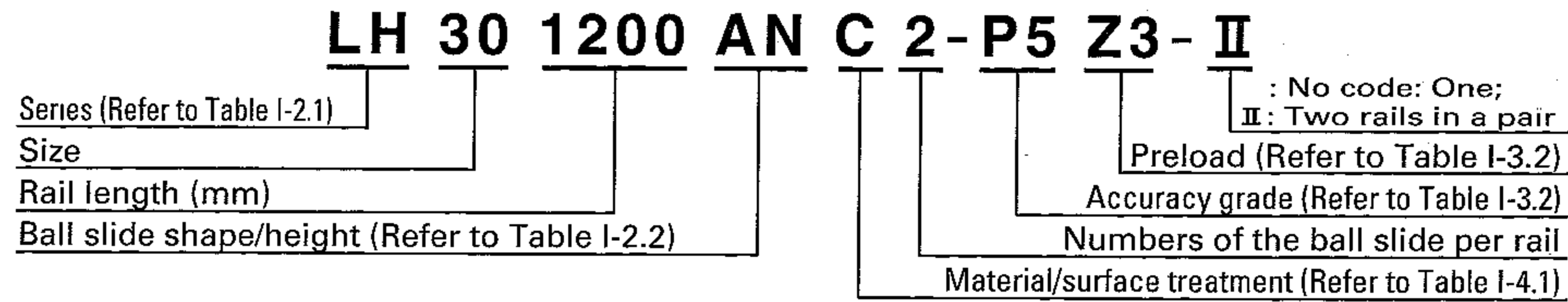


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NSK Linear Guides

Specification number of preloaded assembly (example)



● High vertical load carrying capacity type

• LH Series (self-aligning type)

LH-AN	(A-43,44)
LH-BN	(A-43,44)
LH-EL	(A-45,46)
LH-GL	(A-45,46)
LH-FL	(A-47,48)
LH-HL	(A-47,48)
LAH-AN	(A-49,50)
LAH-BN	(A-49,50)
LAH-EL	(A-51,52)
LAH-GL	(A-51,52)
LAH-FL	(A-53,54)
LAH-HL	(A-53,54)
L1H	(A-55)

• LS Series (self-aligning type)

LS-CL	(A-57,58)
LS-AL	(A-57,58)
LS-EL	(A-59,60)
LS-KL	(A-61,62)
LS-FL	(A-61,62)
LAS-CL	(A-63,64)
LAS-AL	(A-63,64)
LAS-EL	(A-65,66)
LAS-KL	(A-67,68)
LAS-FL	(A-67,68)
L1S	(A-69)

● Four directional iso-load carrying capacity type

• LA Series (super-high rigidity type)

LA-AL	(A-71,72)
LA-BL	(A-71,72)
LA-AN	(A-73,74)
LA-BN	(A-73,74)
LA-EL	(A-75,76)
LA-GL	(A-75,76)
LA-FL	(A-77,78)
LA-HL	(A-77,78)

• LY Series (high rigidity type)

LY-AL	(A-81,82)
LY-BL	(A-81,82)
LY-AN	(A-83,84)
LY-BN	(A-83,84)
LY-EL	(A-85,86)
LY-GL	(A-85,86)
LY-TL	(A-85,86)

LY-FL	(A-87,88)
LY-HL	(A-87,88)

● High vertical load carrying capacity type

• LW Series (high moment type)

LW-EL	(A-91,92)
LAW-EL	(A-93,94)
L1W	(A-95)

● Miniature

• LE Series (high moment load carrying capacity type)

LE-AL	(A-97,98)
LE-TL	(A-97,98)
LE-AR	(A-97,98)
LE-TR	(A-97,98)
LE-BL	(A-99,100)
LE-UL	(A-99,100)
LE-CL	(A-101,102)
LE-SL	(A-101,102)
LAE-AR	(A-103,104)
LAE-TR	(A-103,104)
L1E	(A-105)

• LU Series

LU-AL	(A-107,108)
LU-TL	(A-107,108)
LU-AR	(A-107,108)
LU-TR	(A-107,108)
LU-BL	(A-109,110)
LU-UL	(A-109,110)
LAU-AR	(A-111,112)
LAU-TR	(A-111,112)
L1U	(A-113)

● Light weight miniature

• LL Series (miniature light weight type)

LL	(A-115,116)
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● MF Series

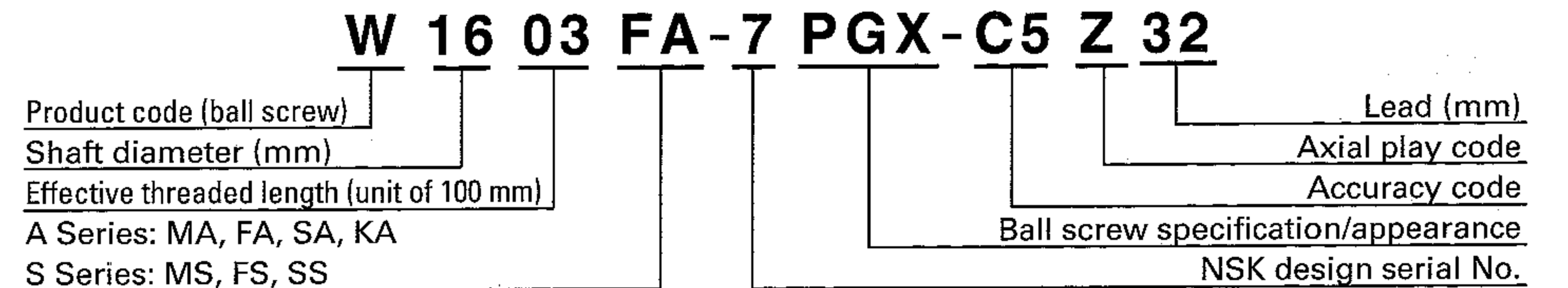
• LH, LS Series	(A-122)
• LY, LA Series	(A-123)
• LE, LU Series	(A-124)
• LW Series	(A-125)

● S1 Series

• SH Series	(A-133~138)
• SS Series	(A-139~144)

Ball Screws

● Standard in stock...A Series, S Series



• A Series

W0400MA ~ 01MA (Lead1mm)	(B-41,42)
W0600MA ~ 01MA (Lead1mm)	(B-43,44)
W0800MA ~ 02MA (Lead1mm)	(B-45,46)
W0800MA ~ 02MA (Lead1.5mm)	(B-47,48)
W0800MA ~ 02MA (Lead2mm)	(B-49,50)
W1001MA ~ 02MA (Lead2mm)	(B-51,52)
W1001MA ~ 02MA (Lead2.5mm)	(B-53,54)
W1001FA ~ 03FA (Lead4mm)	(B-55,56)
W1201MA ~ 03MA (Lead2mm)	(B-57,58)
W1201MA ~ 03MA (Lead2.5mm)	(B-59,60)
W1201FA ~ 05FA (Lead5mm)	(B-61,62)
W1201FA ~ 05FA (Lead10mm)	(B-63,64)
W1401FA ~ 06FA (Lead5mm)	(B-65,66)
W1401FA ~ 07FA (Lead8mm)	(B-67,68)
W1501FA ~ 10FA (Lead10mm)	(B-69,70)
W1501FA ~ 10FA (Lead20mm)	(B-71,72)
W1601MA ~ 03MA (Lead2mm)	(B-73,74)
W1601MA ~ 03MA (Lead2.5mm)	(B-75,76)
W1601FA ~ 08FA (Lead5mm)	(B-77,78)
W1601FA ~ 10FA (Lead16mm)	(B-79,80)
W1603FA ~ 12FA (Lead32mm)	(B-81,82)
W2002SA ~ 06SA (Lead4mm)	(B-83,84)
W2002SA ~ 07SA (Lead5mm)	(B-85,86)
W2002FA ~ 12FA (Lead10mm)	(B-87,88)
W2003FA ~ 15FA (Lead20mm)	(B-89,90)
W2005FA ~ 17FA (Lead40mm)	(B-91,92)
W2502SA ~ 07SA (Lead4mm)	(B-93,94)
W2502SA ~ 11SA (Lead5mm)	(B-95,96)
W2503SA ~ 11SA (Lead6mm)	(B-97,98)
W2503SA ~ 14SA (Lead10mm)	(B-99,100)
W2507FA ~ 21FA (Lead20mm)	(B-101,102)
W2507FA ~ 21FA (Lead25mm)	(B-103,104)
W2508FA ~ 21FA (Lead50mm)	(B-105,106)
W2802SA ~ 11SA (Lead5mm)	(B-107,108,109,110)
W2803SA ~ 11SA (Lead6mm)	(B-111,112,113,114)
W3202SA ~ 14SA (Lead5mm)	(B-115,116,117,118)
W3203SA ~ 14SA (Lead6mm)	(B-119,120,121,122)
W3203SA ~ 14SA (Lead8mm)	(B-123,124)
W3203SA ~ 17SA (Lead10mm)	(B-125,126,127,128)

W3211FA ~ 27FA (Lead25mm)	(B-129,130)
W3211FA ~ 27FA (Lead32mm)	(B-131,132)
W3604SA ~ 17SA (Lead10mm)	(B-133,134,135,136)
W4003SA ~ 15SA (Lead5mm)	(B-137,138)
W4003SA ~ 15SA (Lead8mm)	(B-139,140)
W4004SA ~ 23SA (Lead10mm)	(B-141,142,143,144)
W4006SA ~ 24SA (Lead12mm)	(B-145,146,147,148)
W4506SA ~ 24SA (Lead10mm)	(B-149,150)
W5005SA ~ 25SA (Lead10mm)	(B-151,152,153,154)

• A Series (Stainless steel)

W0601KA (Lead1mm)	(B-157,158)
W0802KA (Lead1mm)	(B-159,160)
W0802KA (Lead2mm)	(B-161,162)
W1002KA (Lead2mm)	(B-163,164)
W1001KA ~ 03KA (Lead4mm)	(B-165,166)
W1201KA ~ 03KA (Lead2mm)	(B-167,168)
W1202KA ~ 05KA (Lead5mm)	(B-169,170)
W1203KA ~ 05KA (Lead10mm)	(B-171,172)
W1504KA ~ 10KA (Lead10mm)	(B-173,174)
W1504KA ~ 10KA (Lead20mm)	(B-175,176)
W1601KA ~ 03KA (Lead2mm)	(B-177,178)
W2005KA ~ 11KA (Lead20mm)	(B-179,180)

• S Series

W0400MS (Lead1mm)	(B183,184)
W0601MS (Lead1mm)	(B183,184)
W0801MS ~ 02MS (Lead1mm)	(B183,184)
W0801MS ~ 02MS (Lead1.5mm)	(B185,186)
W0801MS ~ 02MS (Lead2mm)	(B185,186)
W1001MS ~ 02MS (Lead2mm)	(B185,186)
W1001MS ~ 02MS (Lead2.5mm)	(B187,188)
W1202MS ~ 03MS (Lead2mm)	(B187,188)
W1202MS ~ 03MS (Lead2.5mm)	(B187,188)
W1001FS ~ 03FS (Lead4mm)	(B189,190)
W1201FS ~ 04FS (Lead5mm)	(B189,190)
W1202FS ~ 04FS (Lead10mm)	(B189,190)
W1403FS ~ 06FS (Lead5mm)	(B191,192)

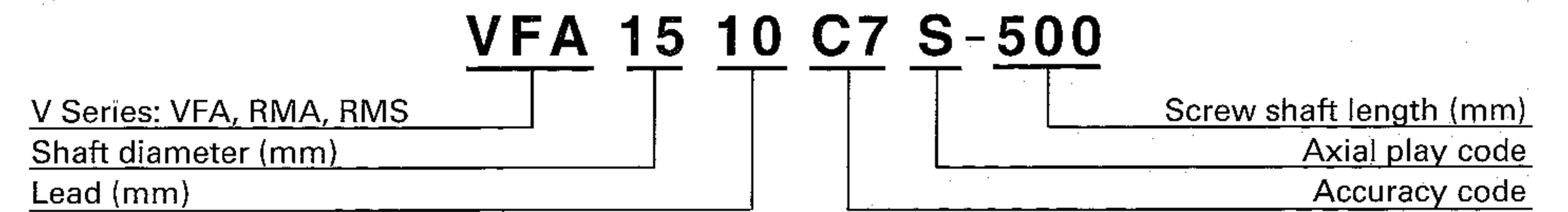
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W1405FS ~ 08FS (Lead8mm)	(B191,192)
W1504FS ~ 11FS (Lead10mm)	(B191,192)
W1602MS ~ 04MS (Lead2mm)	(B193,194)
W1602MS ~ 04MS (Lead2.5mm)	(B193,194)
W1504FS ~ 11FS (Lead20mm)	(B195,196)
W1609FS ~ 13FS (Lead32mm)	(B195,196)
W2011FS ~ 17FS (Lead40mm)	(B195,196)
W1605FS ~ 09FS (Lead5mm)	(B197,198)
W1606FS ~ 11FS (Lead16mm)	(B197,198)
W2009FS ~ 13FS (Lead10mm)	(B197,198)
W2010FS ~ 15FS (Lead20mm)	(B197,198)
W2003SS ~ 08SS (Lead4mm)	(B199,200)
W2003SS ~ 10SS (Lead5mm)	(B199,200)
W2503SS ~ 10SS (Lead4mm)	(B201,202)
W2503SS ~ 12SS (Lead5mm)	(B201,202)
W2504SS ~ 12SS (Lead6mm)	(B201,202)
W2502SS ~ 12SS (Lead5mm)	(B203,204)
W2504SS ~ 15SS (Lead10mm)	(B203,204)
W2513FS ~ 21SS (Lead20mm)	(B205,206)
W2513FS ~ 21FS (Lead25mm)	(B205,206)
W2515FS ~ 21FS (Lead50mm)	(B205,206)
W2504SS ~ 15SS (Lead10mm)	(B207,208)
W2804SS ~ 12SS (Lead5mm)	(B207,208)
W2806SS ~ 12SS (Lead6mm)	(B207,208)
W2804SS ~ 12SS (Lead5mm)	(B209,210)
W2804SS ~ 12SS (Lead6mm)	(B209,210)
W3204SS ~ 15SS (Lead5mm)	(B211,212)
W3206SS ~ 15SS (Lead6mm)	(B211,212)
W3204SS ~ 15SS (Lead5mm)	(B213,214)
W3206SS ~ 15SS (Lead6mm)	(B213,214)
W3206SS ~ 15SS (Lead8mm)	(B213,214)
W3204SS ~ 16SS (Lead5mm)	(B215,216)
W3205SS ~ 18SS (Lead10mm)	(B215,216)
W3205SS ~ 18SS (Lead10mm)	(B217,218)
W3607SS ~ 20SS (Lead10mm)	(B217,218)
W4006SS ~ 16SS (Lead5mm)	(B217,218)
W3205SS ~ 18SS (Lead10mm)	(B219,220)
W3607SS ~ 20SS (Lead10mm)	(B219,220)
W3217FS ~ 27FS (Lead25mm)	(B221,222)
W3217FS ~ 27FS (Lead32mm)	(B221,222)
W4007SS ~ 18SS (Lead8mm)	(B223,224)
W4007SS ~ 24SS (Lead10mm)	(B223,224)
W4010SS ~ 25SS (Lead12mm)	(B223,224)
W4007SS ~ 18SS (Lead10mm)	(B225,226)
W4007SS ~ 24SS (Lead12mm)	(B225,226)
W4007SS ~ 24SS (Lead10mm)	(B227,228)
W5007SS ~ 26SS (Lead10mm)	(B227,228)

W4510SS ~ 25SS (Lead10mm)	(B229,230)
W5010SS ~ 26SS (Lead10mm)	(B229,230)
W5010SS ~ 26SS (Lead10mm)	(B229,230)

Ball Screws

● Standard in stockV Series



• V Series (low price)

VFA1210 (Screw shaft length 410 ~ 610mm)	(B233,234)
VFA1510 (Screw shaft length 500 ~ 1000mm)	(B235,236)
VFA1520 (Screw shaft length 500 ~ 1000mm)	(B237,238)

RMA0802 (Screw shaft length 180 ~ 280mm)	(B247,248)
RMA1002 (Screw shaft length 250 ~ 350mm)	(B249,250)
RMA1202 (Screw shaft length 250 ~ 350mm)	(B251,252)

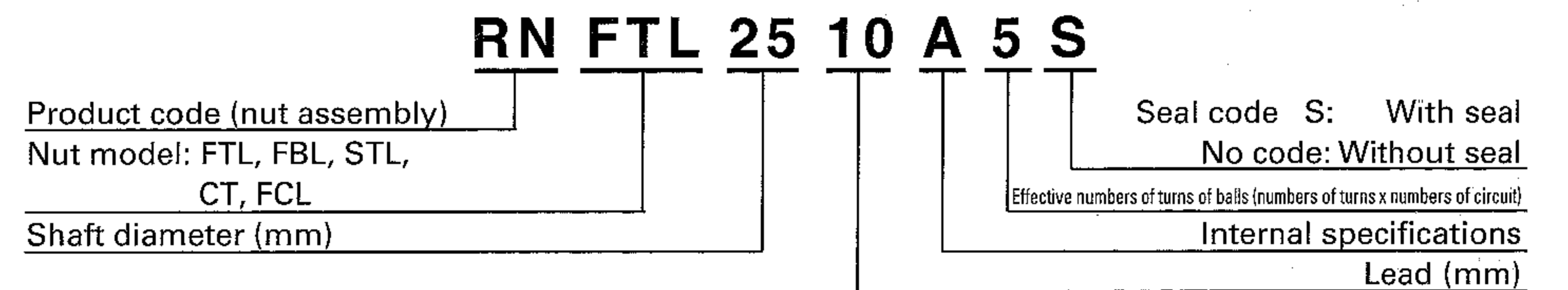
• V Series (precision rolled miniature ball screw, finished shaft end)

RMA0601 (Screw shaft length 160 ~ 260mm)	(B241,242)
RMA0801 (Screw shaft length 180 ~ 280mm)	(B243,244)
RMA0801.5 (Screw shaft length 180 ~ 280mm)	(B245,246)

• V Series (precision rolled miniature ball screw, blank shaft end)

RMS0601	(B253,254)
RMS0801 ~ 02	(B253,254)
RMS1002	(B253,254)
RMS1202	(B253,254)

● Standard in stockR Series



• R Series (Rolled ball screws)

RNFTL	(B257,262)
RNFBL	(B263,264)
RNCT	(B265,266)
RNSTL	(B267,268)
RNFCL	(B269,272)

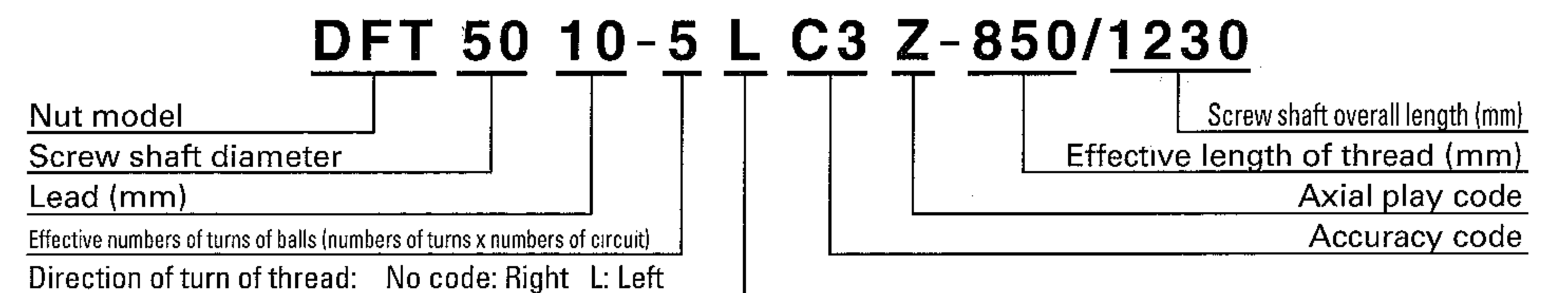
WBK (heavy load for machine tool)

• Lock nuts	WBK (A Type)	(B-299)
	WBK (S Type)	(B-299)
• Grease Units		(B-300)
• Travel Stopper	Items to be ordered	(B-300)
• Angular contact ball bearing to support ball screw	**TAC	(B-301 ~ 306)

● Accessories for standard models in stock

• Support units	WBK (light load for small equipment)	(B-277 ~ 298)
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● Custom made ball screws (example of specification number)



• T Type (Return tube recirculation system)

SFT	(B-311 ~ 322)
PFT	(B-323 ~ 328)
ZFT	(B-329 ~ 334)
DFT	(B-335 ~ 344)

DFFT

GSCT	(B-351 ~ 352)	
• D Type (Deflector recirculation system)	SFD	(B-355 ~ 358)
	ZFD	(B-359 ~ 362)

- DFD.....(B-363 ~ 366)
- DFFD.....(B-367 ~ 370)
- DCD.....(B-371 ~ 374)

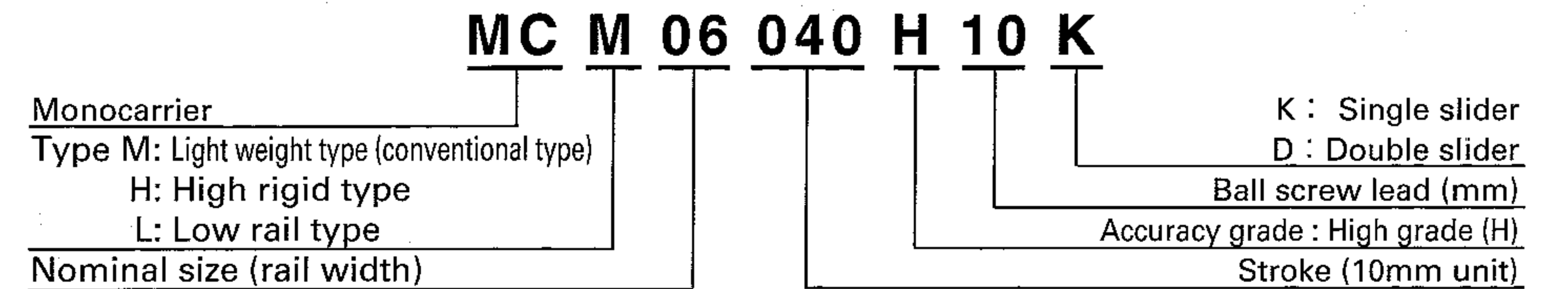
- M Type (Precision miniature, fine lead)
 - MSFD, MPFD.....(B-377 ~ 380)
 - MJFD.....(B-381 ~ 382)
- L Type (Precision, medium and high helix lead)
 - LPFT.....(B-389 ~ 392)
 - LSFT.....(B-385 ~ 388)
 - LDFT.....(B-393 ~ 394)
 - LFPT.....(B-395 ~ 396)
 - LSFC, LPFC.....(B-397 ~ 398)
- U Type (Precision, high helix and super- high helix lead)
 - USFC,UPFC.....(B-401 ~ 404)
- HMC Series (Ball screw for high speed machine tools)
 - HZC, HZF.....(B-407 ~ 408)
 - HDC, HDF.....(B-409 ~ 410)
- HTF Series (Ball screw for high load drive)
 - HTF.....(B-413 ~ 414)

● Application oriented ball screws

- MF Series
 - PFT.....(B-425 ~ 428)
 - LPFT.....(B-429 ~ 430)
 - ZFT.....(B-431 ~ 432)
 - DFT.....(B-433 ~ 434)
 - ZFD.....(B-435 ~ 436)
 - UPFC · LPFC.....(B-437 ~ 438)
 - HZF.....(B-439 ~ 440)
 - WFA.....(B-441 ~ 454)
- S1 Series
 - PFT.....(B-459 ~ 464)
 - LPFT.....(B-465 ~ 468)
- NDT, NDD Series (Rotatable ball screw)
 - NDT, NDD.....(B-475 ~ 476)
- Z Series (Robotte)
 - Σ.....(B-481 ~ 488)
- Hollow shaft ball screw
 - H**.....(B-491 ~ 492)
- Hollow shaft ball screw (seal unit)
 - WSK.....(B-493 ~ 494)

Monocarriers

● Standard stock...MF series MCM type and MCH type



• MCM type

- MCM03 (width 34mm ; lead 1,2,10,12mm)
 - Single slider(C6)
- MCM05 (width 50mm ; lead 5,10,20mm)
 - Single slider(C7)
- MCM05 (width 50mm ; lead 5,10,20mm)
 - Double slider(C8)
- MCM06 (width 60mm ; lead 5,10,20mm)
 - Single slider(C9)
- MCM06 (width 60mm ; lead 5,10,20mm)
 - Double slider(C10)
- MCM08 (width 80mm ; lead 5,10,20mm)
 - Single slider(C11)
- MCM08 (width 80mm ; lead 5,10,20mm)
 - Double slider(C12)
- MCM10 (width 100mm ; lead 10,20mm)
 - Single slider(C13)
- MCM10 (width 100mm ; lead 10,20mm)
 - Double slider(C14)
- Optional Components of MCM
 - Cover(C16)
 - Sensor(C19)
 - Motor Bracket(C23)

• MCH type

- MCH06 (width 60mm ; lead 5,10,20mm)
 - Single slider(C39)
- MCH06 (width 60mm ; lead 5,10,20mm)
 - Double slider(C40)
- MCL06 (width 60mm ; lead 5,10,20mm)
 - Single slider(C41)
- MCH09 (width 86mm ; lead 5,10,20mm)
 - Single slider(C42)
- MCH09 (width 86mm ; lead 5,10,20mm)
 - Double slider(C43)
- MCH10 (width 100mm ; lead 5,10,20mm)
 - Single slider(C44)
- MCH10 (width 100mm ; lead 5,10,20mm)
 - Double slider(C45)
- Optional Components of MCH
 - Sensor(C47)
 - Cover(C49)
 - Motor Bracket(C50)

Product Index

Standard Ball Screws in Stock Index by screw diameter

A Series, A Series (KA), S Series, V Series, R Series

Screw diameter	Lead	Reference number	Page number
φ4	1mm	W0400MA	B41 · 42
		W0401MA	B41 · 42
		W0400MS	B183 · 184
φ6	1mm	W0600MA	B43 · 44
		W0601MA	B43 · 44
		W0601KA	B157 · 158
		W0601MS	B183 · 184
		RMA0601	B241 · 242
		RMS0601	B253 · 254
φ8	1mm	W0800MA	B45 · 46
		W0801MA	B45 · 46
		W0802MA	B45 · 46
		W0802KA	B159 · 160
		W0801MS	B183 · 184
		W0802MS	B183 · 184
		RMA0801	B243 · 244
		RMS0801	B253 · 254
	1.5mm	W0800MA	B47 · 48
		W0801MA	B47 · 48
		W0802MA	B47 · 48
		W0801MS	B185 · 186
		W0802MS	B185 · 186
		RMA0801.5	B245 · 246
		RMS0801.5	B253 · 254
2mm	W0800MA	B49 · 50	
	W0801MA	B49 · 50	
	W0802MA	B49 · 50	
	W0802KA	B161 · 162	
	W0801MS	B185 · 186	
	W0802MS	B185 · 186	
	RMA0802	B247 · 248	
	RMS0802	B253 · 254	
φ10	2mm	W1001MA	B51 · 52
		W1002MA	B51 · 52
		W1002KA	B163 · 164
		W1001MS	B185 · 186

A Series, A Series (KA), S Series, V Series, R Series

Screw diameter	Lead	Reference number	Page number
φ10	2mm	W1002MS	B185 · 186
		RMA1002	B249 · 250
		RMS1002	B253 · 254
	2.5mm	W1001MA	B53 · 54
		W1002MA	B53 · 54
		W1001MS	B187 · 188
		W1002MS	B187 · 188
		RNFTL 1003A	B257 · 258
	3mm	RNCT 1003A	B265 · 266
		W1001FA	B55 · 56
	4mm	W1002FA	B55 · 56
		W1003FA	B55 · 56
		W1001KA	B165 · 166
		W1003KA	B165 · 166
		W1001FS	B189 · 190
W1002FS		B189 · 190	
W1003FS		B189 · 190	
6mm		RNFTL 1006A	B257 · 258
	RNFBL 1006A	B263 · 264	
φ12	2mm	W1201MA	B57 · 58
		W1202MA	B57 · 58
		W1203MA	B57 · 58
		W1201KA	B167 · 168
		W1203KA	B167 · 168
		W1202MS	B187 · 188
		W1203MS	B187 · 188
		RMA1202	B251 · 252
		RMS1202	B253 · 254
		2.5mm	W1201MA
W1202MA	B59 · 60		
W1203MA	B59 · 60		
W1202MS	B187 · 188		
W1203MS	B187 · 188		
W1201FA	B61 · 62		
5mm	W1202FA	B61 · 62	
	W1203FA	B61 · 62	
	W1204FA	B61 · 62	
	W1205FA	B61 · 62	
	W1202KA	B169 · 170	

A Series, A Series (KA), S Series, V Series, R Series

Screw diameter	Lead	Reference number	Page number
φ12	5mm	W1205KA	B169 · 170
		W1201FS	B189 · 190
		W1202FS	B189 · 190
		W1204FS	B189 · 190
	8mm	RNFTL 1208A	B257 · 258
		RNFBL 1208A	B263 · 264
	10mm	W1201FA	B63 · 64
		W1202FA	B63 · 64
		W1203FA	B63 · 64
		W1204FA	B63 · 64
		W1205FA	B63 · 64
		W1203KA	B171 · 172
		W1205KA	B171 · 172
		W1202FS	B189 · 190
		W1204FS	B189 · 190
		VFA1210	B233 · 234
	12mm	RNFTL 1212A	B261 · 262
		RNFCL 1212A	B269 · 270
	4mm	RNFTL 1404A	B257 · 258
		RNFBL 1404A	B263 · 264
RNCT 1404A		B265 · 266	
RNSTL 1404A		B267 · 268	
5mm	W1401FA	B65 · 66	
	W1402FA	B65 · 66	
	W1403FA	B65 · 66	
	W1404FA	B65 · 66	
	W1405FA	B65 · 66	
	W1406FA	B65 · 66	
	W1403FS	B191 · 192	
	W1406FS	B191 · 192	
	RNFTL 1405A	B257 · 258	
	RNFBL 1405A	B263 · 264	
	RNCT 1405A	B265 · 266	
	RNSTL 1405A	B267 · 268	
	8mm	W1401FA	B67 · 68
W1402FA		B67 · 68	
W1403FA		B67 · 68	
W1404FA		B67 · 68	
W1405FA		B67 · 68	

A Series, A Series (KA), S Series, V Series, R Series

Screw diameter	Lead	Reference number	Page number
φ14	8mm	W1406FA	B67 · 68
		W1407FA	B67 · 68
		W1405FS	B191 · 192
		W1408FS	B191 · 192
φ15	10mm	W1501FA	B69 · 70
		W1502FA	B69 · 70
		W1503FA	B69 · 70
		W1504FA	B69 · 70
		W1505FA	B69 · 70
		W1506FA	B69 · 70
		W1507FA	B69 · 70
		W1508FA	B69 · 70
		W1510FA	B69 · 70
		W1504KA	B173 · 174
		W1506KA	B173 · 174
		W1510KA	B173 · 174
		W1504FS	B191 · 192
		W1506FS	B191 · 192
		W1509FS	B191 · 192
		W1511FS	B191 · 192
	VFA1510	B235 · 236	
	20mm	W1501FA	B71 · 72
		W1502FA	B71 · 72
		W1503FA	B71 · 72
W1504FA		B71 · 72	
W1505FA		B71 · 72	
W1506FA		B71 · 72	
W1507FA		B71 · 72	
W1508FA		B71 · 72	
W1510FA		B71 · 72	
W1504KA		B175 · 176	
W1506KA		B175 · 176	
W1510KA		B175 · 176	
W1504FS		B195 · 196	
W1506FS		B195 · 196	
W1509FS	B195 · 196		
W1511FS	B195 · 196		
VFA1520	B237 · 238		
RNFCL 1520A	B269 · 270		

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Screw diameter	Lead	Reference number	Page number
φ 16	2mm	W1601MA	B73 · 74
		W1602MA	B73 · 74
		W1603MA	B73 · 74
		W1601KA	B177 · 178
		W1603KA	B177 · 178
		W1602MS	B193 · 194
	2.5mm	W1604MS	B193 · 194
		W1601MA	B75 · 76
		W1602MA	B75 · 76
		W1603MA	B75 · 76
		W1602MS	B193 · 194
	5mm	W1604MS	B193 · 194
		W1601FA	B77 · 78
		W1602FA	B77 · 78
		W1603FA	B77 · 78
		W1604FA	B77 · 78
		W1606FA	B77 · 78
		W1608FA	B77 · 78
		W1605FS	B197 · 198
	10mm	W1609FS	B197 · 198
	16mm	RNFTL 1610A	B257 · 258
		W1601FA	B79 · 80
		W1602FA	B79 · 80
		W1603FA	B79 · 80
		W1604FA	B79 · 80
		W1605FA	B79 · 80
		W1606FA	B79 · 80
		W1607FA	B79 · 80
		W1608FA	B79 · 80
		W1610FA	B79 · 80
		W1606FS	B197 · 198
		W1611FS	B197 · 198
RNFTL 1616A		B261 · 262	
RNFCL 1616A		B269 · 270	
32mm	W1603FA	B81 · 82	
	W1605FA	B81 · 82	
	W1608FA	B81 · 82	
	W1612FA	B81 · 82	
	W1609FS	B195 · 196	

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Screw diameter	Lead	Reference number	Page number
φ 16	32mm	W1613FS	B195 · 196
		RNFCL 1632A	B271 · 272
φ 18	8mm	RNFTL 1808A	B257 · 258
		RNFBL 1808A	B263 · 264
		RNCT 1808A	B265 · 266
		RNSTL 1808A	B267 · 268
φ 20	4mm	W2002SA	B83 · 84
		W2003SA	B83 · 84
		W2004SA	B83 · 84
		W2005SA	B83 · 84
		W2006SA	B83 · 84
		W2003SS	B199 · 200
		W2005SS	B199 · 200
		W2008SS	B199 · 200
	5mm	W2002SA	B85 · 86
		W2003SA	B85 · 86
		W2004SA	B85 · 86
		W2005SA	B85 · 86
		W2007SA	B85 · 86
		W2003SS	B199 · 200
		W2005SS	B199 · 200
		W2007SS	B199 · 200
		W2010SS	B199 · 200
		RNFTL 2005A	B257 · 258
		RNFBL 2005A	B263 · 264
		RNCT 2005A	B265 · 266
		RNSTL 2005A	B267 · 268
		10mm	W2002FA
	W2003FA		B87 · 88
	W2004FA		B87 · 88
	W2005FA		B87 · 88
	W2006FA		B87 · 88
	W2007FA		B87 · 88
	W2008FA		B87 · 88
	W2009FA		B87 · 88
	W2010FA		B87 · 88
	W2011FA		B87 · 88
	W2012FA	B87 · 88	
W2009FS	B197 · 198		

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Screw diameter	Lead	Reference number	Page number	
φ 20	10mm	W2013FS	B197 · 198	
		RNFTL 2010A	B257 · 258	
		RNFBL 2010A	B263 · 264	
		RNSTL 2010A	B267 · 268	
	20mm	W2003FA	B89 · 90	
		W2004FA	B89 · 90	
		W2005FA	B89 · 90	
		W2006FA	B89 · 90	
		W2007FA	B89 · 90	
		W2008FA	B89 · 90	
		W2009FA	B89 · 90	
		W2010FA	B89 · 90	
		W2011FA	B89 · 90	
		W2012FA	B89 · 90	
		W2015FA	B89 · 90	
		W2005KA	B179 · 180	
		W2007KA	B179 · 180	
		W2011KA	B179 · 180	
		W2010FS	B197 · 198	
		W2015FS	B197 · 198	
		RNFTL 2020A	B261 · 262	
		RNFCL 2020A	B269 · 270	
		40mm	W2005FA	B91 · 92
			W2007FA	B91 · 92
	W2009FA		B91 · 92	
	W2011FA		B91 · 92	
	W2013FA		B91 · 92	
	W2017FA		B91 · 92	
	W2011FS		B195 · 196	
	W2017FS		B195 · 196	
	RNFCL 2040A		B271 · 272	
	4mm	W2502SA	B93 · 94	
		W2503SA	B93 · 94	
W2504SA		B93 · 94		
W2505SA		B93 · 94		
W2507SA		B93 · 94		
W2503SS		B201 · 202		
W2506SS		B201 · 202		
W2510SS		B201 · 202		

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Screw diameter	Lead	Reference number	Page number	
φ 25	5mm	W2502SA	B95 · 96	
		W2503SA	B95 · 96	
		W2504SA	B95 · 96	
		W2505SA	B95 · 96	
		W2506SA	B95 · 96	
		W2507SA	B95 · 96	
		W2509SA	B95 · 96	
		W2511SA	B95 · 96	
		W2503SS	B201 · 202	
		W2505SS	B201 · 202	
		W2508SS	B201 · 202	
		W2512SS	B201 · 202	
		W2502SS	B203 · 204	
		W2504SS	B203 · 204	
		W2506SS	B203 · 204	
		W2509SS	B203 · 204	
		W2512SS	B203 · 204	
		RNFTL 2505A	B257 · 258	
		RNFBL 2505A	B263 · 264	
		RNCT 2505A	B265 · 266	
		RNSTL 2505A	B267 · 268	
		6mm	W2503SA	B97 · 98
			W2505SA	B97 · 98
			W2507SA	B97 · 98
			W2511SA	B97 · 98
			W2504SS	B201 · 202
			W2508SS	B201 · 202
	W2512SS		B201 · 202	
	10mm	W2503SA	B99 · 100	
		W2505SA	B99 · 100	
		W2507SA	B99 · 100	
		W2509SA	B99 · 100	
		W2511SA	B99 · 100	
		W2514SA	B99 · 100	
		W2504SS	B203 · 204 · 207 · 208	
		W2506SS	B203 · 204	
		W2507SS	B207 · 208	
		W2508SS	B203 · 204	
		W2510SS	B207 · 208	

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Screw diameter	Lead	Reference number	Page number
φ25	10mm	W2511SS	B203 · 204
		W2515SS	B203 · 204 · 207 · 208
		RNFTL 2510A	B257 · 258
		RNFBL 2510A	B263 · 264
		RNCT 2510A	B265 · 266
		RNSTL 2510A	B267 · 268
	20mm	W2507FA	B101 · 102
		W2509FA	B101 · 102
		W2511FA	B101 · 102
		W2513FA	B101 · 102
		W2515FA	B101 · 102
		W2517FA	B101 · 102
		W2521FA	B101 · 102
		W2513FS	B205 · 206
		W2521FS	B205 · 206
		25mm	W2507FA
	W2509FA		B103 · 104
	W2511FA		B103 · 104
	W2513FA		B103 · 104
	W2515FA		B103 · 104
	W2517FA		B103 · 104
	W2521FA		B103 · 104
	W2513FS		B205 · 206
	W2521FS		B205 · 206
	RNFTL 2525A		B261 · 262
	RNFCL 2525A	B269 · 270	
	50mm	W2508FA	B105 · 106
		W2511FA	B105 · 106
		W2516FA	B105 · 106
		W2521FA	B105 · 106
		W2515FS	B205 · 206
		W2521FS	B205 · 206
		RNFCL 2550A	B271 · 272
φ28	5mm	W2802SA	B107 · 108 · 109 · 110
		W2803SA	B107 · 108 · 109 · 110
		W2804SA	B107 · 108 · 109 · 110
		W2805SA	B107 · 108 · 109 · 110
		W2807SA	B107 · 108 · 109 · 110
		W2809SA	B107 · 108 · 109 · 110

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Screw diameter	Lead	Reference number	Page number		
φ28	5mm	W2811SA	B107 · 108 · 109 · 110		
		W2804SS	B207 · 208 · 209 · 210		
		W2806SS	B207 · 208 · 209 · 210		
		W2808SS	B207 · 208 · 209 · 210		
		W2812SS	B207 · 208 · 209 · 210		
	6mm	W2803SA	B111 · 112 · 113 · 114		
		W2805SA	B111 · 112 · 113 · 114		
		W2807SA	B111 · 112 · 113 · 114		
		W2809SA	B111 · 112 · 113 · 114		
		W2811SA	B111 · 112 · 113 · 114		
		W2804SS	B207 · 208 · 209 · 210		
		W2806SS	B207 · 208 · 209 · 210		
		W2808SS	B207 · 208 · 209 · 210		
		W2812SS	B207 · 208 · 209 · 210		
		RNFTL 2806A	B259 · 260		
		RNFBL 2806A	B263 · 264		
		RNCT 2806A	B265 · 266		
		RNSTL 2806A	B267 · 268		
		φ32	5mm	W3202SA	B115 · 116 · 117 · 118
				W3203SA	B115 · 116 · 117 · 118
W3204SA	B115 · 116 · 117 · 118				
W3205SA	B115 · 116 · 117 · 118				
W3206SA	B115 · 116 · 117 · 118				
W3207SA	B115 · 116 · 117 · 118				
W3209SA	B115 · 116 · 117 · 118				
W3211SA	B115 · 116 · 117 · 118				
W3214SA	B115 · 116 · 117 · 118				
W3204SS	B211 · 212 · 213 · 214 215 · 216				
W3206SS	B211 · 212 · 213 · 214 215 · 216				
W3208SS	B211 · 212 · 213 · 214				
W3209SS	B215 · 216				
W3212SS	B211 · 212 · 213 · 214 215 · 216				
6mm	W3215SS			B211 · 212 · 213 · 214	
	W3216SS		B215 · 216		
	W3203SA		B119 · 120 · 121 · 122		
	W3205SA		B119 · 120 · 121 · 122		

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Screw diameter	Lead	Reference number	Page number
φ32	6mm	W3207SA	B119 · 120 · 121 · 122
		W3209SA	B119 · 120 · 121 · 122
		W3211SA	B119 · 120 · 121 · 122
		W3214SA	B119 · 120 · 121 · 122
		W3206SS	B211 · 212 · 213 · 214
		W3210SS	B211 · 212 · 213 · 214
		W3215SS	B211 · 212 · 213 · 214
	8mm	W3203SA	B123 · 124
		W3205SA	B123 · 124
		W3207SA	B123 · 124
		W3209SA	B123 · 124
		W3214SA	B123 · 124
		W3206SS	B213 · 214
		W3210SS	B213 · 214
	W3215SS	B213 · 214	
	10mm	W3203SA	B125 · 126 · 127 · 128
		W3204SA	B125 · 126 · 127 · 128
		W3205SA	B125 · 126 · 127 · 128
		W3206SA	B125 · 126 · 127 · 128
		W3207SA	B125 · 126 · 127 · 128
		W3209SA	B125 · 126 · 127 · 128
		W3211SA	B125 · 126 · 127 · 128
		W3214SA	B125 · 126 · 127 · 128
		W3217SA	B125 · 126 · 127 · 128
		W3205SS	B215 · 216 · 217 · 218 219 · 220
		W3207SS	B215 · 216 · 217 · 218 219 · 220
		W3210SS	B215 · 216 · 217 · 218 219 · 220
		W3214SS	B215 · 216 · 217 · 218 219 · 220
		W3218SS	B215 · 216 · 217 · 218 219 · 220
		RNFTL 3210A	B259 · 260
		RNFBL 3210A	B263 · 264
	RNCT 3210A	B265 · 266	
	RNSTL 3210A	B267 · 268	
25mm	W3211FA	B129 · 130	

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Screw diameter	Lead	Reference number	Page number
φ32	25mm	W3216FA	B129 · 130
		W3221FA	B129 · 130
		W3227FA	B129 · 130
		W3217FS	B221 · 222
		W3227FS	B221 · 222
		W3211FA	B131 · 132
		W3216FA	B131 · 132
	32mm	W3221FA	B131 · 132
		W3227FA	B131 · 132
		W3217FS	B221 · 222
		W3227FS	B221 · 222
		RNFTL 3232A	B261 · 262
		RNFCL 3232A	B269 · 270
		RNFCL 3264A	B271 · 272
φ36	10mm	W3604SA	B133 · 134 135 · 136
		W3606SA	B133 · 134 135 · 136
		W3609SA	B133 · 134 135 · 136
		W3613SA	B133 · 134 135 · 136
		W3617SA	B133 · 134 135 · 136
		W3607SS	B217 · 218 219 · 220
		W3612SS	B217 · 218 219 · 220
		W3620SS	B217 · 218 · 219 · 220
		RNFTL 3610A	B259 · 260
		RNFBL 3610A	B263 · 264
		RNCT 3610A	B265 · 266
		RNSTL 3610A	B267 · 268
		φ40	5mm
W4005SA	B137 · 138		
W4007SA	B137 · 138		
W4009SA	B137 · 138		
W4011SA	B137 · 138		
W4015SA	B137 · 138		
W4006SS	B217 · 218		
8mm	W4010SS		B217 · 218
	W4016SS		B217 · 218
	W4003SA		B139 · 140
	W4005SA		B139 · 140
	W4007SA		B139 · 140
	W4009SA		B139 · 140

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Screw diameter	Lead	Reference number	Page number	
φ40	8mm	W4011SA	B139 · 140	
		W4015SA	B139 · 140	
		W4007SS	B223 · 224	
		W4012SS	B223 · 224	
		W4018SS	B223 · 224	
	10mm	W4004SA	B141 · 142 143 · 144	
		W4005SA	B141 · 142 143 · 144	
		W4006SA	B141 · 142 143 · 144	
		W4007SA	B141 · 142 143 · 144	
		W4009SA	B141 · 142 143 · 144	
		W4011SA	B141 · 142 143 · 144	
		W4013SA	B141 · 142 143 · 144	
		W4015SA	B141 · 142 143 · 144	
		W4017SA	B141 · 142 143 · 144	
		W4023SA	B141 · 142 143 · 144	
		W4007SS	B223 · 224 225 · 226 227 · 228	
		W4010SS	B223 · 224 225 · 226 227 · 228	
		W4014SS	B223 · 224 225 · 226 227 · 228	
		W4018SS	B223 · 224 225 · 226 227 · 228	
		W4024SS	B223 · 224 225 · 226 227 · 228	
		RNFTL 4010A	B259 · 260	
		RNFBL 4010A	B263 · 264	
		RNCT 4010A	B265 · 266	
		12mm	W4006SA	B145 · 146 147 · 148
			W4009SA	B145 · 146 147 · 148
	W4013SA		B145 · 146 147 · 148	
	W4017SA		B145 · 146 147 · 148	
	W4024SA		B145 · 146 147 · 148	
	W4010SS		B223 · 224 225 · 226	
	W4016SS		B223 · 224 225 · 226	
	W4025SS		B223 · 224 225 · 226	
	40mm	RNFTL 4040A	B261 · 262	
		RNFCL 4040A	B269 · 270	
80mm	RNFCL 4080A	B271 · 272		

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Screw diameter	Lead	Reference number	Page number
φ45	10mm	W4506SA	B149 · 150
		W4509SA	B149 · 150
		W4513SA	B149 · 150
		W4517SA	B149 · 150
		W4524SA	B149 · 150
		W4510SS	B229 · 230
		W4516SS	B229 · 230
		W4525SS	B229 · 230
		RNFTL 4512A	B259 · 260
		RNCT 4512A	B265 · 266
φ50	12mm	RNSTL 4512A	B267 · 268
		W5005SA	B151 · 152 153 · 154
		W5007SA	B151 · 152 153 · 154
	10mm	W5009SA	B151 · 152 153 · 154
		W5011SA	B151 · 152 153 · 154
		W5014SA	B151 · 152 153 · 154
		W5019SA	B151 · 152 153 · 154
		W5025SA	B151 · 152 153 · 154
		W5007SS	B227 · 228
		W5010SS	B227 · 228 229 · 230
W5015SS		B227 · 228 229 · 230	
W5020SS		B227 · 228 229 · 230	
W5026SS		B227 · 228 229 · 230	
RNFTL 5010A		B259 · 260	
RNCT 5010A		B265 · 266	
RNFTL 5016A		B259 · 260	
RNCT 5016A		B265 · 266	
16mm		RNFTL 5016A	B259 · 260
		RNCT 5016A	B265 · 266
50mm		RNFCL 5050A	B269 · 270