

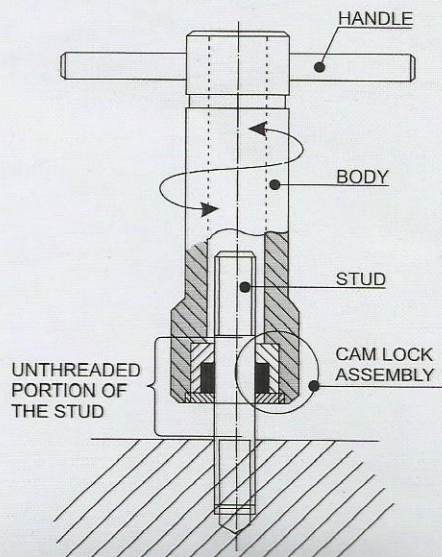
NEWTOL INDUSTRIES



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NEWTOOL make STUD REMOVER



There are four series in Standard stud Spanners:

1) Mini Series 2) Short Shank Series 3) Long Shank Series 4) Giant Series

TYPE	SPANNER SIZE		DIMENSIONS			RECOMMENDED FOR	MODIFICATION UNDER DEVELOPMENT
	Metric	Inches	'D' mm	'd' mm	'L' mm		
Mini Series	M5 M6 M7 M8 M9	1/4", 5/6"	26	20	100	Studs of corresponding sizes	3/8" Female Square drive on top.
Short Shank Series	Light Duty (S.S.L.D) M10 M12	3/8"	36	30	100	Studs of corresponding sizes but suitable for studs up-to 100mm length.	1/2" Female Square drive on top.
	Heavy Duty (S.S.L.D) M14 M16 M16.5	5/8"	45	36	100		1/2" Female Square drive on top.
Long Shank Series	Light Duty (S.S.L.D) M10 M12	3/8" 7/12" 1/12"	36.0	28.0	140	Studs of corresponding sizes but suitable for studs above 100mm length.	1/2" Female Square drive on top.
	Heavy Duty (L.S.H.D.) M14 M16	9/16"	42.0	36	140		1/2" Female Square drive on top.
Gaint Series	M18, M20 M22, M24	3/4". 7/8" 1"	55	44	150	Studs of corresponding sizes suitable having 100mm length.	3/4" Female Square drive on top.

Note : Spanners for any sizes other than above can be Manufactured as per requirement.

Operation of Removing & Fixing the studs and removing the dowels is always tedious, cumbersome and time consuming by conventional method and there is possibility of breakage of stud inside the body while removing the stud by conventional method.

NEWTOOL equipments are very useful for mechanical Repairs/ Maintenance work in various fields like: Railways, Refineries, Automobile, Ship Building / Repairs, Mining, Natural Gas, Chemical plants, Pharmaceutical plants, Fertilizer plants, Sugar Industries, Paper Industries, Cement plants, Steel plants, Power generation plants, Defence establishments, Off Shore Platforms, Repair work shops & Garages.



SOCKETS & ACCESSORIES square drive

IMPACT SOCKETS

Newtool Industries Impact Sockets are made from Best suited Industrially tested alloy steel in accordance with international quality standards, and duly heat treated to sustain the constant shock associated with the hydraulic/Air and Electric Powered Drive Tools. Newtool Industries Impact sockets are available in a wide variety of sizes and type to suit virtually any application. A few standard types are illustrated below....



Impact Sockets :

Newtools Industrial grade impact sockets are available in a wide range of length and wall thickness and with single or double hex openings. Square openings are also available.



Fixed Magnetic Sockets :

magnetic sockets hold the fastener in driving position, even when working straight down. Time wasting motions are eliminated when starting fasteners or working in hard-to-reach areas. these sockets are identified with a M-prefix



Magnetic Bolt Clearance Sockets :

As the nut is run down, a spring-loaded or hollow cylinder magnet allows the bolt or stud to retract into the socket body. Nuts are held firmly in the socket. These sockets are identified with a MB-prefix.



Surface Drive Sockets :

Large openings on the bottom of the opening created "flaring" action that allows the socket to slide quickly and easily onto the nut or bolt. Ideal for compensation for imperfect alignment between the tool and fastener. Not generally recommended for impact use. Ideally suited for applications for Multi Spindle fastening. These sockets are identified with a SF-prefix



Special Sockets :

You will find Spline, tap holding, Budd Wheel, grease fitting and other sockets for special applications.



Square Drive Universal Joints & Universal Sockets :

Hard-to-reach area are no problem with Newtools's wide range of universal and extension universal wrenches.



Extension Sockets & Extension Universal Sockets :

Are developed in all sizes to meet to specific need of the After auto market requiring extended sockets to clear sub assemblies and rech bolts/nuts in hard-to-reach areas.



Extension and Adapters :

Newtool Industries provides the accessories needed to adapt sockets to adapt sockets to nearly every tool and application.



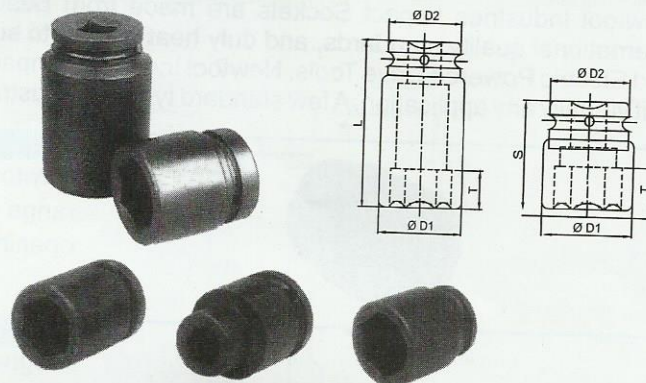
SOCKETS & ACCESSORIES square drive

1/4"

IMPACT SOCKETS

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-114	1/4"	SIM-16	6	12	17	25	50	8
SI-115	9/32"	SIM-17	7	13	17	25	50	8
SI-116	5/16"	SIM-18	8	14.5	17	25	50	10
SI-117	11/32"	SIM-19	9	16	17	25	50	10
SI-118	3/8"	SIM-110	10	16.5	17	25	50	10
SI-119	7/16"	SIM-111	11	17.5	17	25	50	10
-	-	SIM-112	12	19	17	25	50	12
SI-120	1/2"	SIM-113	13	19.5	17	25	50	12
SI-121	9/16"	SIM-114	14	21	17	25	50	12

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.



IMPACT ACCESSORIES

IMPACT HEX BIT SOCKETS

1/4"

Part No.	Description	OAL (mm)
SIA-1	Adapter 1/4" Female, 3/8" Male	27
SIA-155	Heavy Duty Extension Bar	55
SIA-1100	Heavy Duty Extension Bar	100
SIA-1150	Heavy Duty Extension Bar	150

SAE SIZE		METRIC SIZE			
Part No.	AF	Part No.	AF	Arrox OAL (mm)	Hexbit Length (mm)
SB-110	1/8"	SBM-103	3	30	12
SB-111	5/32"	SBM-104	4	30	12
SB-112	3/16"	SBM-105	5	30	15
SB-113	7/32"	-	-	30	15
SB-114	1/4"	SBM-106	6	35	20

BI-HEX SOCKETS

1/4"

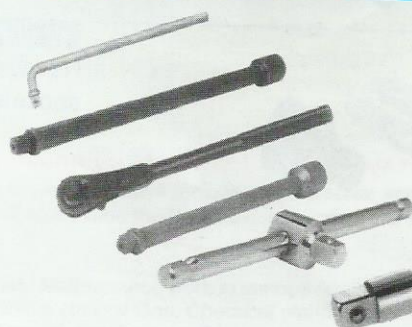
SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
-	-	BM-15	5.0	9	15	25	50	8
-	-	BM-15.5	5.5	9	15	25	50	8
B-114	1/4"	BM-16	6	10.5	15	25	50	10
B-115	9/32"	BM-17	7	11	15	25	50	10
B-116	5/16"	BM-18	8	12.5	15	25	50	10
B-117	11/32"	BM-19	9	14	15	25	50	10
B-118	3/8"	BM-110	10	15	15	25	50	10
B-119	7/16"	BM-111	11	16.5	15	25	50	10
-	-	BM-112	12	17.5	16	25	50	10
B-120	1/2"	BM-113	13	18.5	16	25	50	10
B-121	9/16"	BM-114	14	20.5	16	25	50	12

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.

ACCESSORIES (MANUAL)

1/4"

Part No.	Description	OAL (mm)
NSB-1	Sliding T Handle	150
NSH-1	Swivel Handle	150
NAH-1	L - Handle	125
NRR-1	Ratchet Handle	110
NA-1	Adapter 1/4" Female, 3/8" Male	27
NEB-155	Heavy Duty Extension Bar 1/4" Female, 1/4" Male	55
NEB-1100	Heavy Duty Extension Bar 1/4" Female, 1/4" Male	100
NEB-1150	Heavy Duty Extension Bar 1/4" Female, 1/4" Male	150





SOCKETS & ACCESSORIES square drive

3/8"

IMPACT SOCKETS

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-216	5/16"	SIM-208	8	14	21	30	60	10
SI-218	3/8"	SIM-210	10	16.5	21	30	60	10
SI-219	7/16"	SIM-211	11	18	21	30	60	10
-	-	SIM-212	12	19	21	30	60	10
SI-220	1/2"	SIM-213	13	20	21	30	60	12
SI-221	9/16"	SIM-214	14	22	22	30	60	12
-	-	SIM-215	15	23	22	30	60	12
SI-223	5/8"	SIM-216	16	25	22	30	60	14
SI-224	11/16"	SIM-217	17	26	25	30	60	14
-	-	SIM-218	18	27	25	30	60	14
SI-225	3/4"	SIM-219	19	28.5	25	30	60	14
-	-	SIM-220	20	29	25	32	60	16
SI-227	13/16"	SIM-221	21	30	25	32	60	16
SI-228	7/8"	SIM-222	22	31	25	32	60	16



NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.

IMPACT HEX BIT SOCKETS

3/8"

SAE SIZE		METRIC SIZE			
Part No.	AF	Part No.	AF	Arrox OAL (mm)	Hexbit Length (mm)
SB-210	1/8"	SBM-203	3	35	12
SB-211	5/32"	SBM-204	4	35	12
SB-212	3/16"	SBM-205	5	38	15
SB-213	7/32"	-	-	38	15
SB-214	1/4"	SBM-206	6	38	15
SB-216	5/16"	SBM-208	8	40	18
SB-218	3/8"	SBM-210	10	40	18



LOCKING 'O' RING & PIN

IMPACT HEX EXTENSION SOCKET

3/8"

Part No.	AF	Arrox OAL (mm)	Part No.	AF	Arrox OAL (mm)
NESM-207	7	100	NESM-211X	11	200
NESM-207L	7	150	NESM-211XL	11	250
NESM-207X	7	200	NESM-212	12	100
NESM-207XL	7	250	NESM-212L	12	150
NESM-208	8	100	NESM-212X	12	200
NESM-208L	8	150	NESM-212XL	12	250
NESM-208X	8	200	NESM-213	13	100
NESM-208XL	8	250	NESM-213L	13	150
NESM-210	10	100	NESM-213X	13	200
NESM-210L	10	150	NESM-213XL	13	250
NESM-210X	10	200	NESM-214	14	100
NESM-210XL	10	250	NESM-214L	14	150
NESM-211	11	100	NESM-214X	14	200
NESM-211L	11	150	NESM-214XL	14	250



TYPICAL APPLICATION

NOTE: WE HAVE ALSO SPECIALLY DEVELOPED FOR THE AUTOMOTIVE SECTOR SPRING LOADED MAGNETIC EXTENSION SOCKETS FOR TIGHTENING OF NUTS WITH BOLT CLEARANCE NEEDS.

ALL SIZES OF EXTENSION SOCKETS, ALSO AVAILABLE IN SWIVEL JOINT TYPE, PREFIX 'S' ON THE ABOVE PART NOS FOR ORDER.



SOCKETS & ACCESSORIES square drive

3/8"

ACCESSORIES (IMPACT)

Part No.	Description	OAL (mm)
NIA-2	Adapter 3/8" Female, 1/4" Male	30
NIA-3	Adapter 3/8" Female, 1/2" Male	35
NIB-275	Heavy Duty Extension Bar 1" Female 1/2" Male	75
NIB-2150	Heavy Duty Extension Bar 1" Female 1/2" Male	150
NIB-2300	Heavy Duty Extension Bar 1" Female 1/2" Male	300
NQC-214	Quick Change Adapter 1/4" Hex, Female, 3/8" Sq. Female	45
NIU-2	Universal Joint	53



STUD DRIVERS / TIGHTENERS (IMPACT - WITH LOCKING RING AND PIN)

3/8"

SAE SIZE		METRIC SIZE	
Part No.	AF	Part No.	AF
SD-2 1/4" UNF	1/4" UNF	SDM - 206/1.00	M6 x 1.0
SD-2 1/4" BSF	1/4" BSF	SDM - 207/1.00	M7 x 1.0
SD-2 5/16" UNF	5/16" UNF	SDM - 208/1.25	M8 x 1.25
SD-2 5/16" BSF	5/16" BSF	SDM - 208/1.00	M8 x 1.00
SD-2 3/8" UNF	3/8" UNF	SDM - 210/1.50	M10 x 1.50
SD-2 3/8" BSF	3/8" BSF	SDM - 210/1.25	M10 x 1.25



LOCKING 'O' RING & PIN

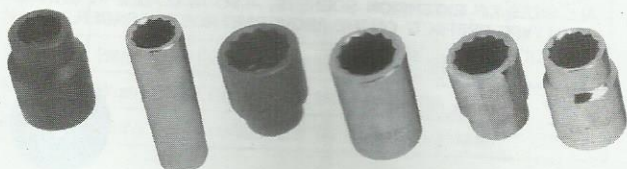
BI-HEX SOCKETS

ACCESSORIES (MANUAL)

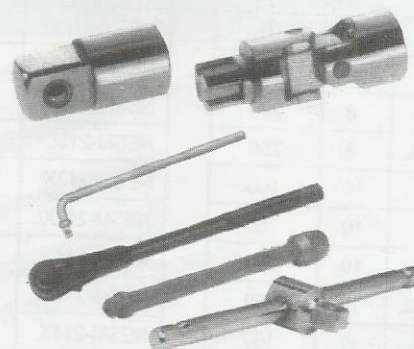
3/8"

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
B-214	1/4"	BM-206	6	10.5	21	30	60	8
-	-	BM-207	7	11	21	30	60	8
B-216	5/16"	BM-208	8	13	21	30	60	10
-	-	BM-209	9	13.5	21	30	60	10
B-218	3/8"	BM-210	10	15	21	30	60	10
B-219	7/16"	BM-211	11	17	21	30	60	10
-	-	BM-212	12	18	21	30	60	10
B-220	1/2"	BM-213	13	19	21	30	60	12
B-221	9/16"	BM-214	14	21	21	30	60	12
-	-	BM-215	15	22	22	32	60	14
B-223	5/8"	BM-216	16	24	22	32	60	14
B-224	11/16"	BM-217	17	25	22	32	60	14
-	-	BM-218	18	26	22	32	60	14
B-225	3/4"	BM-219	19	27	25	32	60	16
-	-	BM-220	20	28	25	32	60	16
B-227	13/16"	BM-221	21	29	25	32	60	16
B-228	7/8"	BM-22	22	29	25	32	60	16

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.



Part No.	Description	OAL (mm)
NSB-2	Sliding T Handle	250
NSH-2	Swivel Handle	245
NAH-2	L - Handle	140
NRR-2	Ratchet Handle	190
NSU-2	Universal Joint	53
NA-2	Adapter 3/8" Female, 1/4" Male	32
NA-3	Adapter 3/8" Female, 1/2" Male	35
NEB-275	Heavy Duty Extension Bar	75
NEB-2150	Heavy Duty Extension Bar	150
NEB-2300	Heavy Duty Extension Bar	300





SOCKETS & ACCESSORIES square drive

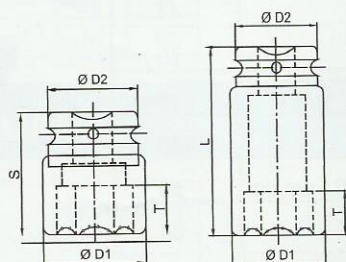
1/2"

IMPACT - SOCKETS

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-316	5/16"	SIM-308	8	16	26	38	80	10
SI-318	3/8"	SIM-310	10	17.5	26	38	80	10
SI-319	7/16"	SIM-311	11	19	26	38	80	10
-	-	SIM-312	12	20	26	38	80	12
SI-320	1/2"	SIM-313	13	22	26	38	80	12
SI-321	9/16"	SIM-314	14	23	26	38	80	12
-	-	SIM-315	15	24.5	27	38	80	12
SI-323	5/8"	SIM-316	16	26	27	38	80	14
SI-324	11/16"	SIM-317	17	27	27	38	80	14
-	-	SIM-318	18	29	30	40	80	14
SI-325	3/4"	SIM-319	19	30	30	40	80	14
-	-	SIM-320	20	32	30	40	80	14
SI-327	13/16"	SIM-321	21	33.5	30	40	80	16
SI-328	7/8"	SIM-322	22	35	30	40	80	16
-	-	SIM-323	23	36.5	30	40	80	16
SI-329	15/16"	SIM-324	24	38	36	40	80	18
SI-330	1"	-	-	41	36	40	80	18
SI-331	1.1/16"	SIM-327	27	42	36	45	80	20
SI-332	1.1/8"	-	-	46	36	45	80	20
SI-333	1.3/16"	SIM-330	30	46	36	45	80	24
SI-334	1.1/4"	SIM-332	32	48	36	45	80	24
SI-336	1.3/8"	-	-	55	36	50	80	28
SI-338	1.1/2"	-	-	55	36	50	80	28



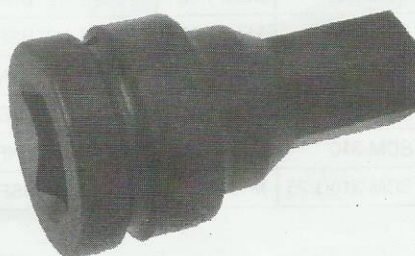
NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.



IMPACT HEX BIT SOCKETS

1/2"

SAE SIZE		METRIC SIZE			
Part No.	AF	Part No.	AF	Arrox OAL (mm)	Hexbit Length (mm)
SB-314	14"	SBM 306	6	45	20
SB-316	5/6"	SBM 308	8	45	20
SB-318	3/8"	SBM 310	10	48	20
SB-320	1/2"	SBM 312	12	55	25
SB-321	9/16"	SBM 314	14	55	25
SB-223	5/8"	SBM 317	17	60	30



IMPACT EXTENSION SOCKETS

Part No.	AF	Arrox OAL (mm)
NESM-310	10	100
NESM-310L	10	150
NESM-310X	10	200
NESM-310XL	10	250
NESM-311	11	100
NESM-311L	11	150
NESM-311X	11	200
NESM-311XL	11	250
NESM-312	12	100
NESM-312L	12	150
NESM-312X	12	200
NESM-312XL	12	250
NESM-313	13	100
NESM-313L	13	150
NESM-313X	13	200
NESM-313XL	13	250
NESM-314	14	100
NESM-314L	14	150
NESM-314X	14	200
NESM-314XL	14	250
NESM-317	17	100
NESM-317L	17	150
NESM-317X	17	200
NESM-317XL	17	250

Part No.	AF	Arrox OAL (mm)
NESM-319	19	100
NESM-319L	19	150
NESM-319X	19	200
NESM-319XL	19	250
NESM-321	21	100
NESM-321L	21	150
NESM-321X	21	200
NESM-321XL	21	250
NESM-322	22	100
NESM-322L	22	150
NESM-322X	22	200
NESM-322XL	22	250
NESM-323	23	100
NESM-323L	23	150
NESM-323X	23	200
NESM-323XL	23	250
NESM-324	24	100
NESM-324L	24	150
NESM-324X	24	200
NESM-324XL	24	250
NESM-327	27	100
NESM-327L	27	150
NESM-327X	27	200
NESM-327XL	27	250



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ALL SIZES OF EXTENSION SOCKETS, ALSO AVAILABLE IN SWIVEL JOINT TYPE, PREFIX 'S' ON THE ABOVE PART NOS FOR ORDER.

TYPICAL APPLICATION



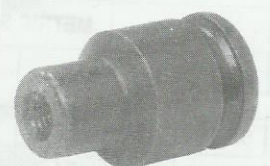
ACCESSORIES (IMPACT)

Part No.	Description	OAL (mm)
NIA-4	Adapter 1/2" Female, 3/8" Male	38
NIA-6	Adapter 1/2" Female, 3/4" Male	44
NIB-375	Heavy Duty Extension Bar	75
NIB-3125	Heavy Duty Extension Bar	125
NIB-3250	Heavy Duty Extension Bar	250
NQC-314	Quick Change Adapter 1/4" Hex Female, 1/2" Female	50
NIU-3	Universal Joint	64



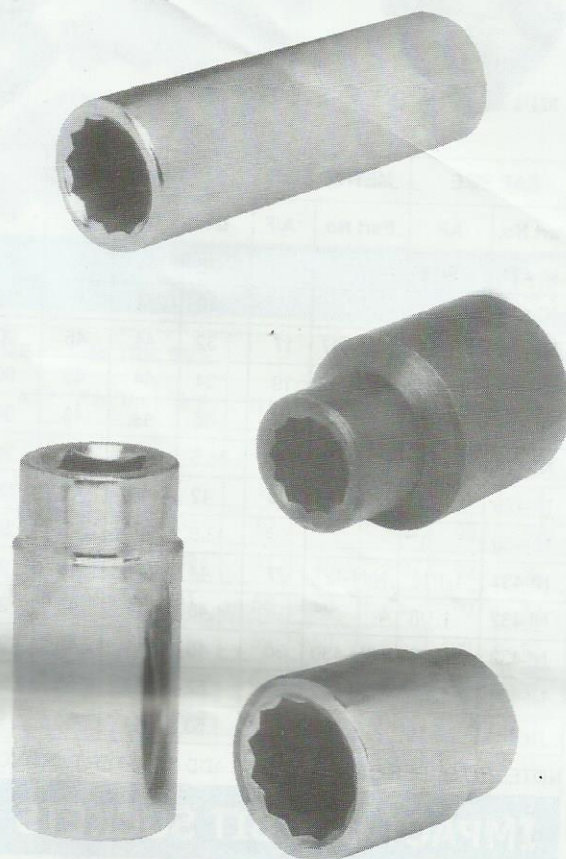
STUD DRIVERS / TIGHTENERS (IMPACT - WITH LOCKING RING AND PIN)

Part No.	Stud dia and Pitch	Part No.	Stud dia and Pitch	Part No.	Stud dia and Pitch	Part No.	Stud dia and Pitch
SD-3 1/4" UNF	1/4" UNF	SDM-306	M6 x 1.00	SD-3 1/2" UNF	1/2" UNF	SDM-312	M12 x 1.75
SD-3 1/4" BSF	1/4" BSF	SDM-307	M7 x 1.00	SD-3 1/2" BSF	1/2" BSF	SDM-312/1.25	M12 x 1.25
SD-3 5/16" UNF	5/16" UNF	SDM-308	M8 x 1.25	SD-3 9/16" UNF	9/16" UNF	SDM-314	M14 x 2.00
SD-3 5/16" BSF	5/16" BSF	SDM-308/1	M8 x 1.00	SD-3 9/16" BSF	9/16" BSF	SDM-314/1.50	M14 x 1.50
SD-3 3/8" UNF	3/8" UNF	SDM-310	M10 x 1.50	SD-3 5/8" UNF	5/8" UNF	SDM-316	M16 x 2.00
SD-3 3/8" BSF	3/8" BSF	SDM-310/1.25	M10 x 1.25	SD-3 5/8" BSF	5/8" BSF	SDM-316/1.5	M16 x 1.50



BI-HEX SOCKETS

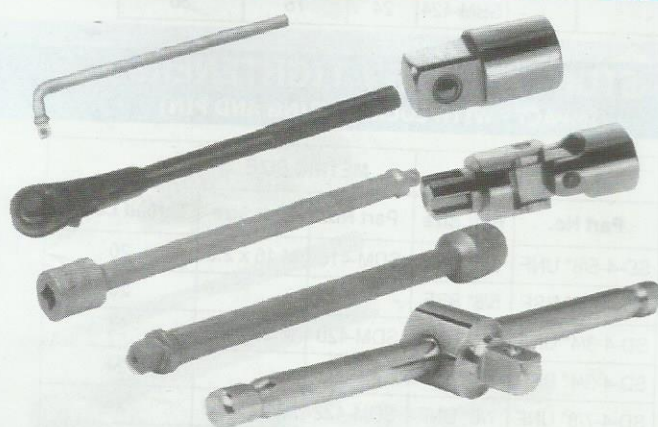
SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
-	-	BM-308	8	15	26	38	80	10
-	-	BM-309	9	15	26	38	80	10
B-318	3/8"	BM-310	10	16	26	38	80	10
B-319	7/16"	BM-311	11	18	26	38	80	10
-	-	BM-312	12	19	26	38	80	12
B-320	1/2"	BM-313	13	20	26	38	80	12
B-321	9/16"	BM-314	14	22	26	38	80	12
-	-	BM-315	15	23	26	38	80	12
B-323	5/8"	BM-316	16	24.5	26	38	80	14
B-324	11/16"	BM-317	17	26	26	38	80	14
-	-	BM-318	18	27	26	40	80	14
B-325	3/4"	BM-319	19	28	26	40	80	14
-	-	BM-320	20	29	26	40	80	16
B-327	13/16"	BM-321	21	31	28	40	80	16
B-328	7/8"	BM-322	22	33	28	40	80	16
-	-	BM-323	23	34	28	42	80	16
B-329	15/16"	BM-324	24	35	32	42	80	18
B-330	1"	BM-325	25	36.5	32	42	80	18
-	-	BM-326	26	38	32	42	80	20
B-331	1.1/16"	BM-327	27	39	32	45	80	20
B-332	1.1/8"	BM-328	28	42	32	45	80	20
B-333	1.3/16"	BM-330	30	43.5	36	45	80	24
B-334	1.1/4"	BM-332	32	45	36	46	80	24
B-335	1.5/16"	BM-334	34	48	36	48	80	24
B-336	1.3/8"	-	-	49	36	48	80	28
B-337	1.7/16"	BM-336	36	50	36	48	80	28
B-338	1.1/2"	BM-338	38	52	36	50	80	28



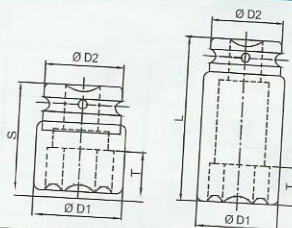
NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.

ACCESSORIES (MANUAL)

Part No.	Description	OAL (mm)
NSB-3	Sliding T Handle	300
NSH-3	Swivel Handle	380
NAH-3	L - Handle	165
NRR-3	Ratchet Handle	260
NSU-3	Universal Joint	64
NA-4	Adapter 1/2" Female, 3/8" Male	37
NA-6	Adapter 1/2" Female, 3/4" Male	44
NEB-375	Heavy Duty Extension Bar	75
NEB-3125	Heavy Duty Extension Bar	125
NEB-3250	Heavy Duty Extension Bar	250



IMPACT - SOCKETS



SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
NI-421	9/16"	-	-	28	44	45	90	13
NI-423	5/8"	-	-	30	44	45	90	14
NI-424	11/16"	NIM-417	17	32	44	45	90	14
NI-425	3/4"	NIM-419	19	34	44	45	90	16
NI-427	13/16"	-	-	36	44	48	90	16
NI-428	7/8"	NIM-422	22	38.5	44	48	90	16
NI-429	15/16"	NIM-424	24	42	44	48	90	20
NI-430	1"	-	-	43.5	44	48	90	20
NI-431	1.1/16"	NIM-427	27	44	44	48	90	23
NI-432	1.1/8"	-	-	48	44	48	90	23
NI-433	1.3/16"	NIM-430	30	48	44	48	90	23
NI-434	1.1/4"	NIM-432	32	52	44	55	90	24
NI-435	1.5/16"	-	-	53	44	55	90	24

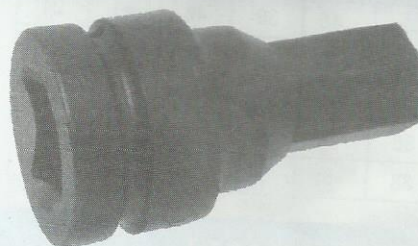
SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
NI-436	1.3/8"	-	-	55	44	55	90	24
NI-437	1.7/16"	NIM-436	36	55	44	60	90	28
NI-438	1.1/2"	NIM-438	38	59	44	60	90	28
NI-439	1.5/8"	NIM-441	41	64	44	65	90	34
NI-440	1.11/16"	-	-	68	44	65	100	34
NI-441	1.13/16"	NIM-446	46	72	54	65	100	34
NI-442	1.7/8"	-	-	74	60	65	100	34
NI-443	1.15/16"	-	-	74	60	70	100	38
NI-444	2"	NIM-450	50	76	60	70	100	38
NI-445	2.1/16"	-	-	78	60	70	110	40
NI-446	2.3/16"	NIM-455	55	84	60	70	110	40
NI-447	2.1/4"	-	-	84	70	70	120	40
NI-448	2.3/8"	NIM-460	60	88	70	75	120	40

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.

IMPACT HEX BIT SOCKETS

3/4"

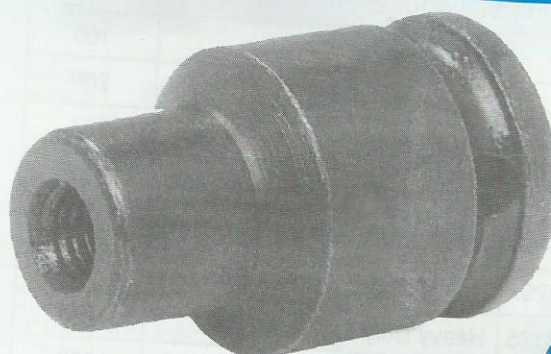
SAE SIZE		METRIC SIZE			
Part No.	AF	Part No.	AF	Arrox OAL (mm)	Hexbit Length (mm)
SB-420	1/2"	SBM-412	12	60	20
SB-421	9/16"	SBM-414	14	60	20
SB-423	5/8"	SBM-417	17	65	25
SB-425	3/4"	SBM-419	19	65	25
SB-428	7/8"	SBM-422	22	75	30
-	-	SBM-424	24	75	30



STUD DRIVERS / TIGHTENERS (IMPACT - WITH LOCKING RING AND PIN)

3/4"

SAE SIZE		METRIC SIZE		
Part No.	Bolt Size	Part No.	Bolt Size	Thread Length
SD-4-5/8" UNF	5/8" UNF	SDM-416	M 16 x 2.0	20
SD-4-5/8" BSF	5/8" BSF	-	-	20
SD-4-3/4" UNF	3/4" UNF	SDM-420	M 20 x 2.0	24
SD-4-3/4" BSF	3/4" BSF	-	-	24
SD-4-7/8" UNF	7/8" UNF	SDM-422	M 22 x 2.5	24
SD-4-7/8" BSF	7/8" BSF	-	-	24
SD-4-1" UNF	1" UNF	SDM-424	M 24 x 3.0	24
SD-4-1" BSF	1" BSF	-	-	24



IMPACT ACCESSORIES

Part No.	Description	OAL (mm)
NIU-4	Universal Joint	98
NIU-5	Adapter 3/4" Female, 1/2" Male	44
NIU-8	Adapter 3/4" Female, 3/4" Male	44
NIU-9	Adapter 3/4" Female, 1" Male	44
NIU-4175	Extension Bar	175
NIU-4210	Extension Bar	210
NIU-4430	Extension Bar	430



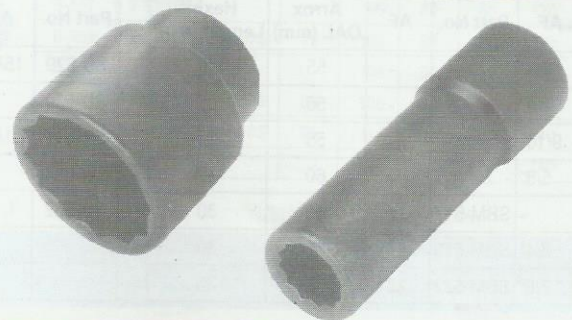
LOCKING 'O' RING & PIN

BI-HEX SOCKETS

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
B-421	9/16"	-	-	26	38	48	90	13
B-423	5/8"	-	-	28	38	48	90	14
B-424	11/16"	BM-417	17	30	38	48	90	14
B-425	3/4"	BM-419	19	32	38	50	90	16
B-427	13/16"	-	-	34	38	50	90	16
B-428	7/8"	BM-422	22	34	38	50	90	16
B-429	15/16"	BM-424	24	36	38	50	90	20
B-430	1"	-	-	38	38	50	90	20
B-431	1.1/16"	BM-427	27	40	40	50	90	23
B-432	1.1/8"	-	-	43	40	40	90	23
B-433	1.3/16"	BM-430	30	44	40	55	90	23
B-434	1.1/4"	BM-432	32	46	40	55	90	24

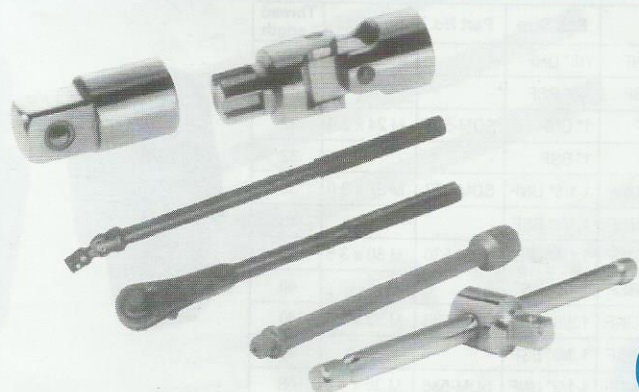
SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
B-435	1.5/16"	-	-	48	40	55	90	24
B-436	1.3/8"	-	-	49	40	55	90	24
B-437	1.7/16"	BM-436	36	52	40	55	90	28
B-438	1.1/2"	BM-438	38	54	50	60	90	28
B-439	1.5/8"	BM-441	41	56	50	63	90	32
B-440	1.11/16"	-	-	59	50	65	100	32
B-441	1.3/4"	-	-	61	50	65	100	34
B-442	1.13/16"	BM-446	46	63	50	68	100	34
B-443	1.7/8"	-	-	66	60	68	100	34
B-445	2"	BM-450	50	68	60	70	100	38
-	-	BM-455	55	76	60	70	110	40
-	-	BM-460	60	84	60	75	110	40

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.



ACCESSORIES (MANUAL)

Part No.	Description	OAL (mm)
NSB-4	T-Handle	500
NSH-4	Swivel Handle	580
NAH-4	L-Handle	350
NRR-4	Ratchet Handle	605
NSU-4	Universal Joint	98
NA-5	Adapter 3/4" Female, 1/2" Male	55
NA-9	Adapter 3/4" Female, 1" Male	65
NEB-4210	Heavy Duty Extension Bar	210
NEB-4430	Heavy Duty Extension Bar	430





SOCKETS & ACCESSORIES square drive

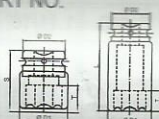
1"

IMPACT - SOCKETS

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-525	3/4"	SIM-519	19	38	54	60	110	16
SI-527	13/16"	-	-	38	54	60	110	18
SI-528	7/8"	SIM-522	22	40	54	60	110	18
SI-529	15/16"	SIM-524	24	42	54	60	110	20
SI-530	1"	-	-	44	54	60	110	20
SI-531	1.1/16"	SIM-527	27	46	54	62	110	22
SI-532	1.1/8"	-	-	48	54	62	110	22
SI-533	1.3/16"	SIM-530	30	49	54	62	110	24
SI-534	1.1/4"	SIM-532	32	52	54	62	110	24
SI-35	1.5/16"	-	-	54	54	62	110	24
SI-536	1.3/8"	-	-	55	54	64	110	28
SI-537	1.7/16"	SIM-536	36	58	54	64	110	28
SI-538	1.1/2"	SIM-538	38	62	54	64	110	28
SI-538A	1.9/16"	-	-	64	54	65	110	30
SI-539	1.5/8"	SIM-541	41	67	54	65	110	30
SI-540	1.11/16"	-	-	67	54	65	110	30
SI-541	1.3/4"	-	-	72	54	68	110	32

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-542	1.13/16"	SIM-546	46	74	54	68	110	32
SI-543	1.7/8"	-	-	74	54	68	110	32
SI-544	1.15/16"	-	-	74	70	70	110	36
SI-545	2"	SIM-550	50	77	70	70	110	36
SI-546	2.1/16"	-	-	77	70	70	120	38
SI-547	2.3/16"	SIM-555	55	84	70	74	120	38
SI-548	2.1/4"	-	-	84	70	74	120	38
SI-550	2.3/8"	SIM-560	60	88	70	76	120	40
SI-551	2.7/16"	-	-	89	70	76	120	40
SI-553	2.9/16"	SIM-565	65	98	80	80	120	44
SI-554	2.5/8"	-	-	98	80	80	120	44
SI-556	2.3/4"	SIM-570	70	104	80	85	130	48
SI-557	2.13/16"	-	-	104	80	85	130	48
SI-559	2.15/16"	SIM-575	75	112	80	90	130	50
SI-560	3"	-	-	112	80	90	130	50
SI-561	3.1/8"	SIM-580	80	118	80	95	140	55
SI-563	3.3/8"	SIM-585	85	124	80	100	140	55

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.



HEX BIT SOCKET (IMPACT)

1"

SAE SIZE		METRIC SIZE			
Part No.	AF	Part No.	AF	Arrox OAL (mm)	Hexbit Length (mm)
SB-518	3/8"	-	-	55	20
SB-520	1/2"	-	-	55	25
SB-521	9/16"	-	-	55	25
SB-523	5/8"	-	-	60	30
-	-	SBM-517	17	65	30
SB-525	3/4"	SBM-519	19	65	30
SB-528	7/8"	SBM-522	22	70	35

SAE SIZE		METRIC SIZE			
Part No.	AF	Part No.	AF	Arrox OAL (mm)	Hexbit Length (mm)
SB-529	15/16"	SBM-524	24	75	40
SB-530	1"	-	-	75	40
SB-531	1.1/16"	SBM-527	27	75	40
-	-	SBM-530	30	80	40
SB-532	1.1/8"	-	-	80	40
-	-	SBM-532	32	80	40
-	-	SBM-536	36	80	40



STUD DRIVERS / TIGHTENERS (IMPACT - WITH LOCKING RING AND PIN)

1"

Part No.	Bolt Size	Part No.	Bolt Size	Thread Length
SD-5-7/8" UNF	7/8" UNF	-	-	30
SD-5-7/8" BSF	7/8" BSF	-	-	30
SD-5-1" UNF	1" UNF	SDM-524	M 24 x 3.0	32
SD-5-1" BSF	1" BSF	-	-	32
SD-5-1.1/8" UNF	1.1/8" UNF	SDM-527	M 27 x 3.0	35
SD-5-1.1/8" BSF	1.1/8" BSF	-	-	35
SD-5-1.1/4" UNF	1.1/4" UNF	SDM-530	M 30 x 3.5	40
SD-5-1.1/4" BSF	1.1/4" BSF	-	-	40
SD-5-1.3/8" UNF	1.3/8" UNF	SDM-533	M 33 x 3.5	40
SD-5-1.3/8" BSF	1.3/8" BSF	-	-	40
SD-5-1.1/2" UNF	1.1/2" UNF	SDM-536	M 36 x 4.0	48
SD-5-1.1/2" BSF	1.1/2" BSF	-	-	48





SOCKETS & ACCESSORIES square drive

1"

ACCESSORIES (IMPACT)

Part No.	Description	OAL (mm)
SIA-10	Adapter 1" Female, 3/4" Male	70
SIA-11	Adapter 1" Female, 1.1/2" Male	90
SIB-5175	Heavy Duty Extension Bar	175
	1" Female 1" Male	
SIB-5200	Heavy Duty Extension Bar	200
	1" Female 1" Male	
SIB-5400	Heavy Duty Extension Bar	400
	1" Female 1" Male	
SIU-5	Universal Joint	100



LOCKING 'O' RING & PIN

BI-HEX SOCKETS

1"

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
B-531	1.1/16"	BM-527	27	40	48	60	110	22
B-532	1.1/8"	-	-	46	48	60	110	22
-	-	BM-530	30	46	48	60	110	24
B-534	1.1/4"	BM-532	32	48	48	60	110	24
B-535	1.5/16"	-	-	50	48	60	110	24
B-536	1.3/8"	-	-	54	48	62	110	28
B-537	1.7/16"	BM-536	36	55	48	62	110	28
B-538	1.1/2"	BM-538	38	57	48	62	110	28
B-539	1.5/8"	BM-541	41	60	50	65	110	30
B-540	1.11/16"	-	-	63	50	65	110	30
B-542	1.13/16"	BM-546	46	66	60	70	110	32
B-543	1.7/8"	-	-	66	60	70	110	32
B-544	1.15/16"	-	-	69	60	72	110	36
B-545	2"	BM-550	50	71	60	72	110	36



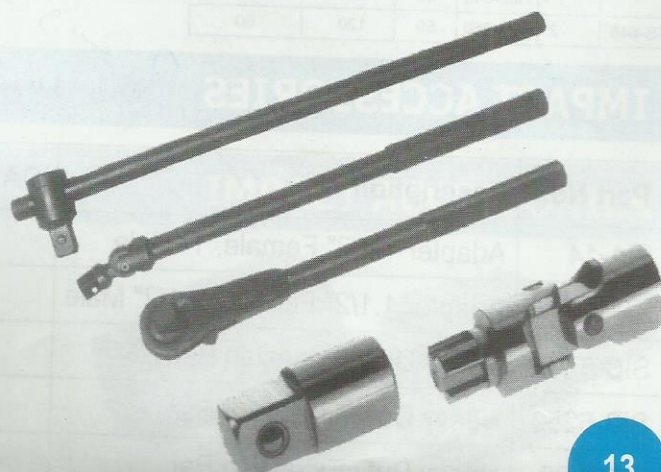
SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
B-546	2.1/16"	-	-	74	60	72	110	38
B-547	2.3/16"	BM-555	55	78	60	75	120	38
B-548	2.1/4"	-	-	82	60	75	120	38
B-550	2.3/8"	BM-560	60	84	60	78	120	40
B-551	2.7/16"	-	-	86	60	78	120	40
B-553	2.9/16"	BM-565	65	90	80	80	120	44
B-554	2.5/8"	-	-	94	80	80	120	44
B-556	2.3/4"	BM-570	70	96	80	85	120	44
B-557	2.13/16"	-	-	99	80	85	120	48
B-559	2.15/16"	BM-575	75	102	80	90	120	48
B-560	3"	-	-	104	80	90	120	50
B-561	3.1/8"	BM-580	80	108	80	95	140	55
B-563	3.8/8"	BM-585	85	114	80	100	140	55
B-564	3.1/2"	-	-	122	80	100	140	55

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.

ACCESSORIES (MANUAL)

1"

Part No.	Description	OAL (mm)
NSB-5	T-Handle	750
NSH-5	Swivel Handle	815
NAH-5	L-Handle	600
NRR-5	Ratchet Handle	885
NSU-5	Universal Joint	-
NA-10	Adapter 1" Female, 3/4" Male	70
NA-11	Adapter 1" Female, 1.1/2" Male	90
NEB-5200	Heavy Duty Extension Bar	200
NEB-5400	Heavy Duty Extension Bar	400





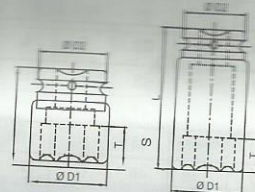
SOCKETS & ACCESSORIES square drive

IMPACT SOCKETS

Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-631	1.1/16"	-	-	54	86	80	130	20
SI-632	1.1/8"	-	-	58	86	80	130	20
SI-636	1.3/8"	-	-	64	86	80	130	25
SI-637	1.7/16"	SIM-336	36	64	86	80	130	25
SI-638	1.1/2"	SIM-338	38	69	86	80	130	28
SI-638A	1.9/16"	-	-	69	86	80	130	30
SI-639	1.5/8"	SIM-641	41	69	86	80	130	34
SI-640	1.11/16"	-	-	69	86	80	130	34
SI-641	1.3/4"	-	-	69	86	80	130	34
SI-642	1.13/16"	SIM-646	46	76	86	85	130	34
SI-643	1.7/8"	-	-	76	86	85	130	34
SI-645	2"	SIM-650	50	81	86	90	130	36
SI-646	2.1/16"	-	-	81	86	90	130	38
SI-647	2.3/16"	SIM-655	55	86	86	95	140	38
SI-648	2.1/4"	-	-	86	86	95	140	38
SI-650	2.3/8"	SIM-660	60	96	86	95	140	42
SI-651	2.7/16"	-	-	96	86	95	140	42

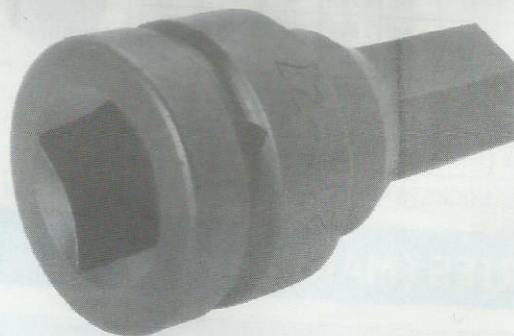
Part No.	AF	Part No.	A/F	D1	D2	S	L
SI-653	2.9/16"	SIM-665	65	102	86	100	140
SI-654	2.5/8"	-	-	102	86	100	140
SI-656	2.3/4"	SIM-670	70	108	86	100	150
SI-657	2.13/16"	-	-	108	86	100	150
SI-659	2.15/16"	SIM-675	75	116	86	105	150
SI-660	3"	-	-	116	86	105	150
SI-661	3.1/8"	SIM-680	80	120	86	110	150
SI-663	3.3/8"	SIM-685	85	130	86	110	170
SI-664	3.1/2"	SIM-690	90	134	125	115	170
SI-665	3.3/4"	SIM-695	95	138	125	120	170
SI-666	3.7/8"	SIM-6100	100	148	125	125	190
SI-668	4.1/8"	SIM-6105	105	153	125	135	190
SI-669	4.1/4"	-	-	154	125	135	190
-	-	SIM-6110	110	158	150	135	200
SI-670	4.1/2"	SIM-6115	115	159	150	140	200
SI-671	4.5/8"	SIM-6120	120	177	150	145	200

NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.



HEX BIT SOCKETS (IMPACT)

SAE SIZE		METRIC SIZE			
Part No.	AF	Part No.	AF	Arrox OAL (mm)	Hexbit Length (mm)
SB-630	1"	-	-	110	40
SB-631	1.1/16"	-	-	110	40
SB-632	1.1/8"	HIM-630	30	110	40
SB-634	1.1/4"	HIM-632	32	110	40
-	-	HIM-636	36	115	45
SB-638	1.1/2"	-	-	115	45
-	-	HIM-641	41	120	55
SB-641	1.3/4"	-	-	120	60
-	-	HIM-646	46	120	60
SB-645	2"	HIM-650	50	120	60



IMPACT ACCESSORIES

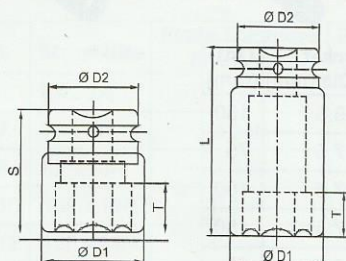
Part No.	Description	OAL (mm)
SIA-14	Adapter 1.1/2" Female, 1" Male	110
SIA-16	Adapter 1.1/2" Female, 2.1/2" Male	135
SIB-6200	Heavy Duty Extension Bar	200
SIB-6250	Heavy Duty Extension Bar	250
SIB6500	Heavy Duty Extension Bar	500



IMPACT - SOCKETS

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-750	2 3/8"	SIM-760	60	120	125	120	190	40
SI-753	2 9/16"	SIM-765	65	125	125	120	190	40
SI-756	2 3/4"	SIM-770	70	130	125	120	190	45
SI-759	2 15/16"	SIM-775	75	130	125	130	190	50
SI-761	3 1/8"	SIM-780	80	135	125	140	190	57
SI-763	3 3/8"	SIM-785	85	140	125	140	190	57
SI-764A	3 5/8"	SIM-790	90	145	125	140	190	60
SI-765	3 3/4"	SIM-795	95	155	125	150	190	65
SI-766	3 7/8"	-	-	155	125	150	190	65
SI-767	4"	SIM-7100	100	160	125	150	200	70
SI-768	4 1/8"	SIM-7105	105	165	125	160	200	75
SI-769A	4 3/8"	SIM-7110	110	174	150	160	210	80
SI-770	4 1/2"	SIM-7115	115	180	150	170	210	85
SI-771	4 5/8"	-	-	180	150	175	220	90
SI-772	4 3/4"	SIM-7120	120	185	150	175	220	90
SI-773	4 7/8"	-	-	185	150	175	220	90
SI-774	5"	-	-	195	150	175	220	95
-	-	SIM-7130	130	195	150	175	220	95
SI-775	5 3/8"	SIM-7135	135	205	150	180	220	98
SI-778	5 3/4"	SIM-7145	145	220	150	180	230	100
-	-	SIM-7150	150	230	180	190	250	105
SI-781	6 1/8"	SIM-7155	155	230	180	190	250	105
-	-	SIM-760	160	240	180	190	-	105
SI-784	6 1/2"	SIM-7165	165	240	180	200	-	115
SI-787	6 7/8"	SIM-7175	175	255	180	200	-	115
SI-790	7 1/4"	SIM-7185	185	270	180	210	-	125
SI-793	7 5/8"	SIM-7195	195	275	180	210	-	125
SI-796	8"	SIM-7200	200	290	180	225	-	135

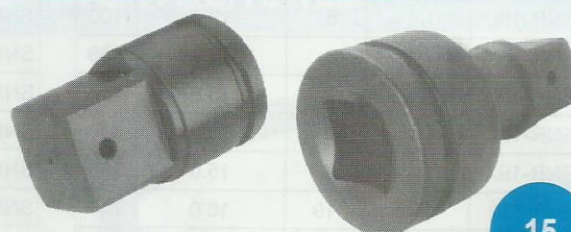
NOTE : TO ORDER DEEP SOCKETS ADD "L" AFTER PART NO.



2.1/2"

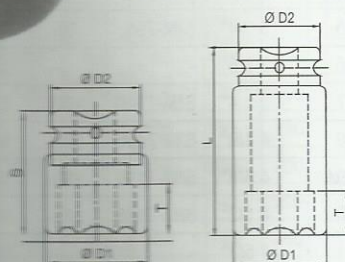
IMPACT ACCESSORIES

Part No.	Description	OAL (mm)
SIA-17	Adapter 2.1/2" Female, 1.1/2" Male	165
SIA-18	Adapter 2.1/" Female, 3.1/2" Male	210
SIB-7255	Heavy Duty ExtensionBar	255
SIB-7380	Heavy Duty ExtensionBar	380
SIB-7510	Heavy Duty ExtensionBar	510



IMPACT - SOCKETS

SAE SIZE		METRIC SIZE						
Part No.	AF	Part No.	A/F	D1	D2	S	L	T
SI-871	4.5/8"	SIM-8120	120	180	175	182	277	72
SI-873	4.7/8"	SIM-8130	130	193	175	190	280	80
SI-874	5.1/4"	SIM-8135	135	197	175	198	280	83
SI-875	5.3/8"	SIM-8145	145	213	175	214	295	86
SI-877	5.5/8"	SIM-8150	150	218	175	214	295	90
SI-878	5.3/4"	SIM-8155	155	225	175	214	297	92
SI-884	6.1/2"	SIM-8165	165	237	175	231	313	98
SI-886	6.3/4"	SIM-8170	170	243	175	231	313	100
SI-887	6.7/8"	SIM-8175	175	249	175	231	313	102
SI-888	7"	SIM-8180	180	255	175	237	320	108
SI-889	7.5/8"	SIM-8185	185	275	175	245	329	118
SI-890	8"	SIM-8190	190	280	175	250	332	120
SI-891	8.1/2"	SIM-8195	195	298	175	250	346	125
SI-892	8.7/8"	SIM-8200	200	317	175	270	353	132
SI-893	9"	SIM-8205	205	325	175	275	362	136



IMPACT ACCESSORIES

Part No.	Description	OAL (mm)
NZA-19	Adapter 3.1/2" Female, 2.1/2" Male	240
NZB-8510	Heavy Duty Extension Bar	510
NZB-8750	Heavy Duty Extension Bar	750



NUT SETTERS/RUNNERS Hex Drive



Part No.	Hex Drive	Across Flat	Socket Nose Dia (mm)	OAL (mm)
SNR-16	1/4"	6	11.0	75
SNR-16L	1/4"	6	11.0	100
SNR-16X	1/4"	6	11.0	150
SNR-17	1/4"	7	12.0	75
SNR-17L	1/4"	7	12.0	100
SNR-17X	1/4"	7	12.0	150
SNR-18	1/4"	8	13.0	75
SNR-18L	1/4"	8	13.0	100
SNR-18X	1/4"	8	13.0	150
SNR-19	1/4"	9	15.0	75
SNR-19L	1/4"	9	15.0	100
SNR-19X	1/4"	9	15.0	150
SNR-110	1/4"	10	16.0	75
SNR-110L	1/4"	10	16.0	100

Part No.	Hex Drive	Across Flat	Socket Nose Dia (mm)	OAL (mm)
SNR-110X	1/4"	10	16.0	150
SNR-111	1/4"	11	17.5	75
SNR-111L	1/4"	11	17.5	100
SNR-111X	1/4"	11	17.5	150
SNR-112	1/4"	12	18.5	75
SNR-112L	1/4"	12	18.5	100
SNR-112X	1/4"	12	18.5	150
SNR-113	1/4"	13	19.5	75
SNR-113L	1/4"	13	19.5	100
SNR-113X	1/4"	13	19.5	150
SNR-114	1/4"	14	20.5	75
SNR-114L	1/4"	14	20.5	100
SNR-114X	1/4"	14	20.5	150

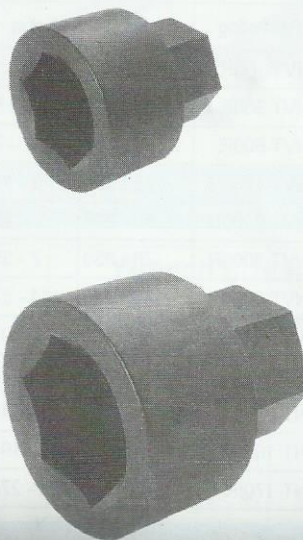
NOTE : WE CAN ALSO CATE THE NEEDS OF N RUNNERS OF ALL SIZES FIXED AND SPRING LOA MAGNETS FOR BOLT CLEA TYPE NEEDS.



HEAVY DUTY INSERT SOCKETS

INSERT SOCKETS

Part No.	Male/ Female Hex A/F	Part No.	Male/ Female Hex A/F	Bolt Clearance hole (mm) N	O.D. (mm)	OAL (mm)
NIS-29	15/16"	NISM-24	24	24	50	75
NIS-31	1.1/16"	NISM-27	27	24	52	75
NIS-32	1.1/8"	NISM-30	30	24	54	75
NIS-34	1.1/4"	NISM-32	32	24	54	75
NIS-35	1.5/16"	NISM-33	33	24	56	75
NIS-36	1.3/8"	NISM-35	35	24	58	75
NIS-37	1.7/16"	NISM-36	36	26	60	75
NIS-38	1.1/2"	NISM-38	38	28	62	75
NIS-39	1.5/8"	NISM-41	41	29	66	85
NIS-40	1.11/16"	NISM-43	43	31	68	85
-	-	NISM-44	44	31	68	85
NIS-42	1.13/16"	NISM-46	46	32	72	88
NIS-43	1.7/8"	NISM-47	47	34	74	88
NIS-45	2"	NISM-50	50	37	78	94
NIS-46	2.1/16"	NISM-52	52	37	80	94
NIS-47	2.3/16"	NISM-55	55	38	84	96
NIS-48	2.1/4"	-	-	40	86	96
NIS-50	2.3/8"	NISM-60	60	41	90	108
NIS-51	2.7/16"	-	-	43	92	108
NIS-53	2.9/16"	NISM-65	65	44	96	112



Part No.	Male/ Female Hex A/F	Part No.	Male/ Female Hex A/F	Bolt Clearance hole (mm) N	O.D. (mm)	OAL (mm)
NIS-54	2.5/8"	-	-	47	98	112
NIS-56	2.3/4"	NISM-70	70	48	102	120
NIS-57	2.13/16"	-	-	50	105	120
NIS-59	2.15/16"	NISM-75	75	52	109	127
NIS-60	3"	-	-	53	111	127
NIS-61	3.1/8"	NISM-80	80	55	115	135
NIS-63	3.3/8"	NISM-85	85	60	122	140
NIS-64	3.1/2"	NISM-90	90	65	126	145
NIS-65	3.3/4"	NISM-95	95	70	134	150
NIS-66	3.7/8"	NISM-100	100	70	138	155
NIS-68	4.1/8"	NISM-105	105	80	146	155
NIS-69	4.1/4"	NISM-110	110	84	150	175
NIS-70	4.1/2"	NISM-115	115	88	160	180
NIS-71	4.5/8"	NISM-120	120	90	162	190
NIS-73	4.7/8"	NISM-125	125	90	170	190
NIS-74	5"	NISM-130	130	92	173	205
NIS-76	5.1/4"	NISM-135	135	97	182	205
NIS-77	5.3/8"	-	-	100	186	210
NIS-79	5.5/8"	NISM-140	140	104	189	210
NIS-80	5.3/4"	NISM-145	145	109	194	215

Newtool Spring Loaded Slotted Bit Finder

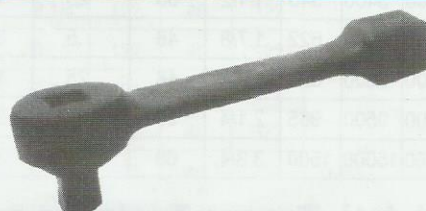
Newtool Spring Loaded slotted Screw Bit Finder is used widely in automobile assembly lines. Its main function is to easily locate & to tighten the screws in a faster manner. It is available for a range of slotted screws as shown in below given table.

Part No.	Screw Size	Blade Thickness (in inches)	Blade Width (in inches)
NUBF - 6	6F - 7R	0.038	0.250
NUBF - 7	7F - 8R	0.040	0.275
NUBF - 8	8F - 10R	0.042	0.312
NUBF - 10	10F - 12R	0.046	0.360
NUBF - 12	12F - 14R	0.050	0.375
NUBF - 14	14F - 16R	0.055	0.475



SQUARE DRIVE TYPE SLUGGING WRENCHES

Model No.	Sq. Drive	D mm	D mm
TSW-75	3/4"	62	210
TSW-100	1"	76	290
TSW-150	1.1/2"	116	380

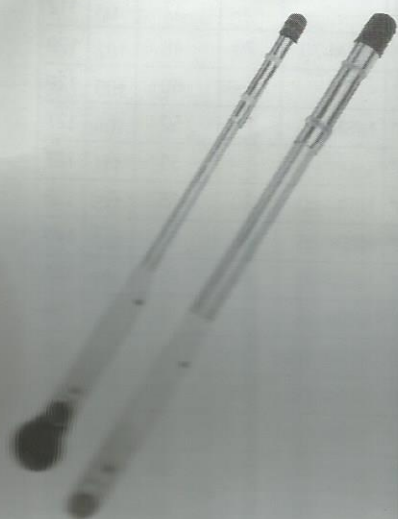




TORQUE TOOLS

TORQUE WRENCHS A Precision Tool Cum Instrument :

Newtool Click type torque Wrenches are of an innovative design concept, providing consistently accurate reading and rugged, (Trouble Free) Performance. Our Torque Wrenches have a proven performance record and we offer a Free Replacement Gaurantee on our complete range of Torque Wrenches, against any premature failure.



MODEL		TORQUE RANGE				SQUARE DRIVE	OVERALL LENGTH	UNIT WEIGHT
Non-Ratcheting	Ratcheting	Nm	Kgf.m	Lbf.in	Lb.ft	Inches	mm	Kgs.
NVT-100A	NVT-100R	2.5 - 11	0.3 - 1.1	20-100	2 - 8	3/8	317	0.65
NVT-300A	NVT-300R	5 - 3.5	0.5 - 3.5	40-300	4 - 25	3/8	422	0.85
NVT-600A	NVT-600R	12 - 68	12 - 7	100-600	10 - 50	1/2	476	1.5
NVT-1200A	NVT-1200R	25 - 135	3 - 14	200-1200	20 - 100	1/2	476	2.0
NVT-2000A	NVT-2000R	50 - 225	5 - 23	400-2000	40 - 160	1/2	546	3.0
NVT-3000A	NVT-3000R	70 - 330	7 - 35	600-3000	50 - 250	1/2	597	4.0
NVT-5000A	NVT-5000R	140 - 560	14 - 57	1200-5000	100 - 410	3/4	1130	7.0
NVT-8400A	NVT-8400R	480 - 940	48 - 95	4200-8400	350 - 700	1	1397	12.0
NVT-7200A	NVT-7200R	135 - 780	14 - 78	1200-7200	100 - 500	3/4	1080	7.0
NT-55	NT-55R	540 - 1380	55 - 140	-	400 - 1000	1	1280	18.0
NT-105	NT-105R	1000 - 1900	105 - 195	-	750 - 1400	1	1260	18.0
NT-170	NT-170R	1350 - 2700	135 - 275	-	1000 - 2000	1	1470	23.0

We also offer Wrenches of following types :

Open Jaw Fixed Head Type

These types of Torque Wrenches available in standard Across Flat sizes from 10mm to 46mm with torque present to one value as per bolt torque capacity or customer requirements. These torque wrenches can be used directly on bolt, there is no need of sockets.



Bi-Hex Ring Type

These types of Torque Wrenches available in standard Across Flat sizes from 10mm to 46mm with torque present to one value as per bolt torque capacity or customer requirements. These torque wrenches can be used directly on bolt, there is no need of sockets.



Preset Torque Production Type

These type of torque Wrenches are designed specifically for use on production lines where many fasteners to the same torque value. It improves working efficiency of workman and the production works will complete faster.



NEWTOLLS HAND TORQUE MULTIPLIERS

HAND TORQUE MODEL NO.	MAXIMUM OUTPUT TROQUE			ESTIMATED BOLT CAPACITY (S. QUALITY)		MULTIPLICATION FACTOR	FEMALE INPUT SQUARE		MAJOR DIA	DEPTH	RECOMMENDED TROQUE WRENCH	APPROX. WEIGHT WITH REACTION PLATE
	Lb.ft	Nm	Kgf.m	in	mm		in	Lbf.in			Inches	Kgs.
BM-1	1250	1700	170	1.1/8	27	5	1/2	3/4	115	87	NVT-3000A	4.5
BM-2	1250	1700	170	1.1/8	27	5	3/4	1	115	90	NVT-3000A	5.0
BM-2/25	1250	1700	170	1.1/8	27	25	1/2	1	115	120	NVT-600A	7.0
BM-5	2000	2700	275	1.3/8	36	5	3/4	1	136	91	NVT-5000A	8.0
BM-5/25	2000	2700	275	1.3/8	36	25	1/2	1	136	120	NVT-1200A	11.0
BM-6	2500	3400	345	1.1/2	38	5	3/4	1.1/2	136	91	NVT-7200A	8.5
BM-6/25	2500	3400	345	1.1/2	38	25	1/2	1.1/2	136	120	NVT-1200A	11.5
BM-7	4500	6000	622	1.7/8	48	5	3/4	1.1/2	168	115	NT-55	15.5
BM-7/25	4500	6000	622	1.7/8	48	25	1/2	1.1/2	168	190	NVT-3000A	19.5
BM-9/25	7000	9500	965	2.1/4	56	25	3/4	2.1/2	220	225	NVT-5000A	27.0
BM-11/25	11060	15000	1500	3.3/4	68	25	3/4	2.1/2	220	280	NVT-7200A	45.0



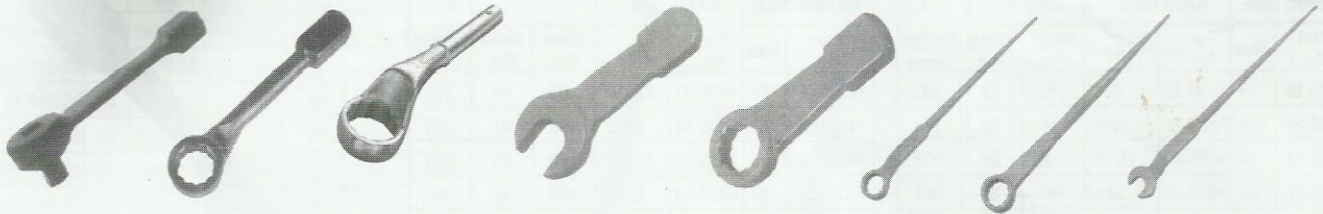
Leight Weigth Torque Tools are available as per special requirement.



HEAVY DUTY SLUGGING/STRIKING WRENCHES

STRIKING/SLUGGING WRENCHES

Striking wrenches are designed to be Struck by a hammer on the anvil area, in the order to loosen frozen fasteners or to set and tighten fasteners. anvil are proportional to wrench opening size. Specially selected alloy steel & the best suited heat treatment provides, maximum durability for long life and to withstand the severe working conditions.

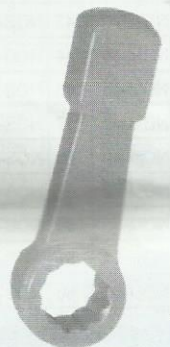


STRAIGHT RING TYPE SLUGGING WRENCH

Specially Designed for most reggued industrial application. Straight Handle design resists springing while allowing the fastener to turn easier.

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE				
Part No.	Size	Part No.	Size	Head Dia.	Head Thk.	Lenght (mm)
NSM-19	19	NS-25	3/4"	54	18	175
NSM-22	22	NS-28	7/8"	54	18	175
NSM-24	24	NS-29	15/16"	54	18	175
NSM-27	27	NS-31	1.1/16"	54	18	175
NSM-29	29	NS-32	1.1/8"	54	18	175
NSM-30	30	NS-33	1.3/16"	68	22	210
NSM-32	32	NS-34	1.1/4"	68	22	210
NSM-33	33	NS-35	1.5/16"	68	22	210
NSM-35	35	NS-36	1.3/8"	68	22	210
NSM-36	36	NS-37	1.7/16"	68	22	210
NSM-38	38	NS-38	1.1/2"	68	22	210
NSM-41	41	NS-39	1.5/8"	80	28	245
NSM-43	43	NS-40	1.11/16"	80	28	245
NSM-44	44	NS-41	1.3/16"	80	28	245
NSM-46	46	NS-42	1.13/16"	80	28	245
NSM-47	47	NS-43	1.7/8"	80	28	245
NSM-50	50	NS-45	2"	80	28	245
NSM-52	52	NS-46	2.1/16"	102	35	285
NSM-55	55	NS-47	2.3/16"	102	35	285
NSM-57	57	NS-48	2.1/4"	102	35	285
NSM-60	60	NS-50	2.3/8"	102	35	285
NSM-62	62	NS-51	2.7/16"	102	35	285
NSM-63	63	NS-52	2.1/2"	102	35	285
NSM-65	65	NS-53	2.9/16"	102	35	285
NSM-67	67	NS-54	2.5/8"	122	40	322
NSM-70	70	NS-56	2.3/4"	122	40	322
NSM-71	71	NS-57	2.13/16"	122	40	322
NSM-75	75	NS-59	2.15/16"	122	40	322
NSM-76	76	NS-60	3"	122	40	322
NSM-80	80	NS-61	3.1/8"	122	40	322
NSM-85	85	NS-63	3.1/8"	130	40	340

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE				
Part No.	Size	Part No.	Size	Head Dia.	Head Thk.	Lenght (mm)
NSM-90	90	NS-64	3.5/8"	54	18	175
NSM-95	95	NS-65	3.3/4"	54	18	175
-	-	NS-66	3.7/8"	54	18	175
NSM-100	100	NS-67	4"	54	18	175
NSM-105	105	NS-68	4.1/8"	54	18	175
NSM-110	110	NS-69	4.1/4"	68	22	210
NSM-115	115	NS-70	4.1/2"	68	22	210
NSM-120	120	NS-72	4.3/4"	68	22	210
NSM-125	125	NS-73	4.7/8"	68	22	210
NSM-130	130	NS-74	5"	68	22	210
NSM-135	135	NS-75	5.3/8"	68	22	210
NSM-140	140	NS-76	5.1/2"	80	28	245
NSM-145	145	NS-78	5.3/4"	80	28	245
NSM-150	150	NS-80	6"	80	28	245
NSM-155	155	NS-81	6.1/8"	80	28	245
NSM-160	160	NS-82	6.1/4"	80	28	245
NSM-165	165	NS-84	6.1/2"	80	28	245
NSM-170	170	NS-86	6.3/4"	102	35	285
NSM-175	175	NS-87	6.7/8"	102	35	285
NSM-180	180	NS-89	7.1/8"	102	35	285
NSM-185	185	NS-90	7.1/4"	102	35	285
NSM-190	190	NS-92	7.1/2"	102	35	285
NSM-195	195	NS-93	7.5/8"	102	35	285
NSM-200	200	NS-95	7.7/8"	102	35	285
NSM-205	205	NS-97	8.1/8"	122	40	322
NSM-210	210	NS-98	8.1/4"	122	40	322
NSM-215	215	NS-100	8.1/2"	122	40	322
NSM-220	220	NS-101	8.5/8"	122	40	322
NSM-225	225	NS-103	8.7/8"	122	40	322
NSM-230	230	NS-105	9.1/8"	122	40	322





HEAVY DUTY SLUGGING/STRIKING WRENCHES

OFFSET HANDLE RING TYPE SLUGGING WRENCH

Offset Handle designed close to head to provide clearance in confined areas. A complete range of Offset striking wrenches up to 130 mm provides most extension line on market

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE		Head Dia.	Head Thk.	Length (mm)
Part No.	Size	Part No.	Size			
NOM-19	19	NOS-25	3/4"	56	22	250
NOM-22	22	NOS-28	7/8"	56	22	250
NOM-24	24	NOS-29	15/16"	56	24	265
NOM-27	27	NOS-31	1.1/16"	56	24	265
NOM-29	30	NOS-33	1.3/16"	56	24	265
NOM-32	32	NOS-34	1.1/4"	56	25	270
NOM-33	33	NOS-35	1.5/16"	56	25	270
NOM-35	35	NOS-36	1.3/8"	60	32	300
NOM-36	36	NOS-37	1.7/16"	60	32	300
NOM-38	38	NOS-38	1.1/2"	60	32	300
NOM-41	41	NOS-39	1.5/8"	60	32	300
NOM-43	43	NOS-40	1.11/16"	60	32	300
NOM-44	44	NOS-41	1.3/16"	60	32	300
NOM-46	46	NOS-42	1.13/16"	60	32	300
NOM-47	47	NOS-43	1.7/8"	60	32	300
NOM-50	50	NOS-45	2"	62	36	340
NOM-52	52	NOS-46	2.1/16"	85	38	360
NOM-55	55	NOS-47	2.3/16"	90	38	360
NOM-57	57	NOS-48	2.1/4"	90	38	360
NOM-60	60	NOS-50	2.3/8"	96	41	380

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE		Head Dia.	Head Thk.	Length (mm)
Part No.	Size	Part No.	Size			
NOM-62	62	NOS-51	2.7/16"	100	44	380
NOM-63	63	NOS-52	2.1/2"	102	44	380
NOM-65	65	NOS-53	2.9/16"	105	45	380
NOM-67	67	NOS-54	2.5/8"	108	44	380
NOM-70	70	NOS-56	2.3/4"	112	48	400
NOM-71	71	NOS-57	2.13/16"	112	50	400
NOM-75	75	NOS-59	2.15/16"	120	55	400
NOM-76	76	NOS-60	3"	122	50	400
NOM-80	80	NOS-61	3.1/8"	122	60	405
NOM-85	85	NOS-63	3.1/8"	122	60	405
NOM-90	90	NOS-64	3.5/8"	122	60	405
NOM-95	95	NOS-65	3.3/4"	122	60	405
NOM-100	100	NOS-67	4"	122	60	405
NOM-105	105	NOS-68	4.1/8"	122	65	540
NOM-110	110	NOS-69	4.1/4"	180	65	540
NOM-115	115	NOS-70	4.1/2"	186	65	540
NOM-120	120	NOS-72	4.3/4"	194	70	540
NOM-125	125	NOS-73	4.7/8"	200	70	540
NOM-130	130	NOS-74	5"	205	70	540



OPEN JAW SLUGGING WRENCHES

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE		Head Dia.	Head Thk.	Length (mm)
Part No.	Size	Part No.	Size			
NDM-19	19	NDS-25	3/4"	54	18	190
NDM-22	22	NDS-28	7/8"	54	18	190
NDM-24	24	NDS-29	15/16"	54	18	190
NDM-27	27	NDS-31	1.1/16"	54	18	190
NDM-29	29	NDS-32	1.1/8"	54	18	190
NDM-30	30	NDS-33	1.3/16"	54	18	190
NDM-32	32	NDS-34	1.1/4"	80	18	210
NDM-33	33	NDS-35	1.5/16"	80	18	210
NDM-35	35	NDS-36	1.3/8"	80	18	210
NDM-36	36	NDS-37	1.7/16"	80	18	210
NDM-38	38	NDS-38	1.1/2"	80	18	210
NDM-41	41	NDS-39	1.5/8"	110	22	275
NDM-43	43	NDS-40	1.11/16"	110	22	275
NDM-44	44	NDS-41	1.3/16"	110	22	275
NDM-46	46	NDS-42	1.13/16"	110	22	275
NDM-47	47	NDS-43	1.7/8"	110	22	275
NDM-50	50	NDS-45	2"	110	22	275
NDM-52	52	NDS-46	2.1/16"	135	25	325
NDM-55	55	NDS-47	2.3/16"	135	25	325
NDM-57	57	NDS-48	2.1/4"	135	25	325
NDM-60	60	NDS-50	2.3/8"	135	25	325

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE		Head Dia.	Head Thk.	Length (mm)
Part No.	Size	Part No.	Size			
NDM-62	62	NDS-51	2.7/16"	150	32	362
NDM-63	63	NDS-52	2.1/2"	150	32	362
NDM-65	65	NDS-53	2.9/16"	150	32	362
NDM-67	67	NDS-54	2.5/8"	150	32	362
NDM-70	70	NDS-56	2.3/4"	150	32	362
NDM-71	71	NDS-57	2.13/16"	172	36	405
NDM-75	75	NDS-59	2.15/16"	172	36	405
NDM-76	76	NDS-60	3"	172	36	405
NDM-80	80	NDS-61	3.1/8"	172	36	405
NDM-85	85	NDS-63	3.1/8"	180	38	430
NDM-90	90	NDS-64	3.5/8"	195	40	455
NOM-95	95	NDS-65	3.3/4"	195	40	455
NDM-98	98	NDS-66	3.7/8"	206	40	455
NDM-100	100	NDS-67	4"	210	47	500
NDM-105	105	NDS-68	4.1/8"	220	47	500
NDM-110	110	NDS-69	4.1/4"	226	47	500
NDM-115	115	NDS-70	4.1/2"	238	56	550
NDM-120	120	NDS-72	4.3/4"	247	56	550
NDM-125	125	NDS-73	4.7/8"	255	56	550
NDM-130	130	NDS-74	5"	275	60	575

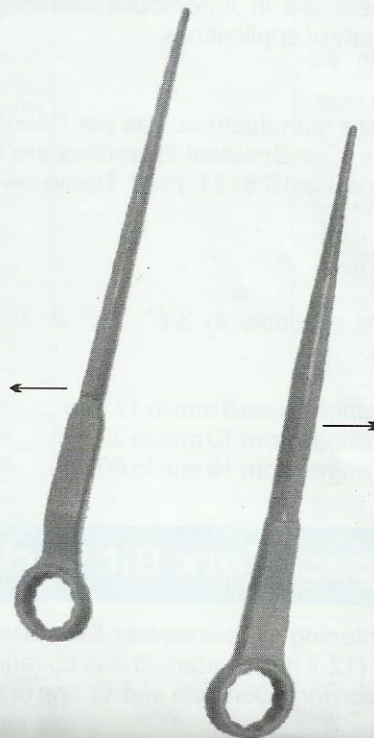




HEAVY DUTY STRUCTURAL WRENCHES (TAPERED HANDLE)

OFFSET HANDLE RING TYPE

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE				
Part No.	Size	Part No.	Size	Head Dia.	Head Thk.	Length (mm)
SOMS-21	21	SOS-27	18/16"	36	16	370
SOMS-23	23	SOS-28	7/8"	38	16	370
SOMS-24	24	SOS-29	15/16"	38	16	370
SOMS-26	26	SOS-30	1"	42	18	400
SOMS-27	27	SOS-31	1.1/16"	42	18	400
SOMS-28	28	SOS-32	1.1/8"	42	21	415
SOMS-32	32	SOS-34	1.1/4"	49	21	435
SOMS-34	34	SOS-35	1.5/16"	49	24	485
SOMS-36	36	SOS-37	1.7/16"	58	24	485
SOMS-38	38	SOS-38	1.1/2"	58	26	515
SOMS-41	41	SOS-39	1.5/8"	62	29	540
SOMS-43	43	SOS-40	1.11/16"	62	29	540
SOMS-46	46	SOS-42	1.13/16"	69	31	565
SOMS-48	48	SOS-43	1.7/8"	69	31	590
SOMS-50	50	SOS-45	2"	76	34	590
SOMS-55	55	SOS-47	2.3/16"	82	37	660
SOMS-60	60	SOS-50	2.3/8"	90	40	680
SOMS-65	65	SOS-54	2.9/16"	98	38	740
SOMS-70	70	SOS-56	2.3/4"	106	38	740

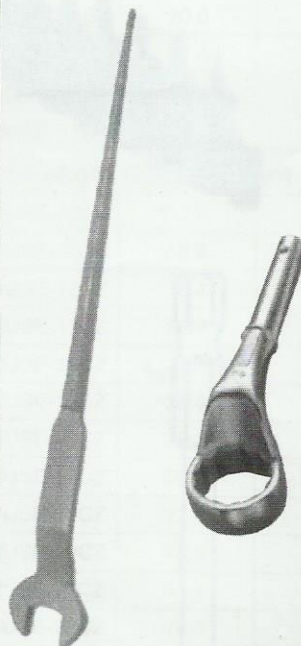


STRAIGHT HANDLE RING TYPE

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE				
Part No.	Size	Part No.	Size	Head Dia.	Head Thk.	Length (mm)
SSM-27	27	SS-31	1.1/16"	42	18	400
SSM-28	28	SS-32	1.1/8"	42	21	415
SSM-30	30	SS-33	1.3/16"	45	22	415
SSM-32	32	SS-34	1.1/4"	49	22	435
SSM-34	34	SS-35	1.5/16"	49	24	485
SSM-36	36	SS-37	1.7/16"	58	24	485
SSM-38	38	SS-38	1.1/2"	58	26	515
SSM-41	41	SS-39	1.5/8"	62	29	540
SSM-43	43	SS-40	1.11/16"	62	29	565
SSM-46	46	SS-42	1.13/16"	69	32	590
SSM-48	48	SS-43	1.7/8"	69	32	590
SSM-50	50	SS-45	2"	76	34	625
SSM-52	52	SS-46	2.1/16"	76	37	660
SSM-55	55	SS-47	2.3/16"	82	37	660
SSM-57	57	SS-48	2.1/4"	82	38	680
SSM-60	60	SS-50	2.3/8"	90	38	680
SSM-62	62	SS-51	2.7/16"	90	38	740
SSM-65	65	SS-54	2.9/16"	98	38	740
SSM-67	67	SS-53	2.5/8"	98	38	740
SSM-70	70	SS-56	2.3/4"	106	40	740
SSM-72	72	SS-57	2.13/16"	106	40	800
SSM-75	75	SS-59	2.15/16"	114	40	800
SSM-76	76	SS-60	3"	114	40	800

OFFSET HANDLE OPEN JAW TYPE

Wrench Size (A/F)						
METRIC SIZE		SAFE SIZE				
Part No.	Size	Part No.	Size	Head Dia.	Head Thk.	Length (mm)
NDOM-16	16	NDO-23	5/8"	35	12	305
NDOM-17	17	NDO-24	11/16"	38	12	305
NDOM-19	19	NDO-25	3/4"	42	12	305
NDOM-22	22	NDO-27	13/16"	56	16	445
NDOM-23	23	NDO-28	7/8"	56	16	445
NDOM-24	24	NDO-29	15/16"	56	16	445
NDOM-26	26	NDO-30	1"	56	16	445
NDOM-27	27	NDO-31	1.1/16"	56	16	445
NDOM-28	28	NDO-32	1.1/8"	56	16	445
NDOM-30	30	NDO-33	1.3/16"	56	16	445
NDOM-32	32	NDO-34	1.1/4"	84	24	648
NDOM-36	36	NDO-37	1.7/16"	84	24	648
NDOM-38	38	NDO-38	1.1/2"	84	24	648
NDOM-41	41	NDO-39	1.5/8"	112	27	775
NDOM-43	43	NDO-40	1.11/16"	112	22	775
NDOM-46	46	NDO-42	1.13/16"	112	24	775
NDOM-48	48	NDO-43	1.7/8"	112	24	775
NDOM-50	50	NDO-44	1.15/16"	112	27	775
NDOM-55	55	NDO-45	2"	160	30	850
NDOM-60	60	NDO-48	2.3/8"	160	30	850



OFFSET BOX WRENCH TUBULAR

Wrench Size (A/F)									
METRIC SIZE		SAFE SIZE							
Part No.	AF	Part No.	AF	Ø D	T	H	L1	L2	
TOMHM-24	24	TOMH-29	15/16"	38	17	30	95	180	
TOMHM-27	27	TOMH-31	1.1/16"	41	17	32	100	190	
TOMHM-30	30	TOMH-33	1.3/16"	48	18	34	105	200	
TOMHM-32	32	TOMH-34	1.1/4"	49	18	34	119	235	
TOMHM-36	36	TOMH-37	1.7/16"	54	20	36	125	245	
TOMHM-41	41	TOMH-39	1.5/8"	62	22	40	138	265	
TOMHM-46	46	TOMH-42	1.13/16"	69	23	40	151	280	
TOMHM-50	50	TOMH-45	2"	76	26	43	161	290	
TOMHM-55	55	TOMH-47	2.3/16"	81	28	46	164	300	
TOMHM-60	60	TOMH-50	2.3/8"	90	31	49	189	345	
TOMHM-65	65	TOMH-53	2.9/16"	98	33	53	197	355	
TOMHM-70	70	TOMH-56	2.3/4"	105	36	55	205	365	
TOMHM-75	75	TOMH-59	2.15/16"	110	38	58	208	375	
TOMHM-80	80	TOMH-61	3.1/8"	125	41	59	215	385	
TOMHM-85	85	TOMH-63	3.3/8"	125	41	59	215	385	
TOMHM-90	90	TOMH-64	3.1/2"	140	45	63	240	410	
TOMHM-95	95	TOMH-65	3.3/4"	140	45	63	240	410	
TOMHM-100	100	TOMH-66	3.7/8"	143	45	63	242	412	
TOMHM-105	105	TOMH-68	4.1/8"	146	45	63	245	415	



Newtool HEAVY DUTY CROW FOOT WRENCHES :

Description & Uses :

NEWTOL CROW FOOT WRENCHES as the name suggests are shaped as a Crow's Foot. These wrenches are mainly used for assembling of those nuts and bolts which are inaccessible and the movement of ordinary spanners not possible. Common uses of these spanners are in Automobile and Engineering Case Equipment Manufacturing Industries, although it can be used for a variety of applications.

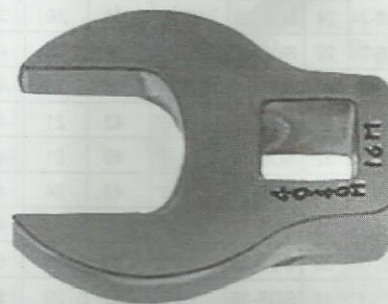
Technical Details :

NEWTOL CROW FOOT WRENCHES are manufactured as per Clients requirements and needs too. A suitable hardness is maintained for the Wrenches. Our Crowfoot Wrenches are manufactured as per IS Standards. Torque Values for these wrenches are in accordance with IS:6131-1980. These are coated in black rust resistant industrial finish.

Sizes : In Metric (mm sizes)

Newtool CROW FOOT WRENCHES are available in 3/8", 1/2" & 3/4" Square Drive Sizes. Below are brief details.

1. For 3/8" Square Drive - Across Flat size ranges from 8 mm to 17 mm.
2. For 1/2" Square Drive - Across Flat size ranges from 10 mm to 30 mm.
3. For 3/4" Square Drive - Across Flat size ranges from 19 mm to 60 mm.

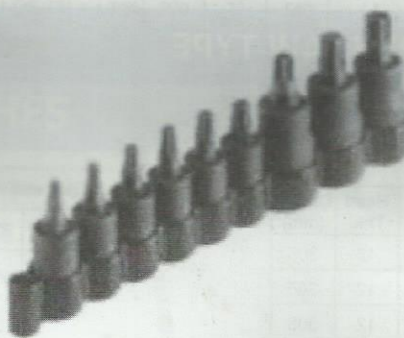


Newtool Impact Torx Bit Socket (Integral)

Newtool Torx Bit Sockets are used for tightening of Torx screws & bolts with pneumatic / hydraulic impact wrenches. These are available in 3/8" (9.5 mm) & 1/2" (12.7 mm) square drives covering Torx point sizes ranging from T10 to T40. These impact Torx Bit sockets has a provision for locking pin and 'O' ring onto the impact wrench. These are widely used in automobile assembly lines.

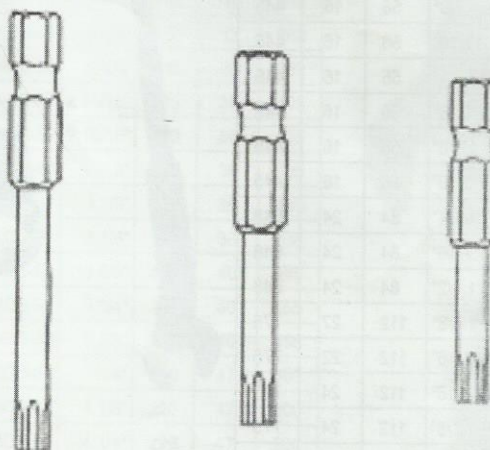
3/8" Square Drive:

Part No.	Point Size	Overall Length (in mm)
NUTXM-10BI	T10	44
NUTXM-15BI	T15	44
NUTXM-20BI	T20	44
NUTXM-25BI	T25	44
NUTXM-27BI	T27	44
NUTXM-30BI	T30	44
NUTXM-40BI	T40	44



1/2" Square Drive :

Part No.	Point Size	Overall Length (in mm)
NUTXM-10CI	T10	50
NUTXM-15CI	T15	50
NUTXM-20CI	T20	50
NUTXM-25CI	T25	50
NUTXM-27CI	T27	50
NUTXM-30CI	T30	50
NUTXM-40CI	T40	50



We can also manufacture specific sizes not mentioned in our above tables, as per clients requests.



Newtool SWIVEL IMPACT EXTENSION SOCKETS

NEWTOOL SWIVEL IMPACT SOCKETS / EXTENSION SOCKETS :

Newtool Swivel Impact Socket has a swivel joint as a built in feature. These are useful for tightening of nuts located at difficult angular positions, which cannot be reached with standard sockets. These are available in 3/8" (9.5 mm) and 1/2" (12.7 mm) square drives to cover nut sizes from 7 mm to 24 mm across flat. Newtool Swivel Impact Extension Sockets are used where requirements of bolt clearance exists.

3/8" (9.5 mm) Swivel Socket : (Metric - mm sizes)

PART NO.	ACROSS FLATS	DIA AT HEX END	DIA AT SQUARE END	OVERALL LENGTH
NUSM-7BI	7	12.7	19	58
NUSM-8BI	8	13.5	19	58
NUSM-10BI	10	16.4	20	58
NUSM-11BI	11	16.9	20	58
NUSM-12BI	12	19.0	20	58
NUSM-13 BI	13	20.0	22	62
NUSM-14BI	14	21.0	22	62
NUSM-15BI	15	22.8	22	62
NUSM-16BI	16	23.9	22	62
NUSM-17BI	17	24.8	22	62
NUSM-18BI	18	26.6	22	65
NUSM-19BI	19	26.6	22	65

3/8" (9.5 mm) Swivel Socket : (Metric - mm sizes)

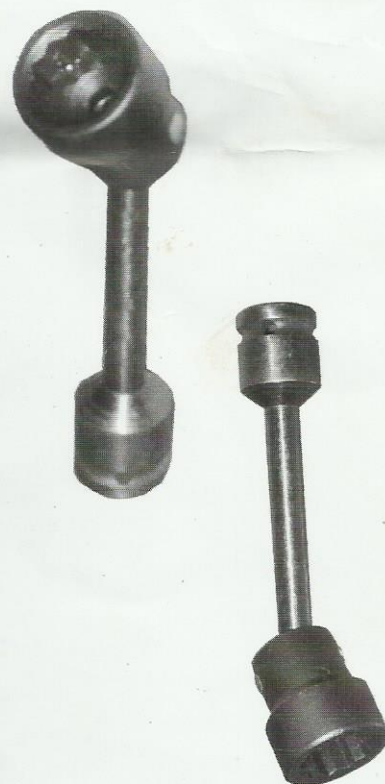
PART NO.	ACROSS FLATS	DIA AT HEX END	DIA AT SQUARE END	OVERALL LENGTH
NUSM-10C	10	17.6	26	70
NUSM-11C	11	18.9	26	70
NUSM-12C	12	19.4	26	70
NUSM-13C	13	21.7	26	70
NUSM-14C	14	22.6	26	74
NUSM-15C	15	23.8	26	74
NUSM-16C	16	25.1	26	80
NUSM-17C	17	26.2	26	80
NUSM-18C	18	27.6	26	80
NUSM-19C	19	28.5	30	80
NUSM-21C	21	31.4	30	80
NUSM-22C	22	32.6	30	80
NUSM-23C	23	33.9	30	80
NUSM-24C	24	35.1	30	80

3/8" (9.5 mm) Swivel Socket : (Metric - mm sizes)

OVERALL LENGTH	100	150	200	DIA AT HEX END	DIA AT SQUARE END
ACROSS FLATS	PART NO.	PART NO.	PART NO.		
7	NUSE-7BX	NUSE-7BY	NUSE-7BZ	12.7	19
8	NUSE-8BX	NUSE-8BY	NUSE-8BZ	13.5	19
10	NUSE-10BX	NUSE-10BY	NUSE-10BZ	16.4	19
11	NUSE-11BX	NUSE-11BY	NUSE-11BZ	16.9	20
12	NUSE-12BX	NUSE-12BY	NUSE-12BZ	19.0	20
13	NUSE-13BX	NUSE-13BY	NUSE-13BZ	20.0	20
14	NUSE-14BX	NUSE-14BY	NUSE-14BZ	21.0	22
16	NUSE-16BX	NUSE-16BY	NUSE-16BZ	23.9	22
17	NUSE-17BX	NUSE-17BY	NUSE-17BZ	24.8	22

1/2" (12.7 mm) Swivel Extension Socket : (Metric - mm sizes)

10	NUSE-10CX	NUSE-10CY	NUSE-10CZ	17.6	25
11	NUSE-11CX	NUSE-11CY	NUSE-11CZ	18.9	25
12	NUSE-12CX	NUSE-12CY	NUSE-12CZ	19.4	25
13	NUSE-13CX	NUSE-13CY	NUSE-13CZ	21.7	25
14	NUSE-14CX	NUSE-14CY	NUSE-14CZ	22.6	25
15	NUSE-15CX	NUSE-15CY	NUSE-15CZ	23.8	26
16	NUSE-16CX	NUSE-16CY	NUSE-16CZ	25.1	26
17	NUSE-17CX	NUSE-17CY	NUSE-17CZ	26.2	26
18	NUSE-18CX	NUSE-18CY	NUSE-18CZ	27.6	26
19	NUSE-19CX	NUSE-19CY	NUSE-19CZ	28.5	28
21	NUSE-21CX	NUSE-21CY	NUSE-21CZ	31.4	28
22	NUSE-22CX	NUSE-22CY	NUSE-22CZ	32.6	30
23	NUSE-23CX	NUSE-23CY	NUSE-23CZ	33.9	30
24	NUSE-24CX	NUSE-24CY	NUSE-24CZ	35.1	30



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