

Plating Specs

ASTM B 633

Fe/Zn 5 Type I
Fe/Zn 5 Type II
Fe/Zn 5 Type III
Fe/Zn 5 Type V
Fe/Zn 5 Type VI

Fe/Zn 8 Type I
Fe/Zn 8 Type II
Fe/Zn 8 Type III
Fe/Zn 8 Type V
Fe/Zn 8 Type VI

Fe/Zn 12 Type I
Fe/Zn 12 TypeII
Fe/Zn 12 Type III
Fe/Zn 12 Type V
Fe/Zn 12 Type VI

BENDIX

BW-101P
BW-162P
BORG-WARNER

BWS 61003
BOSCH

0 204 Y82 120
WES-P015
BOSE

0P288176
CASE-NEW HOLLAND

MAT0310
CATERPILLAR

1E0397
1E1675D
1E1675E
CHRYSLER

P-103
1E1675F

1E1675H
1E1675X

PS-4220 C50
PS-4220 C30
PS-4220 C15
PS-4220 C0

PS -79 C15
PS-79 C50
PS-79 C30
PS-79 C0

PS-9500
PS-1207
PS-5679

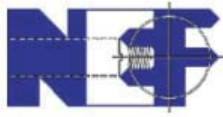
CONTINENTAL-TEVES

ATE N105 38.00
DANA

ATE N106 36.11

ATE N106 61.00

ES-PS-4001



DELPHI

DX551200 Hex Free Specs
DX551205
DX551206
DX551207
DX551208
DX551209
DX551210
DX551211
DX551212
DX5 51213
DX551214
DX551217
DX551218
DX551219
DX551220
DX551221
DX551222
DX551223
DX5 51224
DX551225
DX551229
DX551230

DX551231
DX551232
DX551233
DX551234
DX551235
DX551236
DX551237
DX551238
DX551239
DX551240
DX551242
DX551244
DX551245
DX551246
DX551247
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DX551258

DX551260
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DX551266
DX551267
DX551268
DX551269
DX551272
DX551273
DX551275
DX551276
DX551277
DX551278
DX551279
DX551280
DX551281
ESM-SJ-006

DENSO

MFZn 1 C
MFZn 1 B

MFZn 1 D

MFZn 1 G

DEXTER AXLE

ES1018
EATON

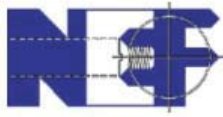
50-407
50-1500
ACES 16P47
ES-2751
ES-10003-1

ES-10003-2
ES-10003-3
ES-10003-4
ES-10003-5

ES-10003-6
ES-10003-7

FIAT

9.57405



FORD

S8	S-X	WSD-M1P85-A2
S36	WSS M21P17-B3 (S437)	WSD-M1P85-A3
S36B	ESF-M1P3-A	WSB-M10P10-A1
S40	ESF-M1P4-A	WSB-M10P10-A2
S43	ESF-M1P5-A	WSB-M10P10-A3
S141	ESF-M1P6-A	WSB-M10P10-A4
S304	ESB-M1P1-A	WSS-M21P17-B1
S309	WSD-M1P85-A1	ESS-M1p45-A
S309U		

FREIGHTLINER

49-00005
FTE AUTOMOTIVE

FTE-TL036EN
DP120ISS8

FUJI

TS430-1-33
GENERAL MOTORS

EDS-M-3106	GMW3044	GME 00252
EMS721		

HARLEY DAVIDSON

ES805-43250
HENDRICKSON

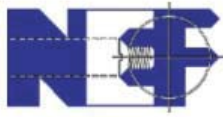
26408
HERMAN MILLER

SI-179
HONDA

HES D2003	MFZn1-K	MFZn2-K
MFZn1-B	MFZn2-B	MFZn3-C
MFZn1-C	MFZn2-C	MFZn4-C
MFZn1-H-B	MFZn2-H-B	MFZn3-H-C
MFZn1-H-C	MFZn2-H-C	MFZn4-H-C
MFZn1-H-K	MFZn2-H-K	

INLAND

U0	U40	U60
U20		



ISUZU

MFZn8B
MFZn13B
MFZn5C
MFZn8C
MFZn13C
MFZn5G
MFZn8G
MFZn13G

MFZn5K
MFZn8K
MFZn13K
MFZn25C
MFZn25K
MFZn5S
MFZn8S

MFZn13S
MFZn25S
MFZn8Bf
MFZn5Kf
MFZn8Kf
MFZn13Kf
ISC-B11-004H

JOHN DEERE

JDM F15

JDM F15X1

DS 117

KENWORTH

RO26-198-19

MAZDA

MFZnT1-W
MFZnT2-W
MFZnT3-W
MFZnT1-C

MFZnT2-C
MFZnT3-C
MFZnT1-B
MFZnT2-B

MFZnT3-B
MFZnT5-C
MFZnT5-B
MES CG310E

MERCEDES-BENZ

DBL 8451

NISSAN

DBL 8451
MFZn 3TC
MFZn 5TC
MFZn 8TC
MFZn 13TC
MFZn3B
MFZn5B

MFZn8B
MFZn13B
MFZn
3TK
MFZn 5TK
MFZn 8TK

MFZn 13TK
MFZn3C
MFZn5C
MFZn8C
MFZn13C
NES M4040

PBR AUTOMOTIVE

MS1123

PETERBILT

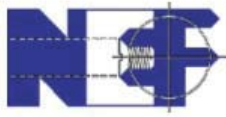
MPS 9303.003

RENAULT

01-71-002

ROCKWELL AUTOMATION

40001-051



SAAB

Fe/Zn5	Fe/Zn8C1	Fe/Zn12C1
Fe/Zn5C1	Fe/Zn8C2	Fe/Zn12C1
Fe/zn5C2	Fe/Zn8C3	Fe/Zn12C2
Fe/Zn5C3	Fe/Zn8C4	Fe/Zn 2C3
Fe/Zn5C4	Fe/Zn12	Fe/Zn12C4
Fe/Zn8		

SCHLAGE

MFC-13-604
STEEL CASE

MAT1024
TELEFLEX

ESDP-0400
TORO

M-300

TSH6524G-U	TSH6524G-BC	TSH6524G-AG
TSH6524G-S	TSH6524G-UD	TSH6524G-BG
TSH6524G-A	TSH6524G-SD	TSH6524G-SE (Dipsol)
TSH6524G-B	TSH6524G-AD	TSH6524G-AE (Dipsol)
TSH6524G-UC	TSH6524G-BD	TSH6524G-BE (Dipsol)
TSH6524G-SC	TSH6524G-UG	TSH6524G-UE (Dipsol)
TSH6524G-AC	TSH6524G-SG	

TRW

TS2-21-079
VOLKSWAGON

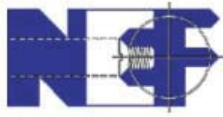
TRWPS00005

TL217	RC3c35	RC6c66
RC1c14	RC3c36	RC6c67
RC1c15	RC3c37	VW137 50
RC1c17	RC6c64	TL 194
RC3c34	RC6c65	TL521 32

VOLVO

STD 1271,47
WEBB WHEEL

ES-203



**NATIONAL
ENGINEERED
FASTENERS INC.**

830 Trillium Drive
Kitchener, Ontario N2R 1K4
Phone: (519) 886-0919
Fax: (519) 886-0920

"YOUR NATIONAL SUPPLIER OF QUALITY ENGINEERED FASTENERS."

Standard Specs

AIAG

CQI-9
ASTM

CQI-11

B117
CONMET

B850

100348
DELPHI

DX550085
FORD

WX-100
WZ-100
ISO

WSS-M99P9999-A1

WSS-M99A3-A

ISO 4042
JIS

JIS Z2371
NISSAN

JIS D0201

D2110
WEBB WHEEL

ES-151

Spec Approvals

National Engineered Fasteners can offer products that will meet the following OEM specs:

CHRYSLER

PS-PLATING

PS-5873

PS-79

PS-80

PS-8955

PS-8956M*

PS-9666

PS-10633

PS-11036

* *WIS.*

MECHANICAL

GM

GM 6138

GM 6173

GM 6174

GMW 3044 Code G, X, U

Pending

GMW 3359 Pending

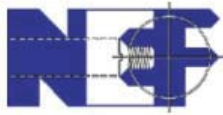
GMW 4205 Pending

GMW 4700 Code A, Code B

pending

DELPHI

DX551205	DX551240	DX551514
DX551207	DX551241	DX551515
DX551208	DX551242	DX551516
DX551210	DX551243	DX551518
DX551212	DX551244	DX551519
DX551213	DX551245	DX551520
DX551214	DX551252	DX551522
DX551215	DX551253	DX551523
DX551216	DX551255	DX551525
DX551219	DX551257	DX551526
DX551220	DX551262	DX551527
DX551222	DX551263	DX551529
DX551225	DX551265	DX551530
DX551226	DX551266	DX551532
DX551227	DX551273	DX551533
DX551228	DX551502	DX551534
DX551229	DX551503	DX551536
DX551232	DX551504	DX551537
DX551233	DX551507	DX551539
DX551234	DX551508	DX551540
DX551236	DX551509	DX551541
DX551237	DX551511	DX552002
DX551238	DX551512	
DX551239	DX551513	



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Customer	Specification	Passivate	Salt Spray Performance (Hours)		Thickness	Customer	Specification	Passivate	Salt Spray Performance (Hours)		Thickness
			White	Red					White	Red	
Chrysler	PS 8955	Clear	120	840	0.0003	Ford	WSA-M1P87-A1	Clear		768	8 µm
Chrysler	PS 8955	Black	120	840	0.0003	Ford	WSA-M1P87-A2	Black	160	500	8 µm
Chrysler	PS 7187	Black	240	500	0.0003	Ford	WSS-M21P44-A2 (S900)	Clear	360	960	6 µm
Chrysler	PS12182	Black	240	1000	5 µm	Ford	WSS-M21P44-A3 (S900)	Cath. E-Coat	480	960	6 µm
Delphi	DX551303	Clear		600	8 µm	Ford	WSS-M21P25-B1 (S900)	Sharperize®	240	1,000	5 µm
Delphi	DX551310	Clear		400	8 µm	Ford	WSF-M21P25-A1 (S61)	Sharperize®	240	1,000	6 µm
Delphi	DX551312	Black		480	8 µm	Ford	WSF-M21P25-A2 (S61)	Sharperize®	240	1,000	6 µm
Delphi	DX551313	Clear		336	8 µm	Ford	WSF-M21P25-A3 (S61)	Sharperize®	240	1,000	6 µm
Delphi	DX551315	Black		480	8 µm	Ford	WSS-M21P51-A1	Clear	120	600	8 µm
Delphi	DX551316	Clear		480	8 µm	Ford	WSS-M21P51-A2	Clear	240	1,000	8 µm
Delphi	DX551317	Clear		480	8 µm	Ford	WSS-M21P51-A3	Clear	240	1,000	8 µm
Delphi	DX551318	Clear		400	8 µm	Ford	WSS-M21P51-A4	Clear	240	1,000	8 µm
GM	GMW4700 Type A	Clear		480	8 µm	Ford	WSS-M21P51-A5	Black	240	1,000	8 µm
GM	GMW4700 Type B	Clear	240	1000	8 µm	Ford	WSS-M21P51-A6	Black	240	1,000	8 µm
GM	GMW4700 Type A	Black		480	8 µm	Toyota	TSH6530G-AC	Clear	300	1000	10 µm
GM	GMW4700 Type B	Black	240	1000	8 µm	Toyota	TSH6530G-AE	Black	300	1000	10 µm
GM	GMW4205	Black	48/144	480	5 µm	Toyota	TSH6530G-BC	Clear	300	650	5 µm
GM	GM6138M	Black	48/144	500	5 µm	Toyota	TSH6530G-BE	Black	300	650	5 µm
Honda	D 2003-03 MFZn Ni1C	Clear	192	1200	5 µm	VW	TL 244 Ofi-r642	Clear	120	720	8 µm
Honda	D 2003-03 MFZn Ni1K	Black	192	1200	5 µm	VW	TL 244 Ofi-r643	Clear	240	720	8 µm
Nissan	M 4060 ZnNi5B	Clear	72	720	5 µm	VW	TL 244 Ofi-r645	Clear	120	720	8 µm
Nissan	M 4060 ZnNi8B	Clear	72	1200	8 µm	VW	TL 244 Ofi-r672	Black	120	720	8 µm
Nissan	M 4060 ZnNi13B	Clear	72	1800	13 µm	VW	TL 244 Ofi-r673	Black	240	720	8 µm
Nissan	M 4060 ZnNi5K	Black	72	720	5 µm	VW	TL 244 Ofi-r677	Black	120	720	8 µm
Nissan	M 4060 ZnNi8K	Black	72	1200	8 µm	BMW	GS90010 ZNNIV SI	Clear		480	6 µm
Nissan	M 4060 ZnNi13K	Black	72	1800	13 µm	BMW	GS90010 ZNNID SW	Black		750	6 µm
Mercedes	DBL 8451.76 (.72)	Clear	240	360	6 µm	BMW	GS90010 ZNNID SI	Clear		720	6 µm