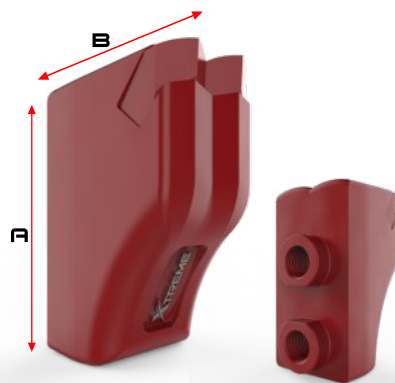
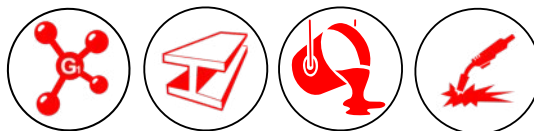
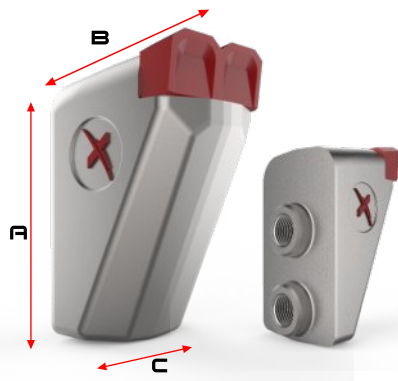
**XFM-FA195**

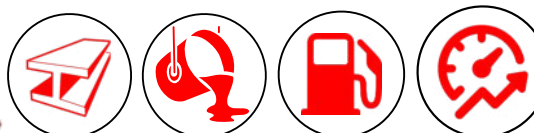
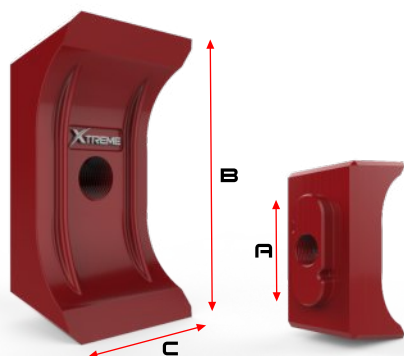
DUAL WOOD CARBIDES

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	BOLTS REQUIRED	WEIGHT	A	B	C
Wood	42CrMo	HRC40-42	(1) M16x1.5x40 SKT (1) M16x1.5x70 SKT	3.46 lbs	3-5/8"	2-1/4"	1-7/8"

aftermarket replacement for:
CATERPILLAR
fit models - HM312, HM315**XFM-FA288**

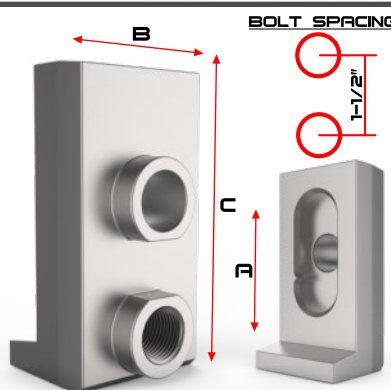
DUAL SHARP EDGE CARBIDE PLANERS

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	BOLTS REQUIRED	WEIGHT	A	B	C
Wood	42CrMo	HRC40-42	(1) 5/8"-18 x 1-3/4" SKT (1) 5/8"-18 x 2-3/4" SKT	3.50 lbs	3-5/8"	2-1/4"	2-1/8"

aftermarket replacement for:
CATERPILLAR
fit models - HM312, HM315**XFM-QU167-PL**

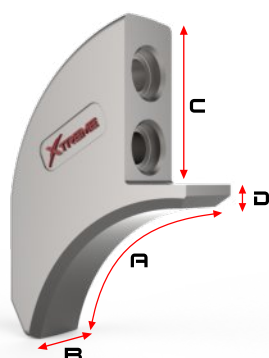
REVERSIBLE PLANNER KNIFE

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	BOLT THREAD SIZE	WEIGHT	A	B	C
Wood	65Mn	HRC58-62	5/8"-18	1.95 lbs	2-1/8"	4-1/8"	2"

aftermarket replacement for:
CATERPILLAR
fit models - HM312, HM315**XFM-FA168-A**

PLANDER KNIFE HOLDER FOR XFM-QU167-PL

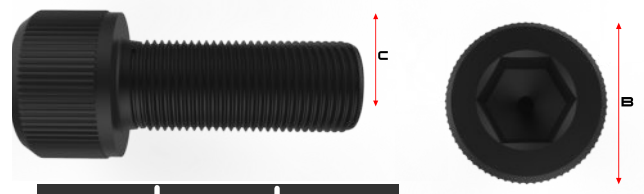
HOLDER FOR	STEEL TYPE	STEEL HARDNESS	BOLTS REQUIRED	WEIGHT	A	B	C
XFM-QU167-PL	42CrMo	HRC40-42	(1) 5/8"-18 x 2-1/2" SKT (1) 5/8"-18 x 2-1/2" SKT	1.52 lbs	2-1/8"	1-13/16"	3-3/4"

aftermarket replacement for:
CATERPILLAR
fit models - HM312, HM315**XFM-FA228-H**

TOOTH HOLDER AT 7-1/2" DIA DRUM

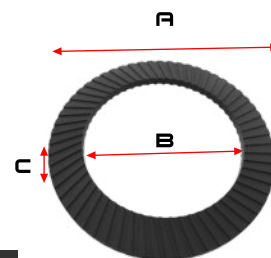
STEEL TYPE	STEEL HARDNESS	BOLTS REQUIRED	WEIGHT	A	B	C	D
42CrMo	HRC40-42	(1) M16x1.5x40 SKT (1) M16x1.5x70 SKT	5.85 lbs	5-3/8"	1-9/16"	3-3/8"	7/16"

aftermarket replacement for:
CATERPILLAR
fit models - HM312, HM315



SOCKET BOLTS

PART NUMBER	THREAD SIZE	MATERIAL TYPE	GRADE	HEAD TYPE	DRIVE SIZE	A	B	C	FIT TEETH
						LENGTH	DIA	DIA	
M16x1.5x40 SKT	M16X1.5	Black Oxide Alloy Steel	12.9	Socket	14mm	40mm	24mm	16mm	XFM-FA195
M16x1.5x70 SKT	M16X1.5	Black Oxide Alloy Steel	12.9	Socket	14mm	70mm	24mm	16mm	XFM-FA195
5/8-18x2-1/2" SKT	5/8-18"	Black Oxide Alloy Steel	8	Socket	1/2"	2-1/2"	15/16"	5/8"	XFM-QU167-PL



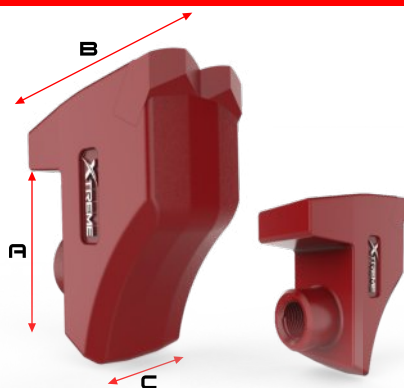
BEVELLED WASHER

PART NUMBER	MATERIAL TYPE	MATERIAL HARDNESS	SERRATED	A	B	C	FIT TEETH
				OD	ID	THICKNESS	
M16W	Black Oxide Alloy Steel	C40	TOP & BOTTOM	23.95mm	17.08mm	1.26mm	XFM-FA195 / XFM-QU167-PL

IMPACT RACHET ADAPTER

PART NUMBER	MALE SOCKET SIZE	DRIVE SIZE	FITS BOLT SIZE
IMPACT-1/2	1/2"	3/4"	5/8-18" SKT
IMPACT-14	14mm	3/4"	M16x1.5 SKT

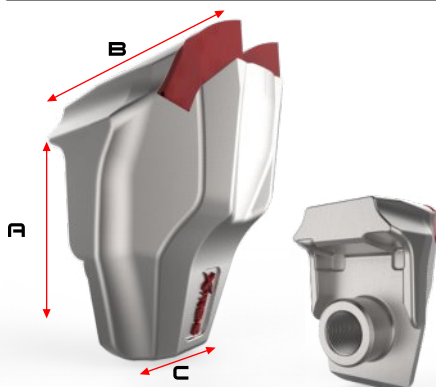


**XFM-FA113**

DUAL WOOD CARBIDE - 1 BOLT

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Wood	42CrMo	HRC40-42	(1) M20x1.5x60 SKT	3.39 lbs	2-3/8"	2-7/8"	1-7/8"

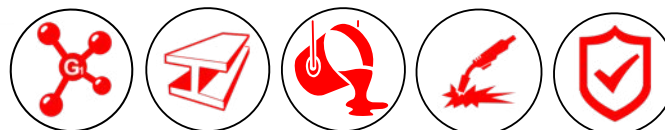
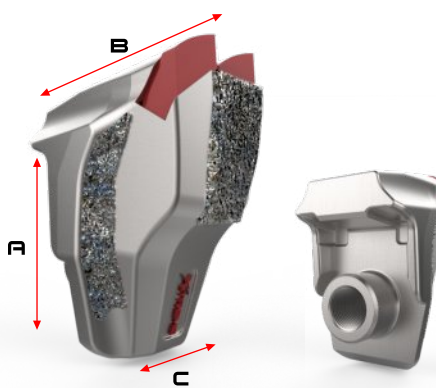
aftermarket replacement for:

CATERPILLARfit models - HM315B, HM415B,
MD-250 & HM825**XFM-FA114**

DUAL WOOD CARBIDE W/SIDE PROTECTION

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Wood	42CrMo	HRC40-42	(1) M20x1.5x60 SKT	3.36 lbs	2-3/8"	2-7/8"	1-7/8"

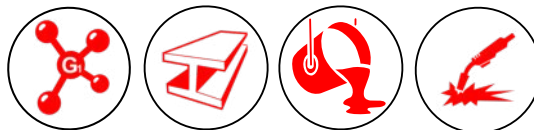
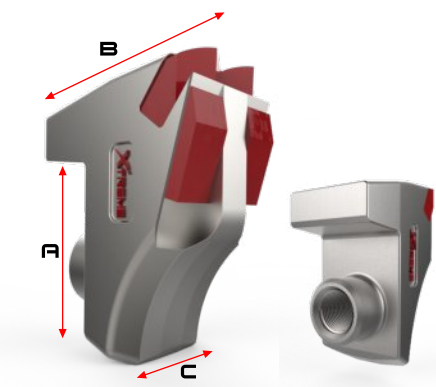
aftermarket replacement for:

CATERPILLARfit models - HM315B, HM415B,
MD-250 & HM825**XFM-FA221-HF**

DUAL WOOD CARBIDE W/HARDFACING W/SIDE PROTECTION

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Wood	42CrMo	HRC40-42	(1) M20x1.5x60 SKT	3.63 lbs	2-3/8"	2-7/8"	1-7/8"

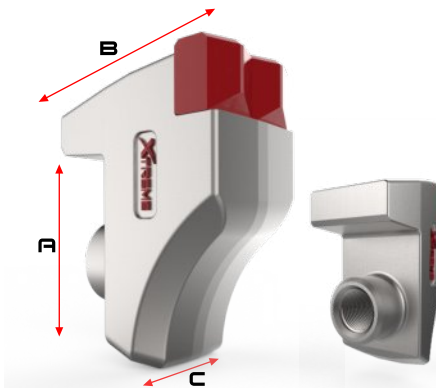
aftermarket replacement for:

CATERPILLARfit models - HM315B,
HM415B, MD-250 &
HM825**XFM-FA115**

DUAL WOOD CARBIDE W/CARBIDE FACE PROTECTION

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Wood	42CrMo	HRC40-42	(1) M20x1.5x60 SKT	3.41 lbs	2-3/8"	2-7/8"	1-7/8"

aftermarket replacement for:

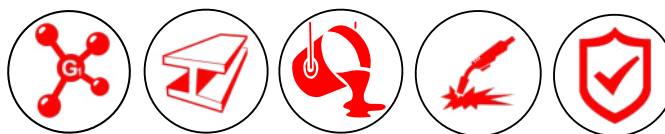
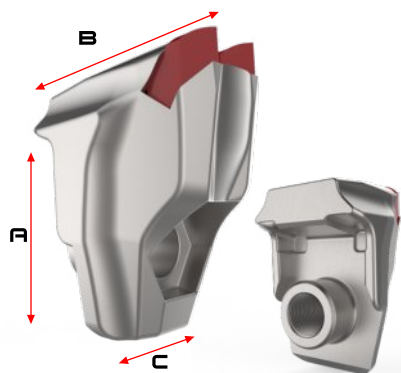
CATERPILLARfit models - HM315B, HM415B,
MD-250 & HM825**XFM-FA116**

ROCK CRUSHER CARBIDE

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Rock	42CrMo	HRC40-42	(1) M20x1.5x60 SKT	3.42 lbs	2-3/8"	2-7/8"	1-7/8"

aftermarket replacement for:

CATERPILLARfit models - HM315B, HM415B,
MD-250 & HM825

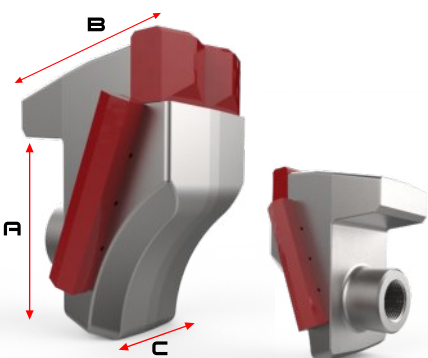


aftermarket replacement for:
CATERPILLAR
fit models - HM315B, HM415B,
MD-250 & HM825

XFM-FA174

DUAL WOOD CARBIDE W/THRU-BOLT & NUT W/SIDE PROTECTION

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Wood	42CrMo	HRC40-42	(1) M20x1.5x80 SKT (1) M20x1.5 NUT	3.31 lbs	2-3/8"	2-7/8"	1-7/8"

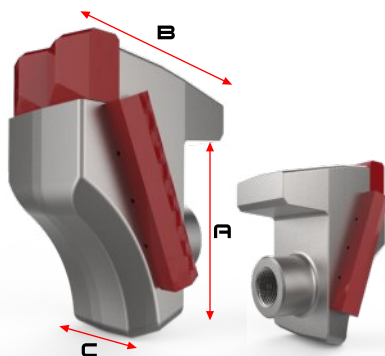


aftermarket replacement for:
CATERPILLAR
fit models - HM315B, HM415B,
MD-250 & HM825

XFM-FA157-SL

LEFT SIDE SCRAPER

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Rock	42CrMo	HRC40-42	M20x1.5x60	3.55 lbs	2-3/8"	2-7/8"	1-7/8"

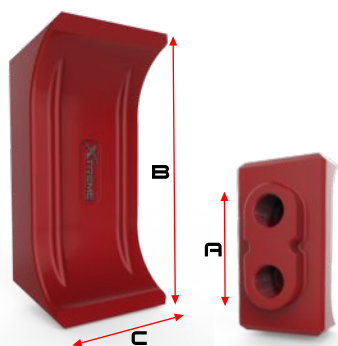


aftermarket replacement for:
CATERPILLAR
fit models - HM315B, HM415B,
MD-250 & HM825

XFM-FA214-SR

RIGHT SIDE SCRAPER

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Rock	42CrMo	HRC40-42	M20x1.5x60	3.55 lbs	2-3/8"	2-7/8"	1-7/8"

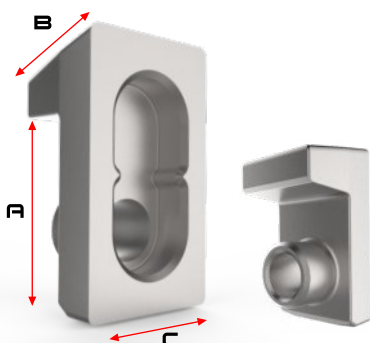


aftermarket replacement for:
CATERPILLAR
fit models - HM315B, HM415B,
MD-250 & HM825

XFM-FA117-PL

REVERSIBLE PLANER KNIFE

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
Wood G1	65Mn	HRC58-62	(1) 3/4-16 x 3" SKT	2.17 lbs	2-1/2"	4-1/8"	2"

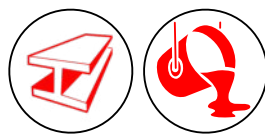
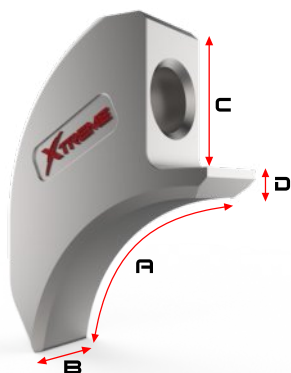


aftermarket replacement for:
CATERPILLAR
fit models - HM315B, HM415B,
MD-250 & HM825

XFM-FA213-A

PLANER KNIFE HOLDER FOR XFM-FA117-PL

HOLDER FOR	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A LENGTH	B WIDTH	C WIDTH
XFM-FA117-PL	42CrMo	HRC40-42	(1) 3/4-16 x 3" SKT	1.34 lbs	2-1/2"	1-5/8"	1-7/8"

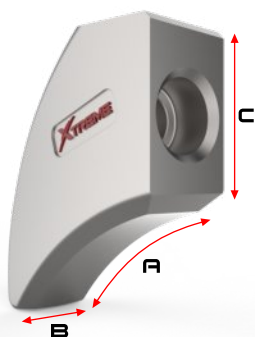


XFM-FAT18-H

TOOTH HOLDER FIT 7-1/2" DIA DRUM

				A	B	C	D
STEEL TYPE	STEEL HARDNESS	BOLT REQUIRED	WEIGHT	LENGTH	WIDTH	LENGTH	LENGTH
42CrMo	HRC40-42	(1) M20x1.5x60 SKT	6.71 lbs	6"	1-3/4"	2-13/16"	1/2"

aftermarket replacement for:
CATERPILLAR
fit models - HM315B

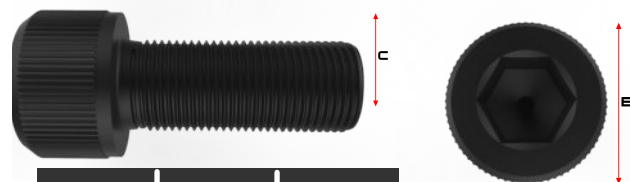


XFM-FAT19-H

TOOTH HOLDER FIT 12" DIA DRUM

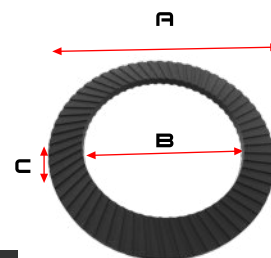
				A	B	C
STEEL TYPE	STEEL HARDNESS	BOLT REQUIRED	WEIGHT	LENGTH	WIDTH	LENGTH
42CrMo	HRC40-42	(1) M20x1.5x60 SKT	5.40 lbs	4-1/2"	1-3/4"	3"

aftermarket replacement for:
CATERPILLAR
fit models - HM415B



SOCKET BOLTS

PART NUMBER	THREAD SIZE	MATERIAL TYPE	GRADE	HEAD TYPE	DRIVE SIZE	LENGTH	DIA	DIA	FIT
M20x1.5x60 SKT	M20X1.5	Black Oxide Alloy Steel	12.9	Socket	17mm	60mm	30mm	30mm	All HM315B, HM415B Carbide Teeth
3/4-16x3" SKT	3/4-16"	Black Oxide Alloy Steel	8	Socket	5/8"	3"	1-1/8"	3/4"	XFM-FA117-PL



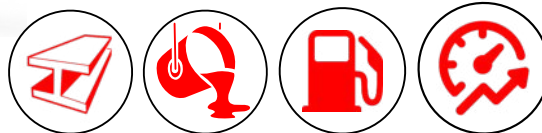
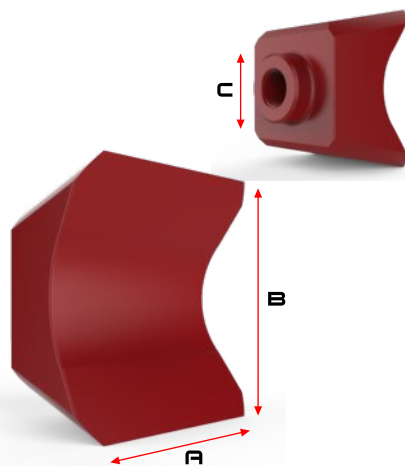
BEVELLED WASHER

PART NUMBER	MATERIAL TYPE	MATERIAL HARDNESS	SERRATED	OD	ID	THICKNESS	FITS BOLTS
M20W	Black Oxide Alloy Steel	C40	TOP & BOTTOM	29.85mm	20.85mm	1.86mm	M20 & 3/4"

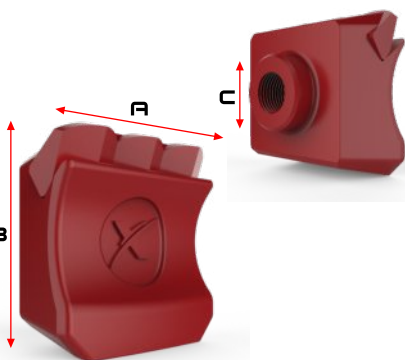
IMPACT RACHET ADAPTER

PART NUMBER	MALE SOCKET SIZE	DRIVE SIZE	FITS BOLT SIZE
IMPACT-5/8	5/8"	3/4"	3/4-16" SKT
IMPACT-17	17mm	3/4"	M20x1.5 SKT

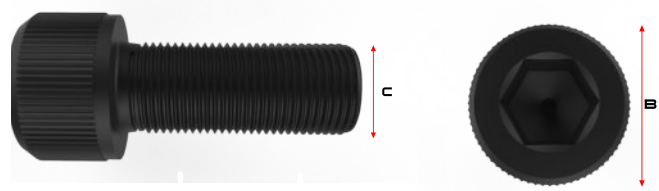


**XFM-FA133**
REVERSIBLE PLANER KNIFE

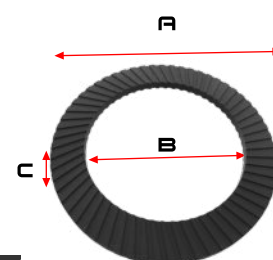
CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A	B	C
Wood	65Mn	HRC58-62	(1) M14x1.5x30	1.19 lbs	2-1/4"	2-3/8"	15/16"

aftermarket replacement for:
CATERPILLARfit models - MH208, HM112C,
HM210, HM215C**XFM-FA265**
TRIPLE CARBIDE TEETH

CUTTER TYPE	STEEL TYPE	STEEL HARDNESS	SINGLE BOLT REQUIRED	WEIGHT	A	B	C
Wood	42CrMo	HRC40-42	(1) M14x1.5x30	1.21 lbs	2-1/8"	2-1/4"	15/16"

aftermarket replacement for:
CATERPILLARfit models - MH208, HM112C,
HM210, HM215C**SOCKET BOLTS**

PART NUMBER	THREAD SIZE	MATERIAL TYPE	GRADE	HEAD TYPE	DRIVE SIZE	A	B	C	FIT
M14x1.5x30 SKT	M14X1.5	Black Oxide Alloy Steel	12.9	Socket	12mm	30mm	21mm	14mm	HM215C

**BEVELLED WASHER**

PART NUMBER	MATERIAL TYPE	MATERIAL HARDNESS	SERRATED	A	B	C	FITS BOLTS
M14W	Black Oxide Alloy Steel	C40	TOP & BOTTOM	OD	ID	THICKNESS	M14
				21.7 mm	15.2 mm	1.44 mm	