

Spare Parts

N1 to N8

N



Screws	N2
Eccentric Pins / Lever Pins	N4
Shims	N5
Clamps / Rings / Shim Pins / Drawing Pins / Nuts	N6
Spanners	N7

N
Spare Parts

Stock Indications and Symbols

- mark: Standard stocked item
- mark: To be replaced by a new item featured on the same page
- ▲ mark: To be replaced by new item
(Please confirm stock availability)

- * mark: Semi-standard stock (Please confirm stock availability)
- mark: Stock or planned stock (Please confirm stock availability)
- No mark: Made-to-order item
- mark: We cannot produce

N1

Shims

Shims

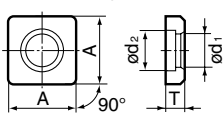
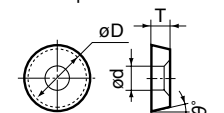
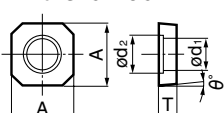
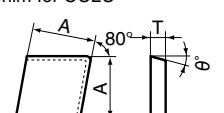
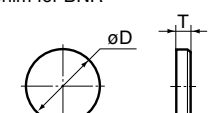
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
	LST317	●	9.5	2.7	5.2	—	—	—	—		
	LST42	●	12.65	3.18	6.9	—	—	—	—		
	LST53	●	15.85	4.76	7.9	—	—	—	—		
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
			LSS32	●	9.48	3.18	5	—		—	—
			LSS42	●	12.65	3.18	6.9	—		—	—
			LSS53	●	15.85	4.76	7.9	—		—	—
LSS63	●	19	4.76	10	—	—	—				
LSS84	●	25.35	6.35	13.2	—	—	—				
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
LSS42B	●	12.65	3.18	6.9	—	—	—	—			
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
			LSC317	●	9.5	2.7	5.2	—		—	—
			LSC32	●	9.48	3.18	5	—		—	—
			LSC42	●	12.65	3.18	6.9	—		—	—
			LSC53	●	15.85	4.76	7.9	—		—	—
LSC63	●	19	4.76	10	—	—	—				
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
LSD317	●	9.5	2.7	5.2	—	—	—	—			
LSD42	●	12.65	3.18	6.9	—	—	—	—			
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
LST317CA	●	9.33	2.7	5	—	—	—	—			
LST42CA	●	12.5	3.2	6.7	—	—	—	—			
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
			LSR817	●	8.4	2.7	4.8	—		—	—
			LSR10	●	8.4	3.18	4.7	—		—	—
			LSR12	●	10	3.18	4.7	—		—	—
			LSR16	●	13.5	4.76	6.3	—		—	—
			LSR20	●	17.2	4.76	7.9	—		—	—
LSR25	●	22	6.35	9.5	—	—	—				
LSR32	●	28	6.35	12.7	—	—	—				
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	θ°			
LSS42CA	●	12.5	3.2	6.7	—	—	8	—			
LSS53CA	●	15.68	4.8	7.7	—	—	10	—			
Shim for Lever Lock	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	θ°			
			LSC42B	●	12.65	3.18	6.9	—		—	8
LSC53CA	●	15.68	4.8	7.7	—	—	10	—			
Shim for SEC-20 & 40	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			A	T	d	—	—	—			
			STND323	●	9.3	3.18	3.4	—		—	—
STND433	●	12.5	4.76	3.4	—	—	—	—			

Shims

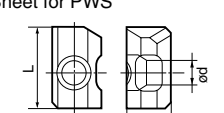
Shim for SEC-20 & 40	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d	—	—	—				
	SSND423	●	12.5	3.18	3.4	—	—	—	—			
	SSND433	●	12.5	4.76	3.4	—	—	—	—			
	SSND533	●	15.65	4.76	3.4	—	—	—	—			
Shim for SEC-30	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d ₁	d ₂	—	—				
			EST32	●	9.53	3.18	5.5	5.9		—	—	—
EST43	●	12.7	4.76	7.5	7.9	—	—	—				
Shim for SEC-30	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d	—	—	—				
ESS42	●	12.7	3.18	7.5	7.9	—	—	—				
Shim for SEC-40	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d	—	—	θ°				
			SCND433	●	12.65	4.76	3.4	—		—	80	—
			SDND433	●	12.65	4.76	3.4	—		—	55	—
SEND423	●	12.5	3.18	3.4	—	—	75	—				
Shim for SEC-40	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d	—	—	θ°				
			STPD322	●	8.4	3.18	3.4	—		—	6	—
			STPD422	●	11.0	3.18	3.4	—		—	6	—
STPL42	●	11.0	3.18	3.4	—	—	6	—				
Shim for SEC-40	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d	—	—	θ°				
			SSPD422	●	11.6	3.18	3.4	—		—	6	—
SSPD522	●	14.1	3.18	3.4	—	—	6	—				
Shim for SEC-40	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			D	—	—	—	—	—				
SRND42	●	12.7	—	—	—	—	—	—				
Shim for SEC-60	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d ₁	d ₂	—	θ°				
			SVW322	●	9.5	3.18	4.7	6.5		—	35	—
			SFW423	●	12.65	3.18	6.2	8.0		—	50	—
			SFW433	●	12.65	4.76	6.2	8.0		—	50	—
			SDW323	●	9.5	3.18	4.7	6.5		—	55	—
			SDW423	●	12.65	3.18	6.2	8.0		—	55	—
SCW323	●	9.5	3.18	4.8	6.5	—	80	—				
SCW423	●	12.65	3.18	6.2	8.0	—	80	—				
SCW635	●	19	4.76	9	11.5	—	80	—				
Shim for SEC-M Shim for Boring Bar	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d ₁	d ₂	—	—				
			STW323	●	9.5	3.18	4.7	6.5		—	—	—
STW434	●	12.65	4.76	6.2	8	—	—	—				
Shim for SEC-M	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d ₁	d ₂	—	—				
SWW433	●	12.65	4.76	6.2	8	—	—	—				

Shims / Clamps / Rings / Shim Pins / Drawing Pins / Nuts

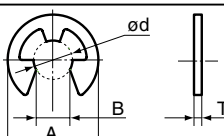
Shims

Shim for Boring Bar	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d ₁	d ₂	—	—				
	SSW423	●	12.65	3.18	6.2	8	—	—	—			
	SSW635	●	19	4.76	9	11.5	—	—	—			
Shim for Special Holder	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			D	T	d	—	—	θ°				
	SRPH163	●	14	3.2	5.3	—	—	11	—			
	SRPH203	●	18	3.2	6.3	—	—	11	—			
Shim for SEC-WGC	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	d ₁	d ₂	—	θ°				
	WGCS13R	●	10.7	3.0	5.5	7.5	—	5	—			
Shim for CCLC	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T	—	—	—	θ°				
	SCN204	●	8.7	2.04	—	—	—	7	—			
Shim for BNR	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			D	T	—	—	—	—				
	BNRS120	●	11.2	4	—	—	—	—	—			
Shim for LTER-Holder	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			A	T ₁	T ₂	d	—	—				
			LSTE31-0	●	9.5	2.7	2.7	5.2		—	—	—
			LSTE31-1	●	9.5	2.67	2.91	5.2		—	—	—
			LSTE31-2	●	9.5	2.64	3.11	5.2		—	—	—
			LSTE42-0	●	12.7	3.18	3.18	7.0		—	—	—
LSTE42-1	▲	12.7	3.14	3.45	7.0	—	—	—				
LSTE42-2	▲	12.7	3.09	3.71	7.0	—	—	—				

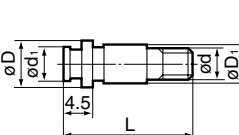
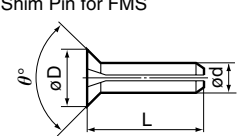
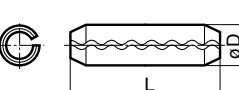
Clamp

Sheet for PWS	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			d	L	H	—	—	—				
	PWSS4R	●	4.6	15	9	—	—	—	—			
Clamp for CPG	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)			
			d	L	H	—	—	—				
			PTW40R	●	M8	17	12.514	—		—	—	—
			PTW41L	●	M8	17	12.675	—		—	—	—
PTW41R	●	M8	17	12.675	—	—	—	—				

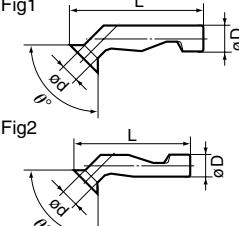
Ring

Ring	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			A	B	T	d	—	—	
	ER03	●	7	2.6	0.6	3	—	—	—
	ER04	●	9	3.5	0.6	4	—	—	—
	ER05	●	11	4.3	0.6	5	—	—	—

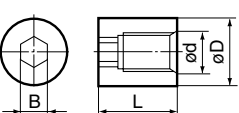
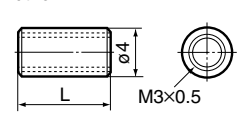
Shim Pins

Nut for SEC-M	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			d	Pitch	L	D	D ₁	d ₁			
	MP317	●	M4	0.7	15.5	6	4	3.7	—		
	MP317S	●	M4	0.7	15.5	6	4	3.7	—		
	MP320	●	M4	0.7	19.5	6	4	3.7	—		
	MP320S	●	M4	0.7	19.5	6	4	3.7	—		
	MP416	●	M5	0.8	14	7.5	6	5	—		
	MP420	●	M5	0.8	20	7.5	6	5	—		
MP432	●	M5	0.8	32	7.5	6	5	—			
Shim Pin for FMS	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			d	—	L	D	θ°	—			
	SPP308	●	3.2	—	8	4.8	120	—	—		
Shim Pin for SEC-20 & 40	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			—	—	L	D	—	—			
	SPP3	●	—	—	16	3	—	—	—		
Shim Pin for SEC-70	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)		
			d	H	L	—	—	—			
			LSP3	●	5	3.5	5.5	—		—	—
			LSP4	●	6.7	4	7	—		—	—
			LSP5	●	7.7	4.5	8.5	—		—	—
			LSP6	●	9.85	5.9	11.1	—		—	—
			LSP8	●	13.05	10	12	—		—	—
			LSP10	●	5	3.3	6.5	—		—	—
			LSP16	●	6.6	4.5	9	—		—	—
			LSP20	●	8.2	5.5	9	—		—	—
			LSP25	●	9.8	6.5	11	—		—	—
LSP32	●	13	10	12	—	—	—				

Drawing Pins

Fig1	Cat. No.	Stock	Dimensions (mm)						Shape	Torque (N-m)
			d	D	L	θ°	—	—		
	SR083	●	2.7	2.9	20	60	—	—	Fig1	—
	SR104	●	3	3.4	21	60	—	—		
	SR124	●	3.5	3.9	24	60	—	—		
	SR164	●	4.5	5	32	60	—	—		
	SR204	●	5.5	6	41	60	—	—		
	SR164Q	●	4.5	5	32	60	—	—		
	SW43B	●	4	4.9	27.5	90	—	—	Fig2	—
	SR134B	●	3.5	3.9	22.5	60	—	—		

Nuts

Nut for SEC-M	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			d	L	D	B	—	—	
	CPM32N	●	M4	7.5	7	3	—	—	—
	CPM43N	●	M5	8.5	7	3	—	—	—
	CPM43S	●	M5	6	7	3	—	—	—
Nut for BNB	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			L	—	—	—	—	—	
	BNBW-4	●	4	—	—	—	—	—	—
	BNBW-7	●	7	—	—	—	—	—	—

Spanners

Spanners

Spanner (Hexagonal)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	L	L				
	LH015	●	1.5	45	14	—	—	—	—
	LH020	●	2	50	16	—	—	—	—
	LH025	●	2.5	56	18	—	—	—	—
	LH030	●	3	63	20	—	—	—	—
	LH035	●	3.5	68	22	—	—	—	—
	LH040	●	4	70	25	—	—	—	—
	LH050	●	5	80	28	—	—	—	—
	LH060	●	6	90	32	—	—	—	—
Spanner (Hexagonal)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	L	L				
	LH020NT	●	2	50	16	—	—	—	—
	LH025NT	●	2.5	56	6.0	—	—	—	—
Spanner (Torx)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	d	L	L			
	LT08-06	●	T8	2.3	45.0	6.0	—	—	—
	LT15	●	T15	T15	54	17.9	—	—	—
	LT20	●	T20	3.9	57.2	19.1	—	—	—
	LT25	●	T25	4.4	60.3	20.2	—	—	—
	LT27	●	T27	4.96	63.5	21.5	—	—	—
Spanner (Torx Plus)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	d	L	L			
	LT25NT	●	25IP	4	65	10	—	—	—
Tee Hex Spanner (Hexagonal)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	b1	C				
	TH030	●	3	48	28	—	—	—	—
	TH040	●	4	48	37	—	—	—	—
	TH050	●	5	48	45	—	—	—	—
Tee Hex Spanner (Hexagonal)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	b1	C				
	TH015	●	1.5	35	30	—	—	—	—
	TH020	●	2	35	39	—	—	—	—
	TH025	●	2.5	35	39	—	—	—	—
Hex Spanner (Hexagonal)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	C	b1	b2			
	TSW040	●	4	60	20	40	—	—	—
Hex Spanner (Screwdriver Type)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	C	b1				
	HD040	●	4	75	111	—	—	—	—

Spanners

Tee Spanner (Torx)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	d	C	b1			
	TTX15W	●	T15	4.0	97	28	—	—	—
	TTX20	●	T20	3.9	58	47	—	—	—
	TT25	●	T25	4.4	27	48	—	—	—
	TT27	●	T27	5.0	41	48	—	—	—
Special Torx Spanner	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	C	b1	b2			
	TRX06	●	T6	35.5	15	15	—	—	—
	TRX08	●	T8	38.5	19	19	—	—	—
	TRX10	●	T10	42.1	22	22	—	—	—
	TRX15	●	T15	46	22	27	—	—	—
	TRX20	●	T20	49	22	30	—	—	—
Special Torx Plus Spanner	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			d	C	b1	b2			
	RT06	●	2	35	15	15	—	—	—
Tee Spanner (Torx Plus)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	d	C	b1			
	TTR15 IP	●	15IP	4.0	80	25.5	—	—	—
Special Torx Plus Spanner (Screwdriver Type)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	C	b1				
	TRDR08 IP	●	8IP	60	104	—	—	—	—
	TRDR10 IP	●	10IP	80	111	—	—	—	—
	TRDR15 IP	●	15IP	80	111	—	—	—	—
	TRDR20 IP	●	20IP	100	118	—	—	—	—
	TRDR25 IP	●	25IP	100	118	—	—	—	—
Special Torx Spanner (Screwdriver Type)	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			B	d	C	b1			
	TRD07	●	T7	2.0	45	70	—	—	—
	TRD08	●	T8	2.3	55	70	—	—	—
	TRD15	●	T15	3.9	70	100	—	—	—
	TRD20	●	T20	4.6	100	90	—	—	—
	TRD25	●	T25	5.3	80	110	—	—	—
Key Spanner	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			L	a	C				
	KY25	●	45	2.5	—	10	—	—	—
	KY40	●	60	4	—	13	—	—	—
	Cat. No.	Stock	Dimensions (mm)						Torque (N-m)
			d	C	b1	b2			
	RFT	●	1.7	35	15	15	—	—	—