



DEMOLITION TOOLS



UTENSILI





SKI SRL manufactures seal kits and diaphragms for most of the leading hydraulic breaker brands: MONTABERT, FURUKAWA, RAMMER, ATLAS COPCO, KRUPP, INDECO, SOCOMEC, NPK, ITALDEM, OKADA, TABE, TOYO, CAT, EURORAM, PROMOVE, ROTAIR, KENT, MSB, SOOSAN, MTB, D&A, TOKU, STANLEY, RHIINO, ARROWHEAD, BOBCAT, CHICAGO PNEUMATIC, JCB, KOMATSU. SKI manufactures and sells spare parts (pistons, bushings, tools, tie rods, retainer pins, front heads, seal kits, diaphragms, and shock absorbers) and tools of all brands and it is also specialized in repairing hydraulic breakers, thanks to our employees' high skills. A continue cost-control strategy and a well-stocked warehouse allows SKI to be competitive in the market from both cost and delivery time perspectives.

SKI S.R.L. also offers its own brand of hydraulic hammers (LC and IM) and compactors (IC) to the market.



SKI SRL produce i kit e le membrane delle più note case costruttrici di martelli idraulici come ad esempio: MONTABERT, KRUPP, FURUKAWA, INDECO, SOCOMEC, NPK, RAMMER, ATLAS COPCO, ITALDEM, OKADA, TABE, TOYO, TOKU, CAT, EURORAM, PROMOVE, ZAMO, ROTAIR, KENT, MSB. SKI produce e commercializza anche ricambi (pistoni, boccole, punte, tiranti, distanziali, fermautensili, testate inferiori, kit guarnizioni, membrane, ammortizzatori) ed utensili compatibili con tutte le marche oltre ad occuparsi della riparazione di martelli idraulici di tutte le case costruttrici.

Il controllo dei costi e il capiente magazzino, permettono ad SKI di essere competitiva sul mercato sia dal punto di vista dei costi che da quello dei tempi di consegna.

SKI offre sul mercato anche la propria gamma di martelli idraulici (LC e IM) e compattatori (IC).

Demolition Tools Catalogue

CONTENTS

CONTENTS	PAGE
Warranty	2
Tool Selection	2
Care and Use	3
Chisel Orientation	4
Catalogue Numbering System	5
Hammer Type & Tool Reference	5-12
Arrowhead	13-14
Atlas Copco	15-21
Caterpillar	22-24
Everdigm	25-27
Furukawa	28-32
Hanwoo	33-34
Indeco	35-38
Italdem	39-41
Krupp	42-46
Montabert	47-54
MSB	55-58
NPK	59-64
Promove	65-66
Rammer	67-76
Rotair	77
Socomec	78-80
Soosan	81-83
Toku	84-86
Toyo	87-89
Catalogue number index	90-94
Warranty Guide	95-96

WARRANTY

Padley & Venables' tools are guaranteed against defects in raw material and manufacture.

No other warranty is implied or expressed. The company's liability in respect of any warranty claims is limited to replacement and does not extend to any other expenditure incurred or to any consequential damage. Warranty claims are subject to immediate notification of any problems and return of the goods to MASTERMECH SRL under their returned goods system. See pages 95 & 96 for our full warranty details

TOOL SELECTION

Correct selection of tools is the first step in obtaining maximum life from the product.



Conical Point

for general demolition work where penetrative breaking is required.



Wide Chisels

for increased productivity in softer materials. Tarmac Cutters - as Wide Chisels but with 90 degree orientation for cutting/trenching.



Pyramid Points

for use where increased breakout forces are required



Rail Guard

for driving in rail guards.



XType Point

for use in soft or high dust operations.



Blunts

for impact breaking, eg. secondary breaking and also scaling in mines and tunnels, etc.



Chisels

as for Points but also where a cutting action is required, eg. trenching and benching
Note: Chisels give higher wear rates and stress levels in the retainer flat areas of the tool.



Upset Blunt

Blunt with increased diameter at working end to give increased life and wear resistance.



Grooved Chisel

for use in soft or high dust operations.



Rammer Stems & Pads

for compacting loose ground.



Driving Tool

for driving in posts, pipes etc.



Hard Rock Chisels

for hard and abrasive rock conditions

CARE AND USE

Working Angle

Critical to tool life is using the tool at the correct working angle of 90° to the working surface. Failure to do this will result in high contact pressure between the tool and the bushings and the likelihood of galling between the surfaces. In turn this can lead to premature failure of the tool plus damage and rapid wear to the bushings. Worn bushings can allow the tool to be angled over to a position where the striking face is hit at an angle by the piston.

Lubrication

Lubrication of the tool/bushing with the correct quality high temperature/high pressure grease at regular intervals is essential. Such greases are best able to cope with the extreme contact pressures generated by an incorrect working angle, leverage and excessive bending etc.

USE OF CHEAP SUBSTITUTES (OR NO GREASE AT ALL) IS FALSE ECONOMY AND WILL RESULT IN PREMATURE TOOL FAILURE.

Blank Firing

Continuing to use the hammer when the tool is not or only partially in contact with the work surface will result in the tool being fired down on to the retainer pin. This will cause heavy wear and damage to the upper retainer flat radius area and the retaining pin itself.

Tools should be examined regularly, eg. every 40 hours for damage in this area which should then be ground out.

At the same time as the tool is examined the opportunity should be taken to check the tool bushings for wear and damage with a view to replacement or reconditioning as necessary.

Overheating

Avoid continuous working in one position. Do not strike in one spot for more than 10 - 15 seconds before changing the tool to another position. Failure to do this can lead to excessive heat build-up at the working end with 'mushrooming' as a consequence.

Leverage/Bending

Using the tool as a lever to help break the ground is a common tool breaker. Avoid leverage and excessive bending at all times.

Loose running

Keep the boom and hammer feed sufficient to ensure that the tool is held against the hammer shoulder stop, at all times when working.

Tool Reconditioning

Under most normal conditions the tool will not need reconditioning. However, tools that have lost their shape on the working end can cause high stresses throughout the tool and hammer.

Reconditioning by milling or turning is recommended. Welding or flame cutting is not recommended as the heat generated could cause structural changes within the material which in turn can lead to premature failure or rapid wear.

CATALOGUE NUMBERING SYSTEM

All catalogue numbers start with the letter 'D', followed by a 3 digit number, which is the MASTERMECH SRL designation for the hammer type, eg. **D001-0410P**.

The second section defines the tool length and type, eg. D001-**0410P**. The first 4 digits eg. **0410** represent the tool length in millimetres, whilst the working end configuration is defined by a letter:

'P' = Point (Conical)	'WC' = Wide Chisel, followed by blade width, eg. D001-0410WC-120
'C' = Chisel	'TC' = Tarmac Cutter (in-line wide chisel) eg. D001-0410TC-120
'B' = Blunt	'HRC' = Hard Rock Chisel
'PP' = Pyramid Point	
'XP' = 'X' point	
'GC' = grooved chisel	
'BU' = blunt upset	

For correct selection of tool types see page 2

Note: For special tools such as Railguards, Rammer Stem & Pads and Driving Tools, please contact our sales office.

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
ALLIED		
HY-RAM 77	165	43
HY-RAM 88	171	44
HY-RAM 99	ON REQUEST	
HY-RAM 700	159	42
HY-RAM 710/711	161	42
HY-RAM 711B	162	42
HY-RAM 715	163	42
HY-RAM 720	ON REQUEST	
HY-RAM 725	164	43
HY-RAM 730	167	43
HY-RAM 735	168	43
HY-RAM 740	169	43
HY-RAM 745	170	44
HY-RAM 750	172	44
HY-RAM 750B	173	44
HY-RAM 755	174	44
HY-RAM 770	ON REQUEST	
HY-RAM 770B	175	44
HY-RAM 775CS	176	45
HY-RAM 780	ON REQUEST	
HY-RAM 785	177	45
HY-RAM 790/795	ON REQUEST	
HY-RAM 795CS	178	45
HY-RAM 797	179	45
HY-RAM 800/805	180	45
HY-RAM 905	182	46
AR48	ON REQUEST	
AR62	ON REQUEST	

MACHINE	FIGURE NO.	PAGE NO.
AR70B	241	57
AR75B	242	57
AR85	243	57
AR95	244	57
AR110B	ON REQUEST	
AR120	247	58
AR130B	248	58
AR140	249	58
AR160C	250	58
AS342	12	15
AS352	13	15
AS362	14	15
AS370	15	15
AS380	16	15
ARDEN		
AB 100/102	ON REQUEST	
AB 150/152/210/212	ON REQUEST	
AB 280/282/292/350/352	ON REQUEST	
AB 450/500/502	ON REQUEST	
AB 1050/1052	ON REQUEST	
AB 1350/1352	ON REQUEST	
AB 1850/1852	ON REQUEST	
AB 3350/3352/3552	ON REQUEST	
ARROWHEAD		
2T	281	63
4T	283	63
6T	ON REQUEST	
10T	8	14

MACHINE	FIGURE NO.	PAGE NO.
16T	ON REQUEST	
22T	ON REQUEST	
S10	1	13
S20	2	13
S30 MK1 (WITH COLLAR)	3	13
S30 MK3 (WITHOUT COLLAR)	4	13
S40	5	13
S50	6	13
S60	7	13
S100	8	14
S130	9	14
S180	10	14
S230	11	14
ATLAS COPCO		
PB110	12	15
PB160	13	15
PB210	14	15
PB310	15	15
PB420/530	16	15
SB50, SBC 60	17	15
SB52	18	16
SB100, SBC 115	19	16
SB102	20	16
SB150, SB152, SBC 255	21	16
SB200, SB202, SBC 410	22	16
SB300/SB302, SBC 610, SBC650	23	16
SB300 SCALER	24	17
TEX250H	25	17
TEX 250H SCALER	26	17

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
SB450, SBC 800/850, SB452	27	17
SB450 SCALER	ON REQUEST	
SB552	28	17
SB702	29	17
MB500	33	18
MB700/800	34	18
MB750	35	18
MB1000	36	19
MB1200	37	19
MB1500	38	19
MB1600	39	19
MB1700	40	19
HB2000	41	19
HB2200	42	20
HB2500	43	20
HB3000/HB3100	44	20
HB3600	45	20
HB4200	46	20
HB4700	47	21
HB5800	48	21
HB7000	49	21
HBC 1100/1700	29	17
HBC 2500	30	18
HBC 4000	31	18
HBC 6000	32	18
TEX 30	17	15
TEX 100H/75H	19	16
TEX 110H	21	16
TEX 180H	22	16
TEX 250H	25	17
TEX 250H SCALER	26	17
TEX 300	ON REQUEST	
TEX 400H/HS	27	17
TEX 600H/700H/900H	29	17
TEX 1400H	30	18
TEX 1800H/2000H	31	18

BERCO		
BB42	12	15
BB52	13	15
BB62	14	15
BB70	15	15
BB80	16	15

BOBCAT		
B280	201	50
B300	191	48
B380	202	50
B500	192	48
B580	203	50
B680	204	50
B600/B700	193	48
B850/B950	194	48
B880	205	50
B980	206	51
B1180	207	51
1250	ON REQUEST	
B1200/B1400	196	49
1560	ON REQUEST	
1750	304	67
2500/2560/2570/3500/3560/3570	ON REQUEST	

MACHINE	FIGURE NO.	PAGE NO.
5500	ON REQUEST	
6560	ON REQUEST	
BROKK		
BROKK 40	17	15
BROKK 50	18	16
BROKK 90	21	16
BROKK 160/180	22	16
BROKK 250/260	23	16
BROKK 330	27	17
BROKK 400	28	17
BROKK 800	36	19

BTI		
BTI BT110	ON REQUEST	
BTI BT285	ON REQUEST	
BTI BT310	ON REQUEST	
BTI BT510	ON REQUEST	
BTI BT710	ON REQUEST	
BTI BT810	ON REQUEST	
BTI BT910	ON REQUEST	
BTI BT1710	ON REQUEST	
BTI BT2010	ON REQUEST	
BTI BT2225	ON REQUEST	

CASE		
CB18	ON REQUEST	
CB27	ON REQUEST	
CB32	ON REQUEST	
CB37	ON REQUEST	
CB45	ON REQUEST	
CB65	ON REQUEST	
CB80	ON REQUEST	
CB85	ON REQUEST	
CB90	ON REQUEST	
CB120	ON REQUEST	
CB135	ON REQUEST	
CB150	ON REQUEST	
CB240	ON REQUEST	
CB260S	ON REQUEST	
CB290	ON REQUEST	
CB320S	ON REQUEST	
CB370S	ON REQUEST	
CB400S	ON REQUEST	
CB550S	ON REQUEST	
CB700S	ON REQUEST	
CB1450	ON REQUEST	
CB2850	ON REQUEST	

CATERPILLAR		
CAT H45/H45FT	303	67
CAT H50/H50FT	304	67
CAT H63/H63FT	305	67
CAT H70/H70FT	307	67
CAT H90/H90FT	309	68
CAT H100/H100FT	311	68
CAT 110/B110	312	68
CAT H115S	321	70
CAT 115C/116	313	68
CAT H120S	314	68
CAT H130S	324	70
CAT C130	315	69

MACHINE	FIGURE NO.	PAGE NO.
CAT 140/B140S/H140AS	317	69
CAT H140CS,140DS	325	70
CAT 160/B160/H160AS	318	69
CAT H160CS.H160DS	327	71
CAT 170/B170/H170	319	69
CAT H180S	329	71
CAT H180DS	330	71
CAT 195/B195/H195	331	71
CAT H35DS	50	22
CAT H45DS	51	22
CAT H55DS	52	22
CAT H65DS	53	22
CAT H35ES	54	22
CAT H45ES	55	22
CAT H55ES	56	22
CAT H65ES	57	23
CAT H75ES	58	23
CAT H95ES	59	23
CAT H110ES	60	23
CAT H115ES	61	23
CAT H120ES	62	23
CAT H130ES	63	23
CAT H140ES	64	24
CAT H160ES	65	24
CAT H180ES	66	24

CHICAGO PNEUMATIC (CP)		
CP100 / RX2	12	15
CP150 / RX3	13	15
CP200 / RX4	14	15
CP300 / RX6	15	15
CP400 / CP550 / RX8 / RX11	16	15
CP750 / RX14	170	44
CP1150	173	44
CP1550 / CP1650 / RX22	175	44
CP2250 / RX29/RX30	177	45
RX38	43	20
CP2350	31	18
CP3050 / RX45 / RX46	44	20
CP4250 / RX53 / RX54	46	20

D&A		
S80, 8V	ON REQUEST	
S150, 200, 15V, 17V, 20V	ON REQUEST	
S300, S500, 30V, 40V, 50V	ON REQUEST	
S700, 70V	ON REQUEST	
S1300, 130V	ON REQUEST	
150V, 151V	ON REQUEST	
180V, 1800	ON REQUEST	
S2200, 200V, 220V	ON REQUEST	
S3000, 300V	ON REQUEST	
S3600, 360V	ON REQUEST	
450V	ON REQUEST	

DAEMO		
DMB S150V	ON REQUEST	
DMB S500V	ON REQUEST	
DMB S900V	ON REQUEST	
DMB S1300V	ON REQUEST	
DMB S1800V / DMB S2000V	ON REQUEST	
DMB S2200, 2200 II, S2300V	ON REQUEST	
DMB S3000V / S3600V	ON REQUEST	

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
DMB S5000V	ON REQUEST	
DMB50	ON REQUEST	
DMB90	ON REQUEST	
DMB140	ON REQUEST	
DMB180	ON REQUEST	
DMB210	ON REQUEST	
DMB230	ON REQUEST	
DMB300 / 360	ON REQUEST	

DAINONG (DNB)		
DNB K20	82	28
DNB K25	98	30
DNB K30	99	31
DNB K50	101	31
DNB K80 / 100	103	31
DNB K120	104	31
DNB D50	309	68
DNB D60	313	68
DNB D70 / 90	315	69
DNB D110	317	69
DNB D130	ON REQUEST	
DNB D160	319	69
DNB D20 IIS	ON REQUEST	
DNB D25 IIS	ON REQUEST	
DNB D60 IIS	ON REQUEST	
DNB D70 IIS / D90IIS	ON REQUEST	
DNB D110 IIS	ON REQUEST	
DNB D160 IIS	ON REQUEST	

DEHACO		
DBH15	393	81
DBH91	ON REQUEST	
DBH380	406	83
DBH450	ON REQUEST	
DHB 35	425	87
DHB 55	426	87
DHB 75	427	87
DHB165	428	87
DHB 305	430	87
DHB 405	431	88
DHB 805	432	88
DHB 1250	433	88
DHB 1305	434	88
DHB 1605 (1405)	435	88
DHB 2305	436	88
DHB 3205 (4105)	432	88
DHB100S	ON REQUEST	
DHB150S	ON REQUEST	
DHB200S	ON REQUEST	
DHB250S	ON REQUEST	
DHB300S	ON REQUEST	
DHB350S	ON REQUEST	
DHB400S	ON REQUEST	
DHB1000S	ON REQUEST	
DHB1500S / DHB120	102	31
DHB2000S	103	31
DHB3600S	104	31
DHB4200S	ON REQUEST	

DEMOTER (VISTIRINI)		
S65	ON REQUEST	
DM90, DM95E, S85	ON REQUEST	

MACHINE	FIGURE NO.	PAGE NO.
DM120, S130	ON REQUEST	
DM160, S170	ON REQUEST	
DM160RE	98	30
DM220 / 240 , S230	ON REQUEST	
DM240RE	85	28
S300 / 360	ON REQUEST	
DM400S	ON REQUEST	
S430	167	43
S550	ON REQUEST	
S800	ON REQUEST	

DOOSAN		
DXB100H	221	53
DXB130H	222	53
DXB170H	223	53
DXB190H	224	54
DXB260H	225	54

DRAGO		
DRH50 / 60 / 70 / 80	409	84
DRH120	410	84
DRH150	411	84
DRH180 / 250	412	84
DRH280	413	85
DRH650S / 900	415	85
DRH1150S / 1600S	416	85
DRH1900	417	85

EURORAM / GLOBORAM / ROCKMASTER		
RM45	123	35
RM48	124	35
RM56	125	35
RM65	126	35
RM75	127	35
RM80	128	35
RM85 / 90	131	36
RM88	130	36
RM110	132	36
RM115	133	36
RM120	134	36
RM130	135	37
RM140	137	37
RM145	138	37
RM150	139	37
RM160	140	37
RM180	141	38
RM195	142	38
RM215	ON REQUEST	

EVERDIGM		
EHB008	67	25
EHB01 / EHB02	68	25
EHB03	69	25
EHB04	70	25
EHB05	71	25
EHB06	72	26
EHB10	73	25
EHB13	74	26
EHB17	75	26
EHB20	76	26
EHB25	77	27
EHB30	78	27

MACHINE	FIGURE NO.	PAGE NO.
EHB40	79	27
EHB50	80	27

FURUKAWA		
F1	81	28
F2	82	28
F3	83	28
F4	84	28
F5	85	28
F6	86	28
F9	87	29
F12	88	29
F19	89	29
F20 / F22	90	29
F27	91	29
F30 / F35	92	29
F45	93	30
F70	94	30
F100	95	30
FXJ / FX125	106	32
FXJ / FX175	107	32
FXJ / FX275	108	32
FXJ / FX375	109	32
FXJ / FX475	110	32
HB1G	96	30
HB2G	97	30
HB3G	98	30
HB5G	99	31
HB8G	100	31
HB10G	101	31
HB15G	102	31
HB20G	103	31
HB30G	104	31
HB40G	105	32
HB100G	95	30
HB100	ON REQUEST	
HB200	ON REQUEST	
HB400	ON REQUEST	
HB700	ON REQUEST	
HB1100 / 1300	ON REQUEST	
HB1200 / 1500	ON REQUEST	
HB1600 / 1800 / 2000	ON REQUEST	

HANWOO / RHINO / MAGNUM		
RHB 301-V / 302-V	111	33
RHB 302 / 303-V	112	33
RHB 303 / 303-VP	113	33
RHB 305 / 305-V	114	33
RHB 306	115	33
RHB 308	116	33
RHB 308-2 / 309	117	34
RHB 313-V / 314	118	34
RHB 320	119	34
RHB 322-2 / 323 / 325	120	34
RHB 328-2 / 330	121	34
RHB 340	122	34
RHB 350	ON REQUEST	

HUPPI		
HUPPI 52	407	84
HUPPI 72	408	84
HUPPI 92	ON REQUEST	

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
HUPPI 102	410	84
HUPPI 102 (MK2)	ON REQUEST	
HUPPI 302	412	84
HUPPI 402	413	85
HUPPI 902	415	85
HUPPI 1900 / 1902	420	86
HUSKY / JACTY		
HH100	ON REQUEST	
HH150	ON REQUEST	
HH300	ON REQUEST	
HH500	ON REQUEST	
HH750	ON REQUEST	
HH1000	ON REQUEST	
HH1500	ON REQUEST	
HH2000	ON REQUEST	
HH3600	ON REQUEST	
HH4500	ON REQUEST	
IDROMECCANICA		
IMI 85	183	47
IMI 88	368	77
IMI 260	185	47
IMI 600 / 605	186	47
IMI 1000 / 1010	187	47
IMI 1200	190	48
INAN MAKINA (MTB)		
MT 10	ON REQUEST	
MT 15	409	84
MT 20	ON REQUEST	
MT 25	241	57
MT 30	ON REQUEST	
MT 35 / 36	242	57
MT 45	243	57
MT 120	246	57
MT 150	247	58
MT 170	248	58
MT 210	249	58
MT 275	250	58
MT 360	251	58
INDECO		
HB5	126	35
HB8	128	35
HB12	131	36
HB18	ON REQUEST	
HB19	132	36
HB27	134	36
MES / UP 121 / 150P, HP150	123	35
MES / UP 180 / 181 / 200P, HP200	124	35
MES / UP 300 / 301 / 350P / 351P, HP300 / 350	125	35
MES / UP 451 / 452 / 462P / 521 / 550, HP500	126	35
MES / UP 553P, HP600	127	35
MES / UP 601 / 621 / 650P, HP700	129	36
UP 900, HP900	130	36
MES / UP 1200, HP1200	131	36
MES / UP 1500, HP1500	132	36
MES / UP 1750 / 1800, HP1800	133	36
MES / UP 2000, HP2000	134	36
MES / UP 2500, HP2500	135	37
HP2750	136	37

MACHINE	FIGURE NO.	PAGE NO.
MES / UP 3000, HP3000	137	37
MES / UP 3500, HP3500	138	37
MES / UP 4000 / 4001, HP4000	139	37
MES / UP 5000, HP5000	140	37
MES / UP 7000, HP7000	141	38
MES / UP 8500, HP9000	142	38
MES / UP 12000, HP12000	ON REQUEST	
ITALDEM		
GK 85 / 86	143	39
GK 160 / 161	144	39
GK 211	145	39
GK 290 / 291	146	39
GK 360 / 361	147	39
GK 600 / 610 / 620	148	39
GK 950 / 960	149	40
GK 1050	150	40
GK 1350 / 1351	151	40
GK 1351S	152	40
GK 1600	153	40
GK 1800	154	40
GK 2300	ON REQUEST	
GK 2400	155	41
GK 3400 / 3500	156	41
GK 3800	157	41
K 80	183	47
K 270	185	47
K 550	186	47
K 1000	187	47
K 1030	189	48
K 1300	190	48
K 1900	ON REQUEST	
MK 95 / IM 12.S	ON REQUEST	
MK 350 / IM 65 / 70	ON REQUEST	
MK 650 / IM 100	ON REQUEST	
MK 1300 / IM210	ON REQUEST	
MK 1700	ON REQUEST	
MK 2600	ON REQUEST	
MK 3500	ON REQUEST	
JAB		
JB8	ON REQUEST	
JB10	ON REQUEST	
JB20	ON REQUEST	
JB30	ON REQUEST	
JB40	ON REQUEST	
JB60	ON REQUEST	
JB80	ON REQUEST	
JACTY		
NJB202 / JB-1S	ON REQUEST	
NJB203 / JB-3S	ON REQUEST	
NJB206 / JB-6S	ON REQUEST	
NJB212 / JB-12	ON REQUEST	
NJB215 / JB-15	ON REQUEST	
NJB221 / JB-21	ON REQUEST	
NJB227 / JB-27	ON REQUEST	
JCB		
HM60	ON REQUEST	
HM100 / 100Q / 115 (45)	ON REQUEST	
HM140	ON REQUEST	

MACHINE	FIGURE NO.	PAGE NO.
HM160	304	67
HM165	21	16
HM260	306	67
HM265	22	16
HM360	308	67
HM385 / 386Q	23	16
HM460	309	68
HM480	186	47
HM495	27	17
HM550	310	68
HM560	313	68
HM630	189	48
HM660	314	68
HM690	210	51
HM760	315	69
HM850	311	68
HM860	34	18
HM960	318	69
HM1050	321	70
HM1150	320	69
HM1260 / HM1270Q	173	44
HM1350	314	68
HM1450	322	70
HM1560	39	19
HM1750	324	70
HM1760	40	19
HM2350	325	70
HM2460	42	20
HM2950	327	71
HM3060	36	19
HM3850	329	71
HM3950	330	71
HM4160	46	20
JKHB (KOMATSU)		
JKHB 31	425	87
JKHB 51	426	87
JKHB 71	427	87
JKHB 101	428	87
JKHB 201	429	87
JKHB 301	430	87
JKHB 401	431	88
JKHB 801	432	88
JKHB 1101	433	88
JKHB 1401	434	88
JKHB 1500 / 1600	435	88
JKHB 2000	436	88
JKHB 3000	437	89
KENT		
KB555	ON REQUEST	
KB999	ON REQUEST	
KF1	81	28
KF2	82	28
KF3	83	28
KF4	84	28
KF5	85	28
KF6	86	28
KF9	87	29
KF12	88	29
KF19	89	29
KF22	90	29

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
KF27	91	29
KF35	92	29
KF45	93	30
KF70	94	30
KF100	95	30
KHB100	ON REQUEST	
KHB200	ON REQUEST	
KHB400	ON REQUEST	
KHB700	ON REQUEST	
KHB1100 / 1300	ON REQUEST	
KHB1200 / 1500	ON REQUEST	
KHB1G	96	30
KHB2G	97	30
KHB3G	98	30
KHB5G	99	31
KHB8G	100	31
KHB10G	101	31
KHB15G	102	31
KHB20G	103	31
KHB30G	104	31
KHB40G	105	32
KHB50G	ON REQUEST	

KOMAC		
KB100	ON REQUEST	
KB150	ON REQUEST	
KB200	ON REQUEST	
KB250	ON REQUEST	
KB300	ON REQUEST	
KB350	ON REQUEST	
KB400	ON REQUEST	
KB1000	ON REQUEST	
KB1500	ON REQUEST	
KB2000	ON REQUEST	
KB3600	ON REQUEST	
KB4200	ON REQUEST	
TOR13	ON REQUEST	
TOR22 / 23	ON REQUEST	

KOMATSU		
JTHB08	407	84
JTHB10	408	84
JTHB20	409	84
JTHB30	410	84
JTHB40	411	84
JTHB50	412	84
JTHB60 / 65	413	85
JTHB70	ON REQUEST	
JTHB100	415	85
JTHB150	420	86
JTHB190	421	86
JTHB230	422	86
JTHB310	423	86
JTHB400	424	86
JKHB31	425	87
JKHB51	426	87
JKHB71	427	87
JKHB101	428	87
JKHB301	430	87
JKHB401	431	88
JKHB801	432	88
JKHB1101	433	88

MACHINE	FIGURE NO.	PAGE NO.
JKHB1401	434	88
JKHB1600	435	88
JKHB2000	436	88
JKHB3000	437	89

KRUPP (SEE ALSO ATLAS COPCO)		
HM45	158	42
HM50 / 55	159	42
HM60V	160	42
HM60 / 61 / 62 / 75	161	42
HM85 / 90 / 90V	162	42
HM100 / 110	ON REQUEST	
HM130 / 135 / 140 / 140V	163	42
HM170 / 185 / 190 / 190V	164	43
HM200	165	43
HM220 / 230	166	43
HM300 / 301 / 305	167	43
HM350 / 350V / MB500	168	43
HM400 / 401	ON REQUEST	
HM550 / 551 / 555 / 560CS / V	169	43
HM580 / MB700	170	44
HM600 / 601	171	44
HM700 / 701 / 702 / 705 / 706	172	44
HM710 / 711 / 712 / 715 / 720CS / V	173	44
HM780 / MB1200	174	44
HM800	ON REQUEST	
HM900 / 901 / 902	ON REQUEST	
HM950 / 951 / 952 / 957 / 960CS / V	175	44
HM1000V / MB1700	176	45
HM1200 / 1201 / 1205	ON REQUEST	
HM1300 / 1301 / 1305	ON REQUEST	
HM1500MV / HB2200	177	45
HM2000MV	178	45
HM2100 / 2300 / HB3000	179	45
HM2500MV / 2600 / HB4200	180	45
HM3000 / HB5800	181	45
HM3500 / HB7000	182	46

KUBOTA		
KM10	17	15
KM100	19	16
KM150	21	16
KM200	22	16
KM300	23	16
KM450	27	17
KXB 310	335	72
KXB 300 / 350	303	67
KXB 360	336	72
KXB 400 / BTB400	338	72
KXB 450	340	73
KXB 460	339	72
KXB 500	343	73
KXB 600	345	73

LIFTON		
LH70 / LH80	ON REQUEST	
LH110	ON REQUEST	
LH200	ON REQUEST	
LH170/300	ON REQUEST	
LH360	ON REQUEST	
LH500	ON REQUEST	
LH1000	ON REQUEST	

MACHINE	FIGURE NO.	PAGE NO.
MONTABERT		
BRH40	183	47
BRH75 / 76 / 90 / 91	184	47
BRH125	185	47
BRH250 / 270	186	47
BRH501 / 570	187	47
BRH620	188	47
BRH625 / 900	189	48
BRH750	190	48
BRH1100	ON REQUEST	
M30 (BRP30)	191	48
M50 (BRP45 / 50)	192	48
M70 (BRP60 / 70)	193	48
M85 / 95 / 100 (BRP85 / 95 / 100)	194	48
M125SX	195	49
M140 / 150 (BRP130 / 140 / 150)	196	49
M300	197	49
M600	198	49
M700	199	49
M900	200	49
SC06	201	50
SC08	202	50
SC12	203	50
SC16	204	50
SC22	205	50
SC28	206	51
SC36	207	51
SC42	208	51
SC50	209	51
V32 (BRV32)	210	51
V43 (BRV43)	211	51
V45 (BRV45)	212	52
V52 (BRV52)	ON REQUEST	
V53 (BRV53)	213	52
V55 (BRV55)	214	52
V65 (BRV65)	215	52
V1200 / V32	210	51
V1600	216	52
V1800	217	52
V2500	218	53
V3500	219	53
V4500	220	53
Z92 / Z91	ON REQUEST	
Z96	ON REQUEST	
(BLUE LINE)		
XL1000	221	53
XL1300	222	53
XL1700	223	53
XL1900	224	54
XL2600	225	54

MSB		
SAGA 20II	226	55
SAGA 30II	227	55
SAGA 40II	228	55
SAGA 50	229	55
SAGA 80 / 81	230	55
SAGA 100	231	55
SAGA 120	232	55
SAGA 180	233	56
SAGA 200II / 220	234	56

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
SAGA 300	235	56
SAGA 350	236	56
MS 35AT	237	56
MS 45AT	238	56
MS 75AT	239	56
SAGA 1000	ON REQUEST	
SAGA 1500	ON REQUEST	
SAGA 2000	ON REQUEST	
MS200	240	57
MS220 / MS230H	241	57
MS225 / MS250H	242	57
MS300H	243	57
MS400H	244	57
MS450H / MS460H	245	57
MS500H / MS520H	246	57
MS550H	247	58
MS600	248	58
MS700	249	58
MS800 / MS810H	250	58
MT10	ON REQUEST	
MT15	409	84
MT20 / MT21	ON REQUEST	
MT25	241	57
MT30	ON REQUEST	
MT35 / 36	242	57
MT45	243	57
MT65	ON REQUEST	
MT85	ON REQUEST	
MT120	246	57
MT150	247	58
MT170	248	58
MT210	249	58
MT250	ON REQUEST	
MT255	ON REQUEST	
MT270 / 275	250	58
MT360	251	58
NPK		
E-12X	270	61
E-15X	272	61
E-18X	274	62
E-24X	276	62
E106	253	59
E-200 / GH06	254	59
E-201 / GH07	255	59
E-202 / GH1	256	59
E-203 / GH2	257	59
E-204 / GH3	258	59
E-205 / GH4	259	59
E-206	260	60
E-207 / GH6	261	60
E-208A	262	60
GH7	263	60
GH9	264	60
GH10	265	60
GH12	266	60
GH15	267	61
GH18	268	61

MACHINE	FIGURE NO.	PAGE NO.
E-210A	269	61
E-212	270	61
E-213	271	61
E-215	272	61
E-216	273	61
E-218	274	62
E-220	275	62
E-224	276	62
E-225	277	62
E-235	278	62
E-240A	279	62
H-06X	280	62
H-08XA	281	63
H-1XA	282	63
H-2XA / H-2XE	283	63
H-3XA / H-3XE	284	63
H-4X	285	63
H-6XA	286	63
H-7XA	287	63
H-8XA	288	64
H-10XB / E / GH9	289	64
H-12X / E	290	64
H32	304	67
H45	305	67
H65	306	67
H85	308	67
H120	310	68
H150	311	68
H200	321	70
H260	323	70
H310	324	70
H380	325	70
H530	327	71
H700	330	71
OCM		
OCM8	183	47
OCM25	185	47
OCM55	186	47
OCM100	187	47
OCM130	190	48
OKADA		
OKB / UB 301	ON REQUEST	
OKB / UB 301SL	ON REQUEST	
OKB / UB 302	ON REQUEST	
OKB / UB 302A	ON REQUEST	
OKB / UB 303A	ON REQUEST	
OKB / UB 304	ON REQUEST	
OKB / UB 304B	ON REQUEST	
OKB / UB 305	ON REQUEST	
OKB / UB 306	ON REQUEST	
OKB / UB 308	ON REQUEST	
OKB / UB 310	ON REQUEST	
OKB / UB 312A	ON REQUEST	
OKB / UB 312B	ON REQUEST	
OKB / UB 316	ON REQUEST	
OKB / UB 318	ON REQUEST	

MACHINE	FIGURE NO.	PAGE NO.
OKB / UB 324	ON REQUEST	
TOP200	ON REQUEST	
TOP205 / 210	ON REQUEST	
TOP300	ON REQUEST	
UB2	ON REQUEST	
UB4	ON REQUEST	
UB5	ON REQUEST	
UB8	ON REQUEST	
UB11	ON REQUEST	
UB14	ON REQUEST	
OMAL 80	183	47
OMAL 86	ON REQUEST	
OMAL 80S	367	77
OMAL 180 / 190 / 190S	ON REQUEST	
OMAL 235 / 270 / 270S / 276	185	47
OMAL 500 / 550	186	47
OMAL 1000 / 1050	187	47
OMAL 1300	134	36
OMAL 1700	ON REQUEST	
OMD		
OMD 20	183	47
OMD 30	185	47
OMD 50	186	47
OMD 100	187	47
OMD 2000	190	48
PEL-JOB		
MH90	367	77
MH95	368	77
MH180	370	77
PRODEM		
PRB008	67	25
PRB010	68	25
PRB030	69	25
PRB040	70	25
PRB050	71	25
PRB060	72	26
PRB090	ON REQUEST	
PRB100	73	26
PRB130	74	26
PRB170	75	26
PRB200	76	26
PRB250	77	27
PRB300	78	27
PRB400	79	27
PRB500	80	27
PROMOVE		
P4	ON REQUEST	
P6 / SH	ON REQUEST	
P22	189	48
P23	133	36
PMV90 / P3SH	183	47
PMV290 / 390 / P12SH	185	47
PMV690 / P16SH	186	47
PMV1000 / P23SH	187	47
PMV1390 / P27SH	190	48

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
XP100	293	65
XP101	12	15
XP150	294	65
XP250	295	65
XP300 / XP400 / XP450	296	65
XP550 / XP551	297	65
XP800	298	65
XP1200	299	65
XP1500	300	66
XP2400	301	66
XP4500	302	66

RAMMER / SANDVIK		
E63	320	69
E64	321	70
E65	322	70
E66 / S55	323	70
E68	324	70
G80	325	70
G88	326	70
G90	327	71
G99	328	71
G100	329	71
G110	330	71
G120	331	71
G130	332	71
S18 / PICCOLO	303	67
S21	304	67
S22	305	67
S23	306	67
S24	307	67
S25	308	67
S26	309	68
S27	310	68
S29	311	68
S52	312	68
S54	313	68
S55 / E66	314	68
S56	315	69
S82	316	69
S83	317	69
S84	318	69
S86	319	69
M14	333	72
M18	334	72
BR111	335	72
BR222	336	72
BR255	337	72
BR321	338	72
BR333	339	72
BR355	51	22
BR422	340	73
BR455	341	73
BR555	342	73
BR623	343	73
BR777	344	73
BR825	345	73
BR927	346	73
BR999	347	74
BR1129	348	74
BR1533	349	74

MACHINE	FIGURE NO.	PAGE NO.
BR2063	350	74
BR2064	351	74
BR2155	352	74
BR2214	353	74
BR2265	354	75
BR2266	355	75
BR2568	356	59
BR2577	357	59
BR2518	358	75
BR3088 / 3288	359	75
BR3890	360	76
BR4099	361	76
BR4510	362	76
BR4511	363	76
BR5011	364	76
BR7013	365	76

ROBI		
MH7	335	72
MH11	336	72
MH15	339	72
BH30	306	67
BH50	308	67
BH80	311	68
EH170	357	75
EH240	359	75

ROTAIR		
OL50	366	77
OL90 (WITH COLLAR)	367	77
OL90 / 95	368	77
OL130 / 160	369	77
OL180 / 260	370	77
OL250 / 330	371	77

SANDHURST		
SMC XT70	12	15
SMC XT100	13	15
SMC XT200	14	15
SMC XT300	15	15
SMC XT400	16	15

SMC		
SMC TF-14BA	ON REQUEST	
SMC 1000	ON REQUEST	
SMC 1400	ON REQUEST	
SMC 1500	ON REQUEST	
SMC 2000	ON REQUEST	
SMC 3000	ON REQUEST	
SMC XE4500	ON REQUEST	
SMC XE3500	ON REQUEST	

SOCOMEK		
DMS 50	372	78
DMS 95 / 95-2 / MDO 55	373	78
DMS 150 / 160 / 165 MDO 80	374	78
DMS 210	375	78
DMS 220 / MDO 100	376	78
DMS 270	377	78
DMS 310 / 330 / MDO 250 / 260	378	79
MDO 300	379	79
DMS 410	380	79
DMS 430 / MDO 450	381	79

MACHINE	FIGURE NO.	PAGE NO.
MDO 500	382	79
MDO 550	384	79
DMS 680 / 740 / 850 / 910	383	79
MDO 750	385	80
MDO 900V	386	80
MDO 1450	387	80
MDO 1950	388	80
MDO 2050	389	80
MDO 3200 / MDO 3000	390	80
MDO 4000	391	80

SOOSAN		
SB10	392	81
SB20	393	81
SB30	394	81
SB35	395	81
SB40 / SB4	396	81
SB43	397	81
SB45 / SB5	398	82
SB50	399	82
SB60	400	82
SB70 / SB71	401	82
SB80	ON REQUEST	
SB81	402	82
SB100	403	82
SB121 / 120A	404	83
SB130 / 140	405	83
SB151	406	83

STANLEY		
MB 105	ON REQUEST	
MB 125	ON REQUEST	
MB 156	ON REQUEST	
MB 250 / 256 / 350 / 356	ON REQUEST	
MB 506	ON REQUEST	
MB 550	ON REQUEST	
MB 656 / 675 / 695	ON REQUEST	
MB 800 / 856	ON REQUEST	
MB 1550	ON REQUEST	
MB 1950 / 1975	ON REQUEST	
MB 2850	ON REQUEST	
MB 2950 / 2975	ON REQUEST	
MB 5950	ON REQUEST	
MB20EX	ON REQUEST	
MB30EX	ON REQUEST	
MB40EX	ON REQUEST	
MB50EX	ON REQUEST	
MB70EX	ON REQUEST	
MB80EX	ON REQUEST	
MB100EX	ON REQUEST	

STAR		
SH40	183	47
SH91	143	39
SH151 / 161	144	39
SH200	145	39
SH280	185	47
SH281	146	39
SH560	186	47
SH561 / 562	148	39
SH990	187	47
SH991	149	40

HAMMER TYPE & TOOL REFERENCE INDEX

MACHINE	FIGURE NO.	PAGE NO.
SH992	150	40
SH1200	189	48
SH1400	190	48
SH1401	151	40
SH1402	152	40
SH2000	ON REQUEST	

STELCO

SEL110	ON REQUEST	
SEL150	ON REQUEST	
SEL 220	ON REQUEST	
SEL 350	ON REQUEST	

TABE

AGB 100 / 175 / 200	ON REQUEST	
AGB 175	ON REQUEST	
AGB 270 / 275 / 350 / 370 / 375	ON REQUEST	
AGB 95	ON REQUEST	
AGB 400 / 475	ON REQUEST	
AGB 700 / 701 / 750	ON REQUEST	
AGB 1000 / 1300 / 1301	ON REQUEST	
AGB 1600 / 1620	ON REQUEST	
AGB 1800	ON REQUEST	
AGB 30	ON REQUEST	

TAKEUCHI

TKB-31	425	87
TKB-51	426	87
TKB-71	427	87
TKB-101	428	87
TKB-201	429	87
TKB-301	430	87
TKB-401	431	88
TKB-801	432	88
TKB-1101	433	88
TKB-1401	434	88
TKB-1600	435	88
TKB-2000	436	88
TKB-3000	437	89

TELEDYNE

TB120 / 125	409	84
TB180 / 225	410	84
TB275 / TB285	411	84
TB220 / 325	412	84
TB400 / 425 / 625	413	85
TB700 / 725 / 750 / 825	415	85
TB830	419	86
TB900 / 925 / 975 / 1000 / 1025	416	85
TB980	420	86
TB1300 / 1425	417	85
TB1680	422	86
TB1825 / 2075	418	85
TB2080	423	86
TB2580	424	86

TOKU (BTI)

TNB 08M	407	84
TNB 08E / 1M	408	84
TNB 1E / 2M	409	84
TNB 2E / 3M	410	84
TNB 3E / 4M	411	84
TNB 4E / 5M	412	84

MACHINE	FIGURE NO.	PAGE NO.
TNB 6E / 6.5E / 7M	413	85
TNB 7J	414	85
TNB 7E / 10E	415	85
TNB 14E / 16E	416	85
TNB 22E / 23E	417	85
TNB-31E / 30E	418	85
TNB 100	419	86
TNB 150 / 151	420	86
TNB 190	421	86
TNB 230	422	86
TNB 310	423	86
TNB 400	424	86

TOPA

TOPA 70	ON REQUEST	
TOPA 100	ON REQUEST	
TOPA 200	ON REQUEST	
TOPA 300	ON REQUEST	
TOPA 500	ON REQUEST	
TOPA 1000	ON REQUEST	
TOPA 1400	ON REQUEST	
TOPA 1500	ON REQUEST	
TOPA 2000	ON REQUEST	

TOYO

THBB 31	425	87
THBB 51	426	87
THBB 71	427	87
THBB 101	428	87
THBB 201	429	87
THBB 301	430	87
THBB 401	431	88
THBB 801	432	88
THBB 1101	433	88
THBB 1401	434	88
THBB 1600	435	88
THBB 2000	436	88
THBB 3000	437	89

VISTARINI (SEE DEMOTER)

VH60	ON REQUEST	
VH90	ON REQUEST	
VH120	ON REQUEST	
VH150	ON REQUEST	
VH160 / 200	ON REQUEST	
VH220 / 300 / 330	ON REQUEST	
VH382	ON REQUEST	
VH440	ON REQUEST	

VOLVO

HB80	303	67
HB130	304	67
HB200	305	67
HB300	306	67
HB440	308	67
HB600	310	68
HB800	311	68
HB1100	320	69
HB1400	322	70
HB1700	324	70
HB2400	325	70
HB3200	327	71

MACHINE	FIGURE NO.	PAGE NO.
HB3800	330	71

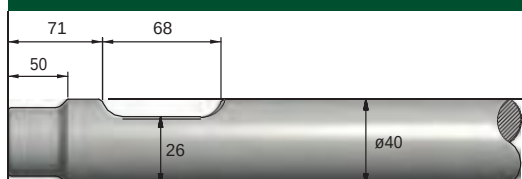
WIMMER

W-220	241	57
W-330	243	57
W-440	244	57
W-550	246	57
W-600	247	58
W-660	248	58
W-770	249	58
W-880	250	58
W-990	251	58

ARROWHEAD

ARROWHEAD S10

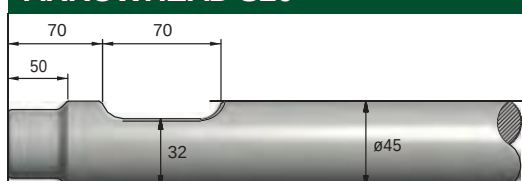
FIGURE 1



TYPE	DIAMETER (mm)	LENGTH	CAT.	WEIGHT (kgs)
Point	40	450	10301001	4.2
Chisel	40	450	10301002	4.2

ARROWHEAD S20

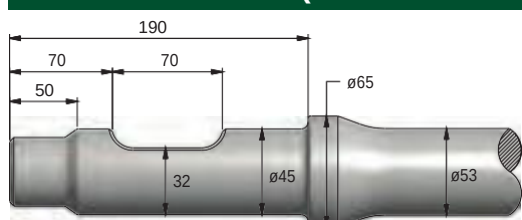
FIGURE 2



TYPE	DIAMETER (mm)	LENGTH	CAT.	WEIGHT (kgs)
Point	45	480	10300401	5.7
Chisel	45	480	10300402	5.7

ARROWHEAD S30 (MK1 WITH COLLAR)

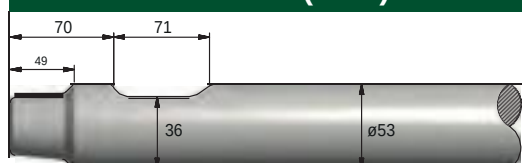
FIGURE 3



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	500	10300901	6.0
Chisel	45	500	10300902	6.0

ARROWHEAD S30 (MK3)

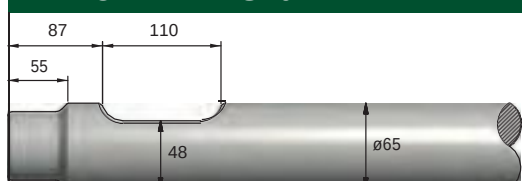
FIGURE 4



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	53	500		8.3
Chisel	53	500		8.3

ARROWHEAD S40

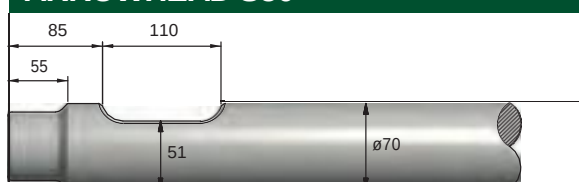
FIGURE 5



TYPE	DIAMETER (mm)	LENGTH	CAT.	WEIGHT (kgs)
Point	65	620	10300501	15.4
Chisel	65	620	10300502	15.4

ARROWHEAD S50

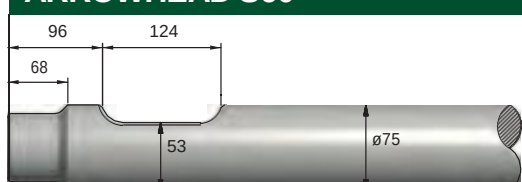
FIGURE 6



TYPE	DIAMETER (mm)	LENGTH	CAT.	WEIGHT (kgs)
Point	70	690	10300801	19.9
Chisel	70	690	10300802	19.9

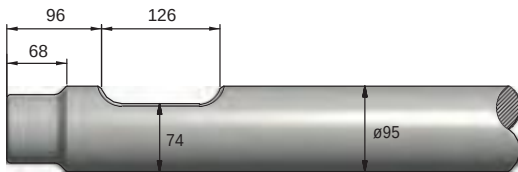
ARROWHEAD S60

FIGURE 7

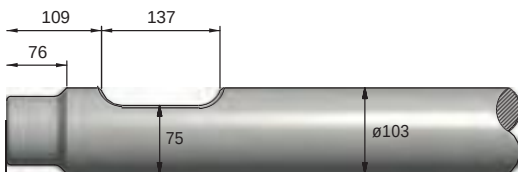


TYPE	DIAMETER (mm)	LENGTH	CAT.	WEIGHT (kgs)
Point	75	710	10300601	23.5
Chisel	75	710	10300602	23.5

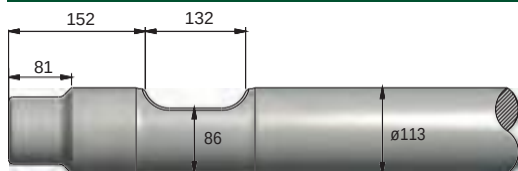
ARROWHEAD

FIGURE 8 ARROWHEAD S100 / 10T


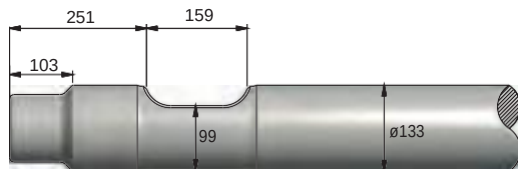
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	950	10301201	50.5
Chisel	95	950	10301202	50.5

FIGURE 9 ARROWHEAD S130


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	103	1000	10301301	62.5
Chisel	103	1000	10301302	62.5

FIGURE 10 ARROWHEAD S180


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	113	1000	10300701	75.2
Chisel	113	1000	10300702	75.2

FIGURE 11 ARROWHEAD S230


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	133	1200	10301101	125.0
Chisel	133	1200	10301102	125.0

ATLAS COPCO PB110

FIGURE 12

ALLIED AS342 | BERCO BB42 | CHICAGO PNEUMATIC (CP) CP100 / RX2 | PROMOVE XP101 | SANDHURST SMC XT70

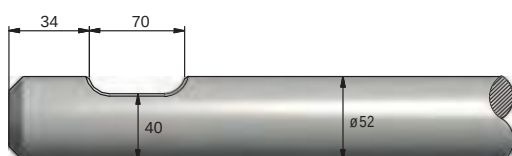


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	42	470	10230101	4.9
Chisel	42	470	10230102	4.9

ATLAS COPCO PB160

FIGURE 13

ALLIED AS352 | BERCO BB52 | CHICAGO PNEUMATIC (CP) CP150 / RX3 | SANDHURST SMC XT100

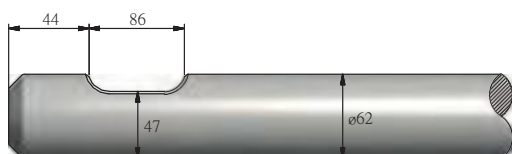


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	52	600	10230201	9.6
Chisel	52	600	10230202	9.6

ATLAS COPCO PB210

FIGURE 14

ALLIED AS362 | BERCO BB62 | CHICAGO PNEUMATIC (CP) CP200 / RX4 | SANDHURST SMC XT200

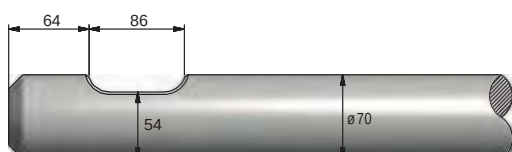


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	62	700	10056301	15.8
Chisel	62	700	10056302	15.8

ATLAS COPCO PB310

FIGURE 15

ALLIED AS370 | BERCO BB70 | CHICAGO PNEUMATIC (CP) CP300 / RX6 | SANDHURST SMC XT300

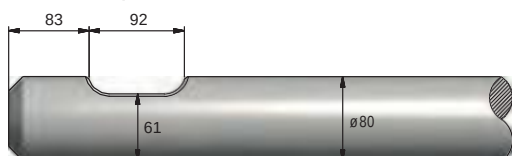


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	70	750	10230401	21.6
Chisel	70	750	10230402	21.6

ATLAS COPCO PB420

FIGURE 16

ALLIED AS380 | ATLAS COPCO 530 | BERCO BB80 | CHICAGO PNEUMATIC (CP) CP400 / CP550 / RX8 / RX11 | SANDHURST SMC XT400

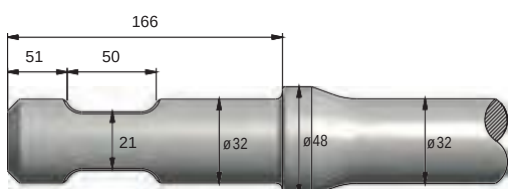


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	900	10230501	33.9
Chisel	80	900	10230502	33.9

ATLAS COPCO SB50

FIGURE 17

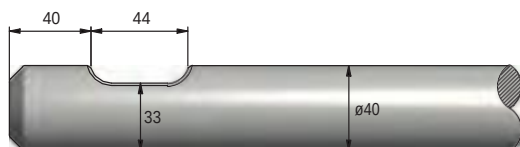
ATLAS COPCO SBC 60 | ATLAS COPCO TEX 30 | BROKK 40 | KUBOTA KM10



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	32	430	10052001	2.6
Chisel	32	430	10052002	2.6

FIGURE 18 ATLAS COPCO SB52

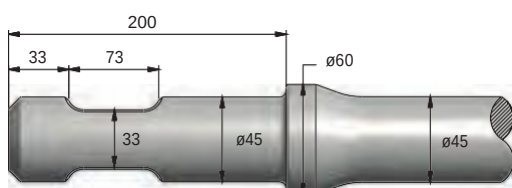
BROKK 50



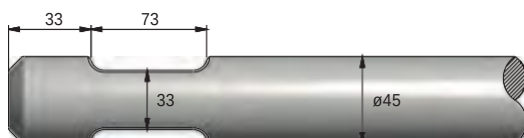
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	420		2.6
Chisel	40	420		2.6

FIGURE 19 ATLAS COPCO SB100

ATLAS COPCO SB100 / SBC 115 | ATLAS COPCO TEX 100H / 75H | KUBOTA KM100



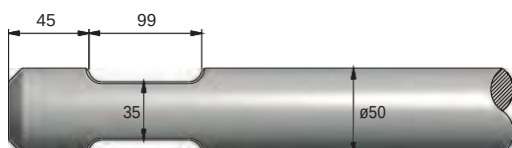
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	550	10050401	6.6
Chisel	45	550	10050402	6.6

FIGURE 20 ATLAS COPCO SB102

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	550	10052301	6.6
Chisel	45	550	10052302	6.6

FIGURE 21 ATLAS COPCO SB150 / 152

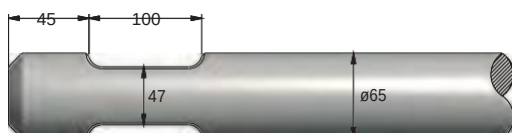
SBC 255 | ATLAS COPCO TEX 110H | BROKK 90 | JCB HM165 | KUBOTA KM150



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	550	10050501	8.1
Chisel	50	550	10050502	8.1

FIGURE 22 ATLAS COPCO SB200 / SB202

SBC 410 | ATLAS COPCO TEX 180H | BROKK 160 / 180 | JCB HM265 | KUBOTA KM200



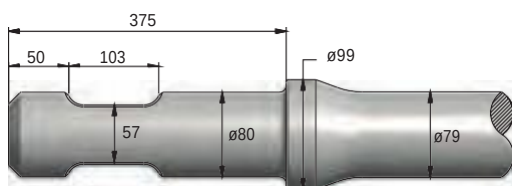
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	65	600	10053701	14.9
Chisel	65	600	10053702	14.9

FIGURE 23 ATLAS COPCO SB300 / SB302

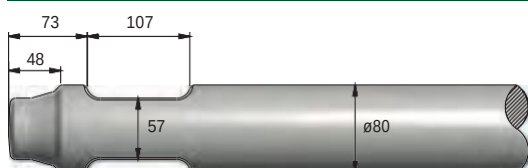
SBC 610 / SBC650 | BROKK 250 / 260 | JCB HM385 / 386Q | KUBOTA KM300



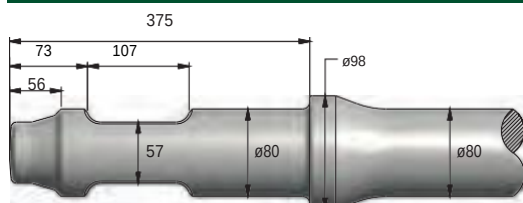
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	800	10053801	30.1
Chisel	80	800	10053802	30.1
Blunt	80	800	10053825	30.1

ATLAS COPCO SB300 SCALER**FIGURE 24**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Blunt	80	800		32

ATLAS COPCO TEX 250H**FIGURE 25**

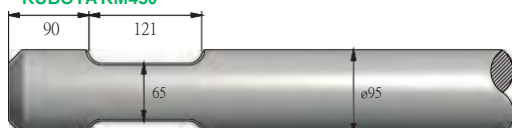
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	800	10050801	30.1
Chisel	80	800	10050802	30.1

ATLAS COPCO TEX 250H SCALER**FIGURE 26**

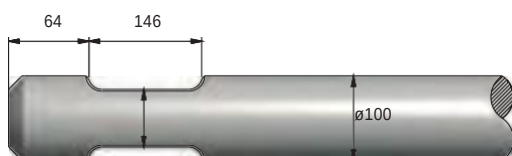
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Blunt	80	800	10050825	32

ATLAS COPCO SB450 / SB452**FIGURE 27**

ATLAS COPCO SBC 800 / 850 | ATLAS COPCO TEX 400H / HS | BROKK 330 | JCB HM495 | KUBOTA KM450



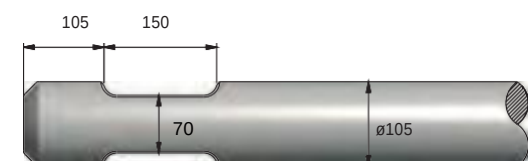
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	840	10053901	44.6
Chisel	95	840	10053902	44.6
Blunt	95	840	10053925	44.6

ATLAS COPCO SB552**FIGURE 28**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	1000	10053301	58.9
Chisel	100	1000	10053302	58.9
Blunt	100	900	10053325	53.0

ATLAS COPCO SB702 / HBC1100 / 1700**FIGURE 29**

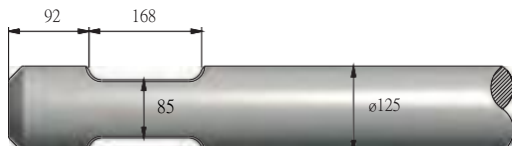
ATLAS COPCO TEX 600H / 700H / 900H



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	900	10053201	58.4
Chisel	105	900	10053202	58.4
Blunt	105	900	10053225	58.4

FIGURE 30 **ATLAS COPCO HBC2500**

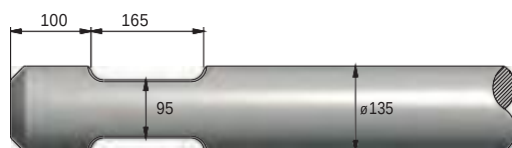
ATLAS COPCO TEX 1400H



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	125	1000	10054201	92.0
Chisel	125	1000	10054202	92.0
Blunt	125	1000	10054225	92.0

FIGURE 31 **ATLAS COPCO HBC4000**

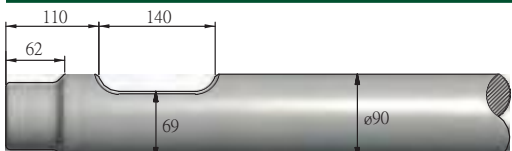
ATLAS COPCO TEX 1800H / 2000H | CHICAGO PNEUMATIC (CP) CP2350



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1100	10051401	118.0
Chisel	135	1100	10051402	118.0

FIGURE 32 **ATLAS COPCO HBC6000**

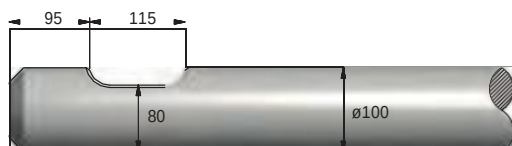
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	170	1500		255.2
Chisel	170	1500		255.2
Blunt	170	1500		255.2

FIGURE 33 **ATLAS COPCO MB500**

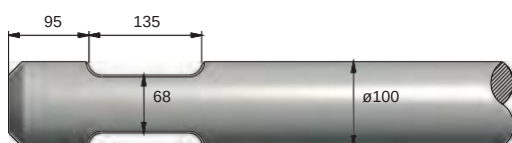
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	900	10061601	42.9
Chisel	90	900	10061602	42.9

FIGURE 34 **ATLAS COPCO MB700 / MB800**

JCB HM860



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	1000	10062001	58.9
Chisel	100	1000	10062002	58.9
Blunt	100	1000	10062025	58.9

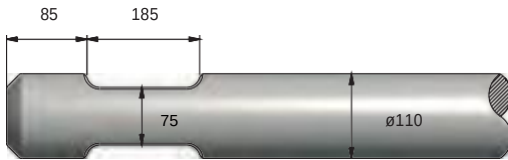
FIGURE 35 **ATLAS COPCO MB750**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	1000	10055401	58.9
Chisel	100	1000	10055402	58.9
Blunt	100	1000	10055425	58.9

ATLAS COPCO MB1000

FIGURE 36

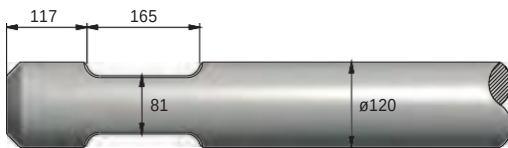
BROKK 800 | JCB HM3060



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	110	1050	10556001	74.8
Chisel	110	1050	10556002	74.8
Blunt	110	1050	10556025	74.8

ATLAS COPCO MB1200

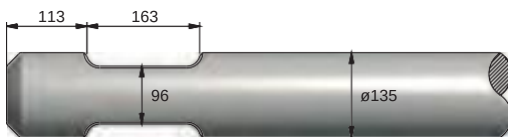
FIGURE 37



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1150	10062601	97.5
Chisel	120	1150	10062602	97.5
Blunt	120	1150	10062625	97.5

ATLAS COPCO MB1500

FIGURE 38

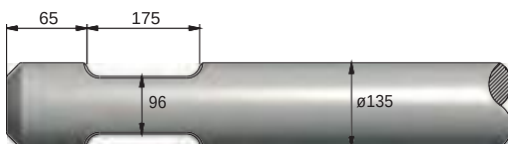


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1175	10055801	126.1
Chisel	135	1175	10055802	126.1
Blunt	135	1175	10055825	126.1

ATLAS COPCO MB1600

FIGURE 39

JCB HM1560

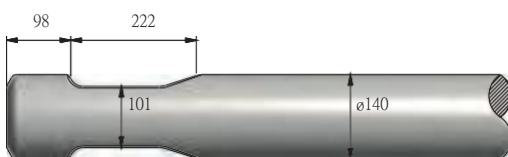


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1150	10062901	123.4
Chisel	135	1150	10062902	123.4
Blunt	135	1150	10062925	123.4

ATLAS COPCO MB1700

FIGURE 40

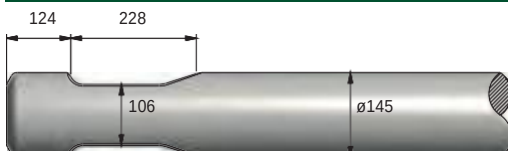
JCB HM1760



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10063101	138.5
Chisel	140	1200	10063102	138.5
Blunt	140	1200	10063125	138.5

ATLAS COPCO HB2000

FIGURE 41



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	145	1250	10054001	154.7
Chisel	145	1250	10054002	154.7
Blunt	145	1100	10054025	136.2

FIGURE 42 ATLAS COPCO HB2200

JCB HM2460



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1300	10063301	172.2
Chisel	150	1300	10063302	172.2
Blunt	150	1150	10063325	152.3

FIGURE 43 ATLAS COPCO HB2500

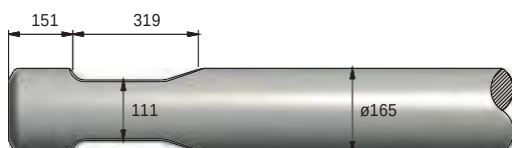
CHICAGO PNEUMATIC (CP) RX38



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	155	1150	10054201	162.7
Chisel	155	1150	10054202	162.7
Blunt	155	1150	10054225	162.7

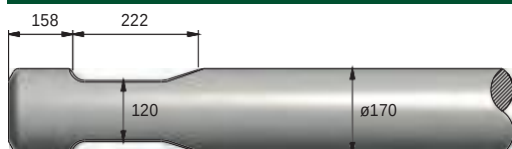
FIGURE 44 ATLAS COPCO HB3000 / HB3100

CHICAGO PNEUMATIC (CP) CP3050 / RX45 / RX46 | ALLIED HY-RAM 797 | (SEE ALSO KRUPP) HM2100 / 2300 / HB3000



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1500	10063601	208.4
Chisel	165	1500	10063602	240.4
Blunt	165	1300	10063625	208.4

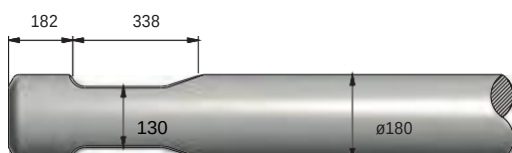
FIGURE 45 ATLAS COPCO HB3600



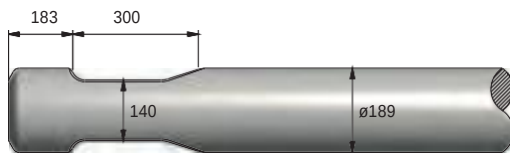
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	170	1300	10054501	221.2
Chisel	170	1500	10054502	255.2
Blunt	170	1300	10054525	221.2

FIGURE 46 ATLAS COPCO HB4200

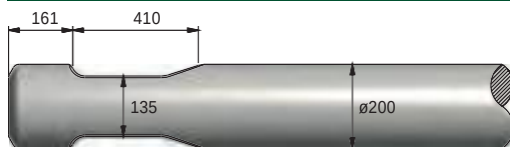
CHICAGO PNEUMATIC (CP) CP4250 / RX53 / RX54 | JCB HM4160



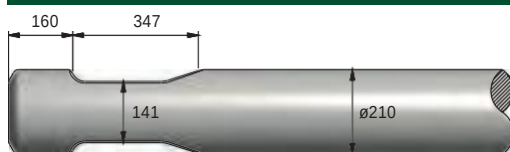
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	180	1500	10054701	286.1
Chisel	180	1500	10054702	286.1
Blunt	180	1350	10054725	257.5

ATLAS COPCO HB4700**FIGURE 47**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	189	1600	10056701	294.4
Chisel	189	1600	10056702	336.5
Blunt	189	1400	10056725	294.4

ATLAS COPCO HB5800**FIGURE 48**

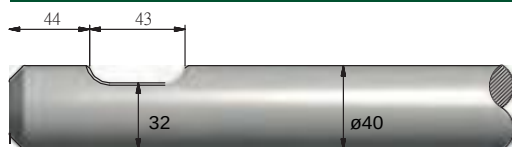
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	200	1700	10064101	353.3
Chisel	200	1700	10064102	400.4
Blunt	200	1500	10064125	353.3

ATLAS COPCO HB7000**FIGURE 49**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	210	1800	10054901	467.3
Chisel	210	1800	10054902	467.3
Blunt	210	1600	10054925	415.4

FIGURE 50

CATERPILLAR H35DS

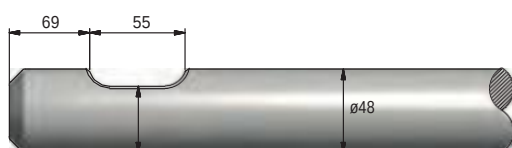


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	380	10291701	3.6
Chisel	40	380	10291702	3.6

FIGURE 51

CATERPILLAR H45DS

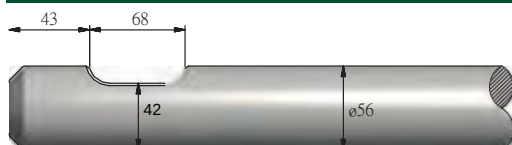
RAMMER / SANDVIK BR355



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	48	500	10290101	6.8
Chisel	48	500	10290102	6.8

FIGURE 52

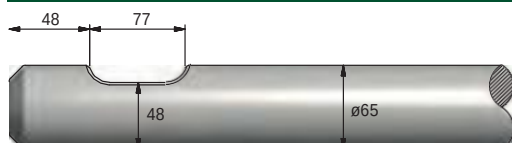
CATERPILLAR H55DS



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	56	560	10290401	10.3
Chisel	56	560	10290402	10.3

FIGURE 53

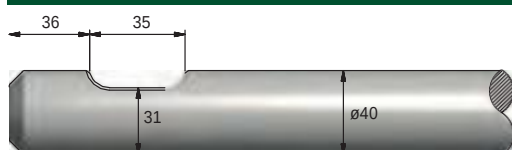
CATERPILLAR H65DS



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	65	585	10290601	14.6
Chisel	65	585	10290602	14.6

FIGURE 54

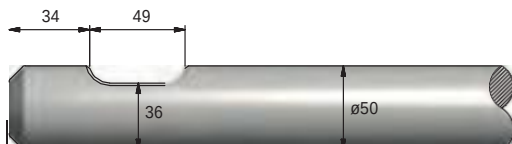
CATERPILLAR H35ES



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	400	10291701	3.8
Chisel	40	400	10291702	3.8

FIGURE 55

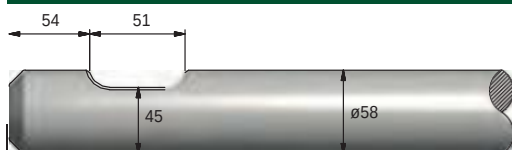
CATERPILLAR H45ES



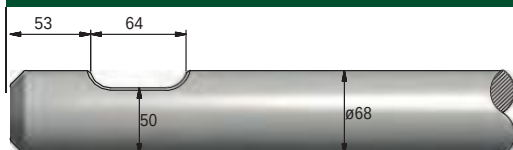
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	475		7.0
Chisel	50	475		7.0

FIGURE 56

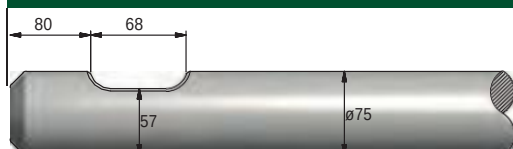
CATERPILLAR H55ES



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	58	550	10291901	10.9
Chisel	58	550	10291902	10.9

CATERPILLAR H65ES**FIGURE 57**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	650		17.7
Chisel	68	650		17.7

CATERPILLAR H75ES**FIGURE 58**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	75	700	10292301	22.9
Chisel	75	700	10292302	22.9

CATERPILLAR H95ES**FIGURE 59**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	88	800		36.1
Chisel	88	800		36.1

CATERPILLAR H110ES**FIGURE 60**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	890	10292901	51.9
Chisel	100	890	10292902	51.9
Blunt	100	890	10292925	51.9

CATERPILLAR H115ES**FIGURE 61**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	110	980	10292601	69.2
Chisel	110	980	10292602	69.2
Blunt	110	980	10292625	69.2

CATERPILLAR H120ES**FIGURE 62**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1075	10292501	90.4
Chisel	120	1075	10292502	90.4
Blunt	120	1075	10292525	90.4

CATERPILLAR H130ES**FIGURE 63**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1150	10291201	114.4
Chisel	130	1150	10291202	114.4
Blunt	130	1150	10291225	114.4

CATERPILLAR

FIGURE 64 CATERPILLAR H140ES


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10292701	138.5
Chisel	140	1200	10292702	138.5
Blunt	140	1200	10292725	138.5

FIGURE 65 CATERPILLAR H160ES


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1400	10292401	211.0
Chisel	160	1400	10292402	211.0
Blunt	160	1400	10292425	211.0

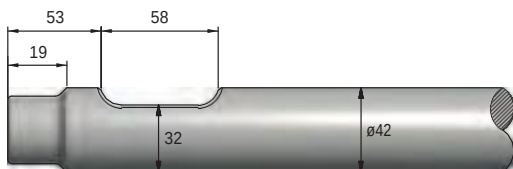
FIGURE 66 CATERPILLAR H180ES


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	180	1500	10030901	286.1
Chisel	180	1500	10030902	286.1
Blunt	180	1500	10030925	286.1

everdigm EHB008

FIGURE 67

PRODEM PRB008

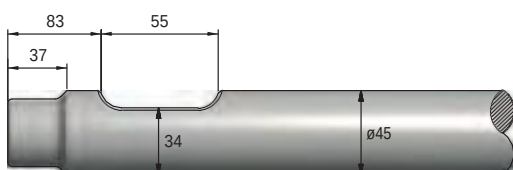


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	42	430	10560201	4.5
Chisel	42	430	10560202	4.5

everdigm EHB01 / EHB02

FIGURE 68

PRODEM PRB010

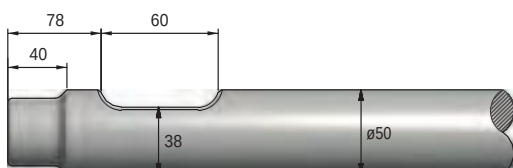


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	480	10530301	5.7
Chisel	45	480	10530302	5.7

everdigm EHB03

FIGURE 69

PRODEM PRB030

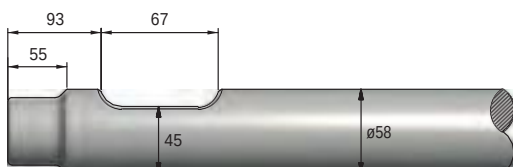


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	500	10530101	7.4
Chisel	50	500	10530102	7.4

everdigm EHB04

FIGURE 70

PRODEM PRB040

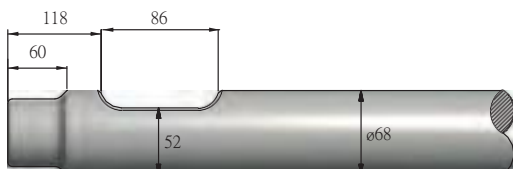


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	58	600	10560401	11.9
Chisel	58	600	10560402	11.9

everdigm EHB05

FIGURE 71

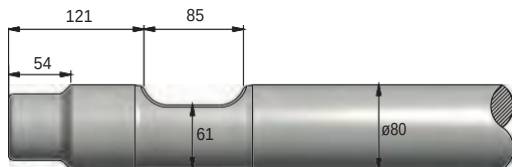
PRODEM PRB050



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	750	10440501	20.4
Chisel	68	750	10440502	20.4

FIGURE 72**EVERDIGM EHB06**

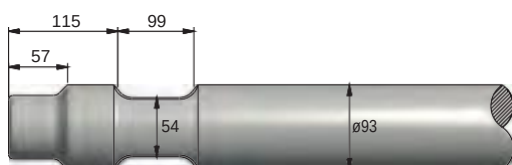
PRODEM PRB060



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	850	10560501	32.0
Chisel	80	850	10560502	32.0

FIGURE 73**EVERDIGM EHB10**

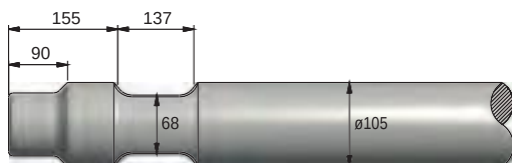
PRODEM PRB100



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	93	900		45.8
Chisel	93	900		45.8

FIGURE 74**EVERDIGM EHB13**

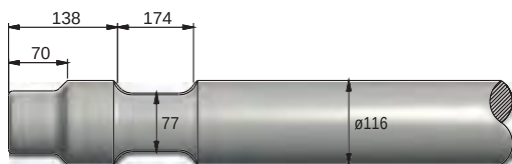
PRODEM PRB130



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	1050	10560101	68.2
Chisel	105	1050	10560102	68.2
Blunt	105	1050	10560125	68.2

FIGURE 75**EVERDIGM EHB17**

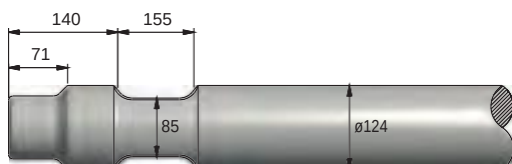
PRODEM PRB170



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	116	1100		88.7
Chisel	116	1100		88.7
Blunt	116	1100		88.7

FIGURE 76**EVERDIGM EHB20**

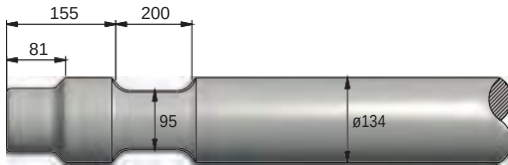
PRODEM PRB200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	124	1150		104.1
Chisel	124	1150		104.1
Blunt	124	1150		104.1

EVERDIGM EHB25**FIGURE 77**

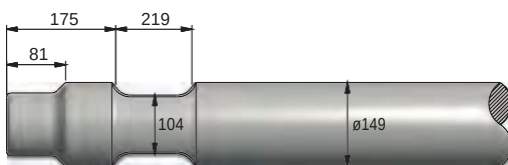
PRODEM PRB250



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	134	1200	10560601	126.9
Chisel	134	1200	10560602	126.9
Blunt	134	1200	10560625	126.9

EVERDIGM EHB30**FIGURE 78**

PRODEM PRB300



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	149	1300	10560301	169.9
Chisel	149	1300	10560302	169.9
Blunt	149	1300	10560325	169.9

EVERDIGM EHB40**FIGURE 79**

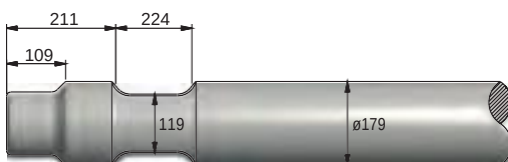
PRODEM PRB400



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	164	1450	10560801	229.6
Chisel	164	1450	10560802	229.6
Blunt	164	1450	10560825	229.6

EVERDIGM EHB50**FIGURE 80**

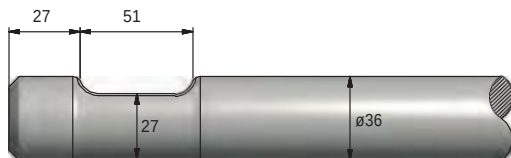
PRODEM PRB500



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	179	1600	10560701	305.2
Chisel	179	1600	10560702	305.2
Blunt	179	1600	10560725	305.2

FIGURE 81 FURUKAWA F1 / HB1G / FX15

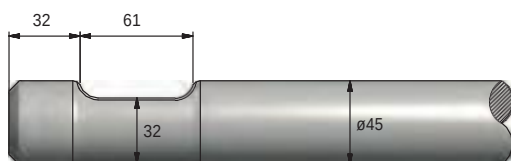
KENT KF1



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	36	400	10040101	3.1
Chisel	36	400	10040102	3.1

FIGURE 82 FURUKAWA F2 / HB2G / FX25

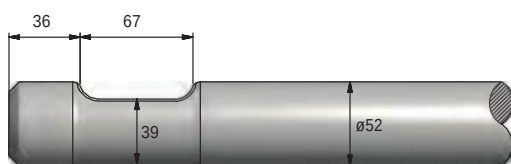
DAINONG (DNB) DNB K20 | KENT KF2



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	450	10040201	5.4
Chisel	45	450	10040202	5.4

FIGURE 83 FURUKAWA F3 / FX35

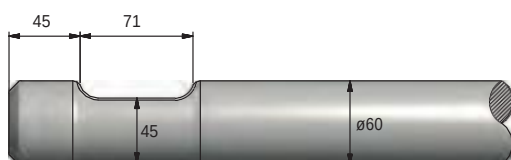
KENT KF3



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	52	525	10040301	8.4
Chisel	52	525	10040302	8.4

FIGURE 84 FURUKAWA F4 / FX45

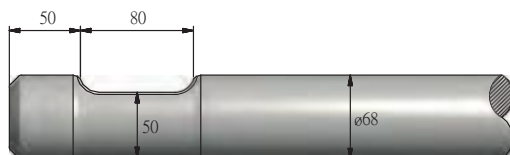
KENT KF4



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	60	560	10040401	11.9
Chisel	60	560	10040402	11.9

FIGURE 85 FURUKAWA F5 / FX55

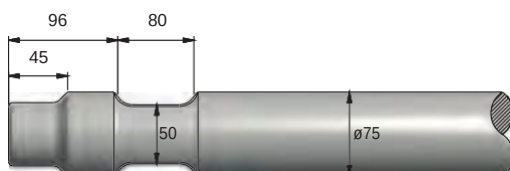
DEMOTER (VISTIRINI) DM240RE | KENT KF5



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	600	10040501	16.3
Chisel	68	600	10040502	16.3

FIGURE 86 FURUKAWA F6

KENT KF6

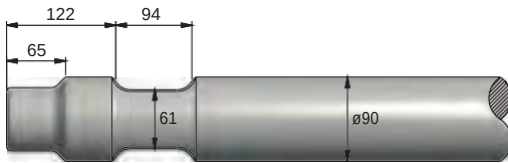


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	75	730	10040601	24.2
Chisel	75	730	10040602	24.2

FURUKAWA F9

FIGURE 87

KENT KF9

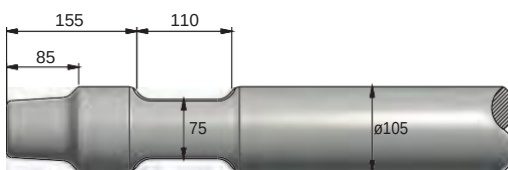


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	850	10040701	40.5
Chisel	90	850	10040702	40.5

FURUKAWA F12

FIGURE 88

KENT KF12

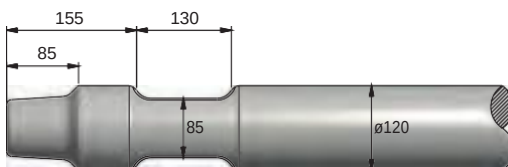


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	1100	10040801	71.4
Chisel	105	1100	10040801	71.4
Blunt	105	1100	10040825	71.4

FURUKAWA F19

FIGURE 89

KENT KF19

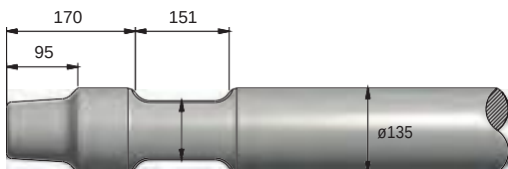


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1200	10040901	101.7
Chisel	120	1200	10040902	101.7
Blunt	120	1200	10040903	101.7

FURUKAWA F22

FIGURE 90

FURUKAWA F20 | KENT KF22

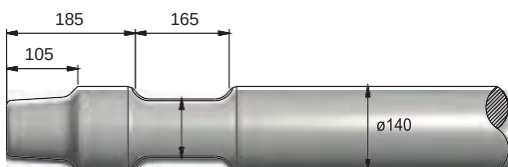


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1250	10041001	134.1
Chisel	135	1250	10041002	134.1
Blunt	135	1250	10041025	134.1

FURUKAWA F27

FIGURE 91

KENT KF27

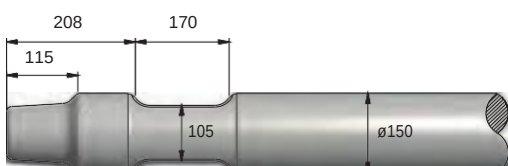


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1300	10041101	150.0
Chisel	140	1300	10041102	150.0
Blunt	140	1300	10041125	150.0

FURUKAWA F35

FIGURE 92

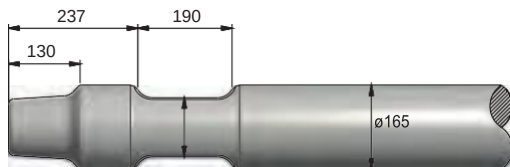
FURUKAWA F30 | KENT KF35



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1400	10041201	185.5
Chisel	150	1400	10041202	185.5
Blunt	150	1400	10041225	185.5

FIGURE 93**FURUKAWA F45**

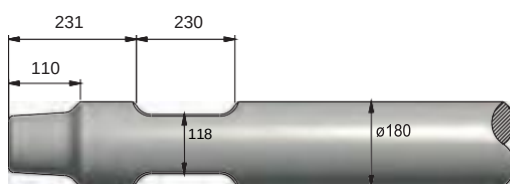
KENT KF45



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1500	10041301	240.4
Chisel	165	1500	10041302	240.4
Blunt	165	1500	10041325	240.4

FIGURE 94**FURUKAWA F70**

FURUKAWA HB100G | KENT KF70



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	180	1600	10041401	305.2
Chisel	180	1600	10041402	305.2
Blunt	180	1600	10041425	305.2

FIGURE 95**FURUKAWA F100**

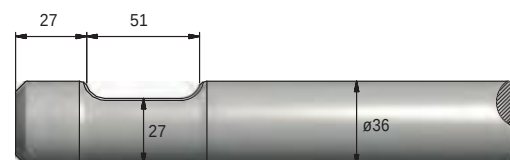
KENT KF100



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	210	1900	10041501	493.3
Chisel	210	1900	10041502	493.3
Blunt	210	1900	10041525	493.3

FIGURE 96**FURUKAWA HB1G / F1 / FX15**

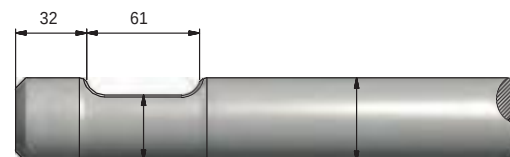
KENT KHB1G



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	36	400	10040101	3.1
Chisel	36	400	10040102	3.1

FIGURE 97**FURUKAWA HB2G / F2 / FX25**

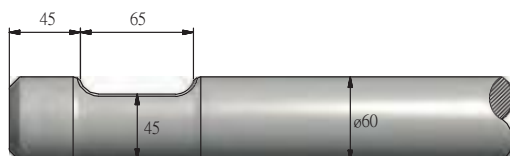
KENT KHB2G



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	450	10040201	5.4
Chisel	45	450	10040202	5.4

FIGURE 98**FURUKAWA HB3G**

DAINONG (DNB) DNB K25 | DEMOTER (VISTIRINI) DM160RE | KENT KHB3G

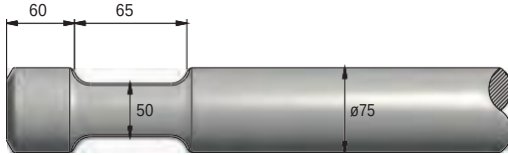


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	60	560	10040301	11.9
Chisel	60	560	10040302	11.9

FURUKAWA HB5G

FIGURE 99

DAINONG (DNB) DNB K30 | KENT KHB5G

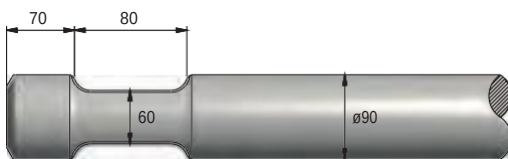


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	75	640	10042101	21.2
Chisel	75	640	10042102	21.2

FURUKAWA HB8G

FIGURE 100

KENT KHB8G

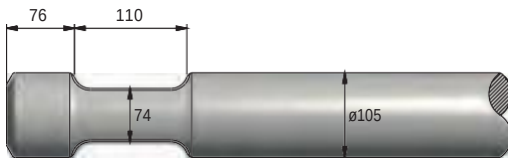


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	750	10042201	35.8
Chisel	90	750	10042202	35.8

FURUKAWA HB10G

FIGURE 101

DAINONG (DNB) DNB K50 | KENT KHB10G

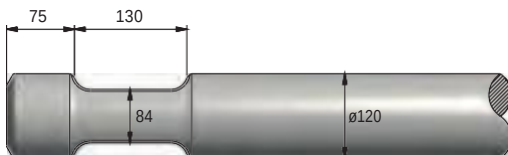


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	1000	10042301	64.9
Chisel	105	1000	10042302	64.9

FURUKAWA HB15G

FIGURE 102

DEHACO DHB1500S / DHB120 | KENT KHB15G

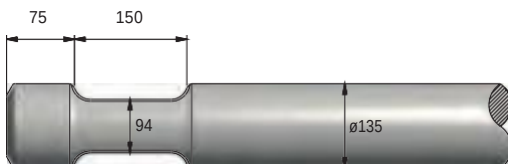


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1100	10042401	93.3
Chisel	120	1100	10042402	93.3

FURUKAWA HB20G

FIGURE 103

DAINONG (DNB) DNB K80 / 100 | DEHACO DHB2000S | KENT KHB20G

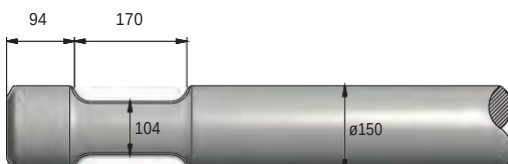


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1200	10042501	128.8
Chisel	135	1200	10042502	128.8

FURUKAWA HB30G

FIGURE 104

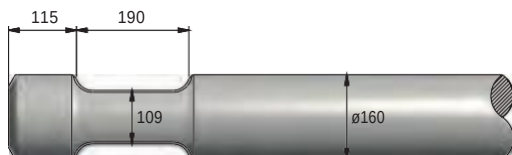
DAINONG (DNB) DNB K120 | DEHACO DHB3600S | KENT KHB30G



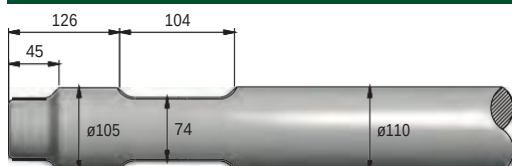
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1300	10042601	172.2
Chisel	150	1300	10042602	172.2

FIGURE 105**FURUKAWA HB40G**

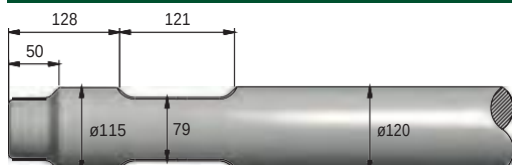
KENT KHB40G



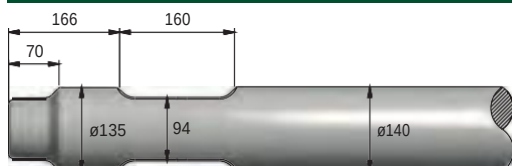
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1400	10042701	211.0
Chisel	160	1400	10042702	211.0

FIGURE 106**FURUKAWA FXJ 125**

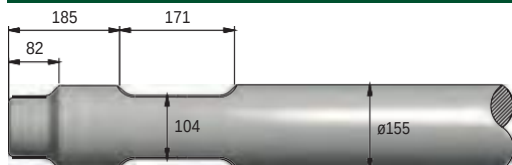
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	110	1070	10044601	76.2
Chisel	110	1070	10044602	76.2
Blunt	110	1070	10044625	76.2

FIGURE 107**FURUKAWA FXJ 175**

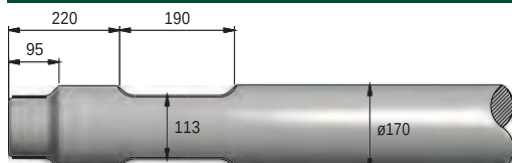
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1100	10044601	93.3
Chisel	120	1100	10044602	93.3
Blunt	120	1100	10044625	93.3

FIGURE 108**FURUKAWA FXJ 275**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1300	10043901	150.0
Chisel	140	1300	10043902	150.0
Blunt	140	1300	10043925	150.0

FIGURE 109**FURUKAWA FXJ 375**

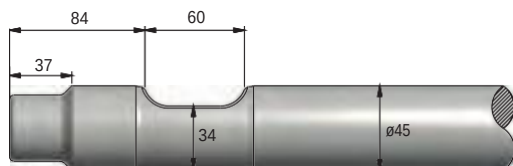
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	155	1400	10044401	198.0
Chisel	155	1400	10044402	198.0
Blunt	155	1400	10044425	198.0

FIGURE 110**FURUKAWA FXJ 475**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	170	1500	10043701	255.2
Chisel	170	1500	10043702	255.2
Blunt	170	1500	10043725	255.2

HANWOO RHB 301-V**FIGURE 111**

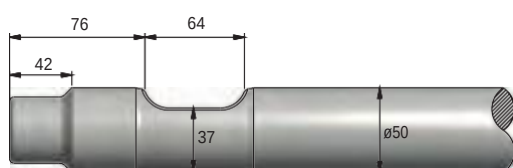
HANWOO 302-V | RHINO / MAGNUM RHB 301-V



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	480	10441801	5.7
Chisel	45	480	10441802	5.7

HANWOO RHB 302 / 303-V**FIGURE 112**

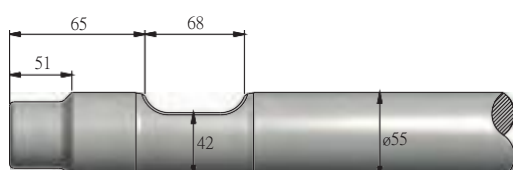
HANWOO / RHINO / MAGNUM RHB 302 / 303-V



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	490	10440201	7.2
Chisel	50	490	10440202	7.2

HANWOO RHB 303**FIGURE 113**

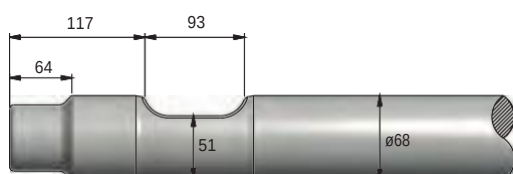
HANWOO / RHINO / MAGNUM RHB 303 / 303-VP



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	55	500	10440301	8.9
Chisel	55	500	10440302	8.9

HANWOO RHB 305-V**FIGURE 114**

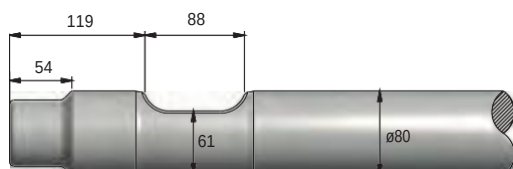
HANWOO / RHINO / MAGNUM RHB 305 / 305-V



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	760	10440501	20.7
Chisel	68	760	10440502	20.7

HANWOO RHB 306**FIGURE 115**

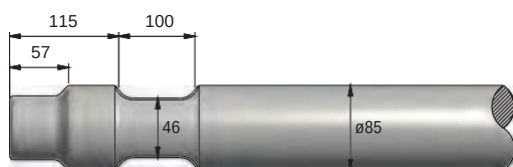
HANWOO / RHINO / MAGNUM RHB 306



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	850	10440601	32.0
Chisel	80	850	10440602	32.0

HANWOO RHB 308**FIGURE 116**

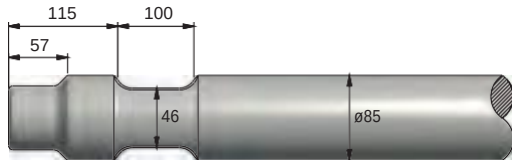
HANWOO / RHINO / MAGNUM RHB 308



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	85	900	10441601	38.3
Chisel	85	900	10441602	38.3

FIGURE 117**HANWOO RHB 309**

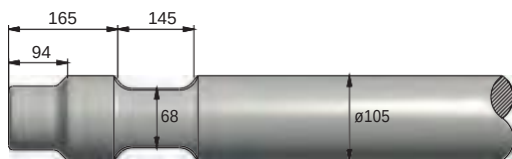
HANWOO / RHINO / MAGNUM RHB 308-2 / 309



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	85	900	10440701	38.3
Chisel	85	900	10440702	38.3

FIGURE 118**HANWOO RHB 313-V**

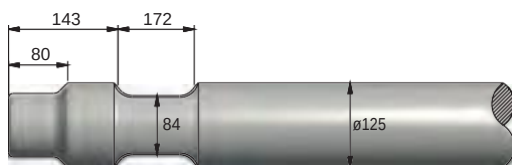
HANWOO / RHINO / MAGNUM RHB 313-V / 314



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	1050	10440801	68.2
Chisel	105	1050	10440802	68.2

FIGURE 119**HANWOO RHB 320**

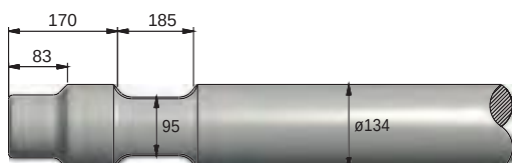
HANWOO / RHINO / MAGNUM RHB 320



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	125	1150	10440901	105.8
Chisel	125	1150	10440902	105.8
Blunt	125	1050	10440925	96.6

FIGURE 120**HANWOO RHB 322-2 / 325**

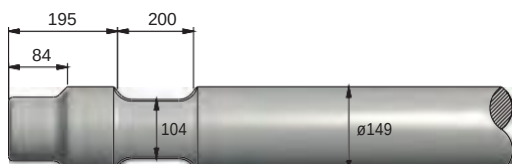
HANWOO / RHINO / MAGNUM RHB 322-2 / 323 / 325



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	134	1200	10441001	128.8
Chisel	134	1200	10441002	128.8
Blunt	134	1050	10441025	112.7

FIGURE 121**HANWOO RHB 328-2 / 330**

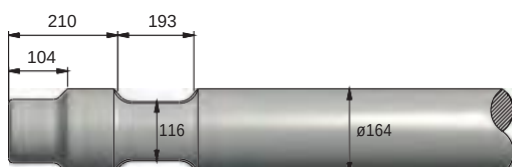
HANWOO / RHINO / MAGNUM RHB 328-2 / 330



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	149	1450	10441301	192.1
Chisel	149	1450	10441302	192.1
Blunt	149	1300	10441325	172.2

FIGURE 122**HANWOO RHB 340**

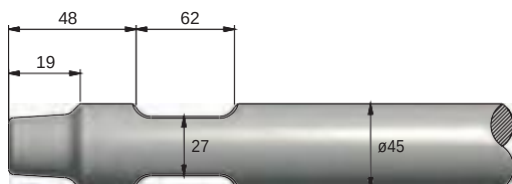
HANWOO / RHINO / MAGNUM RHB 340



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	164	1450	10441501	232.4
Chisel	164	1450	10441502	232.4
Blunt	164	1300	10441525	208.4

INDECO HP150**FIGURE 123**

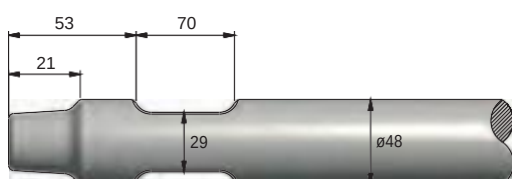
EURORAM / GLOBORAM / ROCKMASTER RM45 | INDECO MES / UP 121 / 150P



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	440	10020601	5.2
Chisel	45	440	10020602	5.2

INDECO HP200**FIGURE 124**

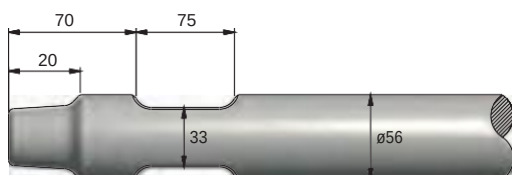
EURORAM / GLOBORAM / ROCKMASTER RM48 | INDECO MES / UP 180 / 181 / 200P



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	48	550	10020801	7.2
Chisel	48	550	10020802	7.2

INDECO HP350**FIGURE 125**

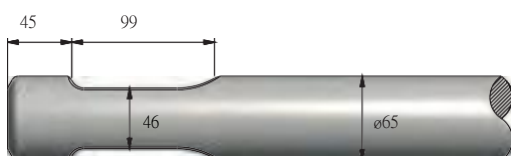
EURORAM / GLOBORAM / ROCKMASTER RM56 | INDECO MES / UP 300 / 301 / 350P / 351P / HP300



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	56	600	10020901	10.7
Chisel	56	600	10020902	10.7

INDECO HP500**FIGURE 126**

EURORAM / GLOBORAM / ROCKMASTER RM65 | INDECO HB5 | INDECO MES / UP 451 / 452 / 462P / 521 / 550



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	65	650	10021001	15.7
Chisel	65	650	10021002	15.7

INDECO HP600**FIGURE 127**

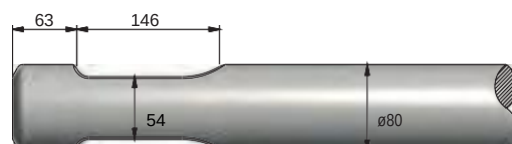
EURORAM / GLOBORAM / ROCKMASTER RM75 | INDECO MES / UP 553P



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	73	680	10021101	21.3
Chisel	73	680	10021102	21.3

INDECO HB8**FIGURE 128**

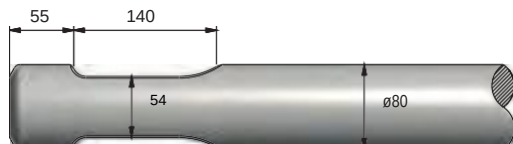
EURORAM / GLOBORAM / ROCKMASTER RM80



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	700	10020201	25.7
Chisel	80	700	10020202	25.7

FIGURE 129 INDECO HP700

INDECO MES / UP 601 / 621 / 650P



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	650	10021201	23.9
Chisel	80	650	10021202	23.9

FIGURE 130 INDECO HP900

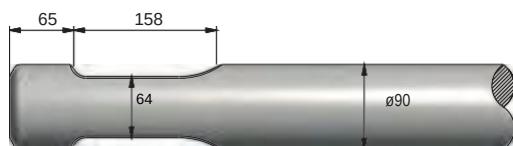
EURORAM / GLOBORAM / ROCKMASTER RM88 | INDECO UP 900



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	89	700	10022901	32.6
Chisel	89	700	10022902	32.6

FIGURE 131 INDECO HP1200

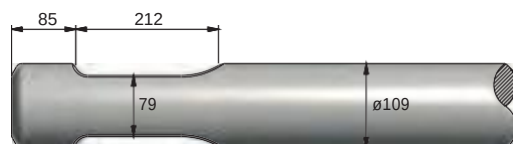
EURORAM / GLOBORAM / ROCKMASTER RM85 / 90 | INDECO HB12 | INDECO MES / UP 1200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	800	10021301	38.2
Chisel	90	800	10021302	38.2

FIGURE 132 INDECO HP1500

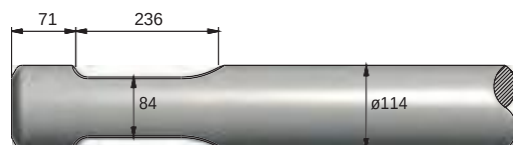
EURORAM / GLOBORAM / ROCKMASTER RM110 | INDECO HB19 | INDECO MES / UP 1500



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	109	900	10021401	63.0
Chisel	109	900	10021402	63.0
Blunt	109	800	10021425	56.0

FIGURE 133 INDECO HP1800

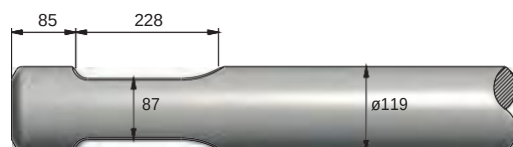
EURORAM / GLOBORAM / ROCKMASTER RM115 | INDECO MES / UP 1750 / 1800 | OMAL 1300



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	114	1000	10021501	76.5
Chisel	114	1000	10021502	76.5
Blunt	114	900	10021525	68.9

FIGURE 134 INDECO HP2000

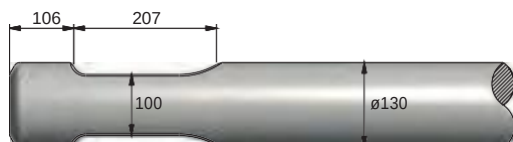
EURORAM / GLOBORAM / ROCKMASTER RM120 | INDECO HB27 | INDECO MES / UP 2000



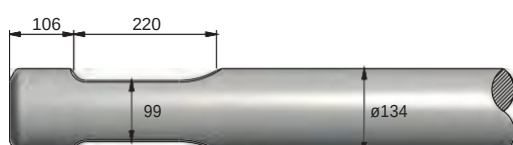
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	119	1000	10021601	83.4
Chisel	119	1000	10021602	83.4
Blunt	119	900	10021625	75.0

INDECO HP2500**FIGURE 135**

INDECO UP2500 / MES 2500 / EURORAM RM130



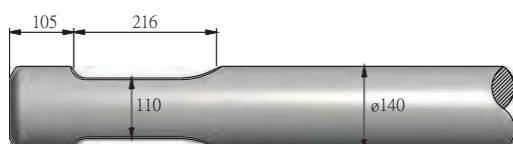
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1050	10021701	104.5
Chisel	130	1050	10021702	104.5
Blunt	130	950	10021725	94.5

INDECO HP2750**FIGURE 136**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	134	1100	10022801	116.3
Chisel	134	1100	10022802	116.3
Blunt	134	1000	10022825	105.7

INDECO HP3000**FIGURE 137**

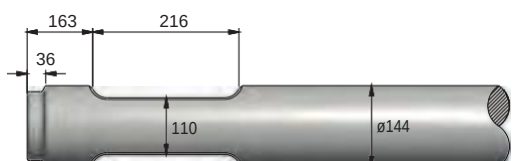
EURORAM / GLOBORAM / ROCKMASTER RM140 | INDECO MES / UP 3000



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1100	10021801	126.9
Chisel	140	1100	10021802	126.9
Blunt	140	1000	10021825	115.4

INDECO HP3500**FIGURE 138**

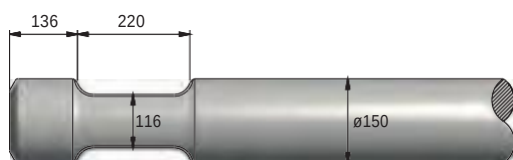
EURORAM / GLOBORAM / ROCKMASTER RM145 | INDECO MES / UP 3500



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	144	1170	10021901	142.8
Chisel	144	1170	10021902	142.8
Blunt	144	1070	10021925	130.6

INDECO HP4000**FIGURE 139**

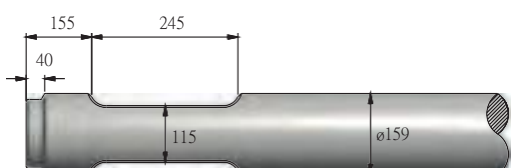
EURORAM / GLOBORAM / ROCKMASTER RM150 | INDECO MES / UP 4000 / 4001



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1250	10022001	165.6
Chisel	150	1250	10022002	165.6
Blunt	150	1150	10022025	152.3

INDECO HP5000**FIGURE 140**

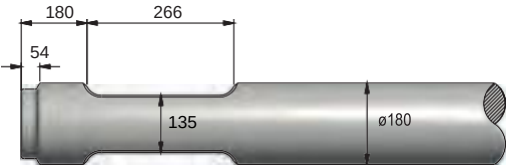
EURORAM / GLOBORAM / ROCKMASTER RM160 | INDECO MES / UP 5000



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	159	1320	10022101	196.5
Chisel	159	1320	10022102	196.5
Blunt	159	1170	10022125	174.1

FIGURE 141 INDECO HP7000

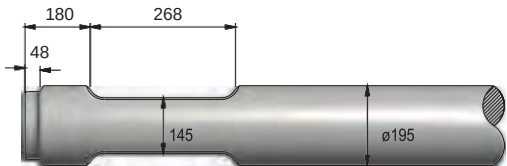
EURORAM / GLOBORAM / ROCKMASTER RM180 | INDECO MES / UP 7000



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	180	1450	10022201	276.6
Chisel	180	1450	10022202	276.6
Blunt	180	1300	10022225	248.0

FIGURE 142 INDECO HP9000

EURORAM / GLOBORAM / ROCKMASTER RM195 | INDECO MES / UP 8500



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	195	1530	10022301	342.5
Chisel	195	1530	10022302	342.5
Blunt	195	1380	10022325	308.9

ITALDEM GK 85 / 86**FIGURE 143**

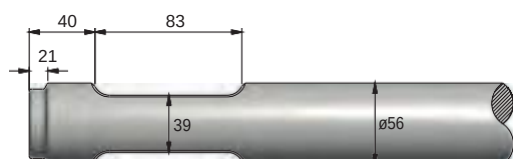
STAR SH91



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	46	450		5.6
Chisel	46	450		5.6

ITALDEM GK 160 / 161**FIGURE 144**

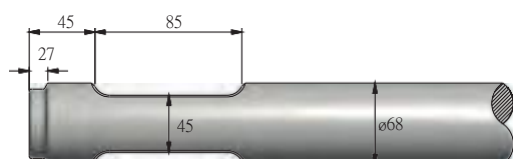
STAR SH151 / 161



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	56	500	10100201	9.2
Chisel	56	500	10100202	9.2

ITALDEM GK 211**FIGURE 145**

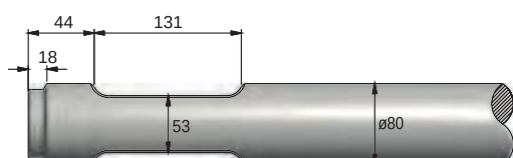
STAR SH200



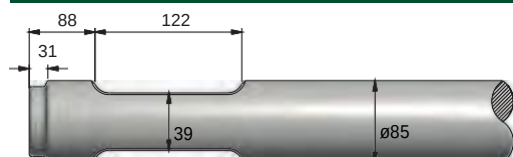
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	620	10100301	16.4
Chisel	68	620	10100302	16.4

ITALDEM GK 290 / 291**FIGURE 146**

STAR SH281



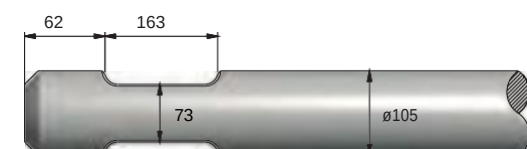
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	660	10100401	24.9
Chisel	80	660	10100402	24.9

ITALDEM GK 360 / 361**FIGURE 147**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	85	700	10100501	29.8
Chisel	85	700	10100502	29.8

ITALDEM GK 600 / 610**FIGURE 148**

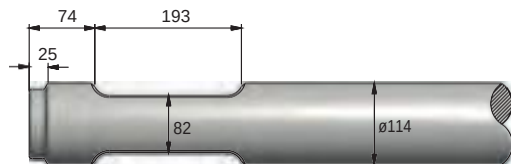
ITALDEM GK 620 | STAR SH561/562



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	900	10100601	58.4
Chisel	105	900	10100601	58.4

FIGURE 149 ITALDEM GK 950 / 960

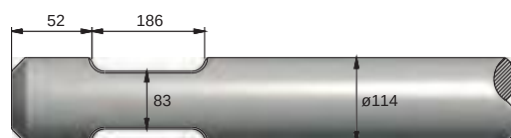
STAR SH991



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	114	1050	10100801	81.8
Chisel	114	1050	10100802	81.8
Blunt	114	950	10100825	74.0

FIGURE 150 ITALDEM GK 1050

STAR SH992



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	114	1050	10100901	80.3
Chisel	114	1050	10100902	80.3
Blunt	114	950	10100925	72.7

FIGURE 151 ITALDEM GK 1350

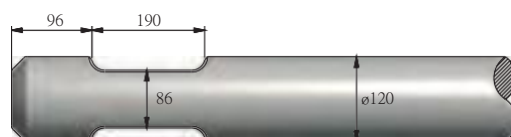
ITALDEM GK 1351 | STAR SH1401



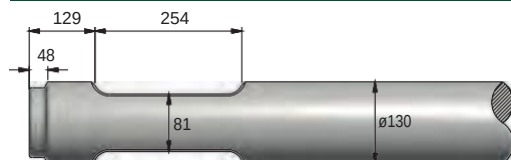
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	119	1100	10101001	93.3
Chisel	119	1100	10101002	93.3
Blunt	119	1000	10101025	84.8

FIGURE 152 ITALDEM GK 1351S

STAR SH1402



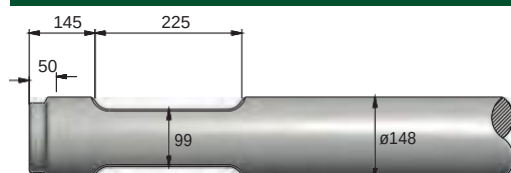
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1150	10101101	97.5
Chisel	120	1150	10101102	97.5
Blunt	120	1050	10101125	89.0

FIGURE 153 ITALDEM GK 1600

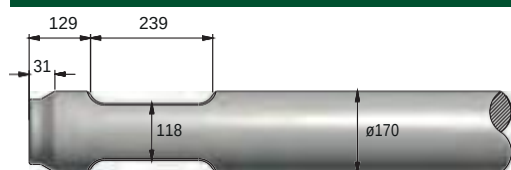
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1200	10101301	119.4
Chisel	130	1200	10101302	119.4
Blunt	130	1100	10101325	109.4

FIGURE 154 ITALDEM GK 1800

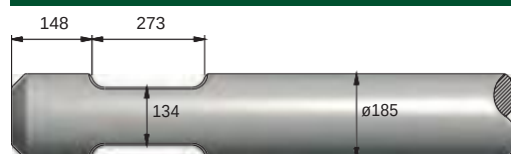
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1250	10102401	154.7
Chisel	140	1250	10102402	154.7
Blunt	140	1150	10102425	142.4

ITALDEM GK 2400**FIGURE 155**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	148	1350	10101501	174.1
Chisel	148	1350	10101502	174.1
Blunt	148	1200	10101525	154.8

ITALDEM GK 3400 / 3500**FIGURE 156**

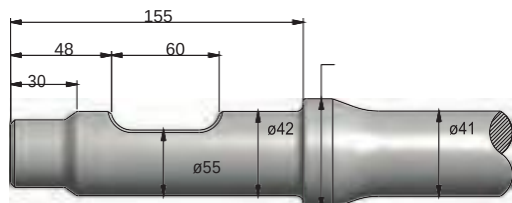
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	170	1450		246.7
Chisel	170	1450		246.7
Blunt	170	1300		221.2

ITALDEM GK 3800**FIGURE 157**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	185	1350		272.0
Chisel	185	1350		272.0
Blunt	185	1300		261.9

FIGURE 158

KRUPP HM45

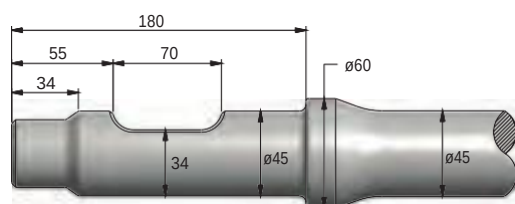


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	42	470	10060101	4.9
Chisel	42	470	10060102	4.9

FIGURE 159

KRUPP HM50 / 55

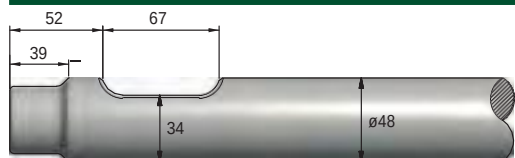
ALLIED HY-RAM 700 | (SEE ALSO ATLAS COPCO)



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	580	10060201	6.9
Chisel	45	580	10060202	6.9

FIGURE 160

KRUPP HM60V

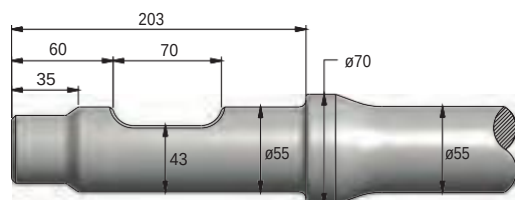


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	48	500	10060401	6.8
Chisel	48	500	10060402	6.8

FIGURE 161

KRUPP HM60 / 75

ALLIED HY-RAM 710 / 711

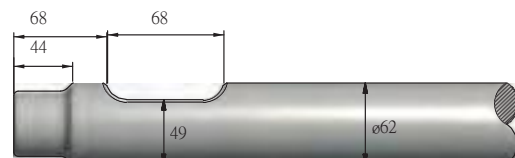


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	55	600	10060301	10.7
Chisel	55	600	10060302	10.7

FIGURE 162

KRUPP HM85 / 90 / 90V

ALLIED HY-RAM 711B

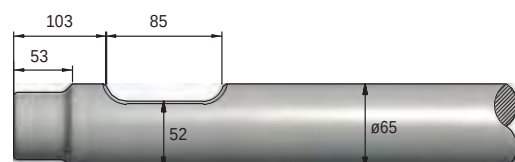


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	62	600	10060601	13.6
Chisel	62	600	10060602	13.6

FIGURE 163

KRUPP HM130 / 140V

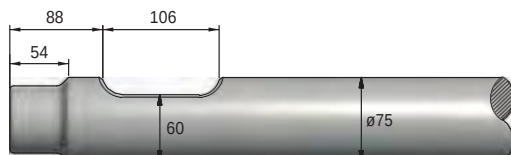
ALLIED HY-RAM 715



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	65	780	10060801	19.4
Chisel	65	780	10060802	19.4

KRUPP HM185/190V**FIGURE 164**

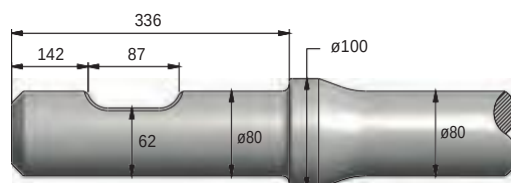
ALLIED HY-RAM 725



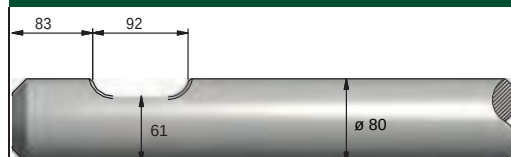
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	75	800	10061001	26.5
Chisel	75	800	10061002	26.5

KRUPP HM200**FIGURE 165**

ALLIED HY-RAM 77



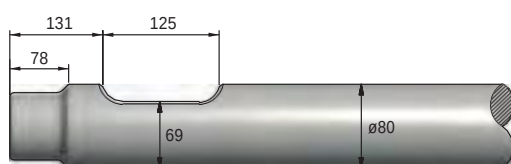
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	835	10061301	31.5
Chisel	80	835	10061302	31.5

KRUPP HM220 / 230**FIGURE 166**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	900	10061401	33.9
Chisel	80	900	10061402	33.9

KRUPP HM300 / 301 / 305**FIGURE 167**

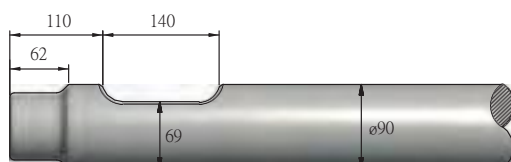
ALLIED HY-RAM 730 | DEMOTER (VISTIRINI) S430



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	900	10061501	33.9
Chisel	80	900	10061502	33.9

KRUPP HM350 / 350V**FIGURE 168**

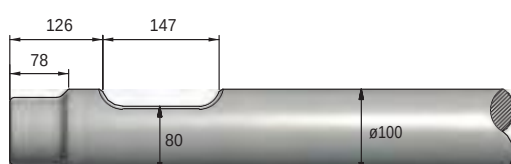
ALLIED HY-RAM 735 | ATLAS COPCO MB500



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	900	10061601	42.9
Chisel	90	900	10061602	42.9

KRUPP HM550 / 560V**FIGURE 169**

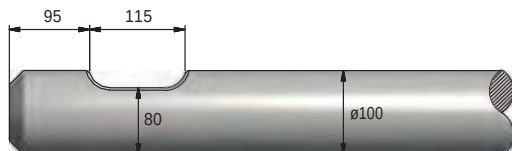
ALLIED HY-RAM 740



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	1000	10061801	58.9
Chisel	100	1000	10061802	58.9

FIGURE 170 KRUPP HM580

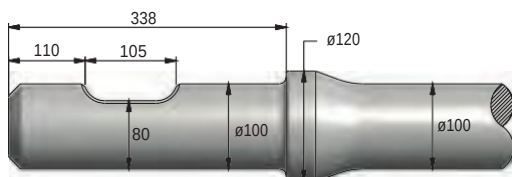
ALLIED HY-RAM 745 | CHICAGO PNEUMATIC (CP) CP750 / RX14 | ATLAS COPCO MB700/800



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	1000	10062001	58.9
Chisel	100	1000	10062002	58.9

FIGURE 171 KRUPP HM600 / 601

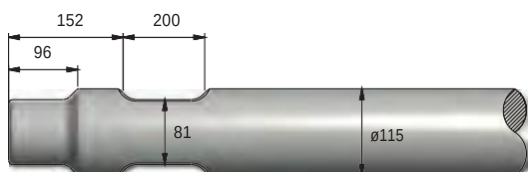
ALLIED HY-RAM 88



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	1000	10062101	58.9
Chisel	100	1000	10062102	58.9

FIGURE 172 KRUPP HM700 / 701 / 702 / 705

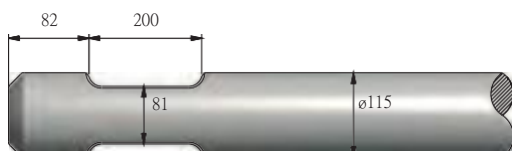
ALLIED HY-RAM 750



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1150	10062301	89.5
Chisel	115	1150	10062302	89.5
Blunt	115	1050	10062325	81.8

FIGURE 173 KRUPP HM710 / 720

ALLIED HY-RAM 750B | CHICAGO PNEUMATIC (CP) CP1150 | JCB HM1260 / HM1270Q



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1080	10062501	84.1
Chisel	115	1080	10062502	84.1
Blunt	115	1000	10062525	77.9

FIGURE 174 KRUPP HM780

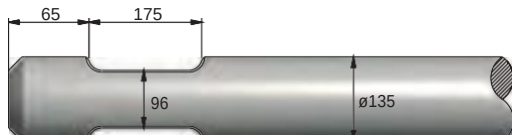
ALLIED HY-RAM 755 | ATLAS COPCO MB1200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1150	10062601	97.5
Chisel	120	1150	10062602	97.5
Blunt	120	1150	10062625	97.5

FIGURE 175 KRUPP HM950 / 960

ALLIED HY-RAM 770B | CHICAGO PNEUMATIC (CP) CP1550 / CP1650 / RX22 | ATLAS COPCO MB1600



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1350	10062901	114.2
Chisel	135	1350	10062902	142.7
Blunt	135	1080	10062925	114.2

KRUPP HM1000**FIGURE 176**

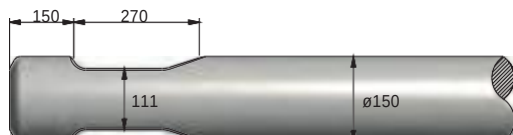
ALLIED HY-RAM 775CS | ATLAS COPCO MB1700



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10063101	138.5
Chisel	140	1200	10063102	138.5
Blunt	140	1100	10063125	126.9

KRUPP HM1500MV**FIGURE 177**

ALLIED HY-RAM 785 | CHICAGO PNEUMATIC (CP) CP2250 / RX29 / RX30 | ATLAS COPCO HB2200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1300	10063301	172.2
Chisel	150	1300	10063302	172.2
Blunt	150	1150	10063325	152.3

KRUPP HM2000MV**FIGURE 178**

ALLIED HY-RAM 795CS | (SEE ALSO ATLAS COPCO)



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1400	10063501	211.0
Chisel	160	1400	10063502	211.0
Blunt	160	1250	10063525	188.4

KRUPP HM2100 / 2300**FIGURE 179**

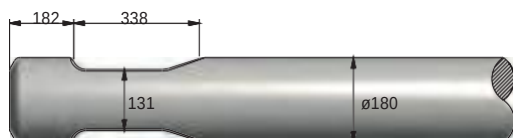
ALLIED HY-RAM 797 | ATLAS COPCO HB3000 | CHICAGO PNEUMATIC CP3050



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1500	10063601	240.4
Chisel	165	1300	10063602	208.4
Blunt	165	1300	10063625	208.4

KRUPP HM2500 / 2600MV**FIGURE 180**

ALLIED HY-RAM 800 / 805 | ATLAS COPCO HB4200 | CHICAGO PNEUMATIC CP4250 | KRUPP HM2500MV / 2600 / HB4200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	180	1500	10063901	286.1
Chisel	180	1500	10063902	286.1
Blunt	180	1350	10063925	257.5

KRUPP HM3000**FIGURE 181**

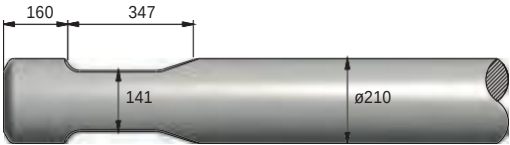
ATLAS COPCO HB5800



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	200	1700	10064101	400.4
Chisel	200	1700	10064102	400.4
Blunt	200	1500	10064125	353.3

FIGURE 182 KRUPP HM4000

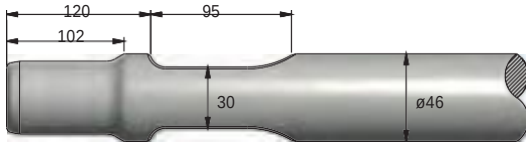
ALLIED HY-RAM 905 | ATLAS COPCO HB7000



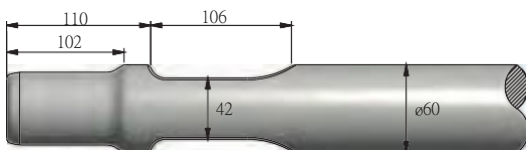
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	210	1800	10054901	467.3
Chisel	210	1800	10054902	467.3
Blunt	210	1600	10054925	415.4

MONTABERT BRH40**FIGURE 183**

IDROMECCANICA IMI 85 | ITALDEM K 80 | OCM 8 | OMAL 80 | OMD 20 |
PROMOVE PMV90 / P3SH | STAR SH40



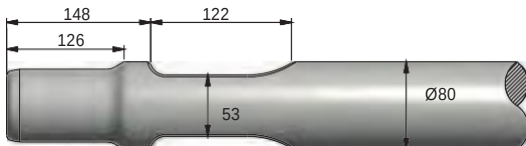
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	46	700	10010101	6.0
Chisel	46	700	10010102	8.3

MONTABERT BRH75 / 76 / 90 / 91**FIGURE 184**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	60	550	10010201	11.7
Chisel	60	550	10010202	11.7

MONTABERT BRH125**FIGURE 185**

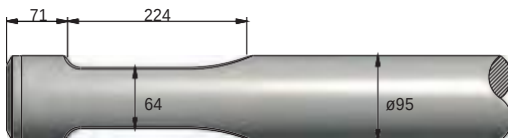
IDROMECCANICA IMI 260 | ITALDEM K 270 | OCM25 | OMAL 235 / 270 / 270S / 276 | OMD 30 |
PROMOVE PMV290 / 390 / P12SH | STAR SH280



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	950	10010701	24.5
Chisel	80	950	10010702	35.8

MONTABERT BRH250 / 270**FIGURE 186**

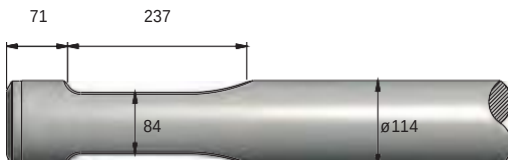
IDROMECCANICA IMI 600 / 605 | ITALDEM K 550 | JCB HM480 | OCM55 | OMAL 500 / 550 |
OMD 50 | PROMOVE PMV690 / P16SH | STAR SH560



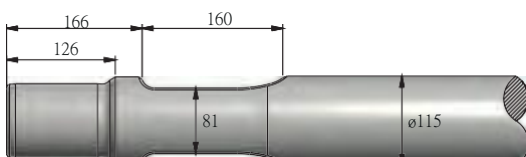
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	1000	10010801	45.2
Chisel	95	1000	10010802	53.1

MONTABERT BRH501 / 570**FIGURE 187**

IDROMECCANICA IMI / 1000 / 1010 | INDECO HP1800 | ITALDEM K 1000 | OCM100 |
OMAL 1000 / 1050 | OMD 100 | PROMOVE PMV1000 / P23SH | STAR SH990



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	114	1300	10016001	76.5
Chisel	114	1300	10016002	99.5
Blunt	114	1000	10016025	76.5

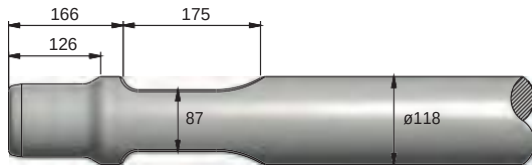
MONTABERT BRH620**FIGURE 188**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1000	10011201	76.5
Chisel	115	1000	10011201	76.5

MONTABERT

FIGURE 189 MONTABERT BRH625 / 900

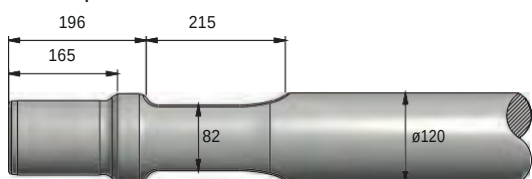
MONTABERT M900 | JCB HM630 | PROMOVE P22 | STAR SH1200 | ITALDEM K 1030



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	118	1500	10011301	82.0
Chisel	118	1500	10011302	94.3
Blunt	118	1000	10011325	82.0

FIGURE 190 MONTABERT BRH750

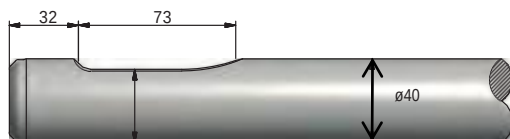
IDROMECCANICA IMI 1200 | ITALDEM K 1300 | OCM130 | OMD 2000 | PROMOVE PMV1390 / P27SH | STAR SH1400



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1100	10011401	93.3
Chisel	120	1100	10011402	93.3
Blunt	120	1000	10011425	84.8

FIGURE 191 MONTABERT M30

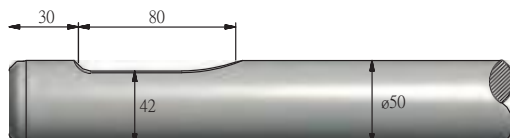
BOBCAT B300 | MONTABERT BRP30



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	410	10011701	3.9
Chisel	40	410	10011702	3.9

FIGURE 192 MONTABERT M50 / 50SMS

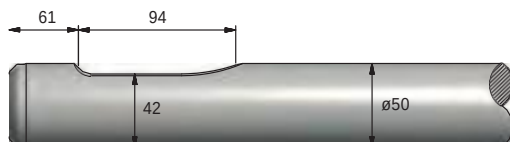
BOBCAT B500 | MONTABERT BRP45/50



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	630	10012001	6.3
Chisel	50	630	10012002	9.3

FIGURE 193 MONTABERT M70 / 70SMS

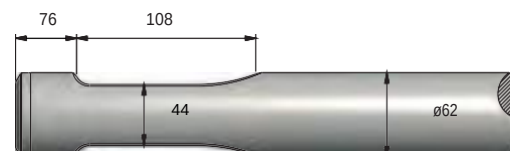
BOBCAT B600 / B700 | MONTABERT BRP60/70



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	710	10012201	7.5
Chisel	50	710	10012202	10.5

FIGURE 194 MONTABERT M85 / 85SMS / 90 / 90SMS

BOBCAT B850 / B950 | MONTABERT 95/100 (BRP85/95/100)



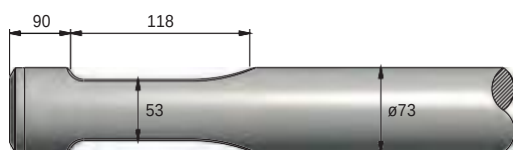
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	62	620	10012301	14.0
Chisel	62	620	10012302	14.0

MONTABERT 125SX**FIGURE 195**

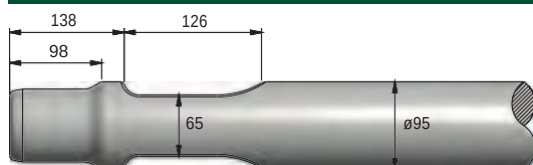
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	74	750	10010601	24.2
Chisel	74	750	10010602	24.2

MONTABERT M140 / 140SMS / 150 / 150SMS**FIGURE 196**

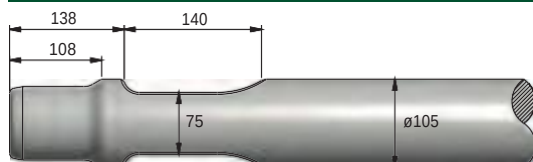
BOBCAT B1200 / B1400 | MONTABERT M150 (BRP130 / 140 / 150)



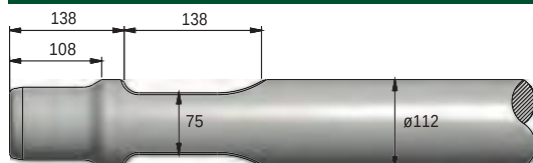
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	74	950	10012601	23.2
Chisel	74	950	10012602	29.8

MONTABERT M300 / 300MS**FIGURE 197**

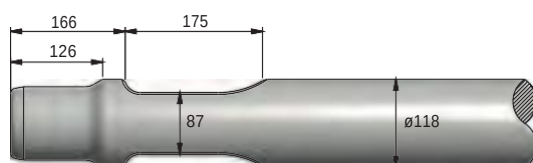
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	850	10015101	43
Chisel	95	850	10015102	43

MONTABERT M600**FIGURE 198**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	930	10014001	60.4
Chisel	105	930	10014002	60.4

MONTABERT M700 / 700SMS**FIGURE 199**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	112	1000	10014101	72.5
Chisel	112	1000	10014102	72.5

MONTABERT M900 / 900MS / BRH625**FIGURE 200**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	118	1150	10011301	82.0
Chisel	118	1150	10011302	94.3
Blunt	118	1000	10011325	82.0

MONTABERT

FIGURE 201 MONTABERT SILVER CLIP 06 (SC06)

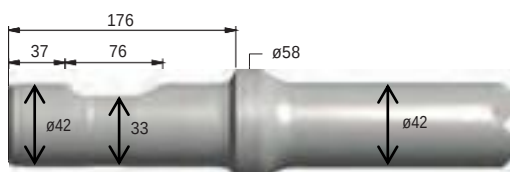
BOBCAT B280



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	37	455	10014301	3.7
Chisel	37	455	10014302	3.7
Pyramid Pt	37	455	10014303	3.7

FIGURE 202 MONTABERT SILVER CLIP 08 (SC08)

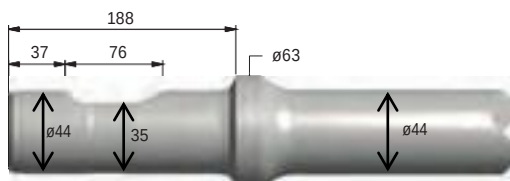
BOBCAT B380



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	42	455	10014401	4.7
Chisel	42	455	10014402	4.7
Pyramid Pt	42	455	10014403	4.7

FIGURE 203 MONTABERT SILVER CLIP 12 (SC12)

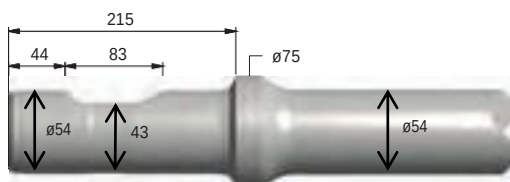
BOBCAT B580



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	44	475	10014501	5.4
Chisel	44	475	10014502	5.4
Pyramid Pt	44	475	10014503	5.4

FIGURE 204 MONTABERT SILVER CLIP 16 (SC16)

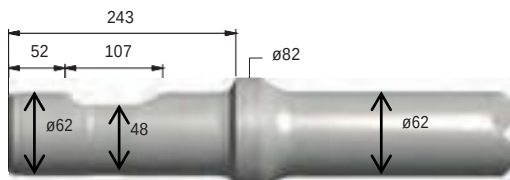
BOBCAT B680



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	54	550	10014601	9.4
Chisel	54	550	10014602	9.4
Pyramid Pt	54	550	10014603	9.4

FIGURE 205 MONTABERT SILVER CLIP 22 (SC22)

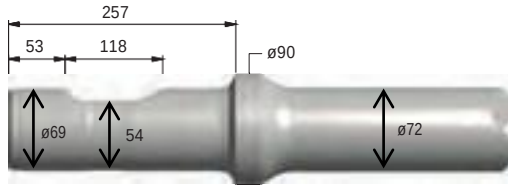
BOBCAT B880



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	62	580	10014701	13.1
Chisel	62	580	10014702	13.1
Pyramid Pt	62	580	10014703	13.1

MONTABERT SILVER CLIP 28 (SC28)**FIGURE 206**

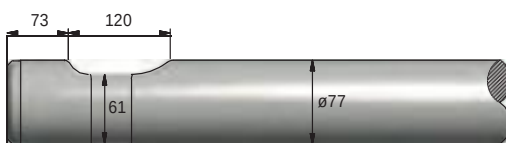
BOBCAT B980



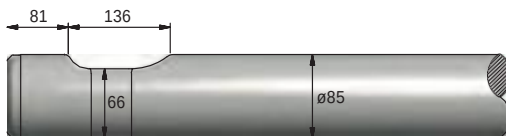
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	69	620	10014801	17.4
Chisel	69	620	10014802	17.4
Pyramid Pt	69	620	10014803	17.4

MONTABERT SILVER CLIP 36 (SC36)**FIGURE 207**

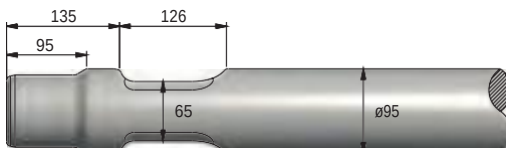
BOBCAT B1180



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	77	710	10014901	24.8
Chisel	77	710	10014902	24.8
Pyramid Pt	77	710	10014903	24.8

MONTABERT SILVER CLIP 42 (SC42)**FIGURE 208**

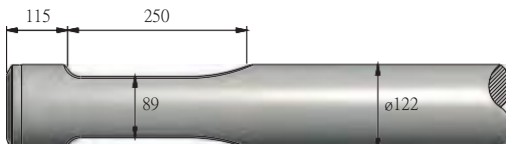
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	85	800	10015001	34.0
Chisel	85	800	10015002	34.0
Pyramid Pt	85	800	10015003	34.0

MONTABERT SILVER CLIP 50 (SC50)**FIGURE 209**

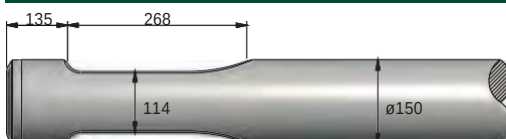
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	850	10015101	45.2
Chisel	95	850	10015102	45.2
Pyramid Pt	95	850	10015103	45.2

MONTABERT V32 / V32MS / V1200**FIGURE 210**

JCB HM690 | MONTABERT V32(BRV32)

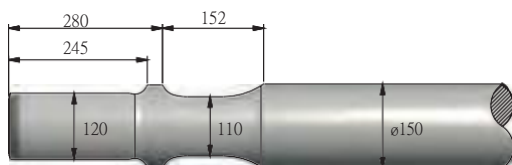


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	122	1100	10012901	96.4
Chisel	122	1300	10012902	113.9
Blunt	122	1100	10012925	96.4

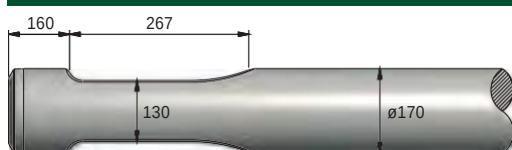
MONTABERT V43 / BRV43**FIGURE 211**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1250	10013001	165.6
Chisel	150	1250	10013002	165.6
Blunt	150	1100	10013025	145.7

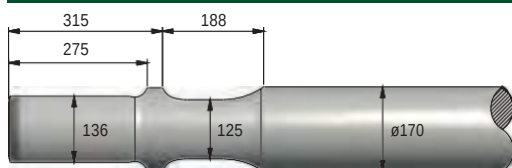
MONTABERT

FIGURE 212 MONTABERT V45 / BRV45


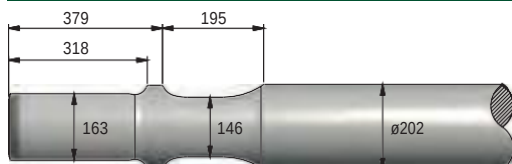
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1500	10013101	178.8
Chisel	150	1500	10013102	198.7
Blunt	150	1500	10013125	198.7

FIGURE 213 MONTABERT V53 / BRV53


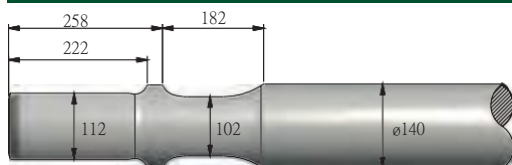
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	170	1400	10013201	238.2
Chisel	170	1400	10013202	238.2
Blunt	170	1250	10013225	212.7

FIGURE 214 MONTABERT V55 / BRV55


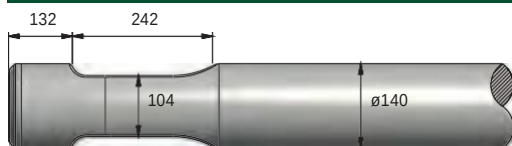
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	170	1500	10013301	255.2
Chisel	170	1500	10013302	255.2
Blunt	170	1500	10013325	255.2

FIGURE 215 MONTABERT V65 / BRV65


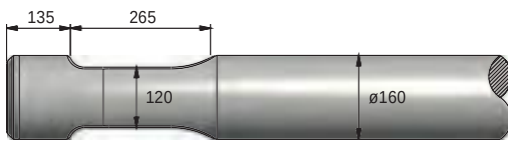
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	202	1800	10013401	432.4
Chisel	202	1800	10013402	432.4
Blunt	202	1800	10013425	432.4

FIGURE 216 MONTABERT V1600


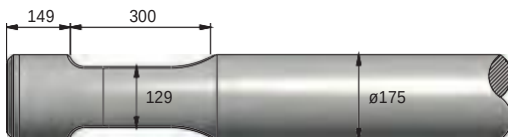
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1300	10013601	154.3
Chisel	140	1300	10013602	154.3
Blunt	140	1200	10013625	142.5

FIGURE 217 MONTABERT V1800


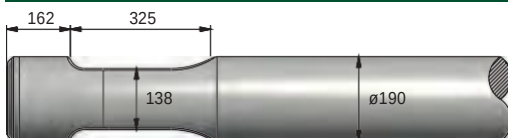
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1300	10013701	150.0
Chisel	140	1300	10013702	150.0
Blunt	140	1300	10013725	150.0

MONTABERT V2500**FIGURE 218**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1500	10013801	226.1
Chisel	160	1500	10013802	226.1
Blunt	160	1350	10013825	203.5

MONTABERT V3500**FIGURE 219**

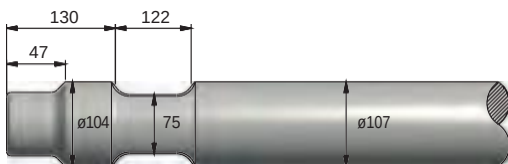
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	175	1560	10015901	278.1
Chisel	175	1560	10015902	278.1
Blunt	175	1400	10015925	249.5

MONTABERT V4500**FIGURE 220**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	190	1660	10016101	352.8
Chisel	190	1660	10016102	352.8
Blunt	190	1450	10016125	308.2

MONTABERT (BLUE LINE) XL1000**FIGURE 221**

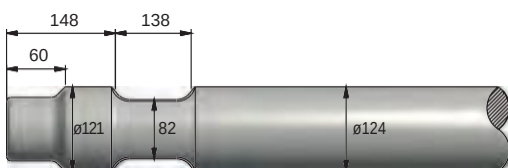
DOOSAN DXB100H



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	107	1000	10015801	67.4
Chisel	107	1000	10015802	67.4
Blunt	107	1000	10015825	67.4

MONTABERT (BLUE LINE) XL1300**FIGURE 222**

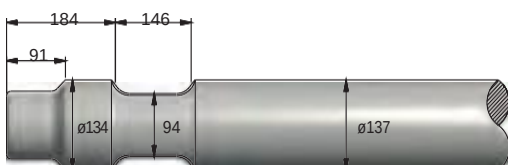
DOOSAN DXB130H



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	124	1100	10015501	88.7
Chisel	124	1100	10015502	88.7
Blunt	124	1100	10015525	88.7

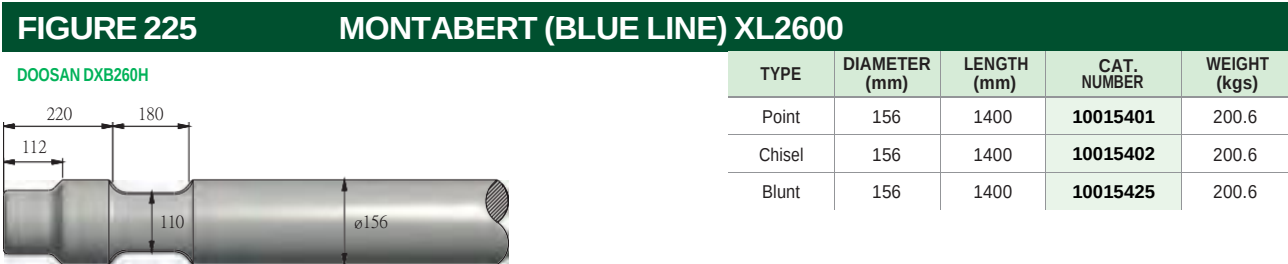
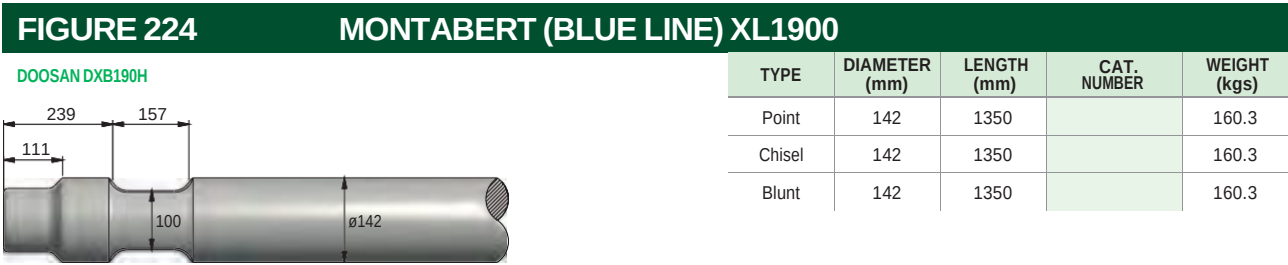
MONTABERT (BLUE LINE) XL1700**FIGURE 223**

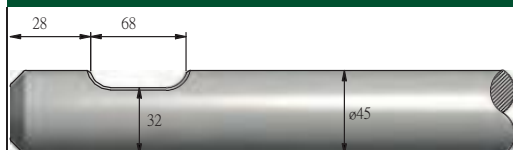
DOOSAN DXB170H



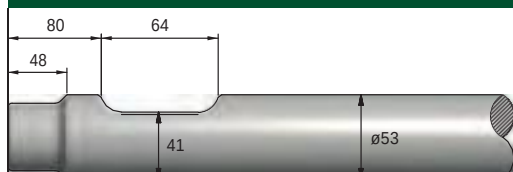
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	137	1200	10015301	132.6
Chisel	137	1200	10015302	132.6
Blunt	137	1200	10015325	132.6

MONTABERT

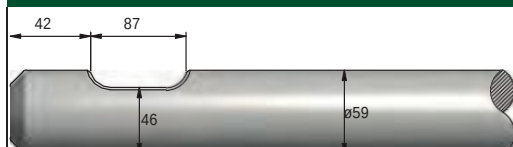


MSB SAGA 20II**FIGURE 226**

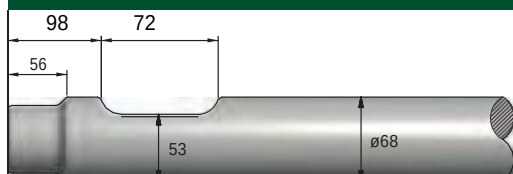
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	400	10471901	4.7
Chisel	45	400	10471902	4.7

MSB SAGA 30II**FIGURE 227**

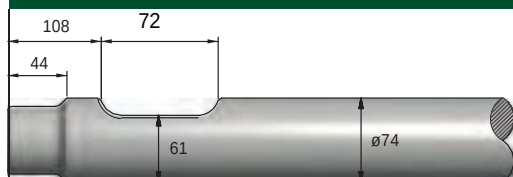
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	53	500	10471301	8.3
Chisel	53	500	10471302	8.3

MSB SAGA 40II**FIGURE 228**

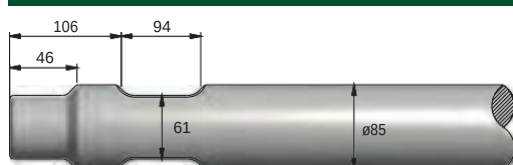
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	59	550	10471501	11.5
Chisel	59	550	10471502	11.5

MSB SAGA 50**FIGURE 229**

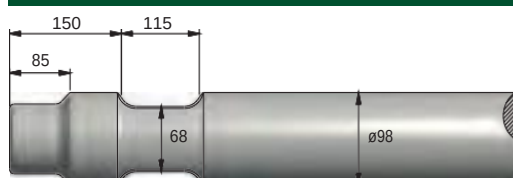
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	700	10360301	19.1
Chisel	68	700	10360302	19.1

MSB SAGA 80 / 81**FIGURE 230**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	74	750		24.5
Chisel	74	750		24.5

MSB SAGA 100**FIGURE 231**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	85	900		38.3
Chisel	85	900		38.3

MSB SAGA 120**FIGURE 232**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	98	950	10471701	53.7
Chisel	98	950	10471702	53.7

FIGURE 233 MSB SAGA 180

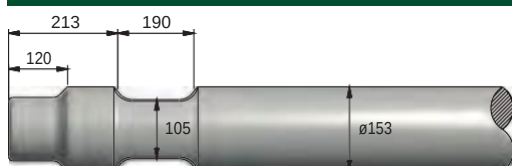
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1100	10471601	93.3
Chisel	120	1100	10471602	93.3

FIGURE 234 MSB SAGA 200II / 220

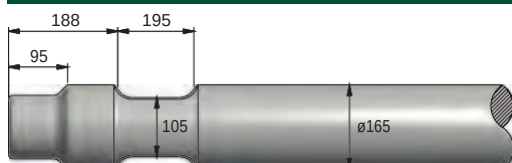
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1200		128.8
Chisel	135	1200		128.8

FIGURE 235 MSB SAGA 300

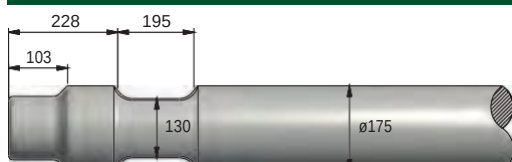
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1300		172.2
Chisel	150	1300		172.2

FIGURE 236 MSB SAGA 350

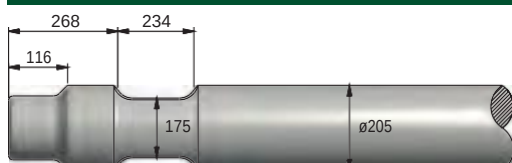
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	153	1400		192.9
Chisel	153	1400		192.9

FIGURE 237 MSB MS 35AT

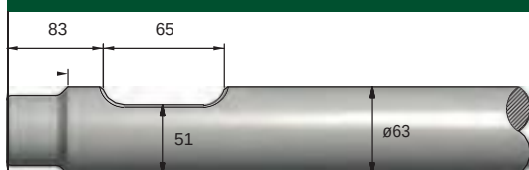
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1350		216.4
Chisel	165	1350		216.4

FIGURE 238 MSB MS 45AT

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	175	1500		270.5
Chisel	175	1500		270.5

FIGURE 239 MSB MS 75AT

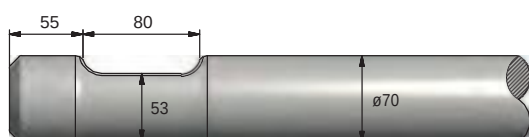
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	205	1650		408.2
Chisel	205	1650		408.2

MSB MS200**FIGURE 240**

TYPE	DIAMETER (mm)	LENGTH	CAT. NUMBER	WEIGHT (kgs)
Point	63	600	10471001	13.6
Chisel	63	600	10471002	13.6

MSB MS220H / 230H**FIGURE 241**

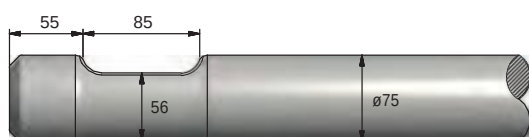
ALLIED AR70B | INAN MAKINA (MTB) MT 25 | MTB MT25 | WIMMER W-220



TYPE	DIAMETER (mm)	LENGTH	CAT. NUMBER	WEIGHT (kgs)
Point	70	680	10471801	19.6
Chisel	70	680	10471802	19.6

MSB MS250**FIGURE 242**

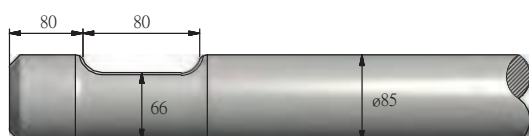
ALLIED AR75B | INAN MAKINA (MTB) MT 35 / 36 | MSB MS225 / MS250H | MTB MT35 / 36



TYPE	DIAMETER (mm)	LENGTH	CAT. NUMBER	WEIGHT (kgs)
Point	75	700	10471401	23.2
Chisel	75	700	10471402	23.2

MSB MS300**FIGURE 243**

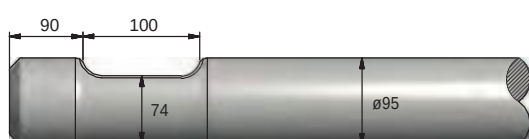
ALLIED AR85 | INAN MAKINA (MTB) MT 45 | MSB MS300H | MTB MT45 | WIMMER W-330



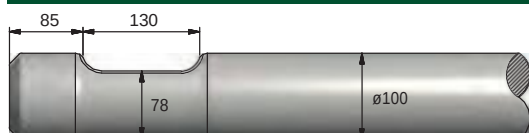
TYPE	DIAMETER (mm)	LENGTH	CAT. NUMBER	WEIGHT (kgs)
Point	85	790	10470101	33.6
Chisel	85	790	10470102	33.6

MSB MS400**FIGURE 244**

ALLIED AR95 | MSB MS400H | WIMMER W-440



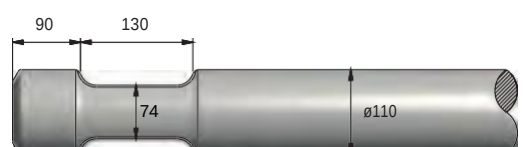
TYPE	DIAMETER (mm)	LENGTH	CAT. NUMBER	WEIGHT (kgs)
Point	95	920	10470901	48.9
Chisel	95	920	10470902	48.9

MSB MS450H / MS460H**FIGURE 245**

TYPE	DIAMETER (mm)	LENGTH	CAT. NUMBER	WEIGHT (kgs)
Point	100	920	10470801	54.2
Chisel	100	920	10470802	54.2

MSB MS500H / MS520H**FIGURE 246**

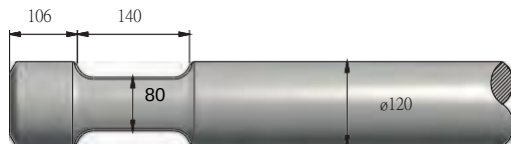
INAN MAKINA (MTB) MT 120 | MTB MT120 | WIMMER W-550



TYPE	DIAMETER (mm)	LENGTH	CAT. NUMBER	WEIGHT (kgs)
Point	110	1050	10181101	74.8
Chisel	110	1050	10181102	74.8

FIGURE 247 MSB MS550H

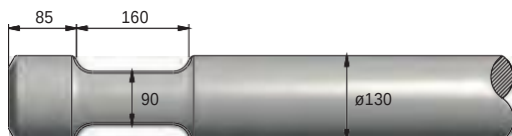
ALLIED AR120 | INAN MAKINA (MTB) MT 150 | MTB MT150 | WIMMER W-600



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1100	10181201	93.3
Chisel	120	1100	10181202	93.3

FIGURE 248 MSB MS600

ALLIED AR130B | INAN MAKINA (MTB) MT 170 | MTB MT170 | WIMMER W-660



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1200	10181301	119.4
Chisel	130	1200	10181302	119.4
Blunt	130	1100	10181325	109.4

FIGURE 249 MSB MS700

ALLIED AR140 | INAN MAKINA (MTB) MT 210 | MTB MT210 | WIMMER W-770



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10181401	138.5
Chisel	140	1200	10181402	138.5
Blunt	140	1100	10181425	126.9

FIGURE 250 MSB MS800 / MS810H

ALLIED AR160C | INAN MAKINA (MTB) MT 275 | MSB MS810H | MTB MT270 / 275 | WIMMER W-880



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1400	10181801	211.0
Chisel	160	1400	10181802	211.0
Blunt	160	1250	10181825	188.4

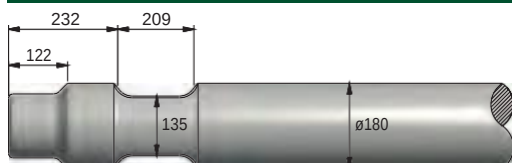
FIGURE 251 MSB MS900 / MS910

INAN MAKINA (MTB) MT 360 | MTB MT360 | WIMMER W-990

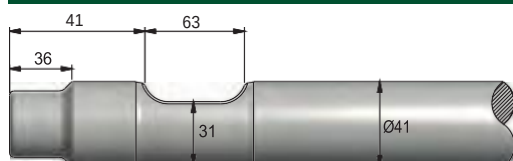


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	170	1450	10182001	246.7
Chisel	170	1450	10182002	246.7
Blunt	170	1300	10182025	221.2

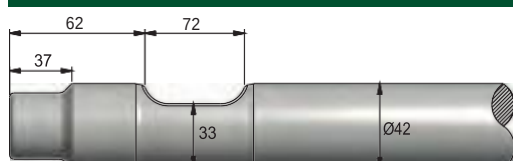
FIGURE 252 MSB MS1000H



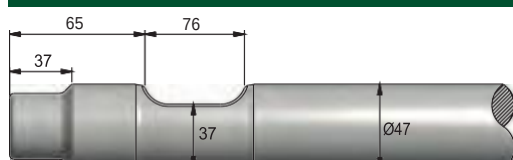
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	180	1600		305.2
Chisel	180	1600		305.2
Blunt	180	1600		305.2

NPK**NPK E-106****FIGURE 253**

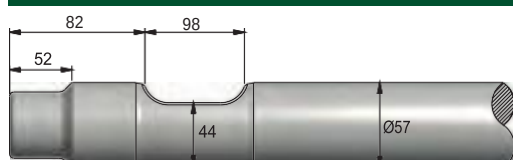
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	96	940		51.0
Chisel	96	940		51.0

NPK E-200 / GH06**FIGURE 254**

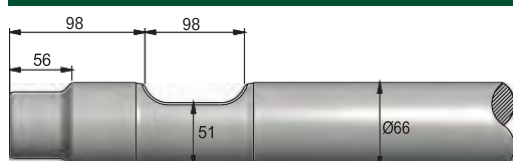
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	106	950		62.8
Chisel	106	950		62.8

NPK E-201 / GH07**FIGURE 255**

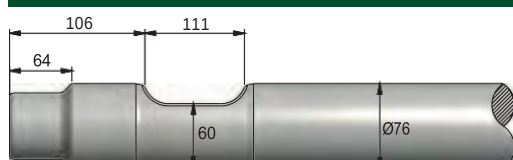
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	47	550		7.2
Chisel	47	550		7.2

NPK E-202 / GH1**FIGURE 256**

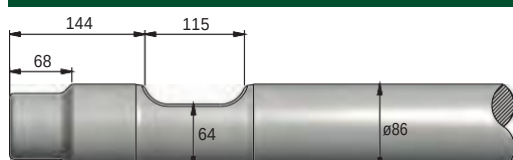
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	57	650	10072901	12.4
Chisel	57	650	10072902	12.4

NPK E-203 / GH2**FIGURE 257**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	66	700	10075501	18
Chisel	66	700	10075502	18

NPK E-204 / GH3**FIGURE 258**

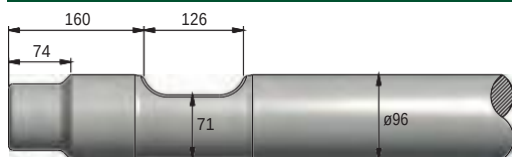
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	76	750	10073001	25.5
Chisel	76	750	10073002	25.5

NPK E-205 / GH4**FIGURE 259**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	86	850	10073101	37.0
Chisel	86	850	10073102	37.0

FIGURE 260

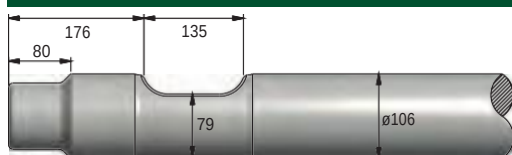
NPK E-206



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	96	940	10175601	51.0
Chisel	96	940	10175602	51.0

FIGURE 261

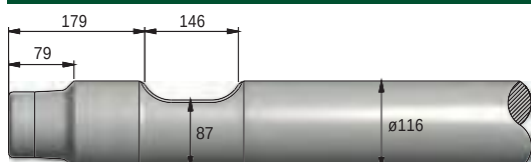
NPK E-207 / GH6



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	106	950	10073201	62.8
Chisel	106	950	10073202	62.8

FIGURE 262

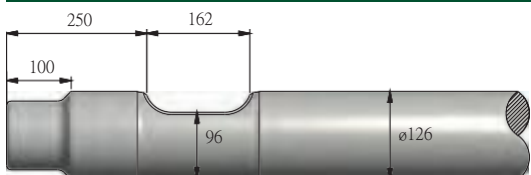
NPK E-208A



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	116	1050	10073301	83.2
Chisel	116	1050	10073302	83.2

FIGURE 264

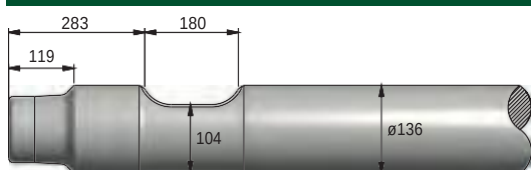
NPK GH9 / H-10XB / H-10XE



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	126	1100	10075401	102.8
Chisel	126	1100	10075402	102.8
Blunt	126	1000	10075425	93.5

FIGURE 265

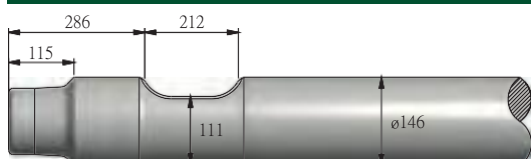
NPK GH10



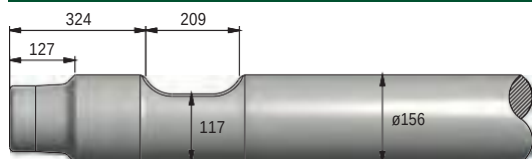
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	136	1200	10074901	130.7
Chisel	136	1200	10074902	130.7
Blunt	136	1100	10074925	119.8

FIGURE 266

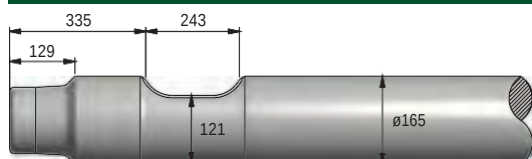
NPK GH12



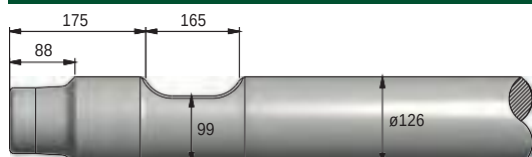
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	146	1300	10075001	160.9
Chisel	146	1300	10075002	160.9
Blunt	146	1200	10075025	148.5

NPK GH15**FIGURE 267**

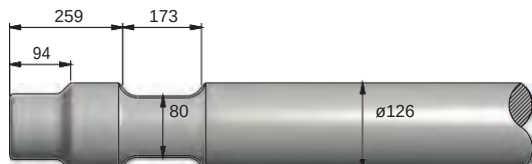
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	156	1400	10075101	198.0
Chisel	156	1400	10075102	198.0
Blunt	156	1300	10075125	183.9

NPK GH18**FIGURE 268**

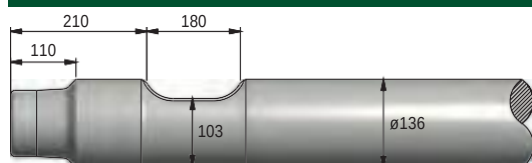
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1630	10075201	261.3
Chisel	165	1630	10075202	261.3
Blunt	165	1450	10075225	232.4

NPK E-210A**FIGURE 269**

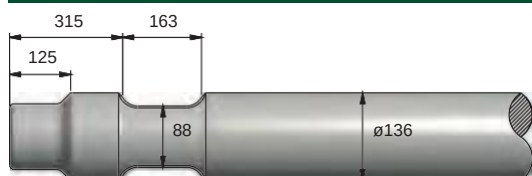
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	126	1100	10073501	102.8
Chisel	126	1100	10073502	102.8
Blunt	126	1100	10073525	102.8

NPK E-12X / E-212**FIGURE 270**

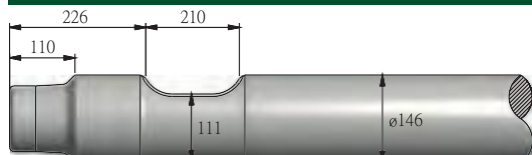
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	126	1200		112.2
Chisel	126	1200		112.2
Blunt	126	1200		112.2

NPK E-213**FIGURE 271**

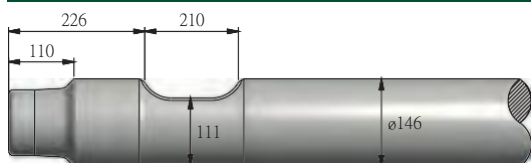
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	136	1300	10073801	141.6
Chisel	136	1300	10073802	141.6
Blunt	136	1300	10073825	141.6

NPK E-15X / E-215**FIGURE 272**

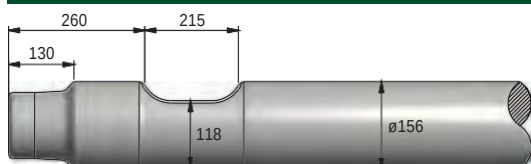
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	136	1250		136.1
Chisel	136	1250		136.1
Blunt	136	1250		136.1

NPK E-216**FIGURE 273**

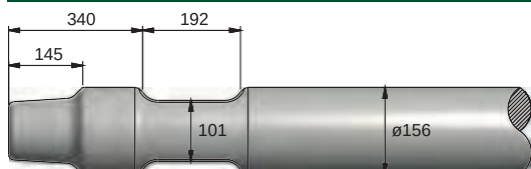
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	146	1300	10074001	163.1
Chisel	146	1300	10074002	163.1
Blunt	146	1300	10074025	163.1

FIGURE 274 NPK E-18X / E-218

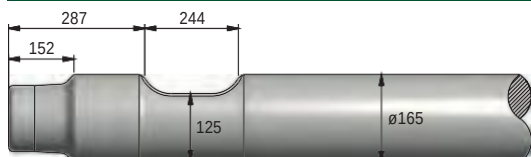
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	146	1300	10074101	163.1
Chisel	146	1300	10074102	163.1
Blunt	146	1300	10074125	163.1

FIGURE 275 NPK E-220

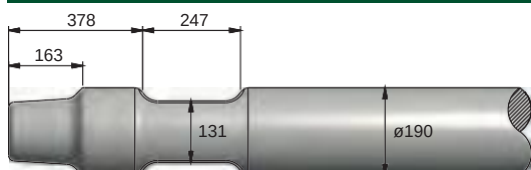
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	156	1350	10074201	193.4
Chisel	156	1350	10074202	193.4
Blunt	156	1350	10074225	193.4

FIGURE 276 NPK E-24X / E-224

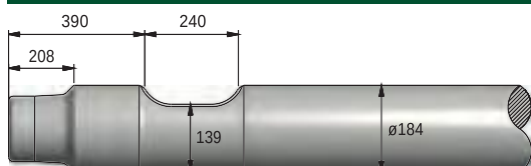
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	156	1350		193.4
Chisel	156	1350		193.4
Blunt	156	1350		193.4

FIGURE 277 NPK E-225

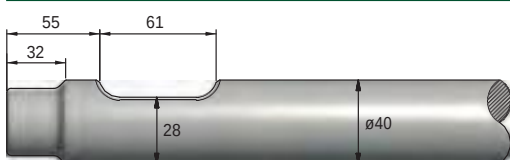
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1525		244.4
Chisel	165	1525		244.4
Blunt	165	1350		216.4

FIGURE 278 NPK E-235

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	190	1650		350.7
Chisel	190	1650		350.7
Blunt	190	1650		350.7

FIGURE 279 NPK E-240A

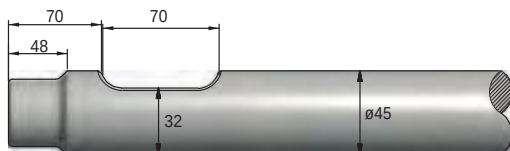
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	184	1800		358.8
Chisel	184	1800		358.8
Blunt	184	1600		318.9

FIGURE 280 NPK H-06X

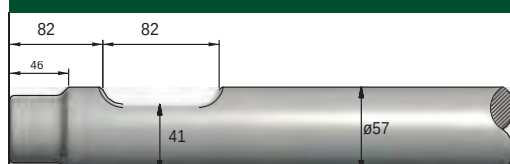
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	470	10071001	4.4
Chisel	40	470	10071002	4.4

NPK H-08X**FIGURE 281**

ARROWHEAD 2T



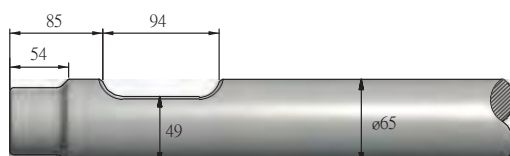
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	480	10075301	5.7
Chisel	45	480	10075302	5.7

NPK H-1XA**FIGURE 282**

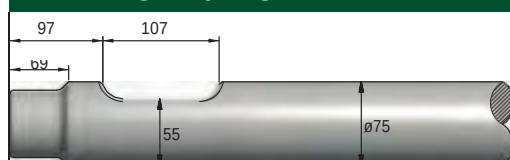
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	57	580	10070401	11.1
Chisel	57	580	10070402	11.1

NPK H-2XA / H-2XE**FIGURE 283**

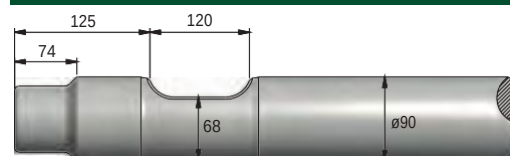
ARROWHEAD 4T



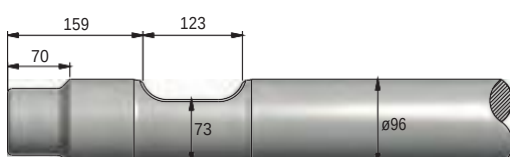
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	65	620	10070601	15.4
Chisel	65	620	10070602	15.4

NPK H-3XA / H-3XE**FIGURE 284**

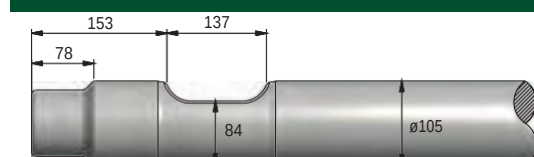
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	75	710	10070701	23.5
Chisel	75	710	10070702	23.5

NPK H-4X**FIGURE 285**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	780	10070801	37.2
Chisel	90	780	10070802	37.2

NPK H-6XA**FIGURE 286**

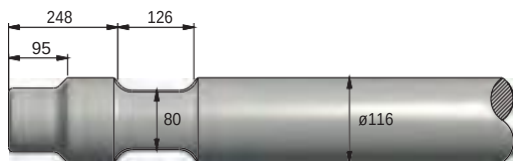
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	96	920		49.9
Chisel	96	920		49.9

NPK H-7X**FIGURE 287**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	930	10071201	60.4
Chisel	105	930	10071201	60.4

FIGURE 288

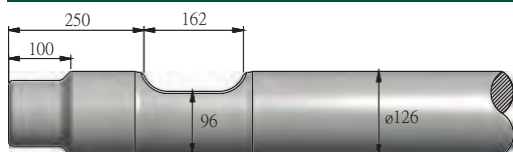
NPK H-8XA



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	116	1015	10071301	79.0
Chisel	116	1015	10071302	79.0

FIGURE 289

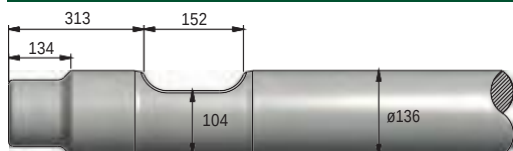
NPK H-10XB / H-10XE



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	126	1100	10071601	102.8
Chisel	126	1100	10071602	102.8
Blunt	126	1000	10071625	93.5

FIGURE 290

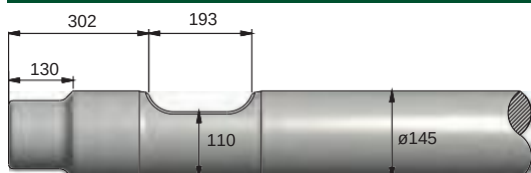
NPK H-12XE



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	136	1200	10071801	128.8
Chisel	136	1200	10071802	128.8
Blunt	136	1100	10071825	118.0

FIGURE 291

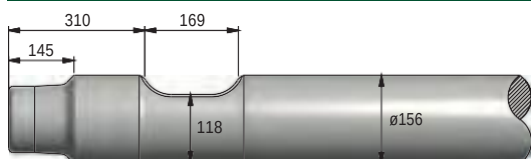
NPK H-16X / E



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	145	1300	10072101	160.9
Chisel	145	1300	10072102	160.9
Blunt	145	1300	10072125	160.9

FIGURE 292

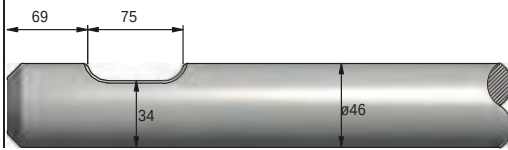
NPK H-20X / E



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	156	1350		193.4
Chisel	156	1350		193.4
Blunt	156	1350		193.4

PROMOVE XP100

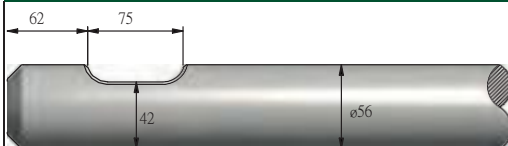
FIGURE 293



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	46	430	10341101	5.4
Chisel	46	430	10341102	5.4

PROMOVE XP150

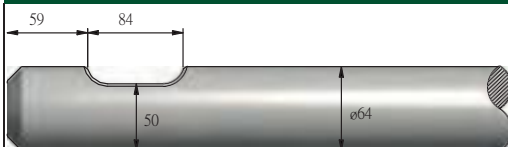
FIGURE 294



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	56	500	10340201	9.2
Chisel	56	500	10340202	9.2

PROMOVE XP250

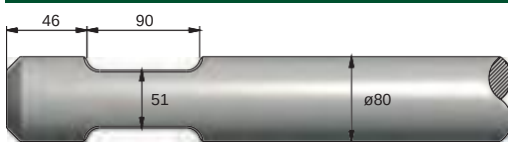
FIGURE 295



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	64	620	10341301	15.0
Chisel	64	620	10341302	15.0

PROMOVE XP300 / 400 / 450

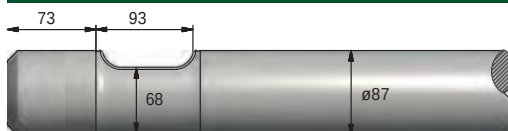
FIGURE 296



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	650	10342301	24.5
Chisel	80	650	10342302	24.5

PROMOVE XP550 / 551

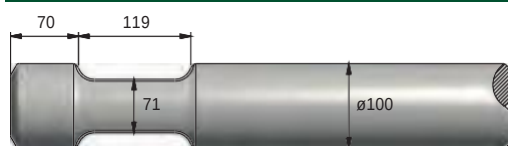
FIGURE 297



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	87	815		36.3
Chisel	87	815		36.3

PROMOVE XP800

FIGURE 298



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	920	10342601	54.2
Chisel	100	920	10342602	54.2

PROMOVE XP1200

FIGURE 299



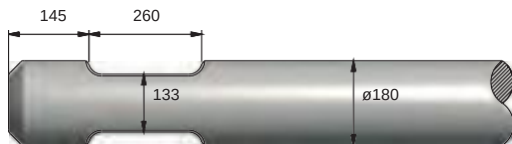
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1000		84.8
Chisel	120	1000		84.8
Blunt	120	900		76.3

FIGURE 300**PROMOVE XP1500**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1100	10341701	109.4
Chisel	130	1100	10341702	109.4
Blunt	130	1000	10341725	99.5

FIGURE 301**PROMOVE XP2400**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1300	10042601	172.2
Chisel	150	1300	10042602	172.2
Blunt	150	1200	10042625	159.0

FIGURE 302**PROMOVE XP4500**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	180	1575	10342101	300.4
Chisel	180	1575	10342102	300.4
Blunt	180	1400	10342125	267.1

RAMMER S18 / PICCOLO**FIGURE 303**

CATERPILLAR CAT H45 / H45FT | KUBOTA KXB 300 / 350 | VOLVO HB80



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	400	10031301	3.8
Chisel	40	400	10031302	3.8

RAMMER S21**FIGURE 304**

BOBCAT1750 | CATERPILLAR CAT H50 / H50FT | JCB HM160 | O&K H32 | VOLVO HB130



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	480	10031501	5.7
Chisel	45	560	10031502	6.7

RAMMER S22**FIGURE 305**

CATERPILLAR CAT H63 / H63FT | O&K H45 | VOLVO HB200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	530	10031601	7.8
Chisel	50	600	10031602	8.8

RAMMER S23**FIGURE 306**

JCB HM260 | O&K H65 | ROBI BH30 | VOLVO HB300



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	63	680	10031701	15.9
Chisel	63	780	10031702	18.2

RAMMER S24**FIGURE 307**

CATERPILLAR CAT H70 / H70FT



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	70	730	10031801	21.1
Chisel	70	730	10031802	21.1

RAMMER S25**FIGURE 308**

JCB HM360 | O&K H85 | ROBI BH50 | VOLVO HB440

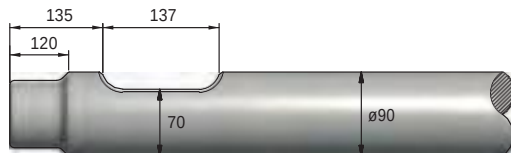


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	70	730	10031901	21.1
Chisel	70	830	10031902	23.9

RAMMER

FIGURE 309 RAMMER S26

CATERPILLAR CAT H90 / H90FT | DAINONG (DNB) DNB D50 | JCB HM460



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	850	10032001	40.5
Chisel	90	850	10032002	40.5

FIGURE 310 RAMMER S27

JCB HM550 | O&K H120 | VOLVO HB600



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	84	840	10032101	34.9
Chisel	84	840	10032102	34.9

FIGURE 311 RAMMER S29

CATERPILLAR CAT H100 / H100FT | JCB HM850 | O&K H150 | ROBI BH80 | VOLVO HB800



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	900	10032201	47.8
Chisel	95	900	10032202	47.8

FIGURE 312 RAMMER S52

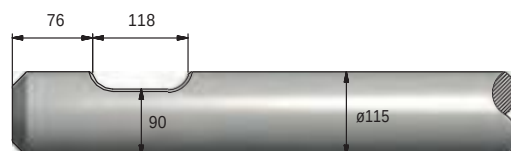
CATERPILLAR CAT 110 / B110



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	110	900	10032301	64.1
Chisel	110	900	10032302	64.1

FIGURE 313 RAMMER S54

CATERPILLAR CAT 115C / 116 | DAINONG (DNB) DNB D60 | JCB HM560



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1050	10032401	81.8
Chisel	115	1050	10032402	81.8

FIGURE 314 RAMMER S55/E66

CATERPILLAR CAT H120S | JCB HM660 | JCB HM1350



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1150	10030401	89.5
Chisel	115	1150	10030402	89.5
Blunt	115	950	10030425	74.0

RAMMER S56**FIGURE 315**

CATERPILLAR CAT C130 | DAINONG (DNB) DNB D70 / 90 | JCB HM760



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1100	10032601	109.4
Chisel	130	1100	10032602	109.4
Blunt	130	1000	10032625	99.5

RAMMER S82**FIGURE 316**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10032701	138.5
Chisel	140	1200	10032702	138.5
Blunt	140	1050	10032725	121.2

RAMMER S83**FIGURE 317**

CATERPILLAR CAT 140 / B140S / H140AS | DAINONG (DNB) DNB D110



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10032801	138.5
Chisel	140	1200	10032802	138.5
Blunt	140	1050	10032825	121.2

RAMMER S84**FIGURE 318**

CATERPILLAR CAT 160 / B160 / H160AS | JCB HM960



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1350	10032901	203.5
Chisel	160	1350	10032902	203.5
Blunt	160	1200	10032925	180.9

RAMMER S86**FIGURE 319**

CATERPILLAR CAT 170 / B170 / H170 | DAINONG (DNB) DNB D160



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	169	1450	10033001	246.7
Chisel	169	1450	10033002	246.7
Blunt	169	1300	10033025	221.2

RAMMER E63**FIGURE 320**

JCB HM1150 | VOLVO HB1100

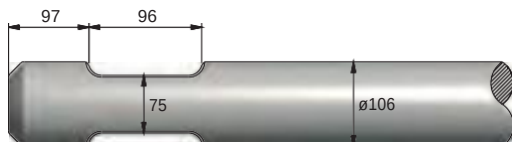


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1000	10030101	77.9
Chisel	115	1000	10030102	77.9

RAMMER

FIGURE 321 RAMMER E64

CATERPILLAR CAT H115S | JCB HM1050 | O&K H200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	106	1150	10030201	76.1
Chisel	106	1150	10030202	76.1

FIGURE 322 RAMMER E65

JCB HM1450 | VOLVO HB1400



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	125	1050	10030301	96.6
Chisel	125	1050	10030302	96.6
Blunt	125	850	10030325	78.2

FIGURE 323 RAMMER E66 / S55

O&K H260



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1050	10030401	81.8
Chisel	115	1050	10030402	81.8
Blunt	115	950	10030425	74.0

FIGURE 324 RAMMER E68

CATERPILLAR CAT H130S | JCB HM1750 | O&K H310 | VOLVO HB1700



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1200	10030501	119.4
Chisel	130	1200	10030502	119.4
Blunt	130	900	10030525	89.5

FIGURE 325 RAMMER G80

CATERPILLAR CAT H140CS / 140DS | JCB HM2350 | O&K H380 | VOLVO HB2400



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10030601	138.5
Chisel	140	1200	10030602	138.5
Blunt	140	1050	10030625	121.2

FIGURE 326 RAMMER G88



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	142	1200	10030701	142.5
Chisel	142	1200	10030702	142.5
Blunt	142	1050	10030725	124.7

RAMMER G90**FIGURE 327**

CATERPILLAR CAT H160CS / H160DS | JCB HM2950 | O&K H530 | VOLVO HB3200



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	159	1400	10030801	211.0
Chisel	159	1400	10030802	211.0
Blunt	159	1250	10030825	188.4

RAMMER G99**FIGURE 328**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1450		235.2
Chisel	165	1450		235.2
Blunt	165	1250		202.8

RAMMER G100**FIGURE 329**

CATERPILLAR CAT H180S | JCB HM3850



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	169	1450	10030901	246.7
Chisel	169	1450	10030902	246.7
Blunt	169	1300	10030925	221.2

RAMMER G110**FIGURE 330**

CATERPILLAR H180DS | JCB HM3950 | O&K H700 | VOLVO HB3800



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	175	1450	10031001	261.4
Chisel	175	1450	10031002	261.4
Blunt	175	1300	10031025	234.4

RAMMER G120**FIGURE 331**

CATERPILLAR CAT 195 / B195 / H195



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	195	1500	10031101	335.8
Chisel	195	1500	10031102	335.8
Blunt	195	1350	10031125	302.2

RAMMER G130**FIGURE 332**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	203	1550	10031201	376.1
Chisel	203	1550	10031202	376.1
Blunt	203	1400	10031225	339.7

RAMMER

FIGURE 333 RAMMER M14

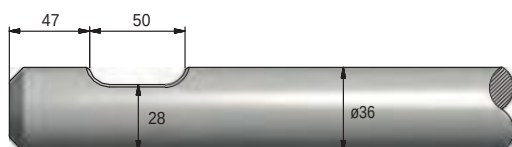

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	125	1100	10034101	101.2
Chisel	125	1100	10034102	101.2

FIGURE 334 RAMMER M18


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10033101	138.5
Chisel	140	1200	10033102	138.5
Blunt	140	1100	10033125	126.9

FIGURE 335 RAMMER BR111

KUBOTA KXB 310 | ROBI MH7



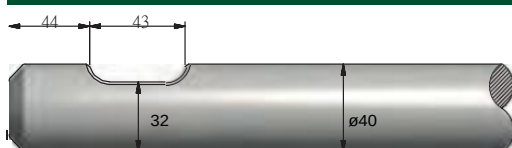
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	36	360	10034901	2.7
Chisel	36	360	10034902	2.7

FIGURE 336 RAMMER BR222

KUBOTA KXB 360 | ROBI MH11



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	42	400	10033701	4.2
Chisel	42	400	10033702	4.2

FIGURE 337 RAMMER BR255


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	380	10035201	3.6
Chisel	40	380	10035202	3.6

FIGURE 338 RAMMER BR321

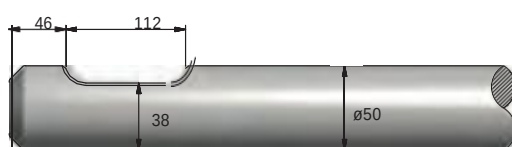
KUBOTA KXB 400 / BTB400



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	560		6.7
Chisel	45	560		6.7

FIGURE 339 RAMMER BR333

KUBOTA KXB 460 | ROBI MH15



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	500	10035401	7.4
Chisel	50	500	10035402	7.4

RAMMER BR422**FIGURE 340**

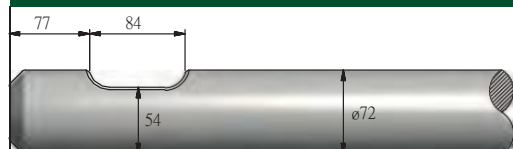
KUBOTA KXB 450



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	600		8.8
Chisel	50	600		8.8

RAMMER BR455**FIGURE 341**

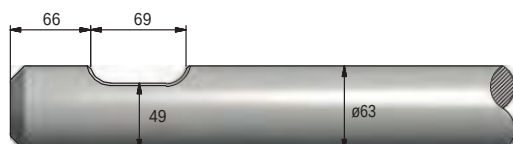
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	56	520	10034701	9.6
Chisel	56	520	10034702	9.6

RAMMER BR555**FIGURE 342**

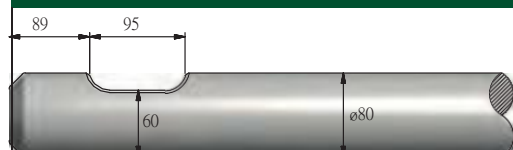
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	72	650	10034201	19.8
Chisel	72	650	10034202	19.8

RAMMER BR623**FIGURE 343**

KUBOTA KXB 500



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	63	680		15.9
Chisel	63	680		15.9

RAMMER BR777**FIGURE 344**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	750	10035101	28.3
Chisel	80	750	10035102	28.3

RAMMER BR825**FIGURE 345**

KUBOTA KXB 600



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	70	830		23.9
Chisel	70	830		23.9

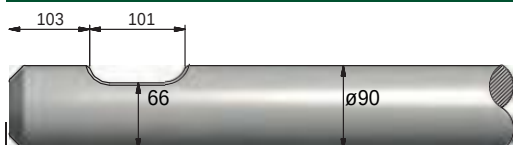
RAMMER BR927**FIGURE 346**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	84	840		34.9
Chisel	84	840		34.9

RAMMER

FIGURE 347

RAMMER BR999



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	90	850	10034701	40.5
Chisel	90	850	10034702	40.5

FIGURE 348

RAMMER BR1129



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	900		47.8
Chisel	95	900		47.8

FIGURE 349

RAMMER BR1533



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	1000	10034001	64.9
Chisel	105	1000	10034001	64.9

FIGURE 350

RAMMER BR2063



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1000		77.9
Chisel	115	1000		77.9

FIGURE 351

RAMMER BR2064



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	106	1150		76.1
Chisel	106	1150		76.1

FIGURE 352

RAMMER BR2155



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	118	1050	10034801	86.1
Chisel	118	1050	10034802	86.1

FIGURE 353

RAMMER BR2214



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	125	1050	10034101	96.6
Chisel	125	1050	10034102	96.6

RAMMER BR2265**FIGURE 354**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	125	1050		96.6
Chisel	125	1050		96.6
Blunt	125	850		78.2

RAMMER BR2266**FIGURE 355**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1150		89.5
Chisel	115	1150		89.5
Blunt	115	950		74.0

RAMMER BR2568**FIGURE 356**

ROBI EH170



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1200		119.4
Chisel	130	1200		119.4
Blunt	130	900		89.5

RAMMER BR2577**FIGURE 357**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1100	10033301	118.0
Chisel	135	1100	10033302	118.0
Blunt	135	1100	10033325	118.0

RAMMER BR2518**FIGURE 358**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200		138.5
Chisel	140	1200		138.5
Blunt	140	1100		126.9

RAMMER BR3088 / 3288**FIGURE 359**

ROBI EH240



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	142	1200	10030701	142.5
Chisel	142	1200	10030702	142.5
Blunt	142	1050	10030725	124.7

RAMMER

FIGURE 360

RAMMER BR3890



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	159	1400		211.0
Chisel	159	1400		211.0
Blunt	159	1250		188.4

FIGURE 361

RAMMER BR4099



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1450	10034601	235.2
Chisel	165	1450	10034602	235.2
Blunt	165	1250	10034625	202.8

FIGURE 362

RAMMER BR4510

CATERPILLAR H180S / JCB HM3850



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	169	1450		246.7
Chisel	169	1450		246.7
Blunt	169	1300		221.2

FIGURE 363

RAMMER BR4511



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	175	1450		261.4
Chisel	175	1450		261.4
Blunt	175	1300		234.4

FIGURE 364

RAMMER BR5011



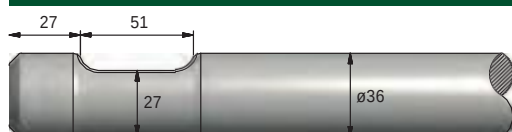
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	190	1550		329.4
Chisel	190	1550		329.4
Blunt	190	1400		297.6

FIGURE 365

RAMMER BR7013



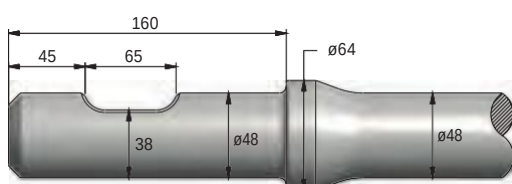
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	203	1700		412.5
Chisel	203	1700		412.5
Blunt	203	1550		376.1

ROTAIR OL50**FIGURE 366**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	36	400	10111401	3.1
Chisel	36	400	10111402	3.1

ROTAIR OL90 (WITH COLLAR)**FIGURE 367**

OMAL 80S | PEL-JOB MH90



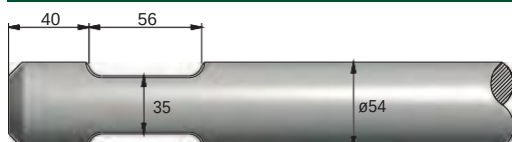
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	48	480	10110101	6.5
Chisel	48	480	10110102	6.5

ROTAIR OLS 90/95**FIGURE 368**

IDROMECCANICA IMI 88 | PEL-JOB MH95



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	48	480	10110201	6.5
Chisel	48	480	10110202	6.5

ROTAIR OL130/160**FIGURE 369**

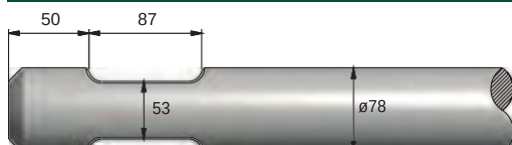
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	54	500	10110301	8.6
Chisel	54	500	10110302	8.6

ROTAIR OL180/260**FIGURE 370**

PEL-JOB MH180



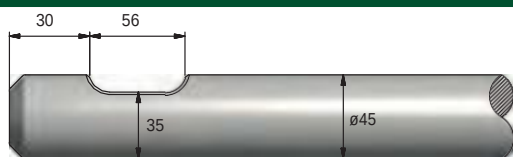
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	550	10110501	15.0
Chisel	68	550	10110502	15.0

ROTAIR OL250/330**FIGURE 371**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	78	600	10110901	20.9
Chisel	78	600	10110902	20.9

FIGURE 372

SOCOMEK DMS 50

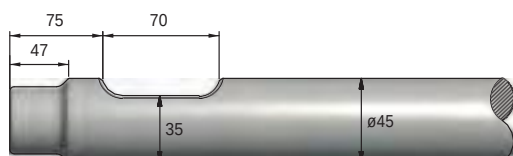


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	350	10090101	4.2
Chisel	45	350	10090102	4.2

FIGURE 373

SOCOMEK DMS 95

MDO 55 | DMS 95-2

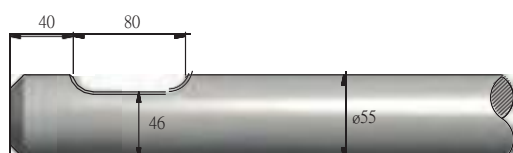


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	480	10090401	5.7
Chisel	45	480	10090402	5.7

FIGURE 374

SOCOMEK DMS 160

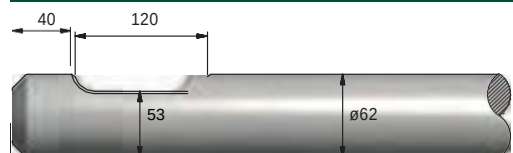
MDO 80



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	55	570	10090701	10.2
Chisel	55	570	10090702	10.2

FIGURE 375

SOCOMEK DMS 210

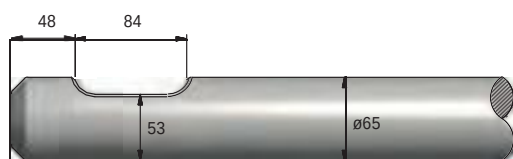


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	62	680	10090901	15.4
Chisel	62	680	10090902	15.4

FIGURE 376

SOCOMEK DMS 220

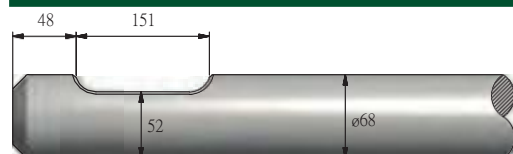
MDO 100



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	65	600	10091001	14.9
Chisel	65	600	10091002	14.9

FIGURE 377

SOCOMEK DMS 270

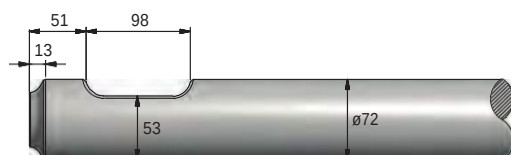


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	660	10091201	18.0
Chisel	68	660	10091202	18.0

SOCOMEK DMS 330

FIGURE 378

MDO 250 / 260



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	72	700	10091501	21.4
Chisel	72	700	10091502	21.4

SOCOMEK MDO300

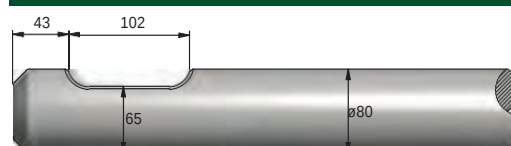
FIGURE 379



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	73	700	10091301	22.0
Chisel	73	700	10091302	22.0

SOCOMEK DMS 410

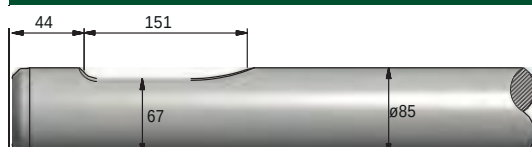
FIGURE 380



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	720	10093901	27.1
Chisel	80	720	10093902	27.1

SOCOMEK DMS 430 / MDO 450

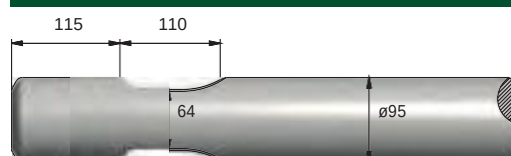
FIGURE 381



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	85	780	10091801	33.2
Chisel	85	780	10091802	33.2

SOCOMEK MDO 500

FIGURE 382

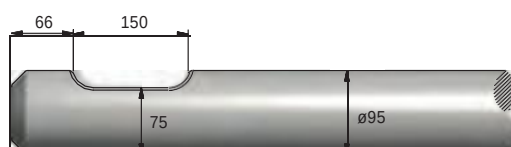


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	850	10091901	45.2
Chisel	95	850	10091902	45.2

SOCOMEK DMS 740

FIGURE 383

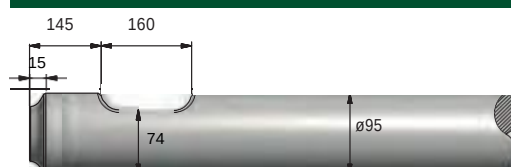
SOCOMEK DMS 680 / 850 / 910



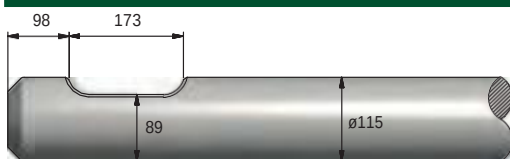
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	900	10094401	47.8
Chisel	95	900	10094402	47.8

SOCOMEK MDO 550

FIGURE 384



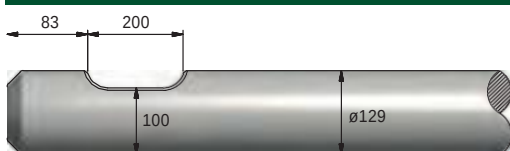
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	970	10092001	51.5
Chisel	95	970	10092001	51.5

FIGURE 385 **SOCOMEK MDO 750**


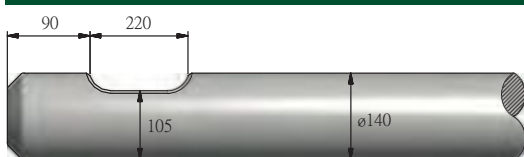
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1050	10092401	81.8
Chisel	115	1050	10092402	81.8

FIGURE 386 **SOCOMEK MDO 900V**

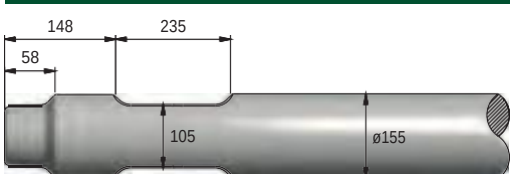

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	117	1000	10092601	82.0
Chisel	117	1000	10092602	82.0

FIGURE 387 **SOCOMEK MDO 1450**


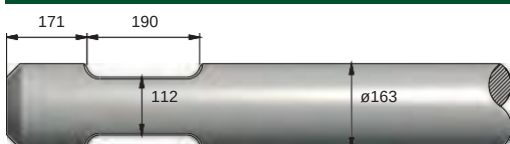
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	129	1150	10093001	112.7
Chisel	129	1150	10093002	112.7
Blunt	129	1050	10093025	102.9

FIGURE 388 **SOCOMEK MDO 1950**


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1250	10093301	144.2
Chisel	140	1250	10093302	144.2
Blunt	140	1150	10093325	132.7

FIGURE 389 **SOCOMEK MDO 2050**


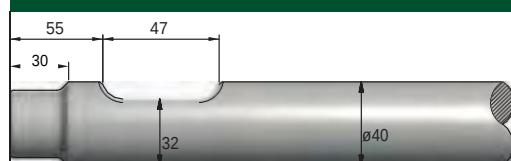
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	155	1330	10093401	188.1
Chisel	155	1330	10093402	188.1
Blunt	155	1200	10093425	169.7

FIGURE 390 **SOCOMEK MDO 3000 / 3200**


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	163	1400	10093601	219.0
Chisel	163	1400	10093602	219.0
Blunt	163	1250	10093625	195.5

FIGURE 391 **SOCOMEK MDO 4000**

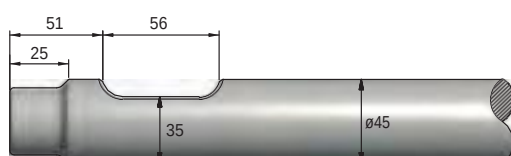

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	178	1480		276.1
Chisel	178	1480		276.1
Blunt	178	1300		242.5

SOOSAN SB10**FIGURE 392**

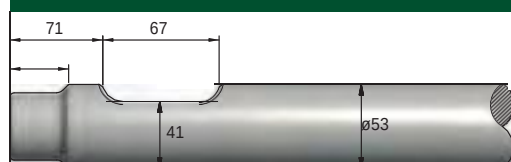
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	450	10080101	4.2
Chisel	40	450	10080102	4.2

SOOSAN SB20**FIGURE 393**

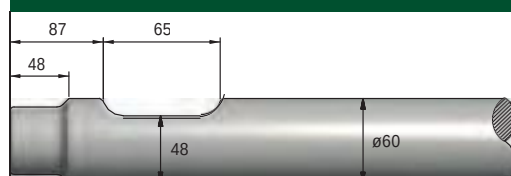
DEHACO DBH15



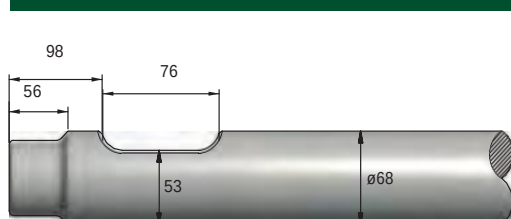
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	500	10080201	6.0
Chisel	45	500	10080202	6.0

SOOSAN SB30**FIGURE 394**

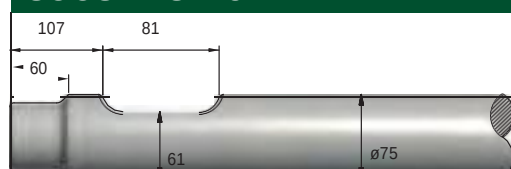
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	53	570	10080301	9.4
chisel	53	570	10080302	9.4

SOOSAN SB35**FIGURE 395**

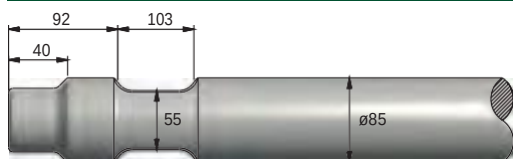
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	60	600	10080401	12.7
Chisel	60	600	10080402	12.7

SB40**FIGURE 396**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	68	710	10080501	19.3
Chisel	68	710	10080502	19.3

SOOSAN SB43**FIGURE 397**

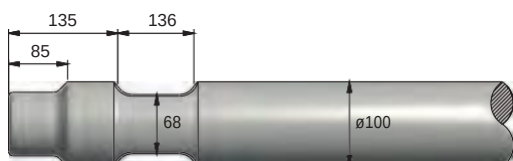
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	75	80	10080601	26.5
Chisel	75	800	10080602	26.5

FIGURE 398**SOOSAN SB45**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	85	850	10080701	36.2
Chisel	85	850	10080702	36.2

FIGURE 399**SOOSAN SB50**

STANLEY MB30EX



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	1000	10080801	58.9
Chisel	100	1000	10080802	58.9

FIGURE 400**SOOSAN SB60**

STANLEY MB40EX



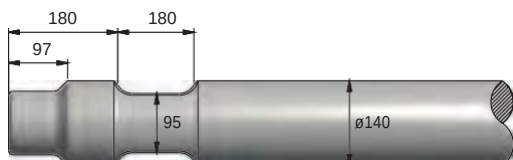
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	125	1050	10080901	96.6
Chisel	125	1050	10080902	96.6

FIGURE 401**SOOSAN SB70 / 71**

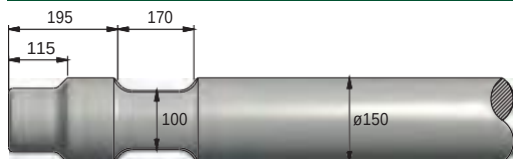
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1100	10081001	118.0
Chisel	135	1100	10081002	118.0

FIGURE 402**SOOSAN SB81**

STANLEY MB50EX



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	140	1200	10081201	138.5
Chisel	140	1200	10081202	138.5
Blunt	140	1100	10081225	126.9

FIGURE 403**SOOSAN SB100**

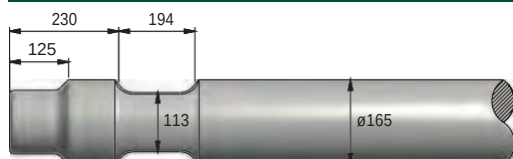
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1300	10081301	172.2
Chisel	150	1300	10081302	172.2
Blunt	150	1200	10081325	159.0

SOOSAN SB121**FIGURE 404**

SOOSAN 120A



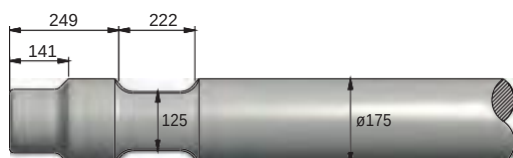
TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	155	1300	10081401	183.9
Chisel	155	1300	10081402	183.9
Blunt	155	1200	10081425	169.7

SOOSAN SB130/140**FIGURE 405**

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	165	1400	10081501	224.4
Chisel	165	1400	10081502	224.4
Blunt	165	1250	10081525	200.4

SOOSAN SB151**FIGURE 406**

DEHACO DBH380



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	175	1600	10081801	288.5
Chisel	175	1600	10081802	288.5
Blunt	175	1450	10081825	261.4

FIGURE 407

TOKU TNB-08M

HUPPI 52 | KOMATSU JTHB08

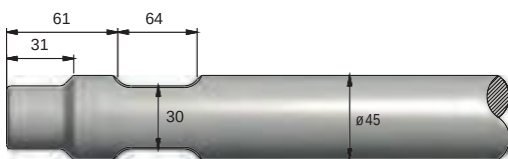


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	40	450	10143101	4.2
Chisel	40	450	10143102	4.2

FIGURE 408

TOKU TNB-08E / 1M

HUPPI 72 | KOMATSU JTHB10

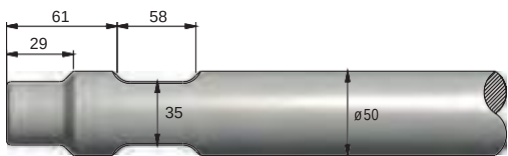


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	470	10142501	5.6
Chisel	45	470	10142502	5.6

FIGURE 409

TOKU TNB-1E / 2M

DRAGO DRH50 / 60 / 70 / 80 | INAN MAKINA (MTB) MT 15 | KOMATSU JTHB20 | MTB MT15 | TELEDYNE TB120 / 125

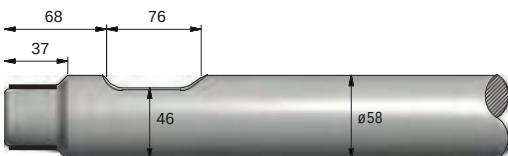


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	50	500	10142601	7.4
Chisel	50	500	10142602	7.4

FIGURE 410

TOKU TNB-2E/3M

DRAGO DRH120 | HUPPI 102 | KOMATSU JTHB30 | TELEDYNE TB180 / 225

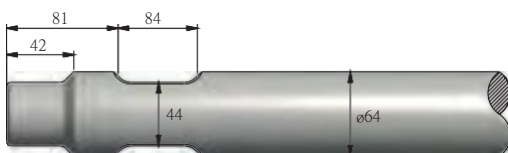


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	58	700	10142701	13.9
Chisel	58	700	10142702	13.9

FIGURE 411

TOKU TNB-3E / 4M

DRAGO DRH150 | KOMATSU JTHB40 | TELEDYNE TB275 / TB285

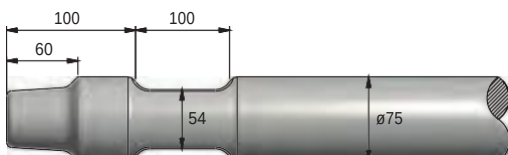


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	64	700	10142801	16.9
Chisel	64	700	10142802	16.9

FIGURE 412

TOKU TNB-4E / 5M

DRAGO DRH180 / 250 | HUPPI 302 | KOMATSU JTHB50 | TELEDYNE TB220 / 325

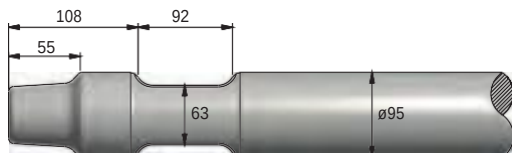


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	75	720	10142901	23.8
Chisel	75	720	10142902	23.8

TOKU TNB-6E / 7M

FIGURE 413

DRAGO DRH280 | HUPPI 402 | KOMATSU JTHB60 / 65 | TELEDYNE TB400 / 425 / 625



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	95	850	10141301	45.2
Chisel	95	850	10141302	45.2

TOKU TNB-7J

FIGURE 414

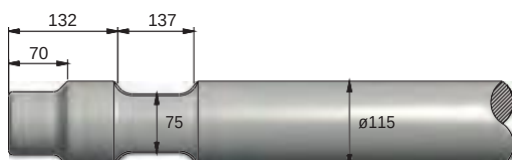


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	105	1050		68.2
Chisel	105	1050		68.2

TOKU TNB-7E / 10E

FIGURE 415

DRAGO DRH650S / 900 | HUPPI 902 | KOMATSU JTHB100 | TELEDYNE TB700 / 725 / 750 / 825

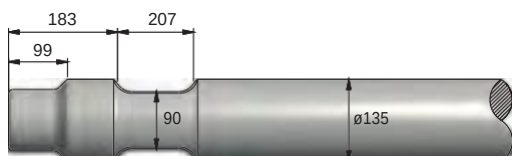


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1000	10141401	77.9
Chisel	115	1000	10141402	77.9

TOKU TNB-14E / 16E

FIGURE 416

DRAGO DRH1150S / 1600S | TELEDYNE TB900 / 925 / 975 / 1000 / 1025



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1150	10141601	123.4
Chisel	135	1150	10141602	123.4
Blunt	135	1050	10141625	112.7

TOKU TNB-22E / 23E

FIGURE 417

DRAGO DRH1900 | TELEDYNE TB1300 / 1425

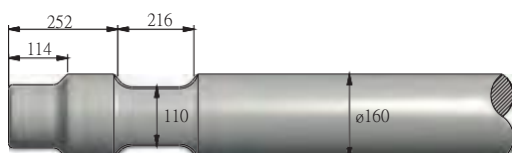


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	146	1300		163.1
Chisel	146	1300		163.1
Blunt	146	1150		144.3

TOKU TNB-30E / 31E

FIGURE 418

TELEDYNE TB1825 / 2075

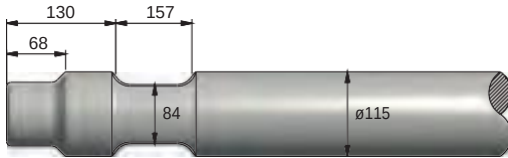


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1500		226.1
Chisel	160	1500		226.1
Blunt	160	1350		203.5

FIGURE 419

TOKU TNB-100

TELEDYNE TB830

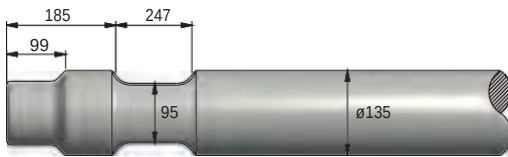


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	115	1050	10142001	81.8
Chisel	115	1050	10142002	81.8

FIGURE 420

TOKU TNB-150

HUPPI 1900 / 1902 | KOMATSU JTHB150 | TELEDYNE TB980

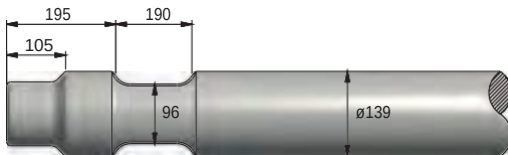


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	135	1180	10142101	126.6
Chisel	135	1180	10142102	126.6
Blunt	135	1100	10142125	118.0

FIGURE 421

TOKU TNB-190

KOMATSU JTHB190

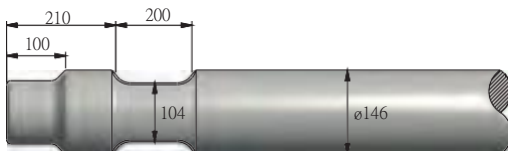


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	139	1200	10142201	136.5
Chisel	139	1200	10142202	136.5
Blunt	139	1100	10142225	125.1

FIGURE 422

TOKU TNB-230

KOMATSU JTHB230 | TELEDYNE TB1680

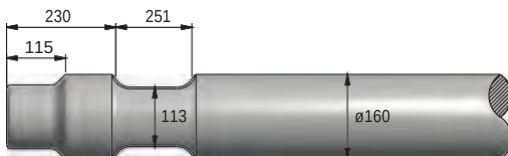


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	146	1220	10142301	153.1
Chisel	146	1220	10142302	153.1
Blunt	146	1100	10142325	138.0

FIGURE 423

TOKU TNB-310

KOMATSU JTHB310 | TELEDYNE TB2080

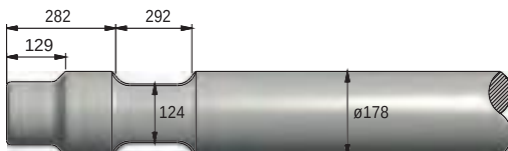


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1350	10143001	203.5
Chisel	160	1350	10143002	203.5
Blunt	160	1200	10143025	180.9

FIGURE 424

TOKU TNB-400

KOMATSU JTHB400 | TELEDYNE TB2580

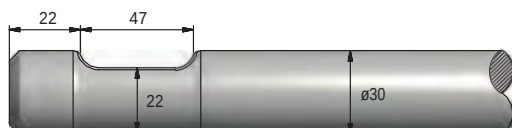


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	178	1550		289.1
Chisel	178	1550		289.1
Blunt	178	1400		261.2

TOYO THBB31

FIGURE 425

DEHACO DHB 35 | KOMATSU JKHB31 | TAKEUCHI TKB-31



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	30	350	10370601	1.9
Chisel	30	350	10370602	1.9

TOYO THBB51

FIGURE 426

DEHACO DHB 55 | KOMATSU JKHB51 | TAKEUCHI TKB-51

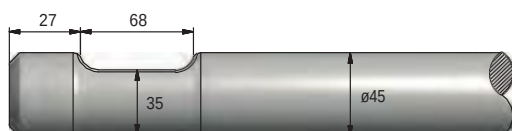


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	42	400	10370101	4.2
Chisel	42	400	10370102	4.2

TOYO THBB71

FIGURE 427

DEHACO DHB 75 | KOMATSU JKHB71 | TAKEUCHI TKB-71

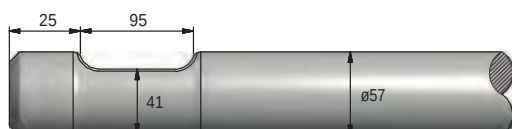


TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	45	450	10370201	5.4
Chisel	45	450	10370202	5.4

TOYO THBB101

FIGURE 428

DEHACO DHB165 | KOMATSU JKHB101 | TAKEUCHI TKB-101



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	57	550	10370301	10.5
Chisel	57	550	10370302	10.5

TOYO THBB301

FIGURE 430

DEHACO DHB 305 | KOMATSU JKHB301 | TAKEUCHI TKB-301



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	70	750	10370401	21.6
Chisel	70	750	10370402	21.6

FIGURE 431 TOYO THBB401

DEHACO DHB 405 | KOMATSU JKHB401 | TAKEUCHI TKB-401



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	80	900	10370501	33.9
Chisel	80	900	10370502	33.9

FIGURE 432 TOYO THBB801

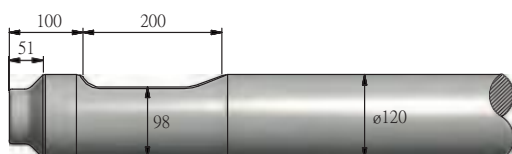
DEHACO DHB 805 | DEHACO DHB 3205 (4105) | KOMATSU JKHB801 | TAKEUCHI TKB-801



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	100	960	10370601	56.5
Chisel	100	960	10370602	56.5

FIGURE 433 TOYO THBB1101

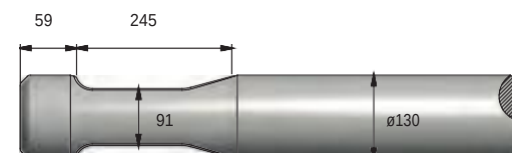
DEHACO DHB 1250 | KOMATSU JKHB1101 | TAKEUCHI TKB-1101



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	120	1050		89.0
Chisel	120	1050		89.0

FIGURE 434 TOYO THBB1401

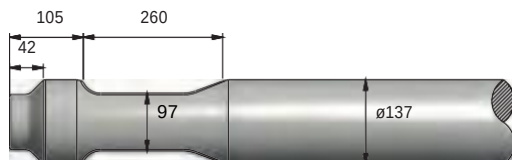
DEHACO DHB 1305 | KOMATSU JKHB1401 | TAKEUCHI TKB-1401



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	130	1050		104.5
Chisel	130	1050		104.5

FIGURE 435 TOYO THBB1600

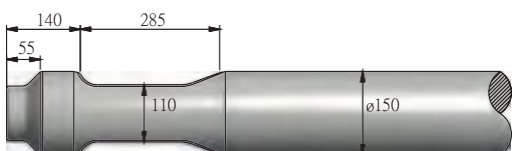
DEHACO DHB 1605 (1405) | KOMATSU JKHB 1500 / 1600 | TAKEUCHI TKB-1600



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	137	1120	10150801	123.8
Chisel	137	1120	10150802	123.8
Blunt	137	1020	10150825	112.7

FIGURE 436 TOYO THBB2000

DEHACO DHB 2305 | KOMATSU JKHB2000 | TAKEUCHI TKB-2000



TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	150	1250		165.6
Chisel	150	1250		165.6
Blunt	150	1150		152.3

TOYO THBB3000

KOMATSU JKHB3000 | TAKEUCHI TKB-3000

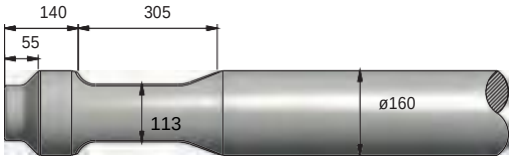


FIGURE 437

TYPE	DIAMETER (mm)	LENGTH (mm)	CAT. NUMBER	WEIGHT (kgs)
Point	160	1400		211.0
Chisel	160	1400		211.0
Blunt	160	1250		188.4

CATALOGUE NUMBER INDEX

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D001	BOBCAT B300 MONTABERT M30 (BRP30)	191	48
D002	IDROMECCANICA IMI 85 ITALDEM K 80 MONTABERT BRH40 OCM8 OMAL 80 OMD 20 PROMOVE PMV90 / P3SH STAR SH40	183	47
D003	BOBCAT B500 MONTABERT M50 (BRP45 / 50)	192	48
D004	BOBCAT B600 / B700 MONTABERT M70 (BRP60 / 70)	193	48
D005	MONTABERT BRH75 / 76 / 90 / 91	184	47
D006	IDROMECCANICA IMI 260 ITALDEM K 270 MONTABERT BRH125 OCM25 OMAL 235 / 270 / 270S / 276 OMD 30 PROMOVE PMV290 / 390 / P12SH STAR SH280	185	47
D007	IDROMECCANICA IMI 600 / 605 ITALDEM K 550 JCB HM480 MONTABERT BRH250 / 270 OCM55 OMAL 500 / 550 OMD 50 PROMOVE PMV690 / P16SH STAR SH560	186	47
D008	EURORAM / GLOBORAM / ROCKMASTER RM115 INDECO MES / UP 1750 / 1800 / HP1800 OMAL 1300	133	36
D008	IDROMECCANICA IMI 1000 / 1010 ITALDEM K 1000 MONTABERT BRH501 / 570 OCM100 OMAL 1000 / 1050 OMD 100 PROMOVE PMV1000 / P23SH STAR SH990	187	47
D009	MONTABERT BRH620	188	47
D010	MONTABERT M900 JCB HM630 MONTABERT BRH625 / 900 PROMOVE P22 STAR SH1200 ITALDEM K 1030	189	48
D011	IDROMECCANICA IMI 1200 ITALDEM K 1300 MONTABERT BRH750 OCM130 OMD 2000 PROMOVE PMV1390 / P27SH STAR SH1400	190	48
D012	JCB HM690 MONTABERT V32(BRV32) MONTABERT V1200 / V32	210	51
D014	MONTABERT V43(BRV43)	211	51
D016	MONTABERT V53(BRV53)	213	52
D018	MONTABERT M125SX	195	49
D019	BOBCAT B1200 / B1400 MONTABERT M140 / 150 (BRP130 / 140 / 150)	196	49
D020	BOBCAT B850 / B950 MONTABERT M85 / 95 / 100 (BRP85 / 95 / 100)	194	48
D021	MONTABERT V45(BRV45)	212	52
D022	MONTABERT V55(BRV55)	214	52
D024	MONTABERT V1600	216	52
D025	MONTABERT V65(BRV65)	215	52
D026	MONTABERT M600	198	49
D027	MONTABERT M700	199	49
D029	MONTABERT M300	197	49
D030	KRUPP (SEE ALSO ATLAS COPCO) HM45	158	42
D031	ALLIED HY-RAM 700 KRUPP (SEE ALSO ATLAS COPCO) HM50 / 55	159	42
D032	ALLIED HY-RAM 710 / 711 KRUPP (SEE ALSO ATLAS COPCO) HM60 / 61 / 62 / 75	161	42
D033	ALLIED HY-RAM 711B KRUPP (SEE ALSO ATLAS COPCO) HM85 / 90 / 90V	162	42
D035	ALLIED HY-RAM 715 KRUPP (SEE ALSO ATLAS COPCO) HM130 / 135 / 140 / 140V	163	42
D036	ALLIED HY-RAM 725 KRUPP (SEE ALSO ATLAS COPCO) HM170 / 185 / 190 / 190V	164	43
D037	ALLIED HY-RAM 77 KRUPP (SEE ALSO ATLAS COPCO) HM200	165	43
D038	ALLIED HY-RAM 730 DEMOTER (VISTIRINI) S430 KRUPP (SEE ALSO ATLAS COPCO) HM300 / 301 / 305	167	43
D040	ALLIED HY-RAM 740 KRUPP (SEE ALSO ATLAS COPCO) HM550 / 551 / 555 / 560CS / V	169	43
D041	ALLIED HY-RAM 88 KRUPP (SEE ALSO ATLAS COPCO) HM600 / 601	171	44
D042	ALLIED HY-RAM 750 KRUPP (SEE ALSO ATLAS COPCO) HM700 / 701 / 702 / 705 / 706	172	44
D043	ALLIED HY-RAM 750B CHICAGO PNEUMATIC (CP) CP1150 JCB HM1260 / HM1270Q KRUPP (SEE ALSO ATLAS COPCO) HM710 / 711 / 712 / 715 / 720CS / V	173	44
D046	ATLAS COPCO MB1600 JCB HM1560	39	19
D046	ALLIED HY-RAM 770B CHICAGO PNEUMATIC (CP) CP1550 / CP1650 / RX22 KRUPP (SEE ALSO ATLAS COPCO) HM950 / 951 / 952 / 957 / 960CS / V	175	44

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D051	ATLAS COPCO MB500	33	18
D051	ALLIED HY-RAM 735 KRUPP (SEE ALSO ATLAS COPCO) HM350 / 350V / MB500	168	43
D052	ATLAS COPCO HB7000	49	21
D052	ALLIED HY-RAM 905 KRUPP (SEE ALSO ATLAS COPCO) HM4000 / HB7000	182	46
D053	ATLAS COPCO MB1700 JCB HM1760	40	19
D053	ALLIED HY-RAM 775CS KRUPP (SEE ALSO ATLAS COPCO) HM1000V / MB1700	176	45
D054	KRUPP (SEE ALSO ATLAS COPCO) HM60V	160	42
D055	ATLAS COPCO HB2200 JCB HM2460	42	20
D055	ALLIED HY-RAM 785 CHICAGO PNEUMATIC (CP) CP2250 / RX29 / RX30 KRUPP (SEE ALSO ATLAS COPCO) HM1500MV / HB2200	177	45
D056	ALLIED HY-RAM 795CS KRUPP (SEE ALSO ATLAS COPCO) HM2000MV	178	45
D057	ATLAS COPCO HB4200 CHICAGO PNEUMATIC (CP) CP4250 / RX53 / RX54 JCB HM4160	46	20
D057	ALLIED HY-RAM 800 / 805 KRUPP (SEE ALSO ATLAS COPCO) HM2500MV / 2600 / HB4200	180	45
D058	ATLAS COPCO MB700 / 800 JCB HM860	34	18
D058	ALLIED HY-RAM 745 CHICAGO PNEUMATIC (CP) CP750 / RX14 KRUPP (SEE ALSO ATLAS COPCO) HM580 / MB700	170	44
D059	ATLAS COPCO MB1200	37	19
D059	ALLIED HY-RAM 755 KRUPP (SEE ALSO ATLAS COPCO) HM780 / MB1200	174	44
D060	ATLAS COPCO HB3000 / HB3100 CHICAGO PNEUMATIC (CP) CP3050 / RX45 / RX46 ALLIED HY-RAM 797 KRUPP (SEE ALSO ATLAS COPCO) HM2100 / 2300 / HB3000	44	20
D061	ALLIED AS380 ATLAS COPCO PB420 / 530 BERCO BB80 CHICAGO PNEUMATIC (CP) CP400 / CP550 / RX8 / RX11 SANDHURST SMC XT400	16	15
D061	KRUPP (SEE ALSO ATLAS COPCO) HM220 / 230	166	43
D062	ALLIED AS342 ATLAS COPCO PB110 BERCO BB42 CHICAGO PNEUMATIC (CP) CP100 / RX2 PROMOVE XP101 SANDHURST SMC XT70	12	15
D063	ALLIED AS352 ATLAS COPCO PB160 BERCO BB52 CHICAGO PNEUMATIC (CP) CP150 / RX3 SANDHURST SMC XT100	13	15
D064	ALLIED AS362 ATLAS COPCO PB210 BERCO BB62 CHICAGO PNEUMATIC (CP) CP200 / RX4 SANDHURST SMC XT200	14	15
D065	ALLIED AS370 ATLAS COPCO PB310 BERCO BB70 CHICAGO PNEUMATIC (CP) CP300 / RX6 SANDHURST SMC XT300	15	15
D066	ATLAS COPCO HB5800	48	21
D066	KRUPP (SEE ALSO ATLAS COPCO) HM3000 / HB5800	181	45
D067	ATLAS COPCO MB1000 BROKK 800 JCB HM3060	36	19
D070	CATERPILLAR CAT H45 / H45FT KUBOTA KXB 300 / 350 RAMMER / SANDVIK S18 / PICCOLO VOLVO HB80	303	67
D071	BOBCAT 1750 CATERPILLAR CAT H50 / H50FT JCB HM160 O&K H32 RAMMER / SANDVIK S21 VOLVO HB130	304	67
D071	KUBOTA KXB 400 / BTB400 RAMMER / SANDVIK BR321	338	72
D073	JCB HM260 O&K H65 RAMMER / SANDVIK S23 ROBI BH30 VOLVO HB300	306	67
D073	KUBOTA KXB 500 RAMMER / SANDVIK BR623	343	73
D074	CATERPILLAR CAT H70 / H70FT RAMMER / SANDVIK S24	307	67
D075	JCB HM360 O&K H85 RAMMER / SANDVIK S25 ROBI BH50 VOLVO HB440	308	67
D075	KUBOTA KXB 600 RAMMER / SANDVIK BR825	345	73
D076	CATERPILLAR CAT H90 / H90FT DAINONG (DNB) DNB D50 JCB HM460 RAMMER / SANDVIK S26	309	68
D077	CATERPILLAR CAT 110 / B110 RAMMER / SANDVIK S52	312	68
D078	CATERPILLAR CAT 115C / 116 DAINONG (DNB) DNB D60 JCB HM560 RAMMER / SANDVIK S54	313	68
D079	CATERPILLAR CAT H120S JCB HM660 JCB HM1350 RAMMER / SANDVIK S55 / E66	314	68

CATALOGUE NUMBER INDEX

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D079	O&K H260 RAMMER / SANDVIK E66 / S55	323	70
D079	RAMMER / SANDVIK BR2266	355	75
D080	CATERPILLAR CAT C130 DAINONG (DNB) DNB D70 / 90 JCB HM760 RAMMER / SANDVIK S56	315	69
D081	RAMMER / SANDVIK S82	316	69
D082	CATERPILLAR CAT 140 / B140S / H140AS DAINONG (DNB) DNB D110 RAMMER / SANDVIK S83	317	69
D084	CATERPILLAR CAT 160 / B160 / H160AS JCB HM960 RAMMER / SANDVIK S84	318	69
D085	CATERPILLAR CAT 170 / B170 / H170 DAINONG (DNB) DNB D160 RAMMER / SANDVIK S86	319	69
D086	CATERPILLAR CAT H130S JCB HM1750 O&K H310 RAMMER / SANDVIK E68 VOLVO HB1700	324	70
D086	ROBI EH170 RAMMER BR2568 / E68	356	75
D087	JCB HM550 O&K H120 RAMMER / SANDVIK S27 VOLVO HB600	310	68
D087	RAMMER / SANDVIK BR927	346	73
D088	CATERPILLAR CAT H115S JCB HM1050 &K H200 RAMMER / SANDVIK E64	321	70
D088	RAMMER / SANDVIK BR2064	351	74
D089	CATERPILLAR CAT H180S JCB HM3850 RAMMER / SANDVIK G100	329	71
D089	RAMMER / SANDVIK BR4510	362	76
D090	CATERPILLAR CAT H100 / H100FT JCB HM850 O&K H150 RAMMER / SANDVIK S29 ROBI BH80 VOLVO HB800	311	68
D090	RAMMER / SANDVIK BR1129	348	74
D091	CATERPILLAR CAT H63 / H63FT O&K H45 RAMMER / SANDVIK S22 VOLVO HB200	305	67
D091	KUBOTA KXB 450 RAMMER / SANDVIK BR422	340	73
D092	CATERPILLAR CAT H140CS / 140DS JCB HM2350 O&K H380 RAMMER / SANDVIK G80 VOLVO HB2400	325	70
D093	CATERPILLAR CAT 195 / B195 / H195 RAMMER / SANDVIK G120	331	71
D094	CATERPILLAR CAT H160CS.H160DS JCB HM2950 O&K H530 RAMMER / SANDVIK G90 VOLVO HB3200	327	71
D094	RAMMER / SANDVIK BR3890	360	76
D095	JCB HM1450 RAMMER / SANDVIK E65 VOLVO HB1400	322	70
D095	RAMMER / SANDVIK BR2265	354	75
D096	RAMMER / SANDVIK BR4511 / G110	363	76
D097	RAMMER / SANDVIK G130	332	71
D097	RAMMER / SANDVIK BR7013	365	76
D099	JCB HM1150 RAMMER / SANDVIK E63 VOLVO HB1100	320	69
D099	RAMMER / SANDVIK BR2063	350	74
D101	NPK H-06X	280	62
D102	ARROWHEAD 2T NPK H-08X	281	63
D103	NPK H-1XA	282	63
D104	ARROWHEAD 4T NPK H-2XA / E	283	63
D105	NPK H-2X / H-3XA / E	284	63
D106	NPK H-4X	285	63
D109	NPK H-6XA	286	63
D110	NPK H-7XA	287	63
D111	NPK H-8XA	288	64
D114	NPK GH9	264	60
D114	NPK H-10XB / E / GH9	289	64
D115	NPK H-12X / E	290	64
D117	NPK H-16X / E	291	64
D118	NPK H-20X / E	292	64
D122	NPK E-12X NPK E-212	270	61
D123	NPK E-15X NPK E-215	272	61
D125	NPK E-18X NPK E-218	274	62
D126	NPK E-213	271	61
D127	NPK E-220	275	62

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D128	NPK E-24X NPK E-224	276	62
D129	NPK E-235	278	62
D132	NPK E-240A	279	62
D134	NPK E106	253	59
D135	NPK E-210A	269	61
D136	NPK E-216	273	61
D137	NPK E-225	277	62
D138	FURUKAWA F1 / FX15 KENT KF1	81	28
D138	FURUKAWA HB1G KENT KHB1G	96	30
D138	ROTAIR OL50	366	77
D139	DAINONG (DNB) DNB K20 FURUKAWA F2 KENT KF2	82	28
D139	FURUKAWA HB2G KENT KHB2G	97	30
D140	FURUKAWA F3 / FX35 KENT KF3	83	28
D142	DAINONG (DNB) DNB K25 DEMOTER (VISTIRINI) DM160RE FURUKAWA HB3G KENT KHB3G	98	30
D144	DAINONG (DNB) DNB K30 FURUKAWA HB5G KENT KHB5G	99	31
D146	FURUKAWA HB8G KENT KHB8G	100	31
D148	DAINONG (DNB) DNB K50 FURUKAWA HB10G KENT KHB10G	101	31
D149	DEHACO DHB1500S / DHB120 FURUKAWA HB15G KENT KHB15G	102	31
D151	DAINONG (DNB) DNB K80 / 100 DEHACO DHB2000S FURUKAWA HB20G KENT KHB20G	103	31
D154	DAINONG (DNB) DNB K120 DEHACO DHB3600S FURUKAWA HB30G KENT KHB30G	104	31
D155	FURUKAWA HB40G KENT KHB40G	105	32
D160	FURUKAWA F4 KENT KF4	84	28
D161	DEMOTER (VISTIRINI) DM240RE FURUKAWA F5 KENT KF5	85	28
D162	FURUKAWA F6 KENT KF6	86	28
D163	FURUKAWA F9 KENT KF9	87	29
D164	FURUKAWA F12 KENT KF12	88	29
D165	FURUKAWA F19 KENT KF19	89	29
D166	FURUKAWA F20 / F22 KENT KF22	90	29
D167	FURUKAWA F27 KENT KF27	91	29
D168	FURUKAWA F30 / F35 KENT KF35	92	29
D169	FURUKAWA F45 KENT KF45	93	30
D171	EURORAM / GLOBORAM / ROCKMASTER RM48 INDECO MES / UP 180 / 181 / 200P / HP200	124	35
D173	EURORAM / GLOBORAM / ROCKMASTER RM56 INDECO MES / UP 300 / 301 / 350P / 351P / HP300 / 350	125	35
D174	EURORAM / GLOBORAM / ROCKMASTER RM65 INDECO HB5 INDECO MES / UP 451 / 452 / 462P / 521 / 550 / HP500	126	35
D175	EURORAM / GLOBORAM / ROCKMASTER RM80 INDECO HB8	128	35
D176	EURORAM / GLOBORAM / ROCKMASTER RM85 / 90 INDECO HB12 INDECO MES / UP 2000 / HP1200	131	36
D177	INDECO MES / UP 601 / 621 / 650P / HP700	129	36
D178	EURORAM / GLOBORAM / ROCKMASTER RM110 INDECO HB19 INDECO MES / UP 1500 / HP1500	132	36
D180	EURORAM / GLOBORAM / ROCKMASTER RM130 INDECO MES / UP 2500 / HP2500	135	37
D181	EURORAM / GLOBORAM / ROCKMASTER RM120 INDECO HB27 INDECO MES / UP 2000 / HP2000	134	36
D182	EURORAM / GLOBORAM / ROCKMASTER RM145 INDECO MES / UP 3500 / HP3500	138	37
D183	EURORAM / GLOBORAM / ROCKMASTER RM160 INDECO MES / UP 5000 / HP5000	140	37
D185	EURORAM / GLOBORAM / ROCKMASTER RM140 INDECO MES / UP 3000 / HP3000	137	37
D186	EURORAM / GLOBORAM / ROCKMASTER RM45 INDECO MES / UP 121 / 150P / HP150	123	35
D187	EURORAM / GLOBORAM / ROCKMASTER RM180 INDECO MES / UP 7000 / HP7000	141	38
D188	EURORAM / GLOBORAM / ROCKMASTER RM195 INDECO MES / UP 8500 / HP9000	142	38

CATALOGUE NUMBER INDEX

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D190	EURORAM / GLOBORAM / ROCKMASTER RM75 INDECO MES / UP 553P / HP600	127	35
D191	EURORAM / GLOBORAM / ROCKMASTER RM150 INDECO MES / UP 4000 / 4001 / HP4000	139	37
D192	EURORAM / GLOBORAM / ROCKMASTER RM88 INDECO UP 900 / HP900	130	36
D194	INDECO HP2750	136	37
D221	ATLAS COPCO SB52 BROKK 50	18	16
D222	ATLAS COPCO SB100 / SBC 115 ATLAS COPCO TEX 100H / 75H KUBOTA KM100	19	16
D224	ATLAS COPCO TEX250H	25	17
D224	ATLAS COPCO TEX 250H SCALER	26	17
D226	ATLAS COPCO SB702 ATLAS COPCO HBC 1100 / 1700 ATLAS COPCO TEX 600H / 700H / 900H	29	17
D227	ATLAS COPCO HBC 2500 ATLAS COPCO TEX 1400H	30	18
D228	ATLAS COPCO HBC 4000 ATLAS COPCO TEX 1800H / 2000H CHICAGO PNEUMATIC (CP) CP2350	31	18
D229	ATLAS COPCO SB200 / SB202 / SBC 410 ATLAS COPCO TEX 180H BROKK 160 / 180 JCB HM265 KUBOTA KM200	22	16
D230	ATLAS COPCO SB150 / SB152 SBC 255 ATLAS COPCO TEX 110H BROKK90 JCB HM165 KUBOTA KM150	21	16
D231	ATLAS COPCO SB450 / SBC 800 / 850 / SB452 ATLAS COPCO TEX 400H / HS BROKK 330 JCB HM495 KUBOTA KM450	27	17
D232	ATLAS COPCO SB300 / SB302 / SBC 610 / SBC650 BROKK 250 / 260 JCB HM385 / 386Q KUBOTA KM300	23	16
D233	ATLAS COPCO SB50 / SBC 60 ATLAS COPCO TEX 30 BROKK 40 KUBOTA KM10	17	15
D234	ATLAS COPCO HBC 6000	32	18
D235	ATLAS COPCO SB300 SCALER	24	17
D237	ATLAS COPCO SB102	20	16
D238	ATLAS COPCO SB552 BROKK 400	28	17
D240	ATLAS COPCO HB2500 CHICAGO PNEUMATIC (CP) RX38	43	20
D242	ATLAS COPCO MB1500	38	19
D243	ATLAS COPCO MB750	35	18
D244	ATLAS COPCO HB3600	45	20
D245	ATLAS COPCO HB4700	47	21
D248	ATLAS COPCO HB2000	41	19
D331	MSB SAGA 20II	226	55
D332	MSB SAGA 40II	228	55
D333	MSB SAGA 50	229	55
D334	MSB SAGA 80 / 81	230	55
D335	MSB SAGA 100	231	55
D336	MSB SAGA 120	232	55
D337	MSB SAGA 180	233	56
D338	MSB SAGA 200II / 220	234	56
D339	MSB SAGA 300	235	56
D358	SOCOMECS MDO 300	379	79
D366	DRAGO DRH50 / 60 / 70 / 80 INAN MAKINA (MTB) MT 15 KOMATSU JTHB20 MTB MT15 TELEDYNE TB120 / 125 TOKU (BTI) TNB 1E / 2M	409	84
D367	DRAGO DRH120 HUPPI 102 KOMATSU JTHB30 TELEDYNE TB180 / 225 TOKU (BTI) TNB 2E / 3M	410	84
D368	DRAGO DRH180 / 250 HUPPI 302 KOMATSU JTHB50 TELEDYNE TB220 / 325 TOKU (BTI) TNB 4E / 5M	412	84
D369	DRAGO DRH280 HUPPI 402 KOMATSU JTHB60 / 65 TELEDYNE TB400 / 425 / 625 TOKU (BTI) TNB 6E / 6.5E / 7M	413	85
D370	DRAGO DRH650S / 900 HUPPI 902 KOMATSU JTHB100 TELEDYNE TB700 / 725 / 750 / 825 TOKU (BTI) TNB 7E / 10E	415	85
D371	DRAGO DRH1150S / 1600S TELEDYNE TB900 / 925 / 975 / 1000 / 1025 TOKU (BTI) TNB 14E / 16E	416	85
D372	DRAGO DRH1900 TELEDYNE TB1300 / 1425 TOKU (BTI) TNB 22E / 23E	417	85

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D373	DRAGO DRH150 KOMATSU JTHB40 TELEDYNE TB275 / TB285 TOKU (BTI) TNB 3E / 4M	411	84
D374	TELEDYNE TB1825 / 2075 TOKU (BTI) TNB 31E / 30E	418	85
D400	ITALDEM GK 85 / 86 STAR SH91	143	39
D401	ITALDEM GK 160 / 161 STAR SH151 / 161	144	39
D403	ITALDEM GK 290 / 291 STAR SH281	146	39
D404	ITALDEM GK 360 / 361	147	39
D405	ITALDEM GK 600 / 610 / 620 STAR SH561 / 562	148	39
D406	ITALDEM GK 950 / 960 STAR SH991	149	40
D407	ITALDEM GK 1350 / 1351 STAR SH1401	151	40
D408	ITALDEM GK 1600	153	40
D409	ITALDEM GK 2400	155	41
D410	ITALDEM GK 3400 / 3500	156	41
D411	ITALDEM GK 211 STAR SH200	145	39
D412	ITALDEM GK 1351S STAR SH1402	152	40
D413	ITALDEM GK 3800	157	41
D414	ITALDEM GK 1800	154	40
D415	ITALDEM GK 1050 STAR SH992	150	40
D419	SOCOMECS DMS 50	372	77
D420	SOCOMECS DMS 95 / 95-2 / MDO 55	373	78
D422	SOCOMECS DMS 220 / MDO 100	376	78
D423	SOCOMECS DMS 310 / 330 / MDO 250 / 260	378	78
D424	SOCOMECS DMS 410	380	79
D426	SOCOMECS MDO 500	382	79
D427	SOCOMECS MDO 550	384	79
D428	SOCOMECS MDO 750	385	79
D429	SOCOMECS DMS 680 / 740 / 850 / 910	383	79
D430	SOCOMECS MDO 900V	386	80
D431	SOCOMECS MDO 1450	387	80
D432	SOCOMECS MDO 1950	388	80
D433	SOCOMECS MDO 2050	389	80
D435	SOCOMECS DMS 270	377	78
D436	SOCOMECS DMS 150 / 160 / 165 MDO 80	374	78
D437	SOCOMECS DMS 210	375	78
D438	SOCOMECS DMS 430 / MDO 450	381	79
D441	SOCOMECS MDO 3200 / MDO 3000	390	80
D442	SOCOMECS MDO 4000	391	80
D444	SOOSAN SB35	395	81
D445	SOOSAN SB10	392	81
D446	SOOSAN SB43	397	81
D447	DEHACO DBH15 SOOSAN SB20	393	81
D448	SOOSAN SB30	394	81
D449	SOOSAN SB130 / 140	405	83
D450	SOOSAN SB40 / SB4	396	81
D451	SOOSAN SB45 / SB5	398	82
D452	SOOSAN SB50	399	82
D453	SOOSAN SB60	400	82
D457	SOOSAN SB81	402	82
D458	SOOSAN SB121 / 120A	404	83
D459	DEHACO DBH380 SOOSAN SB151	406	83
D460	SOOSAN SB100	403	82
D463	SOOSAN SB70 / SB71	401	82
D468	OMAL 80S PEL-JOB MH90 ROTAIR OL90 (WITH COLLAR)	367	77
D469	IDROMECCANICA IMI 88 PEL-JOB MH95 ROTAIR OL90 / 95	368	77
D470	ROTAIR OL130 / 160	369	77
D471	PEL-JOB MH180 ROTAIR OL180 / 260	370	77

CATALOGUE NUMBER INDEX

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D472	ROTAIR OL 250 / 330	371	77
D480	DEHACO DHB 35 KOMATSU JKHB31 TAKEUCHI TKB-31 TOYO THBB 31	425	87
D481	DEHACO DHB 55 KOMATSU JKHB51 TAKEUCHI TKB-51 TOYO THBB 51	426	87
D482	DEHACO DHB 75 KOMATSU JKHB71 TAKEUCHI TKB-71 TOYO THBB 71	427	87
D483	DEHACO DHB165 KOMATSU JKHB101 TAKEUCHI TKB-101 TOYO THBB 101	428	87
D484	DEHACO DHB 305 KOMATSU JKHB301 TAKEUCHI TKB-301 TOYO THBB 301	430	87
D485	DEHACO DHB 405 KOMATSU JKHB401 TAKEUCHI TKB-401 TOYO THBB 401	431	88
D486	DEHACO DHB 805 DEHACO DHB 3205 (4105) KOMATSU JKHB801 TAKEUCHI TKB-801 TOYO THBB 801	432	88
D487	DEHACO DHB 1250 KOMATSU JKHB1101 TAKEUCHI TKB-1101 TOYO THBB 1101	433	88
D488	DEHACO DHB 1305 KOMATSU JKHB1401 TAKEUCHI TKB-1401 TOYO THBB 1401	434	88
D489	DEHACO DHB 1605 (1405) KOMATSU JKHB1600 TAKEUCHI TKB-1600 TOYO THBB 1600	435	88
D490	DEHACO DHB 2305 KOMATSU JKHB2000 TAKEUCHI TKB-2000 TOYO THBB 2000	436	88
D491	KOMATSU JKHB3000 TAKEUCHI TKB-3000 TOYO THBB 3000	437	89
D492	JKHB (KOMATSU) JKHB 201 TAKEUCHI TKB-201 TOYO THBB-201	429	87
D501	ALLIED AR70B INAN MAKINA (MTB) MT 25 MSB MS220 / MS230H MTB MT25 WIMMER W-220	241	57
D502	ALLIED AR75B INAN MAKINA (MTB) MT 35 / 36 MSB MS225 / MS250H MTB MT35 / 36	242	57
D503	ALLIED AR85 INAN MAKINA (MTB) MT 45 MSB MS300H MTB MT45 WIMMER W-330	243	57
D504	ALLIED AR95 MSB MS400H WIMMER W-440	244	57
D505	INAN MAKINA (MTB) MT 120 MSB MS500H / MS520H MTB MT120 WIMMER W-550	246	57
D507	ALLIED AR130B INAN MAKINA (MTB) MT 170 MSB MS600 MTB MT170 WIMMER W-660	248	58
D509	ALLIED AR140 INAN MAKINA (MTB) MT 210 MSB MS700 MTB MT210 WIMMER W-770	249	58
D511	ALLIED AR160C INAN MAKINA (MTB) MT 275 MSB MS800 MS810H MTB MT270 / 275 WIMMER W-880	250	58
D512	INAN MAKINA (MTB) MT 360 MSB MS900 MTB MT360 WIMMER W-990	251	58
D516	ALLIED AR120 INAN MAKINA (MTB) MT 150 MSB MS550H MTB MT150 WIMMER W-600	247	58
D517	MSB MS450H / MS460H	245	57
D518	MSB SAGA 30II	227	55
D523	MSB MS 35AT	237	56
D524	MSB MS 45AT	238	56
D526	MSB MS 75AT	239	56
D527	MSB MS1000H	252	58
D528	MSB SAGA 350	236	56
D529	MSB MS200	240	57
D550	HANWOO / RHINO / MAGNUM RHB 301-V / 302-V	111	33
D551	HANWOO / RHINO / MAGNUM RHB 302 / 303-V	112	33
D552	HANWOO / RHINO / MAGNUM RHB 303 / 303-VP	113	33
D553	HANWOO / RHINO / MAGNUM RHB 305 / 305-V	114	33
D554	HANWOO / RHINO / MAGNUM RHB 308	116	33
D555	HANWOO / RHINO / MAGNUM RHB 313-V / 314	118	34
D556	HANWOO / RHINO / MAGNUM RHB 322-2 / 323 / 325	120	34
D557	HANWOO / RHINO / MAGNUM RHB 328-2 / 330	121	34
D559	HANWOO / RHINO / MAGNUM RHB 340	122	34
D560	HANWOO / RHINO / MAGNUM RHB 320	119	34
D562	HANWOO / RHINO / MAGNUM RHB 306	115	33
D564	HANWOO / RHINO / MAGNUM RHB 308-2 / 309	117	34
D617	ARROWHEAD S10	1	13

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D618	ARROWHEAD 10T / S100	8	14
D620	ARROWHEAD S20	2	13
D621	ARROWHEAD S30 MK1 (WITH COLLAR)	3	13
D622	ARROWHEAD S40	5	13
D623	ARROWHEAD S50	6	13
D624	ARROWHEAD S60	7	13
D626	ARROWHEAD S180	10	14
D627	ARROWHEAD S230	11	14
D628	ARROWHEAD S30 MK3 (WITHOUT COLLAR)	4	13
D629	ARROWHEAD S130	9	14
D630	NPK E-200 / GH06	254	59
D631	NPK E-201 / GH07	255	59
D632	NPK E-202 / GH1	256	59
D633	NPK E-203 / GH2	257	59
D634	NPK E-204 / GH3	258	59
D635	NPK E-205 / GH4	259	59
D636	NPK E-207 / GH6	261	60
D637	NPK E-208	262	60
D638	NPK E-206	260	60
D639	NPK GH10	265	60
D640	NPK GH12	266	60
D641	NPK GH15	267	61
D642	NPK GH18	268	61
D643	NPK GH7	263	60
D668	FURUKAWA FXJ / FX175	107	32
D670	FURUKAWA F70 KENT KF70	94	30
D671	FURUKAWA F100 FURUKAWA HB100G KENT KF100	95	30
D687	FURUKAWA FXJ / FX125	106	32
D689	FURUKAWA FXJ / FX275	108	32
D690	FURUKAWA FXJ / FX375	109	32
D691	FURUKAWA FXJ / FX475	110	32
D700	BOBCAT B580 MONTABERT SC12	203	50
D701	MONTABERT V2500	218	53
D703	BOBCAT B680 MONTABERT SC16	204	50
D704	BOBCAT B880 MONTABERT SC22	205	50
D705	BOBCAT B980 MONTABERT SC28	206	51
D706	BOBCAT B1180 MONTABERT SC36	207	51
D707	BOBCAT B380 MONTABERT SC08	202	50
D708	BOBCAT B280 MONTABERT SC06	201	50
D709	MONTABERT V1800	217	52
D710	MONTABERT SC42	208	51
D711	MONTABERT SC50	209	51
D712	DOOSAN DXB100H MONTABERT XL1000	221	53
D713	DOOSAN DXB130H MONTABERT XL1300	222	53
D714	DOOSAN DXB170H MONTABERT XL1700	223	53
D715	DOOSAN DXB190H MONTABERT XL1900	224	54
D716	DOOSAN DXB260H MONTABERT XL2600	225	54
D717	MONTABERT V3500	219	53
D718	MONTABERT V4500	220	53
D776	PROMOVE XP100	293	65
D777	PROMOVE XP150	294	65
D778	PROMOVE XP250	295	65
D779	PROMOVE XP300 / XP400 / XP450	296	65
D780	PROMOVE XP550 / XP551	297	65
D781	PROMOVE XP800	298	65
D782	PROMOVE XP1200	299	65

CATALOGUE NUMBER INDEX

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D783	PROMOVE XP1500	300	66
D785	PROMOVE XP2400	301	66
D787	PROMOVE XP4500	302	66
D800	RAMMER / SANDVIK M14 / BR 2214	333	72
D800	RAMMER / SANDVIK BR2214	353	74
D801	RAMMER / SANDVIK M18 / BR2518	334	72
D805	RAMMER / SANDVIK G88	326	70
D805	RAMMER / SANDVIK BR3088 / 3288 ROBI EH240	359	75
D826	RAMMER / SANDVIK BR1533	349	74
D827	RAMMER / SANDVIK BR2155	352	74
D828	RAMMER / SANDVIK BR2577	357	75
D829	RAMMER / SANDVIK G99	328	71
D829	RAMMER / SANDVIK BR4099	361	76
D830	RAMMER / SANDVIK BR5011	364	76
D840	KUBOTA KXB 460 RAMMER / SANDVIK BR333 ROBI MH15	339	72
D841	KUBOTA KXB 360 RAMMER / SANDVIK BR222 ROBI MH11	336	72
D842	RAMMER / SANDVIK BR555	342	73
D843	RAMMER / SANDVIK BR777	344	73
D844	RAMMER / SANDVIK BR999	347	74
D850	HUPPI 52 KOMATSU JTHB08 TOKU (BTI) TNB 08M	407	84
D851	HUPPI 72 KOMATSU JTHB10 TOKU (BTI) TNB 08E / 1M	408	84
D852	TELEDYNE TB830 TOKU (BTI) TNB 100	419	86
D853	HUPPI 1900 / 1902 KOMATSU JTHB150 TELEDYNE TB980 TOKU (BTI) TNB 150 / 151	420	86
D854	KOMATSU JTHB190 TOKU (BTI) TNB 190	421	86
D855	KOMATSU JTHB230 TELEDYNE TB1680 TOKU (BTI) TNB 230	422	86
D856	KOMATSU JTHB310 TELEDYNE TB2080 TOKU (BTI) TNB 310	423	86
D858	KOMATSU JTHB400 TELEDYNE TB2580 TOKU (BTI) TNB 400	424	86
D860	TOKU (BTI) TNB 7J	414	85
D870	KUBOTA KXB 310 RAMMER / SANDVIK BR111 ROBI MH7	335	72
D900	CATERPILLAR CAT H35DS	50	22
D900	RAMMER / SANDVIK BR255	337	72
D901	CATERPILLAR CAT H45DS RAMMER / SANDVIK BR355	51	22
D902	CATERPILLAR CAT H55DS	52	22
D902	RAMMER / SANDVIK BR455	341	73
D903	CATERPILLAR CAT H65DS	53	22
D904	CATERPILLAR CAT H75ES	58	23
D905	CATERPILLAR CAT H95ES	59	23
D906	CATERPILLAR CAT H110ES	60	23
D907	CATERPILLAR CAT H115ES	61	23
D908	CATERPILLAR CAT H120ES	62	23
D909	CATERPILLAR CAT H130ES	63	23
D913	CATERPILLAR CAT H160ES	65	24
D914	CATERPILLAR CAT H140ES	64	24
D915	CATERPILLAR CAT H180ES	66	24
D916	CATERPILLAR CAT H35ES	54	22
D917	CATERPILLAR CAT H45ES	55	22
D918	CATERPILLAR CAT H55ES	56	22
D919	CATERPILLAR CAT H65ES	57	23
D923	EVERDIGM EHB03 PRODEM PRB030	69	25
D924	EVERDIGM EHB04 PRODEM PRB040	70	25
D925	EVERDIGM EHB05 PRODEM PRB050	71	25
D926	EVERDIGM EHB10 PRODEM PRB100	73	26
D927	EVERDIGM EHB13 PRODEM PRB130	74	26

CAT. NUM.	HAMMER TYPE	FIG. NUM.	PAGE NUM.
D928	EVERDIGM EHB17 PRODEM PRB170	75	26
D929	EVERDIGM EHB20 PRODEM PRB200	76	26
D930	EVERDIGM EHB25 PRODEM PRB250	77	27
D932	EVERDIGM EHB30 PRODEM PRB300	78	27
D933	EVERDIGM EHB40 PRODEM PRB400	79	27
D934	EVERDIGM EHB50 PRODEM PRB500	80	27
D935	EVERDIGM EHB008 PRODEM PRB008	67	25
D936	EVERDIGM EHB01 / EHB02 PRODEM PRB010	68	25
D937	EVERDIGM EHB06 PRODEM PRB060	72	26

WARRANTY GUIDE

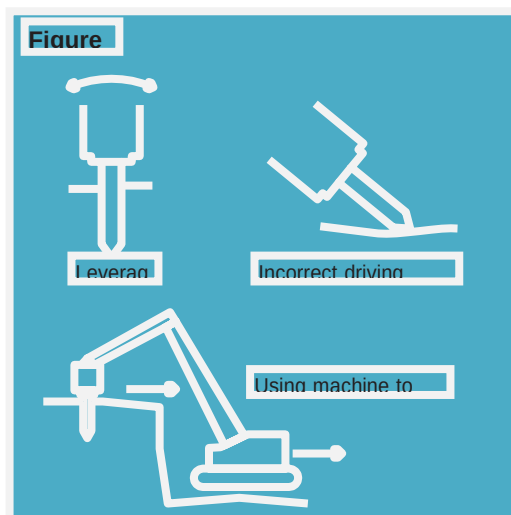
The purpose of this guide is to provide advice on the correct application of MASTERMECH SRL Demolition Tools and assist in analysing and resolving any complaints immediately they occur.

Cause and Effect of Fatigue Failures

The continuous cycle of compressive and tensile stresses in a Demolition Tool, even under correct operating conditions, creates fatigue stress in the tool which can lead to fatigue failure of the tool before it is worn out. Anything which interferes with the normal operational cycle of compressive and tensile stresses will increase the level of fatigue stress being applied to the tool, increasing the risk of early fatigue failure.

1) Leverage/Bending

The main cause of increased fatigue stress in a demolition tool is any form of side pressure during service which creates bending. Utilising the tool as a lever, using the incorrect driving angle or attempting to break ground using the “pull” of the machine are all detrimental to the life of a demolition tool and should be avoided (see Figure 1).

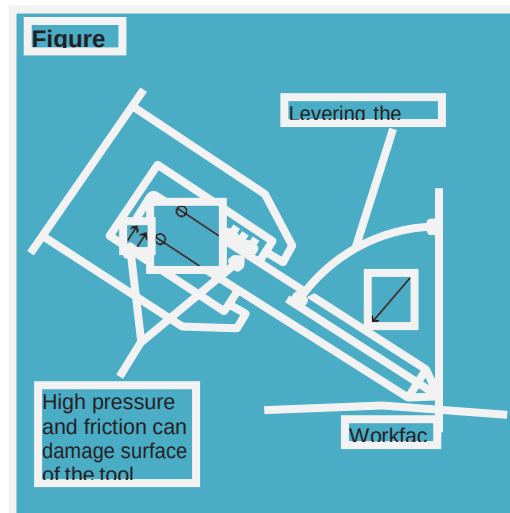


2) “Free Running”/“Blank Firing”

This can arise in any situation where the working end is not in proper contact with the material to be broken. This includes jobs where the tool slides off the work and also when break-through of thin concrete slabs or boulders occurs. It is essential that the tool is applied at a right-angle to the working surface at all times.

3) Lubrication

Regular lubrication is essential. Any form of damage to the surface of a demolition tool renders it more liable to suffer fatigue failure. Care must be taken to prevent accidental gouging or contact welding (“galling” or “pickup”) due to contact between the tool and chuck bushings either through lack of lubrication or excessive leverage (see Figure 2).



4) Cold/Corrosion

Low temperature causes a Demolition Tool to be more susceptible to fatigue failure. Tools should be kept sheltered from the weather when not in use. A rusty Demolition Tool is more likely to suffer fatigue failure, so tools should be kept well greased.

5) Worn Internal Hammer Parts

Worn hammer parts can cause the tool to be held too “loosely”. This can create surface damage on the tool, which can lead to fatigue failure of the tool. Worn parts can also cause uneven striking on the tool, which may lead to fatigue failure of the tool and damage to the piston.

Continued...

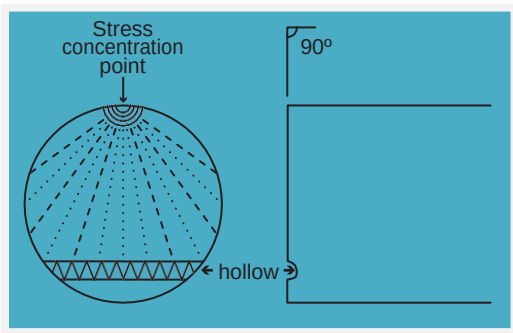
WARRANTY GUIDE

6) Typical Failures (Guide to Warranty Claims)

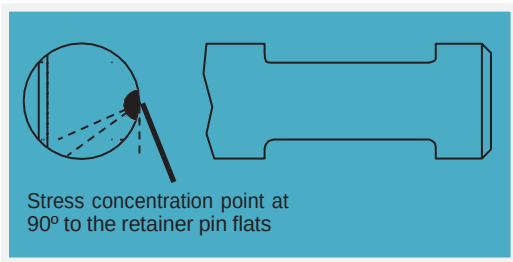
MASTERMECH SRL Demolition Tools are manufactured from first class materials and then heat-treated to produce tools with optimum fatigue and wear resistance. When a tool has apparently failed to give satisfactory service life, a brief visual inspection can often give a quick indication of the cause.



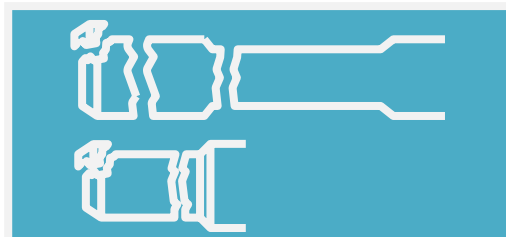
- a) Typical fractures caused by excessive bending/leverage of the demolition tool.
Warranty claims rejected.



- b) Typical of high stress fracture, usually caused by using the tool as an anchor to "pull" the machine.
Warranty claims rejected



- c) Typical fracture caused by levering tool whilst buried in the burden.
Warranty claims rejected.



- d) Typical fractures caused by blank firing and/or excessive chuck bush wear/damage.
Warranty claims rejected.



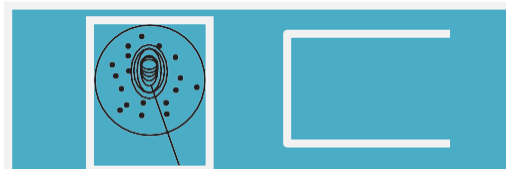
- e) Typical fractures caused by blank firing and/or twisting of the tool due to worn/damaged retainer pin.
Warranty claims rejected.



- f) Typical fracture caused by lack of lubrication and/or chuck bush wear/damage.
Warranty claims rejected.



- g) Mushrooming: this is caused by driving the chisel or point into hard dense material for too long a period of time without penetration. This generates intense heat, softening the point and causing it to "mushroom". This is not a manufacturing fault.
Warranty claims rejected.



- h) Note fatigue lines originate from the internal point, not outer diameter. Very rare failure type due to steel defect. 100% warranty accepted.



Our catalog is constantly being updated. Any items not listed in the above catalog, please feel free to ask for information using the following contact details:

Mobile: 3478835247 Mele Luca

Mail: info.skisrl@gmail.com



Il nostro catalogo è sempre in fase di aggiornamento. Per eventuali articoli non presenti in questo catalogo, si consiglia di chiedere informazioni ai seguenti contatti :

Cel: 3478835247 Mele Luca

Mail: info.skisrl@gmail.com

SKI S.R.L.

- **Via G. Giusti, 7,**
- **70037 Ruvo di Puglia (Bari) Italia**
- **Tel. +39 3478835247**
- **info.skisrl@gmail.com**