114	250	175	214	104	36000
97	185	7 1/4"	40116M185	250	175	214	104	36000
98		7 3/8"	40118	250	175	218	107	36000
99	190		40M190	260	175	218	107	40000
100		7 1/2"	40120	260	175	218	107	40000
101	195	7 5/8"	40122M195	260	175	222	109	40000
102		7 3/4"	40124	270	175	226	112	44000
103	200	7 13/16"	40125M200	270	175	226	112	44000
104		7 7/8"	40126	270	175	226	112	44000
105		8"	40128	270	175	232	115 0	44000
106	205		40M205	270	175	232	115	44000
107		8 1/8"	40130	280	175	232	115	48000
108	210	8 1/4"	40132M210	280	175	232	115	48000
109		8 3/8"	40134	290	175	239	120	51000
110	215		40M215	290	175	239	120	51000
111		8 1/2"	40136	290	175	250	122	51000
112	220		40 M220	300	175	255	128	60000
113		8 3/4"	40140	300	175	253	124	60000
114	225	8 7/8"	40142M225	300	175	258	126	60000
115		9"	40144	310	175	258	128	66000
116	230		40M230	310	175	258	128	66000
117		9 1/8"	40146	310	175	258	131	66000
118	235		40M235	310	175	275	131	66000
119		9 1/4"	40148	310	175	275	133	66000

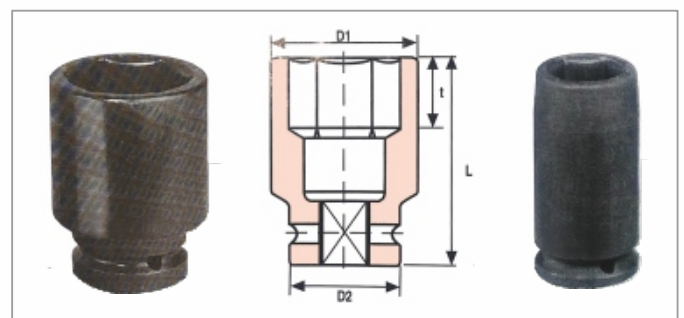


6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG ○

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	41		40M41L	104	127	192	21.5	11000
2		15/8"	4026L	104	127	192	21.5	11000
3	42		40M42L	104	127	192	21.5	11000
4	43	1 11/16"	4027M43L	104	127	192	25.0	11000
5	44		40M44L	104	127	192	25.0	11000
6		13/4"	4028L	104	127	192	25.5	11000
7	45		40M45L	104	127	192	25.5	11000
8	46		40 M46L	104	127	192	25.5	11000
9		113/16"	4029L	104	127	192	25.5	11000
10	47		40M47L	104	127	192	25.5	11000
11		17/8"	4030L	104	127	192	27.0	11000
12	48		40M48L	104	127	192	27.0	11000
13	49	1 15/16"	4031M49L	104	127	192	27.0	11000
14	50		40M50L	104	127	192	27.0	11000
15	51	2"	4032M51L	104	127	192	27.0	11000
16	52		40M52L	104	127	192	27.0	11000
17		2 1/16"	4033L	104	127	192	30.0	11000
18	54	2 1/8"	4034M54L	104	127	192	30.0	11000
19	55		40M55L	104	127	192	30.0	11000
20		2 3/16"	4035L	104	127	192	32.0	11000
21	56		40M56L	104	127	192	32.0	11000
22	57	2 1/4"	4036M57L	104	127	192	32.5	11000
23	58		40M58L	104	127	192	32.5	11000
24	59	2 5/16"	4037M59L	104	127	192	33.0	11000
25	60		40M60L	104	127	192	33.0	11000
26		2 3/8"	4038L	104	127	192	35.0	11000
27	61		40M61L	104	127	192	35.0	11000
28	62	2 7/16"	4039M62L	104	127	192	35.0	11000
29		2 1/2"	4040L	104	127	192	35.0	11000
30	65	2 9/16"	4041M65L	104	127	192	35.0	11000
31	67	2 5/8"	4042M67L	104	127	192	38.0	11000
32		211/16"	4043L	104	127	192	38.0	11000
33	70	2 3/4"	4044M70L	104	127	192	38.0	11000
34		213/16"	4045L	115	127	192	40.0	11000
35	73	2 7/8"	4046M73L	115	127	192	41.0	11000
36	75	2 15/16"	4047M75L	115	127	192	41.0	11000
37	76	3"	4048M76L	115	127	192	44.0	11000
38	77		40M77L	115	127	192	44.0	11000
39		3 1/16"	4049L	115	127	192	44.0	11000
40		31/8"	4050L	127	127	192	44.0	11000
41	80		40M80L	115	127	192	44.0	11000
42		3 3/16"	4051L	127	127	192	47.0	11000
43		3 1/4"	4052L	127	127	192	47.0	11000
44		3 5/16"	4053L	127	127	192	47.0	11000
45	85		40M85L	127	127	192	47.0	11000
46	86	3 3/8"	4054M86L	127	127	192	49.0	11000
47		3 7/16"	4055L	135	127	192	49.0	12500
48		3 1/2"	4056L	135	127	192	49.0	12500
49	90		40M90L	135	127	192	49.0	12500
50		3 9/16"	4057L	135	127	192	49.0	12500
51		3 5/8"	4058L	135	127	192	49.0	12500
52		311/16"	4059L	140	127	192	49.0	13000
53	95	3 3/4"	4060M95L	140	127	192	49.0	13000
54		3 13/16"	4061L	145	127	198	54.0	14000
55		3 7/8"	4062L	145	127	198	54.0	14000
56	100	3 15/16"	4063M100L	145	127	198	54.0	14000
57			4064L	150	127	198	54.0	15500
58		4 1/16"	4065L	150	127	198	54.0	15500
59	105	4 1/8"	4066M105L	150	127	198	54.0	15500
60		4 3/16"	4067L	155	127	207	62.0	16000
61		4 1/4"	4068L	155	127	207	62.0	16000
62	110	4 5/16"	4069M110L	160	127	207	62.0	17000
63		4 3/8"	4070L	160	127	207	62.0	17000
64		4 7/16"	4071L	165	127	207	62.0	18000
65		4 1/2"	4072L	165	127	207	62.0	18000
66	115		40M115L	165	127	207	62.0	18000
67		4 5/8"	4074L	170	127	215	67.0	19000
68	120		40M120L	170	127	215	67.0	19000

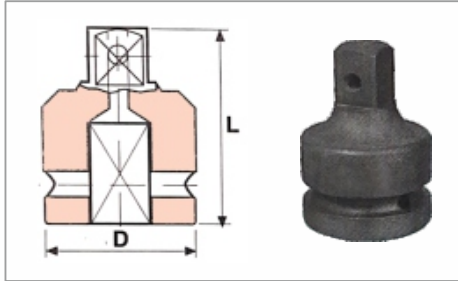
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
69		4 3/4"	4076L	170	127	215	67.0	19000
70		4 7/8"	4078L	170	127	215	67.0	19000
71	125		40M125L	170	127	215	67.0	19000
72		5"	4080L	180	127	223	72.0	20000
73	130	5 1/8"	4082M130L	180	127	223	76.0	20000
74		5 3/16"	4083L	180	127	231	76.0	20000
75		5 1/4"	4084L	190	127	231	76.0	22000
76	135		40M135L	190	127	231	76.0	22000
77		5 3/8"	4086L	190	127	231	76.0	22000
78	140	5 1/2"	4088M140L	190	127	234	79.0	22000
79		5 5/8"	4090L	200	150	240	83.0	26000
80	145		40M145L	200	150	240	83.0	26000
81		5 3/4"	4092L	200	150	240	83.0	26000
82	150	5 7/8"	4094M150L	210	150	248	88.0	30000
83		6"	4096L	210	150	248	88.0	30000
84	155		40M155L	210	150	248	88.0	30000
85		6 1/8"	4098L	210	150	248	88.0	30000
86		6 1/4"	40100L	220	150	252	91.0	33000
87	160		40M160L	220	150	252	91.0	33000
88		6 3/8"	40102L	220	150	252	91.0	33000
89	165	6 1/2"	40104M165L	230	175	260	94.0	38000
90		6 5/8"	40106L	230	175	260	94.0	38000
91	170		40M170L	230	175	260	94.0	38000
92		6 3/4"	40108L	230	175	264	99.0	38000
93	175	6 7/8"	40110M175L	240	175	264	99.0	41000
94		7"	40112L	240	175	272	104.0	41000
95	180		40M180L	240	175	272	104.0	41000
96		7 1/8"	40114L	250	175	272	104.0	45000
97	185	7 1/4"	40116M185L	250	175	272	104.0	45000
98		7 3/8"	40118L	250	175	276	107.0	45000
99	190		40M190L	260	175	276	107.0	50000
100		7 1/2"	40120L	260	175	276	107.0	50000
101	195	7 5/8"	40122M195L	260	175	280	109.0	50000
102		7 3/4"	40124L	270	175	284	112.0	55000
103	200	7 13/16"	40125M200L	270	175	284	112.0	55000
104		7 7/8"	40126L	270	175	284	112.0	55000
105		8"	40128L	270	175	290	115.0	55000
106	205		40 M205L	280	175	290	115.0	55000
107		8 1/8"	40130L	280	175	290	115.0	60000
108	210	8 1/4"	40132M210L	280	175	290	115.0	60000
109		8 3/8"	40134L	290	175	297	120.0	70000
110	215		40M215L	290	175	316	120.0	70000
111		8 1/2"	40136L	290	175	316	122.0	70000
112	220		40 M220L	300	175	316	122.0	75000
113		8 3/4"	40140L	300	175	316	124.0	75000
114	225	8 7/8"	40142M225L	300	175	316	126.0	75000
115		9"	40144L	310	175	316	128.0	80000
116	230		40M230L	310	175	316	128.0	80000
117		9 1/8"	40146L	310	175	316	131.0	80000
118	235		40M235L	310	175	333	131.0	80000
119		9 1/4"	40148L	310	175	333	133.0	80000



6 POINT IMPACT SOCKETS LONG

ADAPTERS

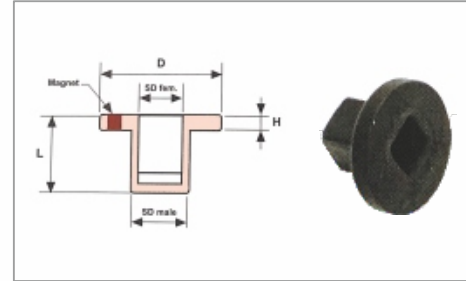
Square Size			Catalogue No.	D mm	L mm	Weight gm
S.No.	Female	Male				
1	2 1/2"	1 1/2"	A4024	127	138	6560
2	2 1/2"	3 1/2"	A4056	127	142	7960



ADAPTERS

INSERT ADAPTERS

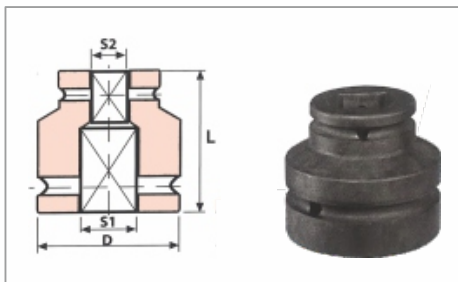
Square Size			Catalogue No.	D mm	L mm	Weight gm
S.No.	Female	Male				
1	1"	1-1/2"	AS1624	84	45	569
2	1-1/2"	2-1/2"	AS2440	137	65	2290



INSERT ADAPTERS

TWO SIDE FEMALE ADAPTERS

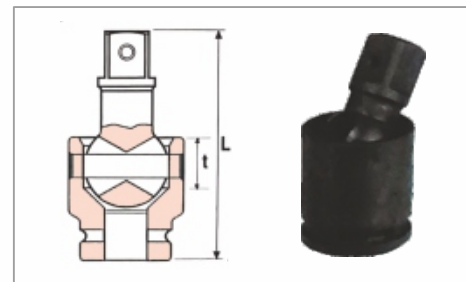
Square Size			Catalogue No.	D mm	L mm	Weight gm
S.No.	S1	S2				
1	2 -1/2"	1-1/2"	AN4024	127	115	6500
2	2 -1/2"	2-1/2"	AN4040	127	117	7400
3	3 -1/2"	2-1/2"	AN5640	175	161	16120



TWO SIDE FEMALE ADAPTERS

UNIVERSAL JOINT

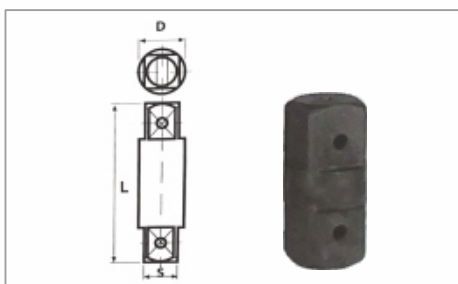
S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	2 1/2"	U4040	127	200	12300



UNIVERSAL JOINT

TWO SIDE MALE ADAPTERS

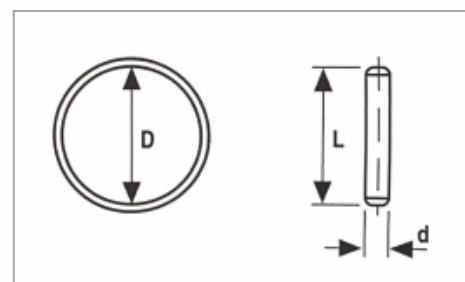
			D mm	L mm	Weight gm
S.No.	Square Size	Catalogue No.			
1	2 1/2"	Z4005	84	127	5000
2	2 1/2"	Z4006	84	152	6000
3	2 1/2"	Z4008	84	203	7500
4	2 1/2"	Z4010	84	254	9500
5	2 1/2"	Z4015	84	381	15000
6	2 1/2"	Z4020	84	508	20500
7	2 1/2"	Z4026	84	660	26500



TWO SIDE MALE ADAPTERS

RETAINING PINS & RING

For Socket			Catalogue No.		Pin		Ring
S.No.	Square Size	Dia. of Square End	Retaining G Pin	Retaining Ring	d mm	L mm	D mm
1	2 1/2"	127	P40127	R40127	8	110	114
2	2 1/2"	150	P40150	R40150	8	133	136
3	2 1/2"	175	P40175	R40175	8	158	162

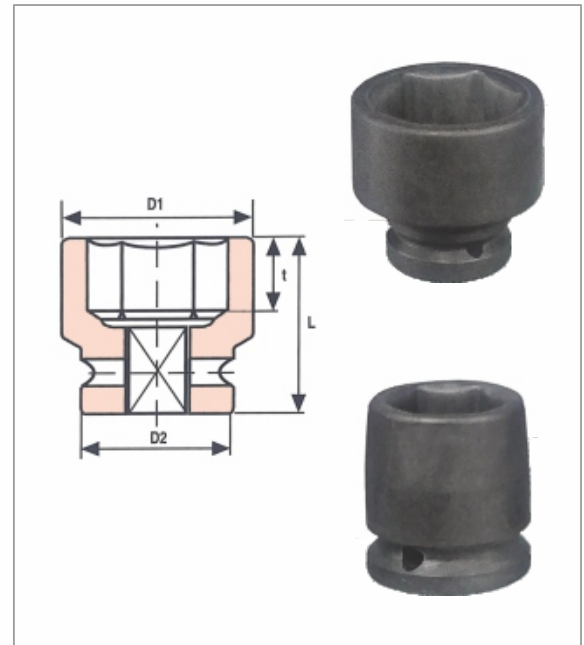


RETAINING PINS & RING

6 POINT IMPACT SOCKETS REGULAR LENGTH



S.No.	Nominal Opening mm	A/F Inch	Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1		3 7/8"	5662	175	175	165	54.0	19200
2	100	3 15/16"	5663M100	175	175	165	54.0	19200
3		4"	5664	175	175	165	54.0	19200
4		4 1/16"	5665	175	175	165	54.0	19200
5	105	4 1/8"	5666M105	175	175	165	54.0	19200
6		4 3/16"	5667	175	175	174	62.0	19200
7		4 1/4"	5668	175	175	174	62.0	19200
8	110	4 5/16"	5669M110	175	175	174	62.0	19200
9		4 3/8"	5670	175	175	174	62.0	19200
10		4 7/16"	5671	175	175	174	62.0	19200
11		4 1/2"	5672	175	175	174	62.0	19200
12	115		56M115	175	175	174	62.0	19200
13		4 5/8"	5674	175	175	182	67.0	20100
14	120		56M120	175	175	182	67.0	20100
15		4 3/4"	5676	175	175	182	67.0	20100
16		4 7/8"	5678	175	175	182	67.0	20100
17	125		56M125	175	175	182	67.0	20100
18		5"	5680	190	175	190	72.0	22200
19	130	5 1/8"	5682M130	190	175	198	76.0	22200
20		5 3/16"	5683	190	175	198	76.0	22200
21		5 1/4"	5684	190	175	198	76.0	22200
22	135	5 5/16"	5685M135	190	175	198	76.0	22200
23		5 3/8"	5686	200	175	198	76.0	23000
24	140	5 1/2"	5688M140	200	175	205	79.0	23000
25		5 5/8"	5690	210	175	212	83.0	33100
26	145		56M145	210	175	212	83.0	33100
27		5 3/4"	5692	210	175	212	83.0	33100
28	150	5 7/8"	5694M150	210	175	212	88.0	33100
29		6"	5696	220-	175	214	88.0	36000
30	155		56M155	220	175	214	88.0	36000
31		6 1/8"	5698	220	175	214	88.0	36000
32		6 1/4"	56100	220	175	218	91.0	36000
33	160		56M160	220	175	218	91.0	36000
34		6 3/8"	56102	230	175	218	91.0	40000
35	165	6 1/2"	56104M165	230	175	230	94.0	40000
36		6 5/8"	56106	240	175	230	94.0	46000
37	170		56M170	240	175	230	94.0	46000
38		6 3/4"	56108	240	175	230	99.0	46000
39	175	6 7/8"	56110M175	250	175	230	99.0	52000
40		7"	56112	250	175	237	104.0	52000
41	180		56M180	250	175	237	104.0	52000
42		7 1/8"	56114	250	175	237	104.0	52000
43	185	7 1/4"	56116M185	260	175	237	104.0	59000
44		7 3/8"	56118	260	175	242	107.0	59000
45	190		56M190	260	175	242	107.0	59000
46		7 1/2"	56120	260	175	242	107.0	59000
47	195	7 5/8"	56122M195	270	175	246	109.0	62000
48		7 3/4"	56124	270	175	249	112.0	62000
49	200	7 13/16"	56125M200	280	175	249	112.0	70000
50		7 7/8"	56126	280	175	249	112.0	70000
51		8"	56128	280	175	256	115.0	70000
52	205		56 M205	290	175	256	115.0	72000
53		8 1/8"	56130	290	175	256	115.0	74000
54	210	8 1/4"	56132M210	290	175	256	115.0	74000
55		8 3/8"	56134	290	175	263	120.0	74000
56	215		56M215	300	175	263	120.0	81000
57		8 1/2"	56136	300	175	267	122.0	81000
58	220		56M220	300	175	270	124.0	81000
59	225	8 7/8"	56142M225	310	175	273	126.0	90000
60		9"	56144	310	175	276	128.0	90000
61	230		56M230	310	175	276	128.0	90000
62		9 1/8"	56146	320	175	279	131.0	96000
63	235		56M235	320	175	279	131.0	96000
64		9 1/4"	56148	320	175	285	133.0	96000
65		10 1/4"	56164	340	175	330	145.0	128000

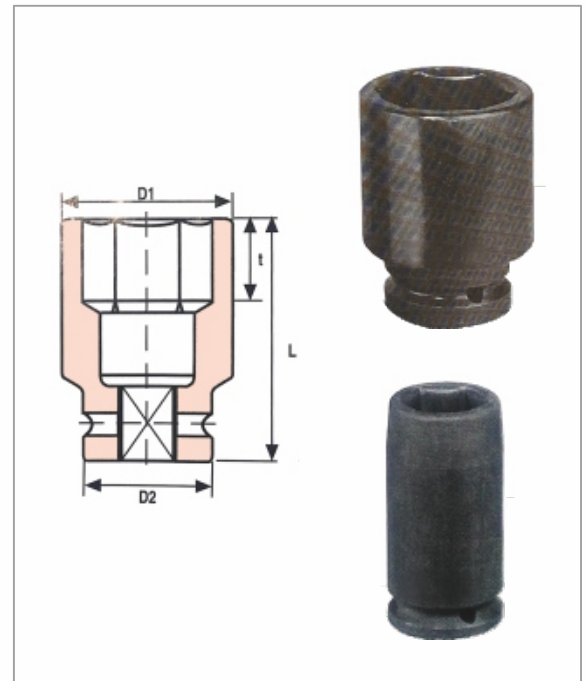


6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG



S.No.	Nominal Opening	Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
1	3 7/8"	5662L	175	175	277	54.0	32000
2	100 3 15/16"	5663M100L	175	175	277	54.0	32000
3	4"	5664L	175	175	277	54.0	32000
4	4 1/16"	5665L	175	175	277	54.0	32000
5	105 4 1/8"	5666M105L	175	175	277	54.0	32000
6	4 3/16"	5667L	175	175	277	62.0	32000
7	4 1/4"	5668L	175	175	277	62.0	32000
8	110 4 5/16"	5669M110L	175	175	277	62.0	32000
9	4 3/8"	5670L	175	175	277	62.0	32000
10	4 7/16"	5671 L	175	175	277	62.0	32000
11	4 1/2"	5672L	175	175	277	62.0	32000
12	115 5"	56M115L	175	175	277	62.0	32000
13	4 5/8"	5674L	175	175	277	67.0	32000
14	120 5 1/8"	56M120L	175	175	277	67.0	32000
15	4 3/4"	5676L	175	175	277	67.0	32000
16	4 7/8"	5678L	175	175	277	67.0	32000
17	125 5"	56M125L	175	175	277	67.0	32000
18	5"	5680L	190	175	277	72.0	35000
19	130 5 1/8"	5682M130L	190	175	280	76.0	35000
20	5 3/16"	5683L	190	175	280	76.0	35000
21	5 1/4"	5684L	190	175	280	76.0	35000
22	135 5 5/16"	5685M135L	190	175	280	76.0	35000
23	5 3/8"	5686L	200	175	280	76.0	40000
24	140 5 1/2"	5688M140L	200	175	288	79.0	40000
25	5 5/8"	5690L	210	175	295	83.0	45600
26	145 5 3/4"	56M145L	210	175	295	83.0	45600
27	5 3/4"	5692L	210	175	295	83.0	45600
28	150 5 7/8"	5694M150L	210	175	295	88.0	45600
29	6"	5696L	220	175	297	88.0	50200
30	155 6"	56M 155L	220	175	297	88.0	50200
31	6 1/8"	5698L	220	175	297	88.0	50200
32	6 1/4"	56100L	220	175	301	91.0	50200
33	160 6 3/8"	56M160L	220	175	301	91.0	50200
34	6 3/8"	56102L	230	175	301	91.0	56000
35	165 6 1/2"	56104M165L	230	175	313	94.0	56000
36	6 5/8"	56106L	240	175	313	94.0	62000
37	170 6 3/4"	56M170L	240	175	313	94.0	62000
38	6 3/4"	56108L	240	175	313	99.0	62000
39	175 6 7/8"	56110M175L	250	175	313	99.0	70000
40	7"	56112L	250	175	320	104.0	70000
41	180 7 1/8"	56M180L	250	175	320	104.0	70000
42	7 1/8"	56114L	250	175	320	104.0	70000
43	185 7 1/4"	56116M185L	260	175	320	104.0	75000
44	7 3/8"	56118L	260	175	324	107.0	75000
45	190 7 1/2"	56M190L	260	175	324	107.0	75000
46	7 1/2"	56120L	260	175	324	107.0	75000
47	195 7 3/4"	56122M195L	270	175	328	109.0	82000
48	7 3/4"	56124L	270	175	332	112.0	82000
49	200 7 13/16"	56125M200L	280	175	332	112.0	89000
50	7 7/8"	56126L	280	175	332	112.0	89000
51	8"	56128L	280	175	339	115.0	89000
52	205 8 1/8"	56 M205L	290	175	339	115.0	93000
53	8 1/8"	56130L	290	175	339	115.0	96000
54	210 8 1/4"	56132M210L	290	175	339	115.0	96000
55	8 3/8"	56134L	290	175	346	120.0	96000
56	215 8 1/2"	56M215L	300	175	346	120.0	107000
57	8 1/2"	56136L	300	175	350	122.0	107000
58	220 8 3/4"	56M220L	300	175	354	124.0	107000
59	8 3/4"	56140L	300	175	354	124.0	107000
60	225 8 7/8"	56142M225L	310	175	357	126.0	116000
61	9"	56144L	310	175	359	128.0	116000
62	230 9 1/8"	56M230L	310	175	359	128.0	116000
63	9 1/8"	56146L	320	175	362	131.0	125000
64	235 9 1/4"	56M235L	320	175	362	131.0	125000
65	9 1/4"	56148L	320	175	370	133.0	125000
66	10 1/4"	56164L	340	175	413	145.0	160000

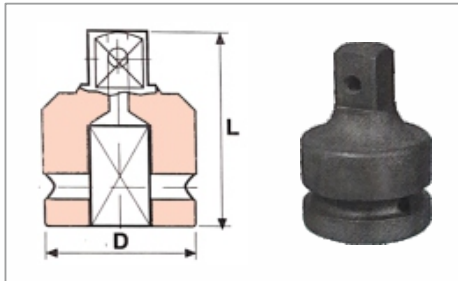


6 POINT IMPACT SOCKETS LONG

ADAPTERS



S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	3 1/2"	2 1/2"	A5640	175	183	15740

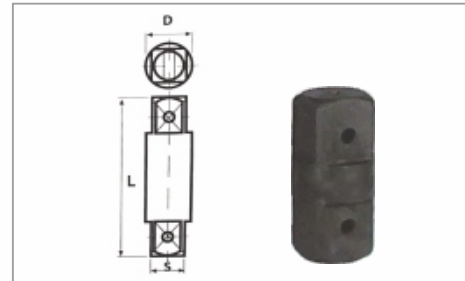


ADAPTERS

TWO SIDE MALE ADAPTERS



S.No.	Square Size	Catalogue No.	D mm	L mm	Weight gm
1	3 1/2"	Z5610	119	254	23000
2	3 1/2"	Z5620	119	508	44000
3	3 1/2"	Z5640	119	1016	88000

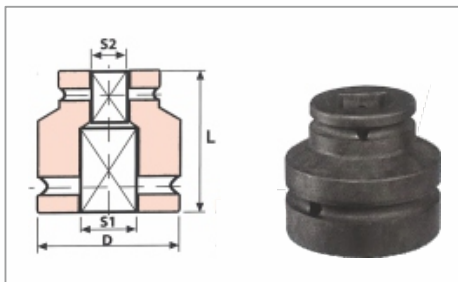


TWO SIDE MALE ADAPTERS

TWO SIDE FEMALE ADAPTERS



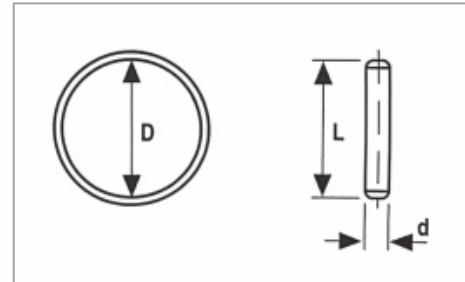
S.No.	Square Size		Catalogue No.	D mm	L mm	Weight gm
	S1	S2				
1	3 1/2"	2 1/2"	AN5640	175	161	16120
2	3 1/2"	3 1/2"	AN5656	175	167	19400



TWO SIDE FEMALE ADAPTERS

RETAINING PINS & RING

S.No.	For Socket		Catalogue No.		Pin		Ring
	Square Size	Dia. of Square End	Retaining G Pin	Retaining Ring	d mm	L mm	D mm
1	3 1/2"	175	P56175	R56175	10	160	160

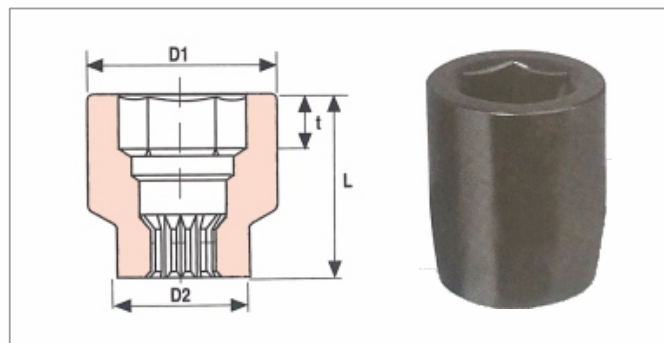


RETAINING PINS & RING

6 POINT IMPACT SOCKETS REGULAR LENGTH

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	19	3/4"	9512M19	48	60	70	9.5	840
2	20		95M20	48	60	70	10.0	840
3		13/16"	9513	48	60	70	11.0	840
4	21		95M21	48	60	70	11.0	840
5	22		95M22	48	60	70	11.0	840
6		7/8"	9514	48	60	70	13.0	840
7	23		95M23	48	60	70	13.0	840
8		15/16"	9515	48	60	70	13.0	840
9	24		95M24	49	60	70	13.0	840
10	25		95M25	49	60	70	13.0	840
11		1"	9516	49	60	70	13.0	840
12	26		95M26	51	60	70	13.0	840
13	27	11/16"	9517M27	51	60	70	13.0	840
14	28		95M28	51	60	70	14.0	840
15		1 1/8"	9518	51	60	70	16.5	840
16	29		95M29	54	60	70	16.5	840
17	30	1 3/16"	9519M30	54	60	70	16.5	840
18	31		95M31	60	60	75	16.5	950
19		1 1/4"	9520	60	60	75	17.0	950
20	32		95M32	60	60	75	17.0	950
21	33		95M33	60	60	75	17.0	950
22		1 5/16"	9521	60	60	77	19.0	1050
23	34		95M34	60	60	77	19.0	1050
24	35	13/8"	9522M35	60	60	77	19.0	1050
25	36		95M36	63	60	77	19.0	1050
26		1 7/16"	9523	63	60	77	19.0	1050
27	37		95M37	63	60	77	19.0	1050
28	38	1 1/2"	9524M38	63	60	80	22.0	1050
29	39		95M39	67	60	80	22.0	1200
30		19/16"	9525	67	60	80	22.0	1200
31	40		95M40	67	60	80	22.0	1200
32	41	15/8"	9526M41	67	60	80	22.0	1200
33	42		95M42	67	60	80	22.0	1200
34	43	1 11/16"	9527M43	67	60	84	25.0	1200
35	44		95M44	73	60	84	25.0	1450

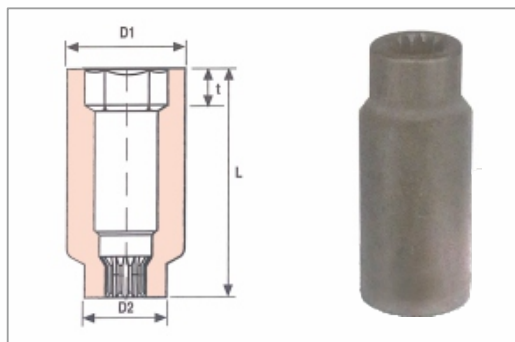
S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
36		13/4"	9528	73	60	84	25.5	1450
37	45		95M45	73	60	84	25.5	1450
38	46	113/16"	9529M46	73	60	84	25.5	1450
39	47		95M47	73	60	84	25.5	1450
40		17/8"	9530	73	60	88	27.0	1450
41	48		95M48	73	60	88	27.0	1450
42	49	1 15/16"	9531M49	73	60	88	27.0	1450
43	50		95M50	82	60	88	27.0	1900
44	51	2"	9532M51	82	60	88	27.0	1900
45	52		95M52	82	60	88	27.0	1900
46		2 1/16"	9533	82	60	93	30.0	1900
47	54	21/8"	9534M54	82	60	93	30.0	1900
48	55		95M55	82	60	93	30.0	1900
49		2 3/16"	9535	82	60	96	32.0	1900
50	56		95M56	88	86	96	32.0	2800
51	57	21/4"	9536M57	88	86	96	33.0	2800
52	58		95M58	88	86	96	33.0	2800
53	59	2 5/16"	9537M59	88	86	96	33.0	2800
54	60		95M60	88	86	96	33.0	2800
55		2 3/8"	9538	88	86	98	35.0	2800
56	61		95M61	88	86	98	35.0	2800
57	62	2 7/16"	9539M62	88	86	100	35.0	2800
58		21/2"	9540	100	86	100	35.0	3600
59	65	2 9/16"	9541 M65	100	86	100	35.0	3600
60	67	2 5/8"	9542M67	100	86	102	38.0	3600
61		2 11/16"	9543	100	86	102	38.0	3600
62	70	2 3/4"	9544M70	100	86	102	38.0	3600
63		2 13/16"	9545	105	86	108	40.0	4100
64	73	2 7/8"	9546M73	105	86	108	41.0	4100
65	75	2 5/16"	9547M75	105	86	108	41.0	4100
66	76	3"	9548M76	109	86	114	44.0	4400
67	77		95M77	109	86	114	44.0	4400
68		31/16"	9549	109	86	114	44.0	4400
69		3 1/8"	9550	109	86	114	44.0	4400
70	80		95M80	115	86	114	44.0	4500



6 POINT IMPACT SOCKETS REGULAR LENGTH

6 POINT IMPACT SOCKETS LONG ○

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
1	19	3/4"	9512M19L	48	60	160	9.5	2340
2	20		95M20L	48	60	160	10.0	2340
3		13/16"	9513L	48	60	160	11.0	2340
4	21		95M21L	48	60	160	11.0	2340
5	22		95M22L	48	60	160	11.0	2340
6		7/8"	9514L	48	60	160	13.0	2340
7	23		95M23L	48	60	160	13.0	2340
8		15/16"	9515L	48	60	160	13.0	2340
9	24		95M24L	49	60	160	13.0	2340
10	25		95M25L	49	60	160	13.0	2340
11		1"	9516L	49	60	160	13.0	2340
12	26		95M26L	51	60	160	13.0	2340
13	27	1 1/16"	9517M27L	51	60	160	13.0	2340
14	28		95M28L	51	60	160	14.0	2340
15		1 1/8"	9518L	51	60	160	16.5	2340
16	29		95M29L	54	60	160	16.5	2340
17	30	1 3/16"	9519M30L	54	60	160	16.5	2340
18	31		95M31L	60	60	160	17.0	2340
19		1 1/4"	9520L	60	60	160	17.0	2340
20	32		95M32L	60	60	160	17.0	2340
21	33		95M33L	60	60	160	17.0	2340
22		1 5/16"	9521L	60	60	160	19.0	2340
23	34		95M34L	60	60	160	19.0	2340
24	35	1 3/8"	9522M35L	60	60	160	19.0	2340
25	36		95M36L	63	60	160	19.0	2500
26		17/16"	9523L	63	60	160	19.0	2500
27	37		95M37L	63	60	160	19.0	2500
28	38	1 1/2"	9524M38L	63	60	160	22.0	2500
29	39		95M39L	67	60	160	22.0	2700
30		1 9/16"	9525L	67	60	160	22.0	2700
31	40		95M40L	67	60	160	22.0	2700
32	41	1 5/8"	9526M41L	67	60	160	22.0	2700
33	42		95M42L	67	60	160	22.0	2700
34	43	1 11/16"	9527M43L	67	60	160	25.0	2700
35	44		95M44L	73	60	160	25.0	3000

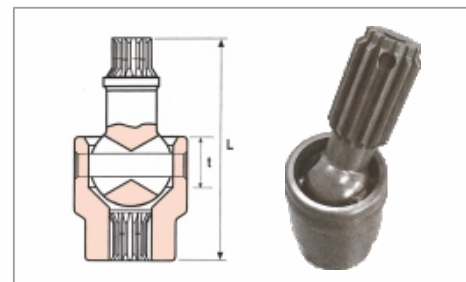


6 POINT IMPACT SOCKETS LONG

S.No.	Nominal Opening		Catalogue No.	D1 mm	D2 mm	L mm	t min mm	Weight gm
	mm	A/F Inch						
36		1 3/4"	9528L	73	60	160	25.5	3000
37	45		95M45L	73	60	160	25.5	3000
38	46	1 13/16"	9529M46L	73	60	160	25.5	3000
39	47		95M47L	73	60	160	27.0	3000
40		1 7/8"	9530L	73	60	160	27.0	3000
41	48		95M48L	73	60	160	27.0	3000
42	49	1 15/16"	9531M49L	73	60	160	27.0	3000
43	50		95M50L	82	60	160	27.0	3700
44	51	2"	9532M51L	82	60	160	27.0	3700
45	52		95M52L	82	60	160	27.0	3700
46		2 1/16"	9533L	82	60	160	30.0	3700
47	54	2 1/8"	9534M54L	82	60	160	30.0	3700
48	55		95M55L	82	60	160	30.0	3700
49		2 3/16"	9535L	82	60	160	32.0	3700
50	56		95M56L	88	86	160	32.0	4800
51	57	2 1/4"	9536M57L	88	86	160	33.0	4800
52	58		95M58L	88	86	160	33.0	4800
53	59	2 5/16"	9537M59L	88	86	160	33.0	4800
54	60		95M60L	88	86	160	33.0	4800
55		2 3/8"	9538L	88	86	160	35.0	4800
56	61		95M62L	88	86	160	35.0	4800
57	62		9539M62L	88	86	160	35.0	4800
58		2 1/2"	9540L	100	86	160	35.0	6100
59	65	2 9/16"	9541M65L	100	86	160	35.0	6100
60	67	2 5/8"	9542M67L	100	86	160	38.0	6100
61		2 11/16"	9543L	100	86	160	38.0	6100
62	70	2 3/4"	9544M70L	100	86	160	38.0	6100
63		2 13/16"	9545L	105	86	160	40.0	6600
64	73	2 7/8"	9546M73L	105	86	160	41.0	6600
65	75	2 15/16"	9547M75L	105	86	160	41.0	6600
66	76	3	9548M76L	109	86	162	44.0	7000
67	77		95M77L	109	86	162	44.0	7000
68		3 1/16"	9549L	109	86	162	44.0	7000
69		3 1/8"	9550L	109	86	162	44.0	7000
70	80		95M80L	115	86	162	44.0	7500

UNIVERSAL JOINT ○

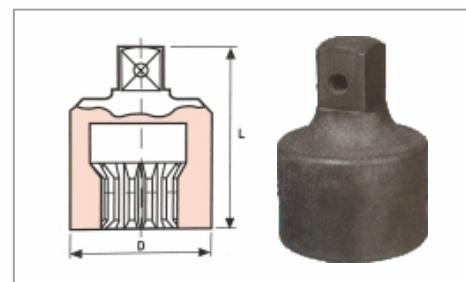
S.No.	Drive Size	Catalogue No.	D mm	L mm	Weight gm
1	Spline No.5	U9595	67	180	2300



UNIVERSAL JOINT

ADAPTERS ○

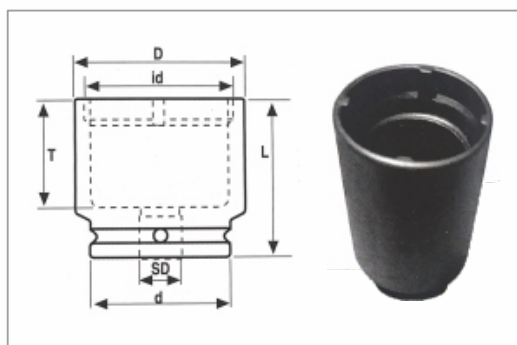
S.No.	Drive Size		Catalogue No.	D mm	L mm	Weight gm
	Female	Male				
1	Spline No.5	1"	A9516	60	90	940
2	Spline No.5	1 1/2"	A9524	60	100	1250



ADAPTERS

SOCKETS FOR BALL BEARING NUTS 4 TEETH

S.No.	Catalogue No.	SD	D mm	d mm	L mm	T mm	id mm	Weight gm
1	KM 0	3/8"	22	19	57	44	18.1	90
2	KM 1	3/8"	30	19	57	44	22.2	110
3	KM 2	1/2"	32	30	82	60	25.5	290
4	KM 3	1/2"	35	30	82	60	28.2	336
5	KM 4	1/2"	38	30	82	60	32.2	389
6	KM 5	1/2"	44	35	82	60	38.2	500
7	KM 6	1/2"	52	35	82	60	45.2	654
8	KM 7	1/2"	60	38	82	60	52.2	849
9	KM 8	1/2"	67	38	82	60	58.3	1021
10	KM 9	3/4"	73	44	90	62	65.4	1231
11	KM 10	3/4"	78	44	90	62	70.4	1300
12	KM 11	3/4"	82	54	90	62	75.4	1500
13	KM 12	3/4"	88	54	90	62	80.4	1620
14	KM 13	3/4"	96	60	90	62	85.4	2000
15	KM 14	1"	103	86	110	74	92.5	3490
16	KM 15	1"	109	86	110	74	98.5	3680
17	KM 16	1"	115	86	110	74	105.6	3810
18	KM 17	1"	121	86	110	74	110.6	3970
19	KM 18	1"	130	86	110	74	120.3	4450
20	KM 19	1"	135	86	110	74	125.6	4540
21	KM 20	1"	145	86	110	74	130.6	5150



SOCKETS FOR BALL BEARING NUTS 4 TEETH

SOCKETS FOR AXIAL NUTS

(SOCKETS FOR BALL BEARING NUTS)

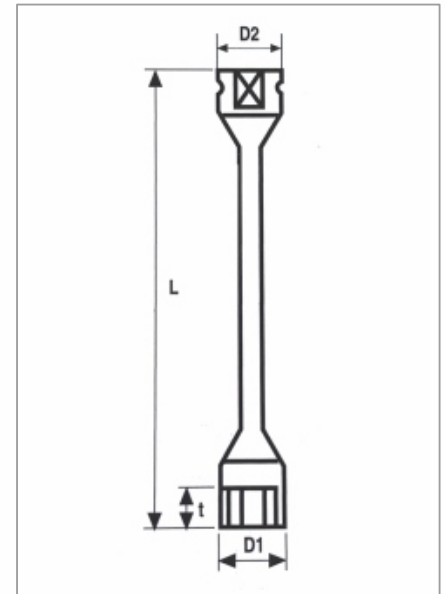
S.No.	Catalogue No.	SD	D mm	d mm	L mm	T mm	id mm	No. of Teeth	Weight gm
1	GU0	3/8"	22	19	57	44	18.1	4	90
2	GU1	3/8"	30	19	57	44	22.2	4	110
3	GU2	1/2"	32	30	82	60	25.5	4	290
4	GU3	1/2"	35	30	82	60	28.2	4	336
5	GU4	1/2"	38	30	82	60	32.2	4	389
6	GU5	1/2"	44	35	82	60	38.2	4	500
7	GU6	1/2"	52	35	82	60	45.2	4	654
8	GU7	1/2"	60	38	82	60	52.2	4	849
9	GU8	1/2"	67	38	82	60	58.3	4	1021
10	GU9	3/4"	73	44	90	62	65.4	4	1231
11	GU10	3/4"	78	44	90	62	70.4	4	1300
12	GU11	3/4"	82	54	90	62	75.4	6	1500
13	GU12	3/4"	88	54	90	62	80.4	6	1620
14	GU13	3/4"	96	60	90	62	85.4	6	2000
15	GU14	1"	103	86	110	74	92.5	6	3490
16	GU15	1"	109	86	110	74	98.5	6	3680
17	GU16	1"	115	86	110	74	105.6	8	3810
18	GU17	1"	121	86	110	74	110.6	8	3970
19	GU18	1"	130	86	110	74	120.3	8	4450
20	GU19	1"	135	86	110	74	125.6	8	4540
21	GU20	1"	145	86	110	74	130.6	8	5150

TORSION BARS

1/2" SQUARE DRIVE TORSION BARS



S.No.	Nominal Opening		Catalogue No.	Colour	D1 mm	D2 mm	L mm	t min mm	Torque Nm	Weight gm
	mm	A/F Inch								
1	17		08M17075	BROWN	26	30	205	24	75	290
2	17		08M17Q95	GREEN	26	30	205	24	95	300
3	17		08M17Q110	CREAM	26	30	205	24	110	320
4	19	3/4"	08M19Q75	BLUE	28	30	205	24	75	290
5	19	3/4"	08M19Q90	YELLOW	28	30	205	24	90	300
6	19	3/4"	08M19Q110	LIGHTBLUE	28	30	205	24	110	330
7	19	3/4"	08M19Q135	RED	28	30	205	24	135	360
8	21		08M21Q80	BLACK	30	30	205	24	80	290
9	21		08M21Q110	WHITE	30	30	205	24	110	330



TORSION BARS

TORSION BARS

1" SQUARE DRIVE TORSION BARS



S.No.	Nominal Opening		Catalogue No.	Colour	D1 mm	D2 mm	L mm	t min mm	Torque Nm	Weight gm
	mm	A/F Inch								
1	24		16M24Q300	BROWN	42	54	305	28	300	1100
2	27	1 1/16"	16M27Q350	GREEN	46	54	305	28	350	1150
3	27	1 1/16"	16M27Q450	CREAM	46	54	305	28	450	1200
4	30	1 3/16"	16M30Q450	BLUE	50	54	305	28	450	1250
5	30	1 3/16"	16M30Q550	YELLOW	50	54	305	28	550	1300
6	32		16M32Q500	LIGHT BLUE	51	54	305	28	500	1300
7	32		16M32Q600	RED	51	54	305	28	600	1350
8	32		16M32Q700	BLACK	51	54	305	28	700	1400
9	33		16M33Q500	WHITE	54	54	305	28	500	1400
10	33		16M33Q600	BROWN	54	54	305	28	600	1450
11	33		16M33Q650	GREEN	54	54	305	28	650	1500
12	38	1 1/2"	16M38Q500	CREAM	60	54	305	28	500	1500

TORSION BAR SETS

SETS

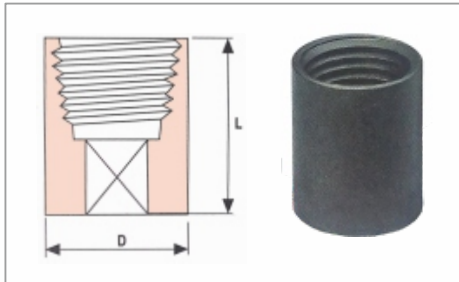
Set Nine Pars	Set Five Pars	Set Five Pars
SET-014	SET-015	SET-016
08M170075	08M170075	08M170095
08M170095	08M170095	08M170110
08M170110	08M19Q075	08M19Q090
08M19Q075	08M19Q090	08M19Q110
08M19Q090	08M21Q080	08M21Q110
08M190110		
08M19Q135		
08M210110		



LUG NUTS

LUG NUTS SOCKETS

S.No.	Nominal Opening	Catalogue No.	D mm	L mm	Weight gm
	mm				
1	17	LU08M17	24	38	90
2	18.5	LU08M18	25	38	90
3	20	LU08M20	26	38	95
4	21.5	LU08M21	28.5	38	105
5	23	LU08M23	30	38	120
6	24.5	LU08M24	31	38	140
7	26	LU08M26	32	38	150



LUG NUTS SOCKETS

SET 25

Nominal Opening	
mm	Catalogue No.
17.00	LU08M17
18.50	LU08M18
21.50	LU08M21
26.00	LU08M26

SET 26

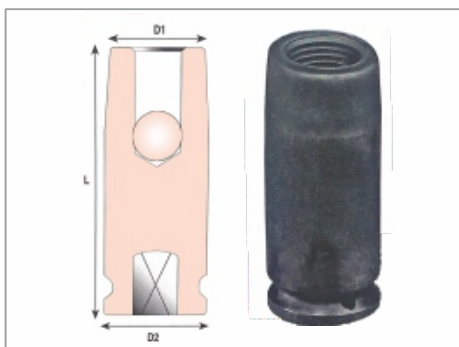
Nominal Opening	
mm	Catalogue No.
17.00	LU08M17
18.50	LU08M18
20.00	LU08M20
21.50	LU08M21
23.00	LU08M23
24.50	LU08M24
26.00	LU08M26



STUD REMOVERS AND INSTALLERS

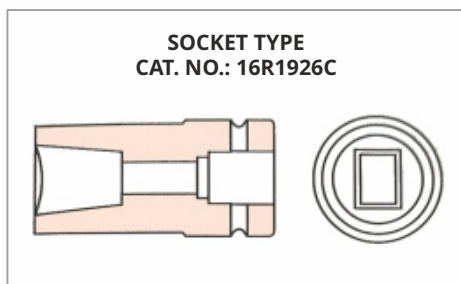
STUD BOLT

S.No.	Drive	S	Catalogue No.	D1 mm	D2 mm	L mm	Weight gm
1	3/8"	M5 X P 0.8	STO6M05	12.0	19	50	70
2	3/8"	M6 X P 1.0	STO6M06	12.5	19	50	70
3	3/8"	M8 X P 1.25	STO6M08	14.5	19	50	70
4	1/2"	M8 X P 1.25	STO8M08 X 1.25	15.0	25	75	135
5	1/2"	M10 X P 1.25	STO8M10 X 1.25	18.0	25	75	135
6	1/2"	M12 X P 1.25	STO8M12 X 1.25	21.0	25	75	140
7	1/2"	M12 X P 1.75	STO8M12 X 1.75	19.0	25	75	140
8	1/2"	M14 X P 1.5	STO8M14 X 1.5	23.0	25	75	150
9	1/2"	M14 X P 2.0	STO8M14 X 2.0	22.0	25	75	150
10	1/2"	M16 X P 2.0	STO8M16 X 2.0	27.0	30	75	240



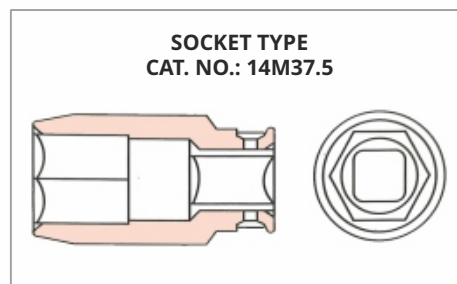
STUD BOLT

SPECIAL RAILWAY SOCKET



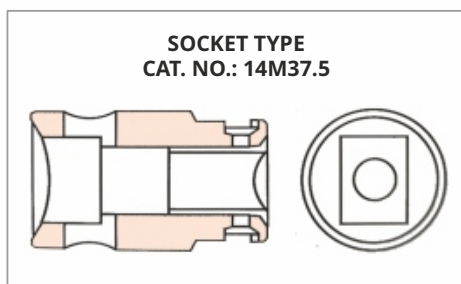
19X26 mm RECTANGULAR CONIC

SPECIAL RAILWAY SOCKET



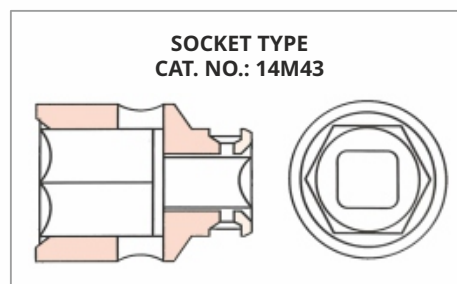
37.8 mm HEXAGON

SPECIAL RAILWAY SOCKET



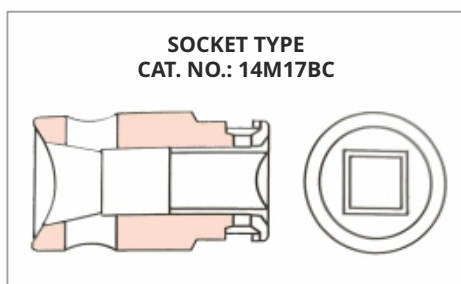
22X30 mm RECTANGULAR

SPECIAL RAILWAY SOCKET



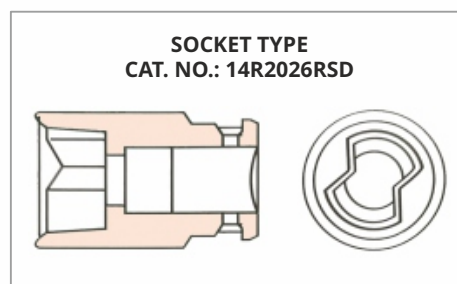
43 mm HEXAGON

SPECIAL RAILWAY SOCKET



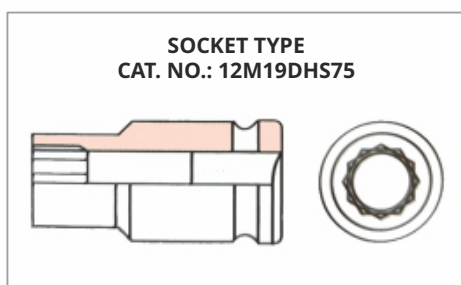
22X30 mm CONIC SQUARE

SPECIAL RAILWAY SOCKET



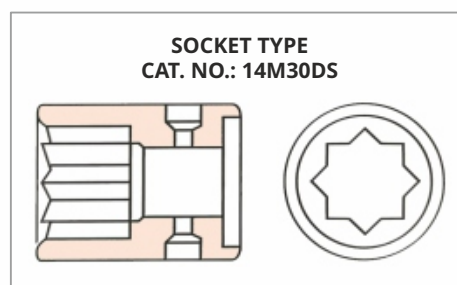
20X26 mm RECTANGULAR CONIC SURFACE DRIVE

SPECIAL TRUCK SOCKET



19 mm DOUBLE HEXAGON

SPECIAL RAILWAY SOCKET

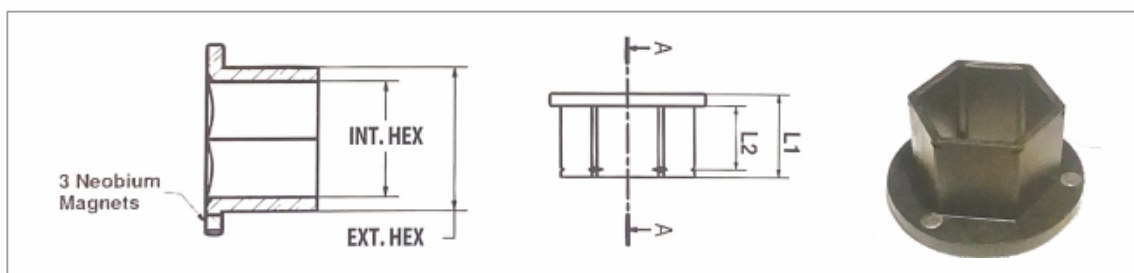


30 mm DOUBLE SQUARE

METRIC



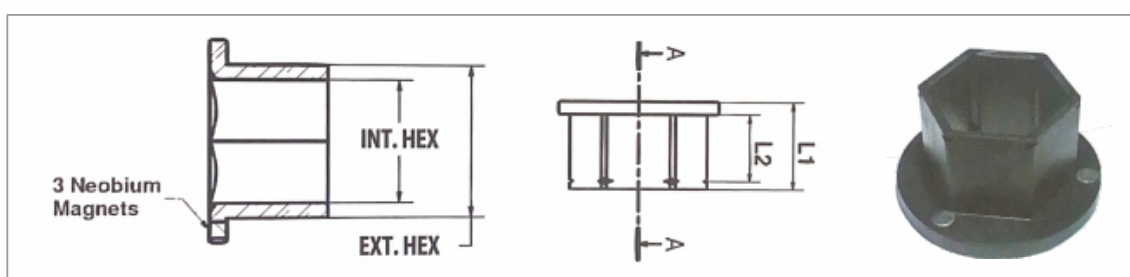
S. No.	Ext. Hex mm	Int. Hex mm	Catalogue No.	L1 mm	L2 mm	Catalogue No.	L1 mm	L2 mm	Catalogue No.	L1 mm	L2 mm	Catalogue No.	L1 mm	L2 mm
1	41	36	RM413645	45	33	RM413655	55	42						
2	41	32	RM413245	45	33									
3	41	30	RM413045	45	33									
4	46	41	RM464145	45	33									
5	46	36	RM463646	45	33									
6	46	32	RM413645	45	33									
7	50	46	RM504645	45	33	RM504655	55	42						
8	50	41	RM504146	45	33	RM504155	55	42						
9	50	36	RM503645	45	33	RM503655	55	42						
10	55	50	RM555045	45	33	RM555055	55	42	RM555070	70	55			
11	55	46	RM554645	45	33	RM554655	55	42	RM554670	70	55			
12	55	41	RM554145	45	33	RM554155	55	42	RM554170	70	55			
13	60	55	RM605545	45	33	RM605555	55	42	RM605570	70	55			
14	60	50	RM605045	45	33	RM605055	55	42	RM605070	70	55			
15	60	46	RM604645	45	33	RM604655	55	42	RM604670	70	55			
16	65	60				RM656055	55	42	RM656070	70	55			
17	65	55				RM655555	55	42	RM655570	70	55			
18	65	50				RM655055	55	42	RM655070	70	55			
19	70	65				RM706555	55	42	RM706570	70	55			
20	70	60				RM706055	55	42	RM706070	70	55			
21	70	55				RM705555	55	42	RM705570	70	55			
22	75	70				RM757055	55	42	RM757070	70	55			
23	75	65				RM756555	55	42	RM756570	70	55			
24	75	60				RM756055	55	42	RM756070	70	55			
25	80	75				RM807555	55	42	RM807570	70	55	RM807585	85	67
26	80	70				RM807055	55	42	RM807070	70	55	RM807085	85	67
27	80	65				RM806555	55	42	RM806570	70	55	RM806585	85	67
28	85	80							RM858070	70	55	RM858085	85	67
29	85	75							RM857570	70	55	RM857585	85	67
30	85	70							RM857070	70	55	RM857085	85	67
31	90	85							RM908570	70	55	RM908585	85	67
32	90	80							RM908070	70	55	RM908085	85	67
33	90	75							RM907570	70	55	RM907585	85	67
34	95	70							RM957070	70	55	RM959085	85	67
35	95	85							RM958570	70	55	RM958585	85	67
36	95	80							RM958070	70	55	RM958085	85	67
37	100	95							RM1009570	70	55	RM1009585	85	67
38	100	90							RM1009070	70	55	RM1009085	85	67
39	100	85							RM1008570	70	55	RM1008585	85	67
40	105	100										RM10510085	85	67
41	105	95										RM1059585	85	67
42	105	90										RM1059085	85	67
43	110	105										RM11010585	85	67
44	110	100										RM11010085	85	67
45	110	95										RM1109585	85	67
46	115	110										RM11511085	85	67
47	115	105										RM11510585	85	67
48	115	100										RM11510085	85	67
49	120	115										RM12011585	85	67
50	120	110										RM12011085	85	67
51	120	105										RM12010585	85	67
52	125	120										RM12512085	85	67
53	125	115										RM12511585	85	67
54	125	110										RM12511085	85	67
55	130	125										RM13012585	85	67
56	130	120										RM13012085	85	67
57	130	115										RM13011585	85	67



FRACTIONAL



S. No.	Ext. Hex Inch	Int. Hex Inch	Catalogue No.	L1 mm	L2 mm	Catalogue No.	L1 mm	L2 mm	Catalogue No.	L1 mm	L2 mm	Catalogue No.	L1 mm	L2 mm
1	1 7/16"	1 1/4"	R232045	45	33									
2	1 5/8"	1 7/16"	8262345	45	33									
3	1 5/8"	1 1/4"	R262045	45	33									
4	1 13/16"	1 5/8"	R292645	45	33	R292655	55	42						
5	1 13/16"	17/16"	R292345	45	33	R292345	55	42						
6	2"	1 13/16"	R322945	45	33	R322955	55	42						
7	2"	1518"	R322645	45	33	R322655	55	42						
8	2 3/16"	2"	R353245	45	33	R353255	55	42	R353270	70	55			
9	2 3/16"	1 13/16"	R352945	45	33	R352955	55	42	R352970	70	55			
10	2 3/8"	2 3/16"	R383545	45	33	R383555	55	42	R383570	70	55			
11	2 3/8"	2"	R383245	45	33	R383255	55	42	R383270	70	55			
12	2 9/16"	2 3/8"				R413855	55	42	R413870	70	55			
13	2 9/16"	2 3/16"				R413555	55	42	R413570	70	55			
14	2 3/4"	2 9/16"				R444155	55	42	R444170	70	55			
15	2 3/4"	2 3/8"				R443855	55	42	R443870	70	55			
16	2 15/16"	2 3/4"				R474455	55	42	R474470	70	55			
17	2 15/16"	2 9/16"				R474155	55	42	R474170	70	55			
18	3"	2 3/4"				R484455	55	42	R484470	70	55			
19	3"	2 9/16"				R484155	55	42	R484170	70	55			
20	3 1/8"	2 15/16"				R504755	55	42	R504770	70	55	R504785	85	67
21	3 1/8"	2 3/4"				R504455	55	42	R504470	70	55	R504485	85	67
22	3 1/4"	2 3/4"							R524870	70	55	R545085	85	67
23	3 3/8"	3"							R544770	70	55	R544885	85	67
24	3 3/8"	2 15/16"							R565070	70	55	R565085	85	67
25	3 1/2"	3 1/8"							R564870	70	55	R565085	85	67
26	3 1/2"	3"							R605670	70	55	R564885	85	67
27	3 3/4"	3 1/2"							R605470	70	55	R605670	85	67
28	3 3/4"	3 3/8"							R625670	70	55	R605485	85	67
29	3 7/8"	3 1/2"							R625470	70	55	R625685	85	67
30	3 7/8"	3 3/8"										R625485	85	67
31	4 1/8"	3 7/8"										R666285	85	67
32	4 1/8"	3 3/4"										R666085	85	67
33	4 1/4"	3 7/8"										R686285	85	67
34	4 1/4"	3 3/4"										R866085	85	67
35	4 5/8"	4 1/4"										R746885	85	67
36	4 5/8"	4 1/8"										R746685	85	67
37	5"	4 5/8"										R807485	85	67
38	5"	4 1/4"										R806885	85	67

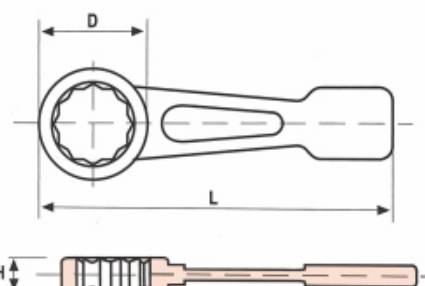


A/F HAMMER WRENCHES, SLOGGING WRENCHES DIN 7444

S.No.	Nominal Opening A/F Inch	WHIT	Catalogue No.	D mm	L mm	H mm	Weight gm
1	5/8"		FSW10	40	140	17	288
2	1 1/16"		FSW11	40	140	17	288
3	3/4"		FSW12	40	140	17	288
4	13/16"		FSW13	40	140	17	288
5	7/8"		FSW14	47	185	17	390
6	15/16"		FSW15	47	185	17	390
7	1"		FSW16	47	185	17	390
8		9/16"W	FSWW09	47	185	17	390
9	1 1/8"		FSW17	47	185	17	390
10		5/8"W	FSWW10	54	190	17	430
11	1 1/8"		FSW18	54	190	17	430
12	1 3/16"		FSW19	54	190	17	430
13		11/16"W	FSWW11	54	190	17	430
14	1 1/4"		FSW20	54	190	17	430
15		3/4"W	FSWW12	54	190	17	430
16	1 5/16"		FSW21	54	190	17	430
17	1 3/8"		FSW22	60	190	17	650
18		13/16"W	FSWW13	60	190	17	650
19	1 7/16"		FSW23	66	215	22	800
20		7/8"W	FSWW14	66	215	22	800
21	1 1/2"		FSW24	66	215	22	800
22	1 9/16"		FSW25	66	215	22	800
23		15/16"W	FSWW15	66	215	22	800
24	1 5/8"		FSW26	66	215	22	800
25		1"W	FSWW16	74	240	23	1000
26	1 11/16"		FSW27	74	240	23	1000
27	1 3/4"		FSW28	74	240	23	1000
28		1 1/16"W	FSWW17	74	240	23	1000
29	1 13/16"		FSW29	74	240	23	1000
30		1 1/8"W	FSWW18	74	240	23	1000
31	1 7/8"		FSW30	74	240	23	1000
32	1 15/16"		FSW31	74	240	23	1000
33	2"		FSW32	86	270	25	1800
34		1 1/4"W	FSWW20	86	270	25	1800
35	2 1/16"		FSW33	86	270	25	1800
36	2 1/8"		FSW34	86	270	25	1800
37	2 3/16"		FSW35	94	270	25	1800
38		13/8"W	FSWW22	94	270	25	1800
39	2 1/4"		FSW36	94	270	25	1800
40	2 5/16"		FSW37	94	270	25	1800
41	2 3/8"		FSW38	102	300	30	2500
42		1 1/2"W	FSWW24	102	300	30	2500
43	2 7/16"		FSW39	102	300	30	2500
44	2 1/2"		FSW40	102	300	30	2500
45	2 9/16"		FSW41	102	300	30	2500
46		1 5/8"W	FSWW26	102	300	30	2500
47	2 5/8"		FSW42	102	300	30	2500
48	2 11/16"		FSW43	102	300	30	2500
49	2 3/4"		FSW44	115	330	33	3400
50		1 3/4"W	FSWW28	115	330	33	3400
51	2 13/16"		FSW45	115	330	33	3400
52	2 7/8"		FSW46	115	330	33	3400
53	2 15/16"		FSW47	115	330	33	3400
54	3"		FSW48	115	330	33	3400
55		17/8"W	FSWW30	115	330	33	3400
56	3 1/16"		FSW49	115	330	33	3400

S.No.	Nominal Opening A/F Inch	WHIT	Catalogue No.	D mm	L mm	H mm	Weight gm
57	31/8"		FSW50	125	360	36	3900
58		2"W	FSWW32	125	360	36	3900
59	3 3/16"		FSW51	125	360	36	3900
60	3 1/4"		FSW52	125	360	36	3900
61	3 5/16"		FSW53	125	360	36	3900
62	3 3/8"	2 1/8"W	FSW54W34	142	390	40	6100
63	3 7/16"		FSW55	142	390	40	6100
64	3 1/2"		FSW56	142	390	40	6100
65		2 1/4"W	FSWW36	142	390	40	6100
66	3 9/16"		FSW57	142	390	40	6100
67	3 5/8"		FSW58	142	390	40	6100
68	3 11/16"		FSW59	142	390	40	6100
69	3 3/4"	2 3/8"W	FSV60W38	142	390	40	6100
70	3 13/16"		FSW61	142	390	40	6100
71	3 7/8"		FSW62	155	420	45	7000
72		2 1/2"W	FSWW40	155	420	45	7000
73	3 15/16"		FSW63	155	420	45	7000
74	4"		FSW64	155	420	45	7000
75	4 1/16"	2 5/8"W	FSW65W42	155	420	45	7000
76	4 1/8"		FSW66	155	420	45	7000
77	4 3/16"	2 3/4"W	FSW67W44	155	420	45	7000
78	4 1/4"		FSW68	170	450	48	9500
79	4 5/16"	2 7/8"W	FSW69W46	170	450	48	9500
80	4 3/8"		FSW70	170	450	48	9500
81	4 7/16"		FSW71	170	450	48	9500
82	4 1/2"		FSW72	170	450	48	9500
83	4 9/16"		FSW73	170	450	48	9500
84		3"W	FSWW48	170	450	48	9500
85	4 5/8"		FSW74	170	450	48	9500
86	4 11/16"		FSW75	185	475	54	10500
87	4 3/4"		FSW76	185	475	54	10500
88	4 13/16"		FSW77	185	475	54	10500
89		3 1/4"W	FSWW52	185	475	54	10500
90	4 7/8"		FSW78	185	475	54	10500
91	4 15/16"		FSW79	185	475	54	10500
92	5"		FSW80	185	475	54	10500
93	5 1/16"		FSW81	185	475	54	10500
94	5 1/8"	3 1/8"W	FSW82W54	202	530	58	13000
95		3 1/2"W	FSWW56	202	530	58	13000
96	5 3/16"		FSW83	202	530	58	13000
97	5 1/4"		FSW84	202	530	58	13000
98	5 5/16"		FSW85	202	530	58	13000
99	5 3/8"		FSW86	202	530	58	13000
100	5 1/2"		FSW88	202	530	58	13000
101	5 5/8"		FSW90	202	530	58	13000
102	5 3/4"	3 7/8"W	FSW92W62	225	580	64	19000
103	5 7/8"		FSW94	225	580	64	19000
104	6"		FSW96	225	580	64	19000
105	6 1/8"		FSW98	225	580	64	19000
106	6 1/4"		FSW100	225	580	64	19000
107	6 3/8"		FSW102	225	580	64	19000
108	6 1/2"		FSW104	265	650	70	27000
109	6 5/8"		FSW106	265	650	70	27000
110	6 3/4"		FSW108	265	650	70	27000
111	6 7/8"		FSW110	265	650	70	27000
112	7"		FSW112	265	650	70	27000

Other sizes available



METRIC

HAMMER WRENCHES, SLOGGING WRENCHES



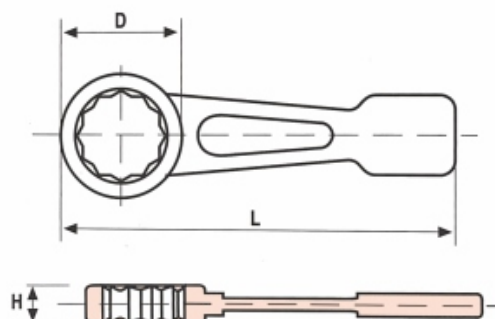
DIN 7444

S.No.	Nominal Opening mm	Catalogue No.	D mm	L mm	H mm	Weight gm
1	16	FSWM16	40	140	17	288
2	17	FSWM17	40	140	17	288
3	18	FSWM18	40	140	17	288
4	19	FSWM19	40	140	17	288
5	20	FSWM20	40	140	17	288
6	21	FSWM21	40	140	17	288
7	22	FSWM22	47	185	17	390
8	23	FSWM23	47	185	17	390
9	24	FSWM24	47	185	17	390
10	25	FSWM25	47	185	17	390
11	26	FSWM26	47	185	17	390
12	27	FSWM27	47	185	17	390
13	28	FSWM28	54	190	17	430
14	29	FSWM29	54	190	17	430
15	30	FSWM30	54	190	17	430
16	31	FSWM31	54	190	17	430
17	32	FSWM32	54	190	17	430
18	33	FSWM33	54	190	17	430
19	34	FSWM34	54	190	17	430
20	35	FSWM35	54	190	17	430
21	36	FSWM36	60	190	17	650
22	37	FSWM37	66	215	22	800
23	38	FSWM38	66	215	22	800
24	39	FSWM39	66	215	22	800
25	40	FSWM40	66	215	22	800
26	41	FSWM41	66	215	22	800
27	42	FSWM42	74	240	23	800
28	43	FSWM43	74	240	23	800
29	44	FSWM44	74	240	23	800
30	45	FSWM45	74	240	23	800
31	46	FSWM46	74	240	23	800
32	47	FSWM47	74	240	23	800
33	48	FSWM48	74	240	23	800
34	49	FSWM49	74	240	23	800
35	50	FSWM50	74	240	23	800
36	51	FSWM51	86	270	25	1800
37	52	FSWM52	86	270	25	1800
38	54	FSWM54	86	270	25	1800
39	55	FSWM55	86	270	25	1800
40	56	FSWM56	94	270	25	1800
41	57	FSWM57	94	270	25	1800
42	58	FSWM58	94	270	25	1800

S.No.	Nominal Opening mm	Catalogue No.	D mm	L mm	H mm	Weight gm
43	59	FSWM59	94	270	25	1800
44	60	FSWM60	94	270	25	1800
45	61	FSWM61	102	300	30	2500
46	62	FSWM62	102	300	30	2500
47	65	FSWM65	102	300	30	2500
48	67	FSWM67	102	300	30	2500
49	70	FSWM70	115	330	33	3400
50	72	FSWM72	115	330	33	3400
51	73	FSWM73	115	330	33	3400
52	75	FSWM75	115	330	33	3400
53	76	FSWM76	115	330	33	3400
54	77	FSWM77	115	330	33	3400
55	80	FSWM80	125	360	36	3900
56	82	FSWM82	125	360	36	3900
57	85	FSWM85	125	360	36	3900
58	86	FSWM86	142	390	40	3900
59	87	FSWM87	142	390	40	3900
60	90	FSWM90	142	390	40	3900
61	95	FSWM95	142	390	40	3900
62	100	FSWM100	155	420	45	6100
63	105	FSWM105	155	420	45	6100
64	110	FSWM110	170	450	48	9500
65	115	FSWM115	170	450	48	9500
66	120	FSWM120	185	475	54	10500
67	125	FSWM125	185	475	54	10500
68	130	FSWM130	202	530	58	13000
69	135	FSWM135	202	530	58	13000
70	140	FSWM140	202	530	58	13000
71	145	FSWM145	225	580	64	19000
72	150	FSWM150	225	580	64	19000
73	155	FSWM155	225	580	64	19000
74	160	FSWM160	225	580	64	19000
75	165	FSWM165	265	650	70	27000
76	170	FSWM170	265	650	70	27000
77	175	FSWM175	265	650	70	27000
78	180	FSWM180	265	650	70	27000
79	190	FSWM190	290	700	75	33000
80	200	FSWM200	290	700	75	33000
81	210	FSWM210	320	750	80	38000
82	220	FSWM220	320	750	80	38000
83	230	FSWM230	320	750	80	38000

Other sizes available

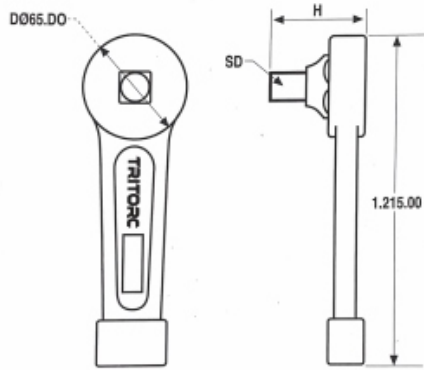
6 Point also available on request



FLAT STRIKING WRENCH ADAPTER



S.No.	Catalogue No.	Male SD	Female SD	D mm	L mm	H mm	Weight gm
1	FSA0808	1/2"	1/2"	60	190	40	790
2	FSA0812	3/4"	1/2"	66	215	60	1210
3	FSAI212	3/4"	3/4"	66	215	60	1210
4	FSA0816	1"	1/2"	86	270	76	2620
5	FSAI216	1"	3/4"	86	270	76	2620
6	FSA1616	1"	1"	86	270	76	2620
7	FSAI224	1 1/2"	3/4"	102	300	100	3970
8	FSA1624	1 1/2"	1"	102	300	100	3970
9	FSA2424	1 1/2"	1 1/2"	102	300	100	3970

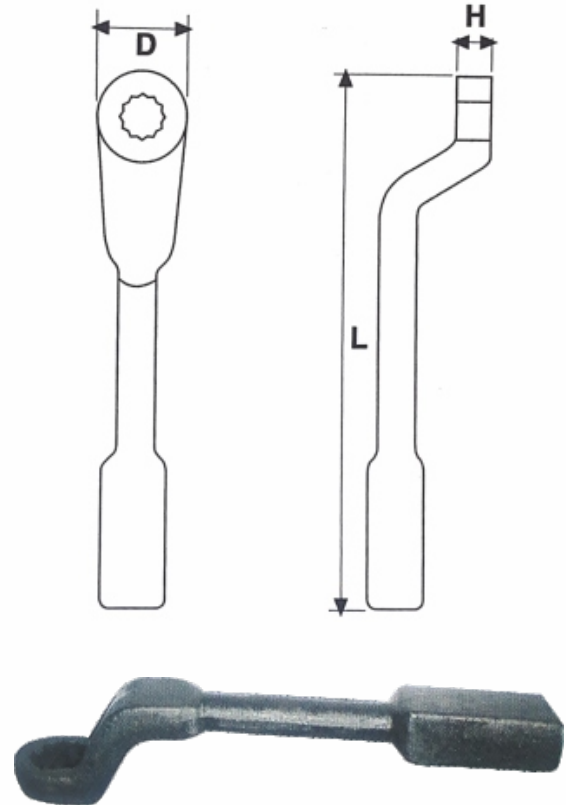


HAMMER WRENCHES, SLOGGING WRENCHES METRIC



S.No.	Nominal Opening mm	Catalogue No.	D mm	L mm	H mm	Weight gm
1	19	OSWM19	52	304	21	1980
2	20	OSWM20	52	304	21	1980
3	21	OSWM21	52	304	21	1980
4	22	OSWM22	52	304	21	1980
5	23	OSWM23	52	304	21	1980
6	24	OSWM24	52	304	21	1980
7	25	OSWM25	52	304	21	1980
8	26	OSWM26	52	304	21	1980
9	27	OSWM27	52	304	21	1980
10	28	OSWM28	52	304	21	1980
11	29	OSWM29	52	304	21	1980
12	30	OSWM30	52	304	21	1980
13	31	OSWM31	52	304	21	1980
14	32	OSWM32	52	304	21	1980
15	33	OSWM33	52	304	21	1980
16	34	OSWM34	52	304	21	1980
17	35	OSWM35	52	304	21	1980
18	36	OSWM36	60	314	27	2400
19	38	OSWM38	66	314	27	2400
20	39	OSWM39	66	314	27	2400
21	40	OSWM40	66	314	27	2400
22	41	OSWM41	66	314	27	2400
23	42	OSWM42	66	314	27	2400
24	43	OSWM43	66	314	27	2400
25	44	OSWM44	66	314	27	2400
26	45	OSWM45	66	314	27	2400
27	46	OSWM46	66	314	27	2400
28	47	OSWM47	78	378	32	3950
29	48	OSWM48	78	378	32	3950
30	49	OSWM49	78	378	32	3950
31	50	OSWM50	78	378	32	3950
32	51	OSWM51	78	378	32	3950
33	52	OSWM52	78	378	32	3950
34	54	OSWM54	78	378	32	3950
35	55	OSWM55	78	378	32	3950
36	57	OSWM57	110	406	42	5930
37	58	OSWM58	110	406	42	5930
38	60	OSWM60	110	406	42	5930
39	65	OSWM65	110	406	42	5930
40	70	OSWM70	110	406	42	5930
41	75	OSWM75	110	406	42	5930
42	76	OSWM76	130	450	55	11850
43	80	OSWM80	130	450	55	11850
44	85	OSWM85	130	450	55	11850
45	86	OSWM86	130	450	55	11850
46	90	OSWM90	130	450	55	11850
47	95	OSWM95	155	500	65	16630
48	100	OSWM100	155	500	65	16630
49	105	OSWM105	155	500	65	16630
50	110	OSWM110	155	500	65	16630
51	115	OSWM115	155	500	65	16630

6 Point also available on request

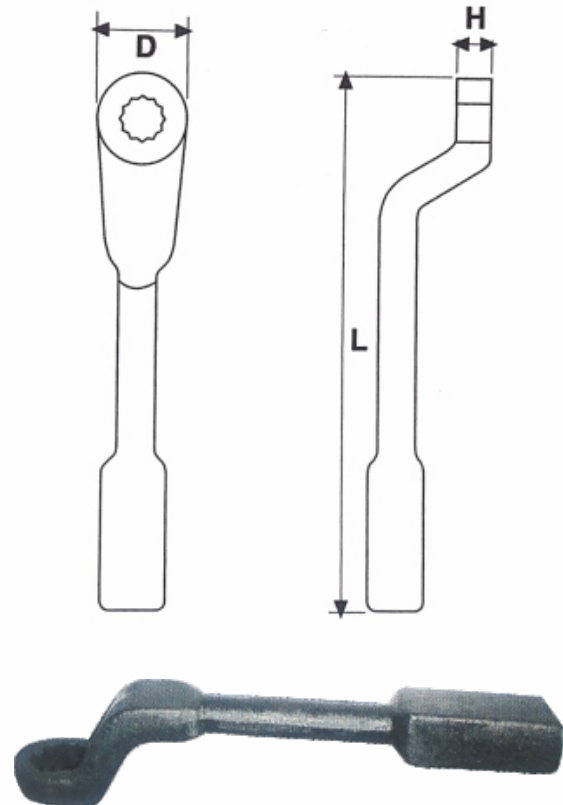


HAMMER WRENCHES, SLOGGING WRENCHES

A/F



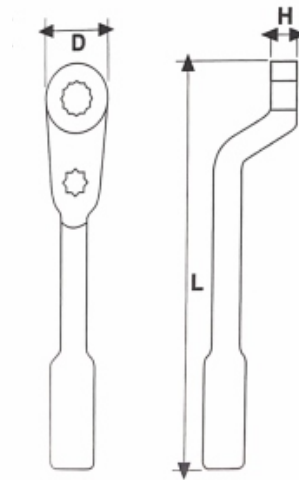
S.No.	Nominal Opening A/F Inch	Catalogue No.	D mm	L mm	H mm	Weight gm
1	3/4"	OSW12	52	304	21	1980
2	13/16"	OSW13	52	304	21	1980
3	7/8"	OSW14	52	304	21	1980
4	15/16"	OSW15	52	304	21	1980
5	1"	OSW16	52	304	21	1980
6	1 1/16"	OSW17	52	304	21	1980
7	1 1/8"	OSW18	52	304	21	1980
8	1 3/16"	OSW19	52	304	21	1980
9	1 1/4"	OSW20	52	304	21	1980
10	1 5/16"	OSW21	52	304	21	1980
11	1 3/8"	OSW22	52	304	21	1980
12	1 7/16"	OSW23	60	314	27	2400
13	1 1/2"	OSW24	66	314	27	2400
14	19/16"	OSW25	66	314	27	2400
15	1 5/8"	OSW26	66	314	27	2400
16	1 11/16"	OSW27	66	314	27	2400
17	1 3/4"	OSW28	66	314	27	2400
18	1 13/16"	OSW29	66	314	27	2400
19	1 7/8"	OSW30	78	378	32	3950
20	1 15/16"	OSW31	78	378	32	3950
21	2"	OSW32	78	378	32	3950
22	2 1/16"	OSW33	78	378	32	3950
23	2 1/8"	OSW34	78	378	32	3950
24	2 3/16"	OSW35	78	378	32	3950
25	2 1/4"	OSW36	110	406	42	5930
26	2 5/16"	OSW37	110	406	42	5930
27	2 3/8"	OSW38	110	406	42	5930
28	2 7/16"	OSW39	110	406	42	5930
29	2 1/2"	OSW40	110	406	42	5930
30	2 9/16"	OSW41	110	406	42	5930
31	2 5/8"	OSW42	110	406	42	5930
32	2 11/16"	OSW43	110	406	42	5930
33	2 3/4"	OSW44	110	406	42	5930
34	2 13/16"	OSW45	110	406	42	5930
35	2 7/8"	OSW46	110	406	42	5930
36	2 15/16"	OSW47	110	406	42	5930
37	3"	OSW48	110	406	42	5930
38	3 1/16"	OSW49	110	406	42	5930
39	3 1/8"	OSW50	130	450	55	11850
40	3 3/16"	OSW51	130	450	55	11850
41	3 1/4"	OSW52	130	450	55	11850
42	3 5/16"	OSW53	130	450	55	11850
43	3 3/8"	OSW54	130	450	55	11850
44	3 7/16"	OSW55	130	450	55	11850
45	3 1/2"	OSW56	130	450	55	11850
46	3 9/16"	OSW57	130	450	55	11850
47	3 5/8"	OSW58	130	450	55	11850
48	3 11/16"	OSW59	130	450	55	11850
49	3 3/4"	OSW60	155	500	65	16630
50	3 13/16"	OSW61	155	500	65	16630
51	3 7/8"	OSW62	155	500	65	16630
52	3 15/16"	OSW63	155	500	65	16630
53	4"	OSW64	155	500	65	16630
54	4 1/16"	OSW65	155	500	65	16630
55	4 1/8"	OSW66	155	500	65	16630
56	4 3/16"	OSW67	155	500	65	16630
57	4 1/4"	OSW68	155	500	65	16630
58	4 5/16"	OSW69	155	500	65	16630
59	4 3/8"	OSW70	155	500	65	16630
60	4 7/16"	OSW71	155	500	65	16630
61	4 1/2"	OSW72	155	500	65	16630
62	4 9/16"	OSW73	155	500	65	16630



HAMMER WRENCHES, SLOGGING WRENCHES METRIC



S.No.	Nominal Opening mm	Catalogue No.	D mm	L mm	H mm	Weight gm
1	19	SOSWM19	52	304	21	1980
2	20	SOSWM20	52	304	21	1980
3	21	SOSWM21	52	304	21	1980
4	22	SOSWM22	52	304	21	1980
5	23	SOSWM23	52	304	21	1980
6	24	SOSWM24	52	304	21	1980
7	25	SOSWM25	52	304	21	1980
8	26	SOSWM26	52	304	21	1980
9	27	SOSWM27	52	304	21	1980
10	28	SOSWM28	52	304	21	1980
11	29	SOSWM29	52	304	21	1980
12	30	SOSWM30	52	304	21	1980
13	31	SOSWM31	52	304	21	1980
14	32	SOSWM32	52	304	21	1980
15	33	SOSWM33	52	304	21	1980
16	34	SOSWM34	52	304	21	1980
17	35	SOSWM35	52	304	21	1980
18	36	SOSWM36	66	314	27	2400
19	38	SOSWM38	66	314	27	2400
20	39	SOSWM39	66	314	27	2400
21	40	SOSWM40	66	314	27	2400
22	41	SOSWM41	66	314	27	2400
23	42	SOSWM42	66	314	27	2400
24	43	SOSWM43	66	314	27	2400
25	44	SOSWM44	66	314	27	2400
26	45	SOSWM45	66	314	27	2400
27	46	SOSWM46	66	314	27	2400
28	47	SOSWM47	78	378	32	3950
29	48	SOSWM48	78	378	32	3950
30	49	SOSWM49	78	378	32	3950
31	50	SOSWM50	78	378	32	3950
32	51	SOSWM51	78	378	32	3950
33	52	SOSWM52	78	378	32	3950
34	54	SOSWM54	78	378	32	3950
35	55	SOSWM55	78	378	32	3950
36	57	SOSWM57	110	406	42	5930
37	58	SOSWM58	110	406	42	5930
38	60	SOSWM60	110	406	42	5930
39	65	SOSWM65	110	406	42	5930
40	70	SOSWM70	110	406	42	5930
41	75	SOSWM75	110	406	42	5930
42	76	SOSWM76	130	450	55	11850
43	80	SOSWM80	130	450	55	11850
44	85	SOSWM85	130	450	55	11850
45	86	SOSWM86	130	450	55	11850
46	90	SOSWM90	130	450	55	11850
47	95	SOSWM95	155	500	65	16630
48	100	SOSWM100	155	500	65	16630
49	105	SOSWM105	155	500	65	16630
50	110	SOSWM110	155	500	65	16630
51	115	SOSWM115	155	500	65	16630

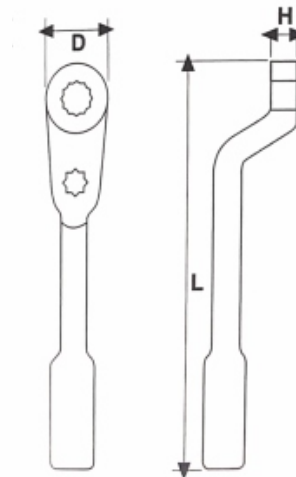


HAMMER WRENCHES, SLOGGING WRENCHES

A/F



S.No.	Nominal Opening A/F Inch	Catalogue No.	D mm	L mm	H mm	Weight gm
1	3/4"	SOSW12	52	304	21	1980
2	13/16"	SOSW13	52	304	21	1980
3	7/8"	SOSW14	52	304	21	1980
4	15/16"	SOSW15	52	304	21	1980
5	1"	SOSW16	52	304	21	1980
6	1 1/16"	SOSW17	52	304	21	1980
7	1 1/8"	SOSW18	52	304	21	1980
8	1 3/16"	SOSW19	52	304	21	1980
9	1 1/4"	SOSW20	52	304	21	1980
10	1 5/16"	SOSW21	52	304	21	1980
11	1 3/8"	SOSW22	52	304	21	1980
12	1 7/16"	SOSW23	66	314	27	2400
13	1 1/2"	SOSW24	66	314	27	2400
14	1 9/16"	SOSW25	66	314	27	2400
15	1 5/8"	SOSW26	66	314	27	2400
16	1 11/16"	SOSW27	66	314	27	2400
17	1 3/4"	SOSW28	66	314	27	2400
18	1 13/16"	SOSW29	66	314	27	2400
19	1 7/8"	SOSW30	78	378	32	3950
20	1 15/16"	SOSW31	78	378	32	3950
21	2"	SOSW32	78	378	32	3950
22	2 1/16"	SOSW33	78	378	32	3950
23	2 1/8"	SOSW34	78	378	32	3950
24	2 3/16"	SOSW35	78	378	32	3950
25	2 1/4"	SOSW36	110	406	42	5930
26	2 5/16"	SOSW37	110	406	42	5930
27	2 3/8"	SOSW38	110	406	42	5930
28	2 7/16"	SOSW39	110	406	42	5930
29	2 1/2"	SOSW40	110	406	42	5930
30	2 9/16"	SOSW41	110	406	42	5930
31	2 5/8"	SOSW42	110	406	42	5930
32	2 11/16"	SOSW43	110	406	42	5930
33	2 3/4"	SOSW44	110	406	42	5930
34	2 13/16"	SOSW45	110	406	42	5930
35	2 7/8"	SOSW46	110	406	42	5930
36	2 15/16"	SOSW47	110	406	42	5930
37	3"	SOSW48	110	406	42	5930
38	3 1/8"	SOSW50	130	450	55	11850
39	3 3/16"	SOSW51	130	450	55	11850
40	3 1/4"	SOSW52	130	450	55	11850
41	3 5/16"	SOSW53	130	450	55	11850
42	3 3/8"	SOSW54	130	450	55	11850
43	3 7/16"	SOSW55	130	450	55	11850
44	3 1/2"	SOSW56	130	450	55	11850
45	3 9/16"	SOSW57	130	450	55	11850
46	3 5/8"	SOSW58	130	450	55	11850
47	3 11/16"	SOSW59	130	450	55	11850
48	3 3/4"	SOSW60	155	500	65	16630
49	3 13/16"	SOSW61	155	500	65	16630
50	3 7/8"	SOSW62	155	500	65	16630
51	3 15/16"	SOSW63	155	500	65	16630
52	4"	SOSW64	155	500	65	16630
53	4 1/16"	SOSW65	155	500	65	16630
54	4 1/8"	SOSW66	155	500	65	16630
55	4.1875	SOSWE7	155	500	65	16630
56	4 1/4"	SOSW68	155	500	65	16630
57	4 5/16"	SOSW69	155	500	65	16630
58	4 3/8"	SOSW10	155	500	65	16630
59	4 7/16"	SOSW71	155	500	65	16630
60	4 1/2"	SOSW72	155	500	65	16630
61	4 9/16"	SOSW73	155	500	65	16630



METRIC

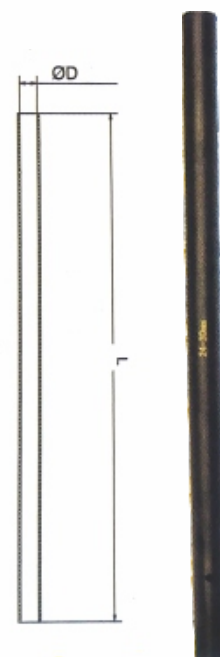
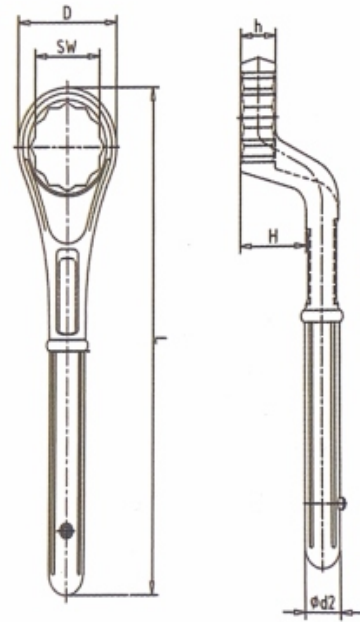
S.No.	Catalogue No.	Size mm	D mm	L mm	H mm	Weight gm
1	TRSM22	22	38	28.5	180	450
2	TRSM24	24	38	29.5	180	450
3	TRSM27	27	42	30	190	500
4	TRSM30	30	49	32	200	550
5	TRSM32	32	49	33	235	750
6	TRSM36	36	53	35	243	850
7	TRSM38	38	62	40	265	1000
8	TRSM41	41	62	38	265	1000
9	TRSM46	46	69	43	280	1400
10	TRSM50	50	75	42	290	1600
11	TRSM55	55	82	46	300	1750
12	TRSM60	60	90	48	345	2800
13	TRSM65	65	97	53	355	3200
14	TRSM70	70	105	56	365	3700
15	TRSM75	75	111	59	375	4100
16	TRSM80	80	122	61	385	4900

A/F

S.No.	Catalogue No.	Size Inch	D mm	L mm	H mm	Weight gm
1	TRS14	7/8"	39	30	180	450
2	TRS16	1"	42	30	190	500
3	TRS17	1 1/16"	42	30	190	500
4	TRS18	1 1/8"	49	33	200	550
5	TRS19	1 3/16"	49	32	200	550
6	TRS20	1 1/4"	49	33	235	550
7	TRS21	1 5/16"	49	32	235	550
8	TRS22	1 3/8"	54	34	245	850
9	TRS24	1 1/2"	62	40	265	1000
10	TRS26	1 5/8"	62	38	265	1000
11	TRS28	1 3/4"	68	42	280	1400
12	TRS29	1 13/16"	69	43	280	1400
13	TRS32	2"	74	42	290	1600

TUBULAR HANDLE

S.No.	Catalogue No.	Size mm	D mm	L mm	H mm	Weight gm
1	TRST1	24-30	19	460	775	
2	TRST2	32-41	22	610	1130	
3	TRST3	46-55	25	760	1875	
4	TRST4	60-80	30	860	2880	

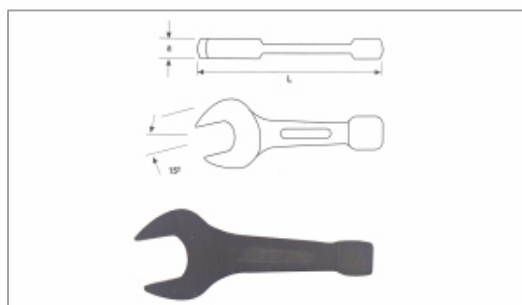


OPEN END STRIKING WRENCHES - METRIC DIN: 144

S.No.	Nominal Opening		l max mm	a mm	b max mm	Weight gm
	s	Catalogue No.				
1	27	FSOM27	180	16.5	57.5	400
2	30	FSOM30	190	17	63.5	450
3	32	FSOM32	195	17.5	67.5	500
4	36	FSOM36	210	18.5	77.5	700
5	41	FSOM41	225	19.5	89	950
6	46	FSOM46	255	20	99	1300
7	50	FSOM50	280	21.5	108	1700
8	55	FSOM55	310	24.5	118.5	2250
9	60	FSOM60	320	24.5	129.5	2700
10	65	FSOM65	350	28	140.5	3300
11	70	FSOM70	370	30	151	3900
12	75	FSOM75	400	28.5	164	5250
13	80	FSOM80	405	34.5	174	6000
14	85	FSOM85	405	34.5	174	6000
15	90	FSOM90	455	39	195	8000
16	95	FSOM95	455	39	195	8000
17	100	FSOM100	500	47	227	13000
18	105	FSOM105	500	47	227	12900
19	110	FSOM110	500	47	227	12900
20	115	FSOM115	510	48	237	12900
21	120	FSOM120	530	56	256	19200
22	125	FSOM125	530	56	256	19200
23	130	FSOM130	570	56	276	19400

OPEN END STRIKING WRENCHES - METRIC DIN: 144

S.No.	Nominal Opening		l max mm	a mm	b max mm	Weight gm
	s	Catalogue No.				
1	1 1/16"	FSO17	180	16.5	57.5	330
2	1 1/8"	F5018	180	16.5	57.5	310
3	1 3/16"	F5019	190	17	63.5	450
4	1 1/4"	FS020	190	17	63.5	450
5	1 5/16"	FSO21	195	17.5	67.5	500
6	1 3/8"	F5022	195	17.5	67.5	500
7	1 7/16"	F5023	210	18.5	77.5	700
8	1 1/2"	F5024	210	18.5	77.5	700
9	1 5/8"	FS026	225	19.5	89	950
10	1 13/16"	FS029	255	20	99	1300
11	2"	FS032	280	21.5	108	1700
12	2 1/4"	F5036	310	24.5	118.5	2250
13	2 3/8"	FS038	320	24.5	129.5	2700
14	2 9/16"	FSO41	350	28	140.5	3300
15	2 5/8"	F0042	350	28	140.5	3300
16	2 3/4"	FSO44	370	30	151	3900
17	2 15/16"	FSO47	400	28.5	164	5250
18	3"	F5048	400	31.5	163	5250
19	3 1/8"	F0050	405	34.5	174	6000
20	3 3/4"	FS060	455	39	195	8000
21	3 15/16"	F5063	500	47	227	12900
22	4 1/8"	FS066	500	47	227	12900
23	4 5/16"	F5069	510	48	237	12900
24	4 1/2"	FS072	510	48	237	12900
25	4 3/4"	FS076	530	56	256	19200
26	4 7/8"	F0078	530	56	256	19200
27	5 1/8"	FS082	570	56	276	19400



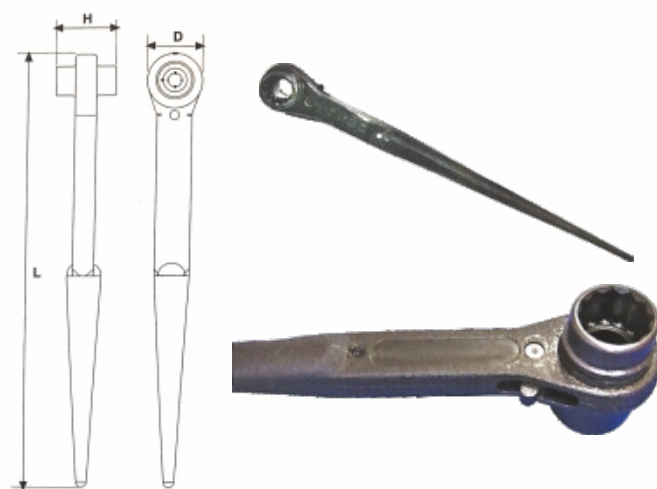
RATCHET WRENCHES - METRIC

S.No.	Catalogue No.	Size mm	D mm	H mm	L mm	Weight gm
1	RWM1012	10x12	36	38	300	630
2	RWM1417	14x17	36	38	300	630
3	RWM1319	13x19	36	38	300	630
4	RWM1719	17x19	36	38	300	630
5	RWM1824	18x24	43	56	382	840
6	RWM1921	19x21	43	56	382	840
7	RWM1922	19x22	43	56	382	840
8	RWM1924	19x24	43	56	382	840
9	RWM2124	21x24	43	56	382	840
10	RWM2224	22x24	43	56	382	840
11	RWM2427	24x27	43	56	382	840
12	RWM2430	24x30	62	63	417	2200
13	RWM2730	27x32	62	63	417	2200
14	RWM3036	30x36	62	63	417	2200
15	RWM3236	32x36	62	63	417	2200
16	RWM3641	36x41	62	63	417	2200

RATCHET WRENCHES - A/F

S.No.	Catalogue No.	Size Inch	D mm	H mm	L mm	Weight gm
1	RW 0607	3/8" x 7/16"	36	38	300	630
2	RW 0708	7/16" x 1/2"	36	38	300	630
3	RW 0809	1/2" x 9/16"	36	38	300	630
4	RW0810	1/2" x 5/8"	36	38	300	630
5	RW0812	1/2" x 3/4"	36	38	300	630
6	RW1213	3/4" x 13/16"	43	56	382	840
7	RW1214	3/4" x 7/8"	43	56	382	840
8	RW1215	3/4" x 15/16"	43	56	382	840
9	RW1216	3/4" x 1"	62	63	417	2200
10	RW1617	1" x 1 1/16"	62	63	417	2200
11	RW1618	1" x 1 1/8"	62	63	417	2200
12	RW1619	1" x 1 3/16"	62	63	417	2200
13	RW1620	1" x 1 1/4"	62	63	417	2200
14	RW 1820	1 1/8" x 1 1/4"	62	63	417	2200
15	RW1920	1 3/16" x 1 1/4"	62	63	417	2200
16	RW2022	1 1/4" x 1 3/8"	62	63	417	2200
17	RW2224	1 3/8" x 1 1/2"	62	63	417	2200
18	RW 2226	1 3/8" x 1 5/8"	62	63	417	2200

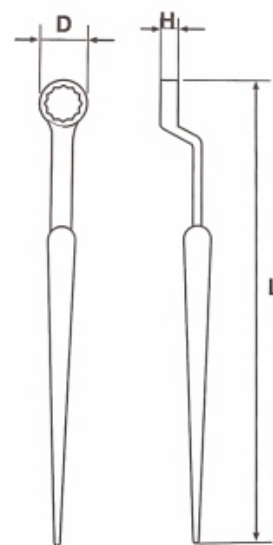
Other sizes are available



RING STRUCTURAL WRENCHES - METRIC



S.No.	Catalogue No.	Size mm	D mm	H mm	L mm	Weight gm
1	CTRM14	14	39	16	360	510
2	CTRM15	15	39	16	360	510
3	CTRM16	16	39	16	360	510
4	CTRM17	17	39	16	360	510
5	CTRM18	18	39	16	360	510
6	CTRM19	19	39	16	360	510
7	CTRM21	21	39	16	360	510
8	CTRM22	22	39	16	360	510
9	CTRM23	23	39	16	360	510
10	CTRM24	24	39	16	360	510
11	CTRM25	25	39	16	360	510
12	CTRM26	26	52	22	430	1040
13	CTRM27	27	52	22	430	1040
14	CTRM30	30	52	22	430	1040
15	CTRM31	31	52	22	430	1040
16	CTRM32	32	52	22	430	1040
17	CTRM35	35	71	28	550	2330
18	CTRM36	36	71	28	550	2330
19	CTRM38	38	71	28	550	2330
20	CTRM40	40	71	28	550	2330
21	CTRM41	41	71	28	550	2330
22	CTRM45	45	71	28	550	2330
23	CTRM46	46	71	28	550	2330
24	CTRM49	49	90	35	620	3750
25	CTRM50	50	90	35	620	3750
26	CTRM55	55	90	35	620	3750
27	CTRM57	57	90	35	620	3750
28	CTRM60	60	90	35	620	3750



RING STRUCTURAL WRENCHES - A/F



S.No.	Catalogue No.	Size Inch	D mm	H mm	L mm	Weight gm
1	CTRO8	1/2"	39	16	360	510
2	CTRO9	9/16"	39	16	360	510
3	CTR10	5/8"	39	16	360	510
4	CTR11	11/16"	39	16	360	510
5	CTR12	3/4"	39	16	360	510
6	CTR13	13/16"	39	16	360	510
7	CTR14	7/8"	39	16	360	510
8	CTR15	15/16"	39	16	360	510
9	CTR16	1"	52	22	430	1040
10	CTR17	1 1/16"	52	22	430	1040
11	CTR18	1 1/8"	52	22	430	1040
12	CTR19	1 3/16"	52	22	430	1040
13	CTR20	1 1/4"	52	22	430	1040
14	CTR21	1 5/16"	52	22	430	1040
15	CTR22	1 3/8"	71	28	550	2330
16	CTR23	1 7/16"	71	28	550	2330
17	CTR24	1 1/2"	71	28	550	2330
18	CTR25	1 9/16"	71	28	550	2330
19	CTR26	1 5/8"	71	28	550	2330
20	CTR27	1 11/16"	71	28	550	2330
21	CTR28	1 3/4"	71	28	550	2330
22	CTR29	1 13/16"	71	28	550	2330
23	CTR30	1 7/8"	90	35	620	3750
24	CTR31	1 15/16"	90	35	620	3750
25	CTR32	2"	90	35	620	3750
26	CTR34	2 1/8"	90	35	620	3750
27	CTR36	2 1/4"	90	35	620	3750
28	CTR38	2 3/8"	90	35	620	3750



OPEN END STRUCTURAL WRENCHES - METRIC

S.No.	Catalogue No.	Size mm	D mm	H mm	L mm	Weight gm
1	STRM13	13	60	14	360	650
2	STRM14	14	60	14	360	650
3	STRM15	15	60	14	360	650
4	STRM16	16	60	14	360	650
5	STRM17	17	60	14	360	650
6	STRM18	18	60	14	360	650
7	STRM19	19	60	14	360	650
8	STRM21	21	60	14	360	650
9	STRM22	22	60	14	360	650
10	STRM23	23	60	14	360	650
11	STRM24	24	60	14	360	650
12	STRM25	25	60	14	360	650
13	STRM27	27	80	18	430	1270
14	STRM28	28	80	18	430	1270
15	STRM30	30	80	18	430	1270
16	STRM31	31	80	18	430	1270
17	STRM32	32	80	18	430	1270
18	STRM35	35	80	18	430	1270
19	STRM36	36	80	18	430	1270
20	STRM38	38	105	24	550	2970
21	STRM40	40	105	24	550	2970
22	STRM41	41	105	24	550	2970
23	STRM42	42	105	24	550	2970
24	STRM44	44	105	24	550	2970
25	STRM45	45	105	24	550	2970
26	STRM46	46	105	24	550	2970
27	STRM48	48	130	25	620	4100
28	STRM49	49	130	25	620	4100
29	STRM50	50	130	25	620	4100
30	STRM52	52	130	25	620	4100
31	STRM55	55	130	25	620	4100
32	STRM56	56	130	25	620	4100
33	STRM57	57	130	25	620	4100
34	STRM60	60	130	25	620	4100

OPEN END STRUCTURAL WRENCHES - A/F

S.No.	Catalogue No.	Size Inch	D mm	H mm	L mm	Weight gm
1	STR08	1/2"	60	14	360	650
2	STR09	9/16"	60	14	360	650
3	STE110	5/8"	60	14	360	650
4	STR11	11/16"	60	14	360	650
5	STR12	3/4"	60	14	360	650
6	STR13	13/16"	60	14	360	650
7	STR14	7/8"	60	14	360	650
8	STR15	15/16"	60	14	360	650
9	STR16	1"	60	14	360	650
10	STR17	1 1/16"	80	18	430	1270
11	STR18	1 1/8"	80	18	430	1270
12	STR19	1 3/16"	80	18	430	1270
13	STR20	1 1/4"	80	18	430	1270
14	STR21	1 5/16"	80	18	430	1270
15	STR22	1 3/8"	80	18	430	1270
16	STR23	1 7/16"	80	18	430	1270
17	STR24	1 1/2"	105	24	430	1270
18	STR25	1 9/16"	105	24	550	2970
19	STR26	1 5/8"	105	24	550	2970
20	STR27	1 11/16"	105	24	550	2970
21	STR28	1 3/4"	105	24	550	2970
22	STR29	1 13/16"	105	24	550	2970
23	STR30	1 7/8"	130	25	620	4100
24	STR31	1 11/16"	130	25	620	4100
25	STR32	2"	130	25	620	4100
26	STR33	2 1/16"	130	25	620	4100
27	STR34	2 1/8"	130	25	620	4100
28	STR35	2 3/16"	130	25	620	4100
29	STR36	2 1/4"	130	25	620	4100
30	STR37	2 5/16"	130	25	620	4100
31	STR38	2 3/8"	130	25	620	4100
32	STR39	2 7/16"	130	25	620	4100
33	STR40	2 1/2"	130	25	620	4100
34	STR41	2 9/16"	130	25	620	4100

OZAT CROWFOOT

OZAT manufactures Industrial Type Crowfoot wrenches, both Open Type and Box End in metric and imperial sizes.

Each Crowfoot is manufactured with High grade alloy steel, providing exceptional strength and durability and comes with a lifetime warranty against any manufacturing defects.

CROWFOOT SIZES

S.No.	Model No.	Square Drive	A/F Size
1	CRW41F	1/2"	1.5/8"
2	CRW46F	1/2"	1.13/16"
3	CRW51F	1/2"	2"
4	CRW427F	3/4"	1.1/16"
5	CRW428F	3/4"	1.1/8"
6	CRW431F	3/4"	1.1/4"
7	CRW436F	3/4"	1.7/16"
8	CRW441F	3/4"	1.5/8"
9	CRW446F	3/4"	1.13/16"
10	CRW451F	3/4"	2"
11	CRW455F	3/4"	2.3/16"
12	CRW460F	3/4"	2.3/8"
13	CRW527F	1"	1.1/16"
14	CRW531F	1"	1.1/4"
15	CRW541F	1"	1.5/8"
16	CRW546F	1"	1.13/16"
17	CRW551F	1"	2"
18	CRW555F	1"	2.3/16"
19	CRW560F	1"	2.3/8"

Special sizes available on request.



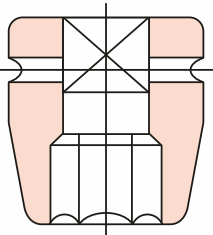
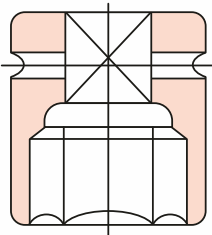
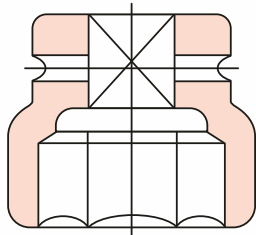
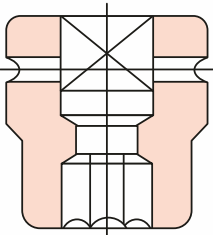
Due to its unique Electro Chemical Machining Technology, OZAT can supply Cost Effective Special and Customer Design Sockets.

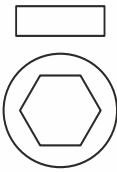
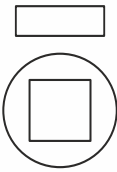
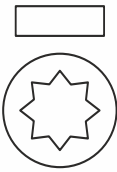
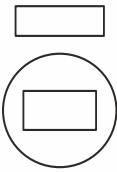
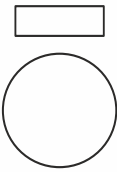
For ordering Special Sockets, please do not hesitate to contact Our Marketing and Sales Department, or one of OZAT's Distributors.

COMPANY: _____ **CONTACT:** _____

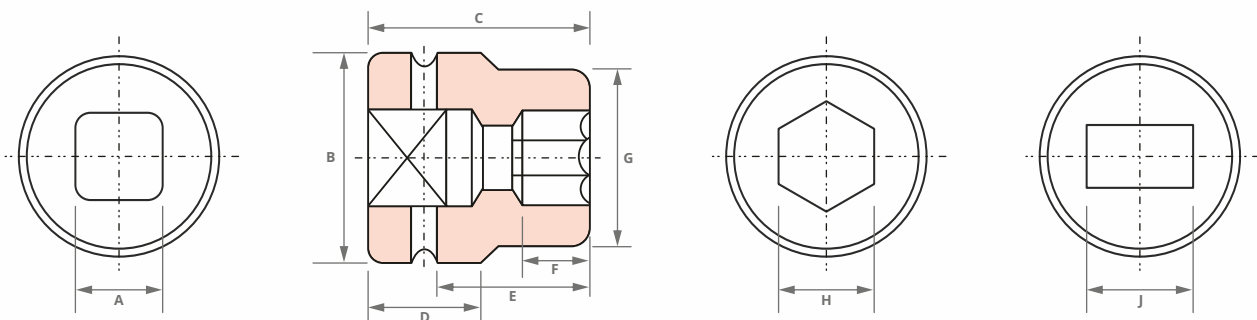
ADDRESS: _____

PHONE NO.: _____ **FAX:** _____ **E-MAIL:** _____

TYPES OF SOCKETS (DRIVE TO HEX/ OPENING RATIO)			
Type A	Type B	Type C	Type D
			

OPENING TYPE					
SINGLE HEX	DOUBLE HEX	SINGLE SQUARE	DOUBLE SQUARE	RECTANGULAR	OTHER
					

DIMENSION



MATERIAL: _____

A) Square Drive: _____ B) Drive End Dia.: _____ C) Overall Length: _____

D) Shoulder Length: _____ E) Bolt Clear Depth.: _____ F) Opening Depth: _____

G) Nut Side Dia.: _____ H) Across Flat.: _____ J/K) Rec. Size: _____

APPLICATION / COMMENT:

QUANTITY: _____



YOU SIZE IT, WE MAKE IT

OZAT 2000 UG

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