

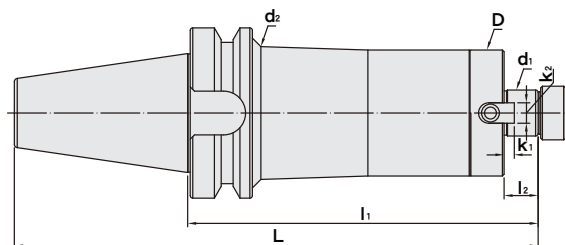
SILENT DAMPING GENIUS CATEGORY

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RBT / FMH-SDG FACE MILL ARBOR

Dual
DRIVE+

RBT / FMH - SDG 法蘭加厚型寂靜抑震面銑刀桿


SDG
SILENT DAMPING GENIUS


MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	k ₁	k ₂	WEIGHT (KGS)
401-026-150-160-150	RBT40-FMH16-150-D38-SDG	215.5	150	17	38	16	38	5	8	2.41
401-026-150-160-200	RBT40-FMH16-200-D38-SDG	265.4	200	17	38	16	38	5	8	2.81
401-026-150-160-250	RBT40-FMH16-250-D38-SDG	315.4	250	17	38	16	38	5	8	3.21
401-026-150-160-300	RBT40-FMH16-300-D38-SDG	365.4	300	17	38	16	38	5	8	3.58
401-026-150-221-150	RBT40-FMH22-150-D48-SDG	215.4	150	19	48	22	48	5	10	3.15
401-026-150-221-200	RBT40-FMH22-200-D48-SDG	265.4	200	19	48	22	48	5	10	3.75
401-026-150-221-250	RBT40-FMH22-250-D48-SDG	315.4	250	19	48	22	48	5	10	4.37
401-026-150-221-300	RBT40-FMH22-300-D48-SDG	365.4	300	19	48	22	48	5	10	4.96
401-027-150-160-200	RBT50-FMH16-200-D38-SDG	301.8	200	17	38	16	38	5	8	5.30
401-027-150-160-250	RBT50-FMH16-250-D38-SDG	351.8	250	17	38	16	38	5	8	5.70
401-027-150-160-300	RBT50-FMH16-300-D38-SDG	401.8	300	17	38	16	38	5	8	6.06
401-027-150-221-200	RBT50-FMH22-200-D48-SDG	301.8	200	19	48	22	63	5	10	6.18
401-027-150-221-250	RBT50-FMH22-250-D48-SDG	351.8	250	19	48	22	63	5	10	6.82
401-027-150-221-300	RBT50-FMH22-300-D48-SDG	401.8	300	19	48	22	63	5	10	7.46
401-027-150-221-350	RBT50-FMH22-350-D48-SDG	451.8	350	19	48	22	63	5	10	8.13
401-027-150-221-400	RBT50-FMH22-400-D48-SDG	501.8	400	19	48	22	63	5	10	8.72
401-027-150-222-250	RBT50-FMH22-250-D58-SDG	351.8	250	19	58	22	63	5	10	8.39
401-027-150-222-300	RBT50-FMH22-300-D58-SDG	401.8	300	19	58	22	63	5	10	9.29
401-027-150-222-350	RBT50-FMH22-350-D58-SDG	451.8	350	19	58	22	63	5	10	10.22
401-027-150-222-400	RBT50-FMH22-400-D58-SDG	501.8	400	19	58	22	63	5	10	11.12
401-027-150-222-450	RBT50-FMH22-450-D58-SDG	551.8	450	19	58	22	63	5	10	12.05
401-027-150-222-500	RBT50-FMH22-500-D58-SDG	601.8	500	19	58	22	63	5	10	12.98

Features:

- ▶ With configuration of hollow type tool body and dynamic vibration absorber, Silent Damping Genius "FMH-SDG Face Mill Arbor" can restrain the vibration from axial and radial directions efficiently.
- ▶ FMH-SDG Face Mill Arbor optimizes cutting speed, feed and improves workpiece surface finish, achieving high efficiency machining for long overhanging operations.



Reminder:

- ▶ The damping face mill arbor is designed to handle stepped milling operations instead of plunge milling.
- ▶ Internal coolant fluid or air should be applied during continuous operation to keep the machining temperature to be within 120°C.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Screw
P.X-64~65	P.X-73、77	P.X-78	P.X-113



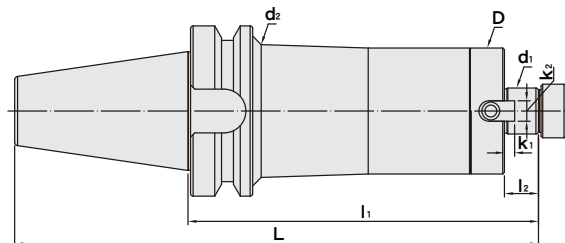
RBT / FMH-SDG FACE MILL ARBOR

Dual
DRIVE+

RBT / FMH - SDG 法蘭加厚型寂靜抑震面銑刀桿



SDG
SILENT DAMPING GENIUS



MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	k ₁	k ₂	WEIGHT (KGS)
401-027-150-272-250	RBT50-FMH27-250-D58-SDG	351.8	250	20	58	27	63	6	12	8.42
401-027-150-272-300	RBT50-FMH27-300-D58-SDG	401.8	300	20	58	27	63	6	12	9.35
401-027-150-272-350	RBT50-FMH27-350-D58-SDG	451.8	350	20	58	27	63	6	12	10.28
401-027-150-272-400	RBT50-FMH27-400-D58-SDG	501.8	400	20	58	27	63	6	12	11.18
401-027-150-272-450	RBT50-FMH27-450-D58-SDG	551.8	450	20	58	27	63	6	12	12.11
401-027-150-272-500	RBT50-FMH27-500-D58-SDG	601.8	500	20	58	27	63	6	12	13.04
401-027-150-273-250	RBT50-FMH27-250-D74-SDG	351.8	250	20	74	27	78	6	12	12.29
401-027-150-273-300	RBT50-FMH27-300-D74-SDG	401.8	300	20	74	27	78	6	12	13.22
401-027-150-273-350	RBT50-FMH27-350-D74-SDG	451.8	350	20	74	27	78	6	12	14.72
401-027-150-273-400	RBT50-FMH27-400-D74-SDG	501.8	400	20	74	27	78	6	12	16.20
401-027-150-273-450	RBT50-FMH27-450-D74-SDG	551.8	450	20	74	27	78	6	12	19.02
401-027-150-273-500	RBT50-FMH27-500-D74-SDG	601.8	500	20	74	27	78	6	12	20.52
401-027-150-273-550	RBT50-FMH27-550-D74-SDG	651.8	550	20	74	27	78	6	12	22.02
401-027-150-273-600	RBT50-FMH27-600-D74-SDG	701.8	600	20	74	27	78	6	12	23.72
401-027-150-323-250	RBT50-FMH32-250-D74-SDG	351.8	250	21	74	32	78	7	14	11.84
401-027-150-323-300	RBT50-FMH32-300-D74-SDG	401.8	300	21	74	32	78	7	14	13.34
401-027-150-323-350	RBT50-FMH32-350-D74-SDG	451.8	350	21	74	32	78	7	14	14.84
401-027-150-323-400	RBT50-FMH32-400-D74-SDG	501.8	400	21	74	32	78	7	14	16.32
401-027-150-323-450	RBT50-FMH32-450-D74-SDG	551.8	450	21	74	32	78	7	14	19.14
401-027-150-323-500	RBT50-FMH32-500-D74-SDG	601.8	500	21	74	32	78	7	14	20.64
401-027-150-323-550	RBT50-FMH32-550-D74-SDG	651.8	550	21	74	32	78	7	14	22.14
401-027-150-323-600	RBT50-FMH32-600-D74-SDG	701.8	600	21	74	32	78	7	14	23.84

Features:

- ▶ With configuration of hollow type tool body and dynamic vibration absorber, Silent Damping Genius "FMH-SDG Face Mill Arbor" can restrain the vibration from axial and radial directions efficiently.
- ▶ FMH-SDG Face Mill Arbor optimizes cutting speed, feed and improves workpiece surface finish, achieving high efficiency machining for long overhanging operations.



Reminder:

- ▶ The damping face mill arbor is designed to handle stepped milling operations instead of plunge milling.
- ▶ Internal coolant fluid or air should be applied during continuous operation to keep the machining temperature to be within 120°C.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Screw
P.X-64~65	P.X-73、77	P.X-78	P.X-113

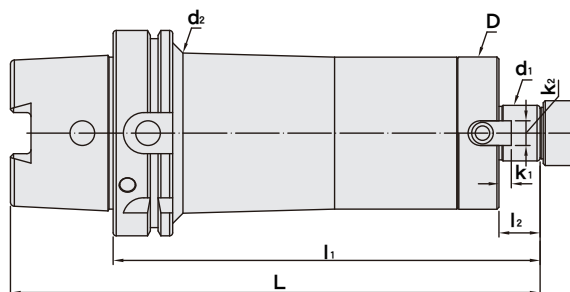


HSK / FMH-SDG FACE MILL ARBOR

HSK / FMH - SDG 寂靜抑震面銑刀桿



SDG
SILENT DAMPING GENIUS



MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	k ₁	k ₂	WEIGHT (KGS)
401-073-150-160-150	HSK-A63-FMH16-150-D38-SDG	182	150	17	38	16	38	5	8	2.17
401-073-150-160-200	HSK-A63-FMH16-200-D38-SDG	232	200	17	38	16	38	5	8	2.56
401-073-150-160-250	HSK-A63-FMH16-250-D38-SDG	282	250	17	38	16	38	5	8	2.95
401-073-150-160-300	HSK-A63-FMH16-300-D38-SDG	332	300	17	38	16	38	5	8	3.33
401-073-150-221-150	HSK-A63-FMH22-150-D48-SDG	182	150	19	48	22	48	5	10	2.88
401-073-150-221-200	HSK-A63-FMH22-200-D48-SDG	232	200	19	48	22	48	5	10	3.49
401-073-150-221-250	HSK-A63-FMH22-250-D48-SDG	282	250	19	48	22	48	5	10	4.12
401-073-150-221-300	HSK-A63-FMH22-300-D48-SDG	332	300	19	48	22	48	5	10	4.71
401-073-150-222-250	HSK-A63-FMH22-250-D58-SDG	282	250	19	58	22	58	5	10	5.47
401-073-150-222-300	HSK-A63-FMH22-300-D58-SDG	332	300	19	58	22	58	5	10	6.39
401-073-150-222-350	HSK-A63-FMH22-350-D58-SDG	382	350	19	58	22	58	5	10	7.34
401-075-150-160-200	HSK-A100-FMH16-200-D38-SDG	250	200	17	38	16	38	5	8	3.88
401-075-150-160-250	HSK-A100-FMH16-250-D38-SDG	300	250	17	38	16	38	5	8	4.27
401-075-150-160-300	HSK-A100-FMH16-300-D38-SDG	350	300	17	38	16	38	5	8	4.63
401-075-150-221-200	HSK-A100-FMH22-200-D48-SDG	250	200	19	48	22	48	5	10	4.75
401-075-150-221-250	HSK-A100-FMH22-250-D48-SDG	300	250	19	48	22	48	5	10	5.39
401-075-150-221-300	HSK-A100-FMH22-300-D48-SDG	350	300	19	48	22	48	5	10	6.03
401-075-150-221-350	HSK-A100-FMH22-350-D48-SDG	400	350	19	48	22	48	5	10	6.70
401-075-150-221-400	HSK-A100-FMH22-400-D48-SDG	450	400	19	48	22	48	5	10	7.65
401-075-150-222-250	HSK-A100-FMH22-250-D58-SDG	300	250	19	58	22	61	5	10	6.96
401-075-150-222-300	HSK-A100-FMH22-300-D58-SDG	350	300	19	58	22	61	5	10	7.86
401-075-150-222-350	HSK-A100-FMH22-350-D58-SDG	400	350	19	58	22	61	5	10	8.79
401-075-150-222-400	HSK-A100-FMH22-400-D58-SDG	450	400	19	58	22	61	5	10	10.31
401-075-150-222-450	HSK-A100-FMH22-450-D58-SDG	500	450	19	58	22	61	5	10	11.24
401-075-150-222-500	HSK-A100-FMH22-500-D58-SDG	550	500	19	58	22	61	5	10	12.17

Features:

- ▶ With configuration of hollow type tool body and dynamic vibration absorber, Silent Damping Genius "FMH-SDG Face Mill Arbor" can restrain the vibration from axial and radial directions efficiently.
- ▶ FMH-SDG Face Mill Arbor optimizes cutting speed, feed and improves workpiece surface finish, achieving high efficiency machining for long overhanging operations.



Reminder:

- ▶ The damping face mill arbor is designed to handle stepped milling operations instead of plunge milling.
- ▶ Internal coolant fluid or air should be applied during continuous operation to keep the machining temperature to be within 120°C.

Coolant Supply Unit	Key	Screw
P.X-70	P.X-70	P.X-113

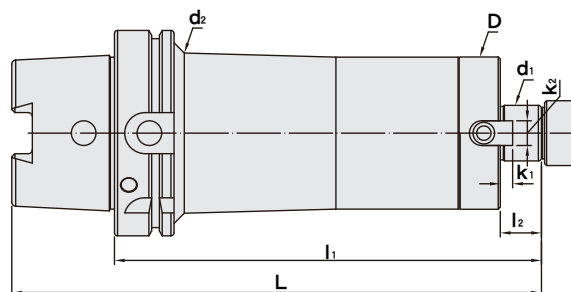


HSK / FMH-SDG FACE MILL ARBOR

HSK / FMH - SDG 寂靜抑震面銑刀桿



SDG
SILENT DAMPING GENIUS



MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	k ₁	k ₂	WEIGHT (KGS)
401-075-150-272-250	HSK-A100-FMH27-250-D58-SDG	300	250	20	58	27	61	6	12	6.99
401-075-150-272-300	HSK-A100-FMH27-300-D58-SDG	350	300	20	58	27	61	6	12	7.92
401-075-150-272-350	HSK-A100-FMH27-350-D58-SDG	400	350	20	58	27	61	6	12	8.85
401-075-150-272-400	HSK-A100-FMH27-400-D58-SDG	450	400	20	58	27	61	6	12	10.37
401-075-150-272-450	HSK-A100-FMH27-450-D58-SDG	500	450	20	58	27	61	6	12	11.30
401-075-150-272-500	HSK-A100-FMH27-500-D58-SDG	550	500	20	58	27	61	6	12	12.23
401-075-150-273-250	HSK-A100-FMH27-250-D74-SDG	300	250	20	74	27	78	6	12	10.86
401-075-150-273-300	HSK-A100-FMH27-300-D74-SDG	350	300	20	74	27	78	6	12	11.79
401-075-150-273-350	HSK-A100-FMH27-350-D74-SDG	400	350	20	74	27	78	6	12	13.29
401-075-150-273-400	HSK-A100-FMH27-400-D74-SDG	450	400	20	74	27	78	6	12	14.77
401-075-150-273-450	HSK-A100-FMH27-450-D74-SDG	500	450	20	74	27	78	6	12	17.59
401-075-150-273-500	HSK-A100-FMH27-500-D74-SDG	550	500	20	74	27	78	6	12	19.09
401-075-150-273-550	HSK-A100-FMH27-550-D74-SDG	600	550	20	74	27	78	6	12	20.62
401-075-150-273-600	HSK-A100-FMH27-600-D74-SDG	650	600	20	74	27	78	6	12	22.29
401-075-150-323-250	HSK-A100-FMH32-250-D74-SDG	300	250	21	74	32	78	7	14	10.41
401-075-150-323-300	HSK-A100-FMH32-300-D74-SDG	350	300	21	74	32	78	7	14	11.91
401-075-150-323-350	HSK-A100-FMH32-350-D74-SDG	400	350	21	74	32	78	7	14	13.41
401-075-150-323-400	HSK-A100-FMH32-400-D74-SDG	450	400	21	74	32	78	7	14	14.89
401-075-150-323-450	HSK-A100-FMH32-450-D74-SDG	500	450	21	74	32	78	7	14	17.71
401-075-150-323-500	HSK-A100-FMH32-500-D74-SDG	550	500	21	74	32	78	7	14	19.21
401-075-150-323-550	HSK-A100-FMH32-550-D74-SDG	600	550	21	74	32	78	7	14	20.71
401-075-150-323-600	HSK-A100-FMH32-600-D74-SDG	650	600	21	74	32	78	7	14	22.41

Features:

- ▶ With configuration of hollow type tool body and dynamic vibration absorber, Silent Damping Genius "FMH-SDG Face Mill Arbor" can restrain the vibration from axial and radial directions efficiently.
- ▶ FMH-SDG Face Mill Arbor optimizes cutting speed, feed and improves workpiece surface finish, achieving high efficiency machining for long overhanging operations.



Reminder:

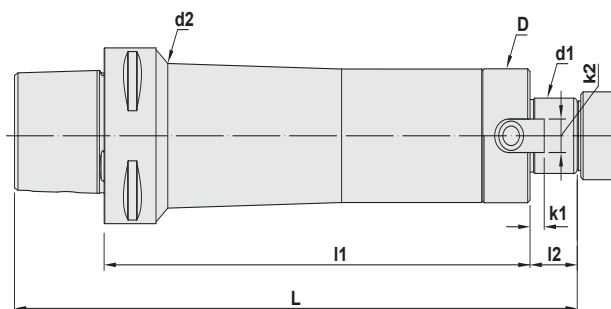
- ▶ The damping face mill arbor is designed to handle stepped milling operations instead of plunge milling.
- ▶ Internal coolant fluid or air should be applied during continuous operation to keep the machining temperature to be within 120°C.

Coolant Supply Unit	Key	Screw
		
P.X-70	P.X-70	P.X-113



PSC / FMH-SDG FACE MILL ARBOR

PSC / FMH - SDG 寂靜抑震面銑刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	k ₁	k ₂	WEIGHT (KGS)
401-141-150-160-160	PSC40-FMH16-160-D38-SDG	184	160	17	38	16	38	5	8	1.86
401-142-150-160-160	PSC50-FMH16-160-D38-SDG	190	160	17	38	16	38	5	8	2.02
401-142-150-221-200	PSC50-FMH22-200-D48-SDG	230	200	19	48	22	48	5	10	3.43
401-143-150-160-160	PSC63-FMH16-160-D38-SDG	198	160	17	38	16	38	5	8	2.33
401-143-150-221-200	PSC63-FMH22-200-D48-SDG	238	200	19	48	22	48	5	10	3.72
401-143-150-222-250	PSC63-FMH22-250-D58-SDG	288	250	19	58	22	58	5	10	5.46
401-143-150-272-250	PSC63-FMH27-250-D58-SDG	288	250	20	58	27	58	6	12	7.43
401-143-150-279-300	PSC80-FMH27-300-D78-SDG	348	300	20	78	27	78	6	12	12.54
401-143-150-329-300	PSC80-FMH32-300-D78-SDG	348	300	21	78	32	78	7	14	12.69
401-143-150-407-300	PSC80-FMH40-300-D88-SDG	348	300	22	88	40	88	8	16	17.06

Features:

- ▶ With configuration of hollow type tool body and dynamic vibration absorber, Silent Damping Genius "FMH-SDG Face Mill Arbor" can restrain the vibration from axial and radial directions efficiently.
- ▶ FMH-SDG Face Mill Arbor optimizes cutting speed, feed and improves workpiece surface finish, achieving high efficiency machining for long overhanging operations.



Reminder:

- ▶ The damping face mill arbor is designed to handle stepped milling operations instead of plunge milling.
- ▶ Internal coolant fluid or air should be applied during continuous operation to keep the machining temperature to be within 120°C.

Coolant Supply Unit	Key	Screw
		
P.X-70	P.X-70	P.X-113



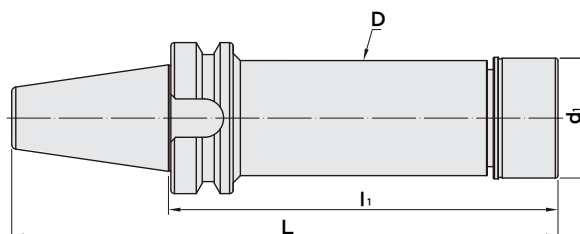
RBT / SPRO - SDG COLLET CHUCK



RBT / SPRO - SDG 法蘭加厚型寂靜抑震筒夾式刀桿



SDG
SILENT DAMPING GENIUS



MODEL NO.	TYPE	L	l ₁	D	d ₁	SIZE RANGE	WEIGHT (KGS)
401-026-S01-250-180	RBT40-SPRO25-180-D38-SDG	245.4	180	38	42	1 ~ 16	2.08
401-026-S01-250-230	RBT40-SPRO25-230-D38-SDG	295.4	230	38	42	1 ~ 16	2.48
401-026-S01-250-280	RBT40-SPRO25-280-D38-SDG	345.4	280	38	42	1 ~ 16	2.88
401-026-S01-250-330	RBT40-SPRO25-330-D38-SDG	395.4	330	38	42	1 ~ 16	3.26
401-026-S01-321-180	RBT40-SPRO32-180-D48-SDG	245.4	180	48	50	2 ~ 20	2.95
401-026-S01-321-230	RBT40-SPRO32-230-D48-SDG	295.4	230	48	50	2 ~ 20	3.55
401-026-S01-321-280	RBT40-SPRO32-280-D48-SDG	345.4	280	48	50	2 ~ 20	4.18
401-026-S01-321-330	RBT40-SPRO32-330-D48-SDG	395.4	330	48	50	2 ~ 20	4.78
401-027-S01-250-230	RBT50-SPRO25-230-D38-SDG	331.8	230	38	42	1 ~ 16	4.97
401-027-S01-250-280	RBT50-SPRO25-280-D38-SDG	381.8	280	38	42	1 ~ 16	5.37
401-027-S01-250-330	RBT50-SPRO25-330-D38-SDG	431.8	330	38	42	1 ~ 16	5.73
401-027-S01-321-230	RBT50-SPRO32-230-D48-SDG	331.8	230	48	50	2 ~ 20	5.98
401-027-S01-321-280	RBT50-SPRO32-280-D48-SDG	381.8	280	48	50	2 ~ 20	6.62
401-027-S01-321-330	RBT50-SPRO32-330-D48-SDG	431.8	330	48	50	2 ~ 20	7.28
401-027-S01-321-380	RBT50-SPRO32-380-D48-SDG	481.8	380	48	50	2 ~ 20	7.93
401-027-S01-321-430	RBT50-SPRO32-430-D48-SDG	531.8	430	48	50	2 ~ 20	8.78
401-027-S01-402-280	RBT50-SPRO40-280-D58-SDG	381.8	280	58	63	3 ~ 26	7.93
401-027-S01-402-330	RBT50-SPRO40-330-D58-SDG	431.8	330	58	63	3 ~ 26	8.83
401-027-S01-402-380	RBT50-SPRO40-380-D58-SDG	481.8	380	58	63	3 ~ 26	9.76
401-027-S01-402-430	RBT50-SPRO40-430-D58-SDG	531.8	430	58	63	3 ~ 26	10.66
401-027-S01-402-480	RBT50-SPRO40-480-D58-SDG	581.8	480	58	63	3 ~ 26	11.59
401-027-S01-402-530	RBT50-SPRO40-530-D58-SDG	631.8	530	58	63	3 ~ 26	12.52

Features:

- ▶ Superior interchangeability with ER collets.
- ▶ Used with PRO-E nut.

Standard Accessory: • NUT

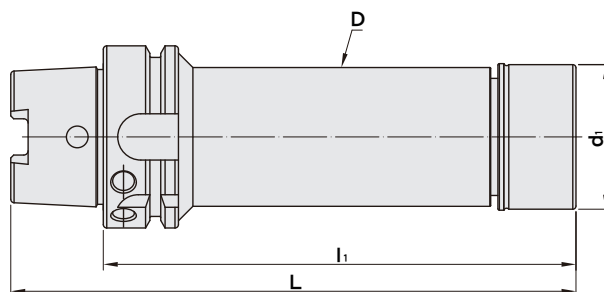
Collet	Nut	Pull Stud	Spigot Interchangeable Digital	Torque Wrench Adapter (Pull Stud)	Torque Wrench Adapter (Nut)	Spanner (Pull Stud)	Spanner
P.X-18~38	P.X-53	P.X-64~65	P.X-73	P.X-77	P.X-75	P.X-78	P.X-82



HSK / SPRO - SDG COLLET CHUCK



HSK / SPRO - SDG 寂靜抑震筒夾式刀桿



SDG
SILENT DAMPING GENIUS

MODEL NO.	TYPE	L	l ₁	D	d ₁	SIZE RANGE	WEIGHT (KGS)
401-073-S01-250-180	HSK-A63-SPRO25-180-D38-SDG	212	180	38	42	1 ~ 16	1.84
401-073-S01-250-230	HSK-A63-SPRO25-230-D38-SDG	262	230	38	42	1 ~ 16	2.24
401-073-S01-250-280	HSK-A63-SPRO25-280-D38-SDG	312	280	38	42	1 ~ 16	2.64
401-073-S01-250-330	HSK-A63-SPRO25-330-D38-SDG	362	330	38	42	1 ~ 16	3.01
401-073-S01-321-180	HSK-A63-SPRO32-180-D48-SDG	212	180	48	50	2 ~ 20	2.63
401-073-S01-321-230	HSK-A63-SPRO32-230-D48-SDG	262	230	48	50	2 ~ 20	3.23
401-073-S01-321-280	HSK-A63-SPRO32-280-D48-SDG	312	280	48	50	2 ~ 20	3.85
401-073-S01-321-330	HSK-A63-SPRO32-330-D48-SDG	362	330	48	50	2 ~ 20	4.47
401-075-S01-250-230	HSK-A100-SPRO25-230-D38-SDG	280	230	38	42	1 ~ 16	3.65
401-075-S01-250-280	HSK-A100-SPRO25-280-D38-SDG	330	280	38	42	1 ~ 16	4.05
401-075-S01-250-330	HSK-A100-SPRO25-330-D38-SDG	380	330	38	42	1 ~ 16	4.41
401-075-S01-321-230	HSK-A100-SPRO32-230-D48-SDG	280	230	48	50	2 ~ 20	4.61
401-075-S01-321-280	HSK-A100-SPRO32-280-D48-SDG	330	280	48	50	2 ~ 20	5.25
401-075-S01-321-330	HSK-A100-SPRO32-330-D48-SDG	380	330	48	50	2 ~ 20	5.88
401-075-S01-321-380	HSK-A100-SPRO32-380-D48-SDG	430	380	48	50	2 ~ 20	6.48
401-075-S01-321-430	HSK-A100-SPRO32-430-D48-SDG	480	430	48	50	2 ~ 20	7.15
401-075-S01-402-280	HSK-A100-SPRO40-280-D58-SDG	330	280	58	63	3 ~ 26	6.50
401-075-S01-402-330	HSK-A100-SPRO40-330-D58-SDG	380	330	58	63	3 ~ 26	7.40
401-075-S01-402-380	HSK-A100-SPRO40-380-D58-SDG	430	380	58	63	3 ~ 26	8.33
401-075-S01-402-430	HSK-A100-SPRO40-430-D58-SDG	480	430	58	63	3 ~ 26	9.23
401-075-S01-402-480	HSK-A100-SPRO40-480-D58-SDG	530	480	58	63	3 ~ 26	10.16
401-075-S01-402-530	HSK-A100-SPRO40-530-D58-SDG	580	530	58	63	3 ~ 26	11.09

Features:

- ▶ Superior interchangeability with ER collets.
- ▶ Used with PRO-E nut.

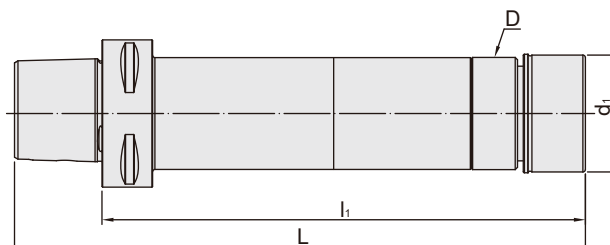
Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spigot Interchangeable Digital	Torque Wrench Adapter (Nut)	Spanner
P.X-18~38	P.X-53	P.X-70	P.X-70	P.X-73	P.X-75	P.X-82

PSC / SPRO - SDG COLLET CHUCK



PSC / SPRO - SDG 寂靜抑震筒夾式刀桿



SDG
SILENT DAMPING GENIUS

MODEL NO.	TYPE	L	l ₁	D	d ₁	SIZE RANGE	WEIGHT (KGS)
401-142-S01-025-190	PSC50-SPRO25-190-D38-SDG	220	190	38	42	1 ~ 16	1.99
401-142-S01-032-230	PSC50-SPRO32-230-D48-SDG	260	230	48	50	2 ~ 20	2.68
401-143-S01-025-190	PSC63-SPRO25-190-D38-SDG	228	190	38	42	1 ~ 16	2.15
401-143-S01-032-230	PSC63-SPRO32-230-D48-SDG	268	230	48	50	2 ~ 20	2.84
401-143-S01-040-280	PSC63-SPRO40-280-D58-SDG	318	280	58	63	3 ~ 26	4.48

Features:

- ▶ Superior interchangeability with ER collets.
- ▶ Used with PRO-E nut.

Standard Accessory: • NUT

Collet	Nut	Coolant Supply Unit	Key	Spigot Interchangeable Digital	Torque Wrench Adapter (Nut)	Spanner
P.X-18~38	P.X-53	P.X-70	P.X-70	P.X-73	P.X-75	P.X-82



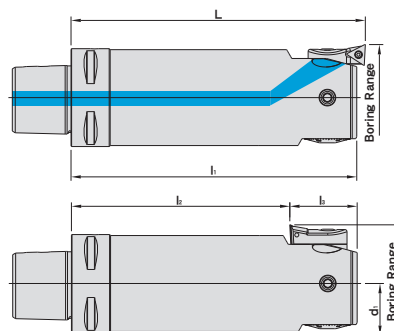
PSC / PMB DAMPING FINISH BORING HEAD

PSC / PMB 抑震精密微調搪頭

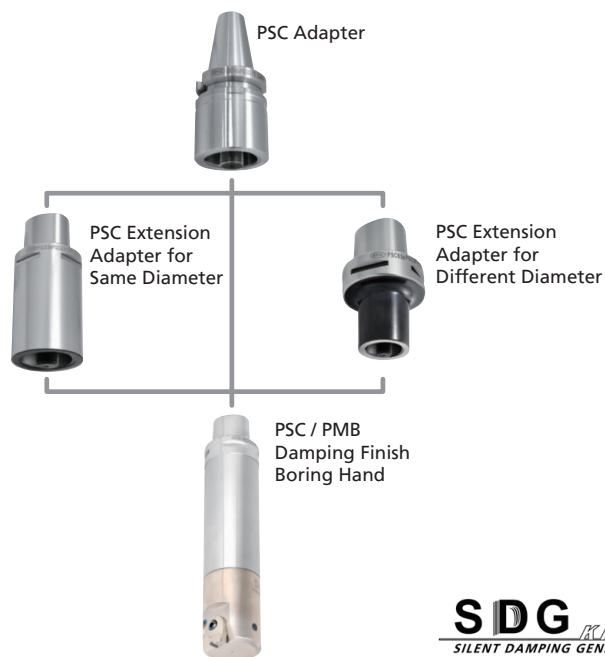


One-piece

SDG KDF
SILENT DAMPING GENIUS



MODEL NO.	TYPE	BORING AND PROCESSING AT FRONT			BORING AND PROCESSING AT BACK			
		BORING RANGE	L	l ₁	BORING RANGE	l ₂	l ₃	d ₁
5140-S24-032-115	PSC32 x PMB32DP - 115	32 ~ 42	115	110	-	90	25	16
		41 ~ 51	115	110	46 ~ 51	90	25	16
		50 ~ 60	115	110	50 ~ 60	90	25	16
5141-S24-041-125	PSC40 x PMB41DP - 125	41 ~ 54	125	121	-	96	29	20
		50 ~ 63	125	121	53 ~ 63	96	29	20
		61 ~ 74	125	121	61 ~ 74	96	29	20
5142-S24-053-150	PSC50 x PMB53DP - 150	53 ~ 70	150	146	62 ~ 70	116	34	25.5
		65 ~ 82	150	146	65 ~ 82	116	34	25.5
		78 ~ 95	150	146	78 ~ 95	116	34	25.5
5143-S24-068-190	PSC63 x PMB68DP - 190	68 ~ 100	190	186.2	80 ~ 100	114.8	45.2	32.5
		94 ~ 126	190	186.2	94 ~ 126	114.8	45.2	32.5
		118 ~ 150	190	186.2	118 ~ 150	114.8	45.2	32.5
5143-S24-100-190	PSC63 x PMB100DP - 190	100 ~ 153	190	186.2	112 ~ 153	114.8	45.2	45.5
		126 ~ 179	190	186.2	126 ~ 179	114.8	45.2	45.5
		150 ~ 203	190	186.2	150 ~ 203	114.8	45.2	45.5



SDG KDF
SILENT DAMPING GENIUS

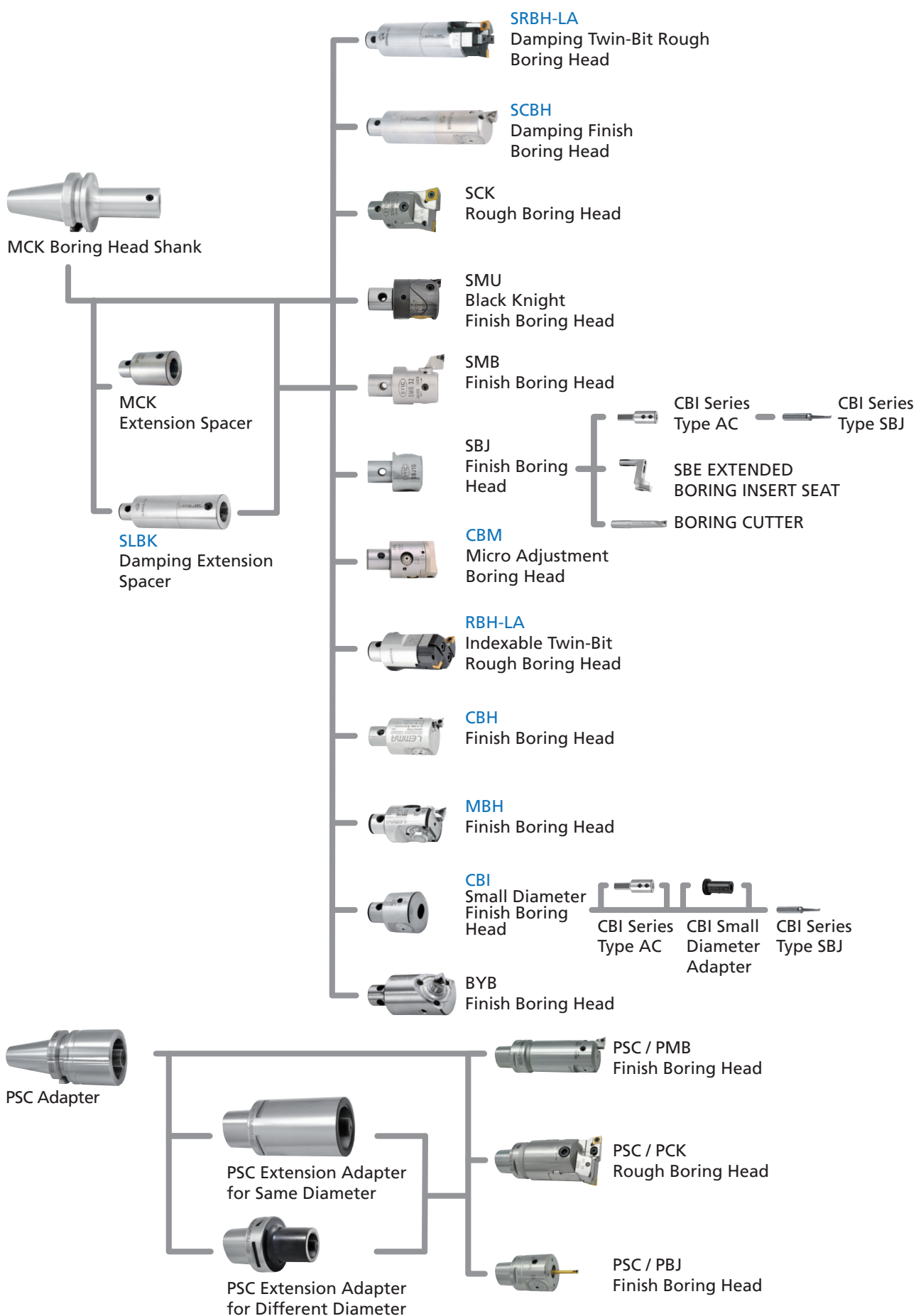
TYPES FOR INSERT SEAT:

TYPE	DRAWING	SUITABLE FINISH BORING HEAD	INSERT
SIC32 - 1 SIC32 - 2 SIC32 - 3		PMB32DP	TB06 / TP08
SIC41 - 1 SIC41 - 2 SIC41 - 3		PMB41DP	TP09 / TC11
SIC53 - 1 SIC53 - 2 SIC53 - 3		PMB53DP	TP09 / TC11
SIC68 - 1 SIC68 - 2 SIC68 - 3		PMB68DP	TP09 / TC11

STANDARD INSERT SEAT	OPTIONAL INSERT SEAT	
SIC32 - 1 φ 32 ~ φ 42	SIC32 - 2 φ 41 ~ φ 51	SIC32 - 3 φ 50 ~ φ 60

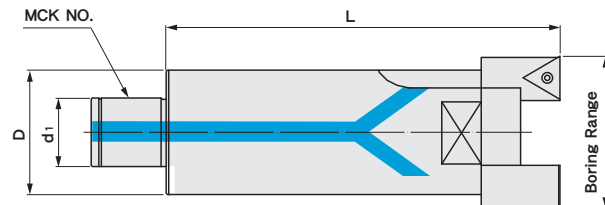
SIC32 - 1E SIC32 - 2E SIC32 - 3E		PMB32DP	TB06 / TP08
SIC41 - 1E SIC41 - 2E SIC41 - 3E		PMB41DP	TP09 / TC11
SIC53 - 1E SIC53 - 2E SIC53 - 3E		PMB53DP	TP09 / TC11
SIC68 - 1E SIC68 - 2E SIC68 - 3E		PMB68DP	TP09 / TC11

APPLICATION DIAGRAM



SRBH-LA DAMPING TWIN-BIT ROUGH BORING HEAD

SRBH-LA 抑震雙刃搪孔頭



MODEL NO.	TYPE	MCK NO.	BORING RANGE	L	D	d ₁	RANGE	WEIGHT (KGS)
405-008-025	SRBH25LA - 90	MCK2	25 ~ 35	90	24	14	CC..0602	0.22
405-008-032	SRBH32LA - 100	MCK3	32 ~ 45	100	31	18	CC..0602, TC..1102	0.39
405-008-040	SRBH40LA - 110	MCK4	40 ~ 55	110	39	22	CC..09T3, TC..16T3	0.71
405-008-052	SRBH52LA - 140	MCK5	52 ~ 75	140	50	28	CC..09T3, TC..16T3	1.27
405-008-068	SRBH68LA - 175	MCK6	68 ~ 100	175	64	36	CC..1204, TC..16T3	6.20

ACCESSORIES

INSERT	CLAMPING SCREW	WRENCH
CC..0602	M2.5-6.0-3.5-60	T8
CC..09T3	M4-10-5.7-60	T15
CC..1204	M5-11-7.5-60	T20
TC..1102	M2.5-6.0-3.5-60	T8
TC..16T3	M4-10-5.7-60	T15

Features:

- ▶ The integrated structure of damper and boring head, it can combined with MCK arbor, and get wider effective length and better surface accuracy.
- ▶ With many specifications from $\phi 25 \sim \phi 100$, all with the function of coolant through spindle.
- ▶ Use bilateral symmetry joint to enforce anti-vibration effect.
- ▶ 4D~8D deep machining has the best effect.
- ▶ Compare "the SRBH-LA dampened boring head" and "the SLBK dampened extension combined with RBH-LA boring head", the SRBH-LA can use in higher cutting feed rate to get better machining efficiency.

Product information:

- ▶ Inserts are optional accessories. Needs to be purchased additionally.

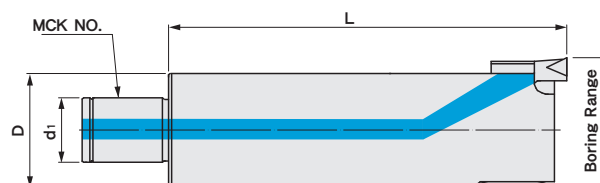


SCBH DAMPING FINISH BORING HEAD

SCBH 抑震精密微調搪孔頭



SDG *KDE*
SILENT DAMPING GENIUS



MODEL NO.	TYPE	MCK NO.	BORING RANGE	L	D	d ₁	RANGE	WEIGHT (KGS)
405-009-020	SCBH20 - 90	MCK1	20 ~ 26	90	19	11	TP..08	0.22
405-009-025	SCBH25 - 90	MCK2	25 ~ 33	90	24	14	TP..08	0.39
405-009-032	SCBH32 - 100	MCK3	32 ~ 42	100	31	18	TP..08	0.71
405-009-040	SCBH40 - 110	MCK4	40 ~ 55	110	39	22	TP..08	1.27
405-009-052	SCBH52 - 140	MCK5	52 ~ 75	140	50	28	TP..08	2.72
405-009-068	SCBH68 - 175	MCK6	68 ~ 102	175	64	36	TP..08, TP..09, TC..11	5.70

ACCESSORIES

INSERT	CLAMPING SCREW	WRENCH
TP..08	M2-5.0-2.7-60	T6
TP..09	M2.5-6.0-3.5-60	T8
TC..1102	M2.5-6.0-3.5-60	T8

Features:

- ▶ The integrated structure of damper and boring head, it can combined with MCK arbor, and get wider effective length and better surface accuracy.
- ▶ With many specifications from $\phi 25 \sim \phi 100$, all with the function of coolant through spindle.
- ▶ Use bilateral symmetry joint to enforce anti-vibration effect.
- ▶ 4D~8D deep machining has the best effect.
- ▶ Compare "the SRBH-LA dampened boring head" and "the SLBK dampened extension combined with RBH-LA boring head", the SRBH-LA can use in higher cutting feed rate to get better machining efficiency.

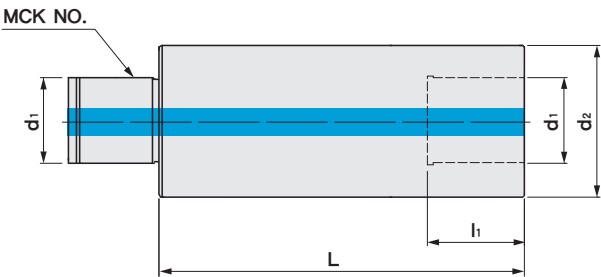
Product information:

- ▶ Inserts are optional accessories. Needs to be purchased additionally.



SLBK DAMPING EXTENSION SPACER

SLBK 抑震延長桿



MODEL NO.	TYPE	MCK NO.	L	L ₁	d ₁	d ₂	WEIGHT (KGS)
405-006-002-000	SLBK2 - 2 - 75	MCK2	75	18	14	24	0.33
405-006-003-000	SLBK3 - 3 - 100	MCK3	100	22	18	31	0.62
405-006-004-000	SLBK4 - 4 - 110	MCK4	110	26	22	39	1.11
405-006-005-000	SLBK5 - 5 - 130	MCK5	130	32	28	50	2.30
405-006-006-000	SLBK6 - 6 - 170	MCK6	170	42	36	64	5.10

Features:

- ▶ The integrated structure of damper and boring head, it can combined with MCK arbor, and get wider effective length and better surface accuracy.
- ▶ With many specifications from LBK2~LBK6, all with the function of coolant through spindle.
- ▶ Use bilateral symmetry joint to enforce anti-vibration effect.
- ▶ 4D~7D deep machining has the best effect.



BT / SLBK DAMPING BORING HEAD SHANK

BT / SLBK 抑震搪孔刀桿



SDG KDF
SILENT DAMPING GENIUS

Fig.1

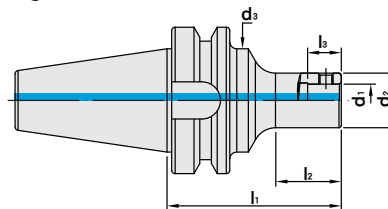
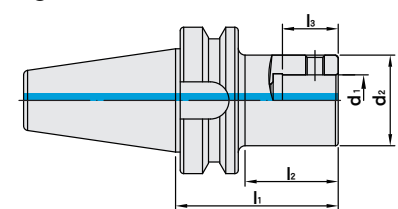


Fig.2



MODEL NO.	TYPE	l_1	l_2	l_3	d_1	d_2	d_3	Fig	WEIGHT (KGS)
5011-808-002-150	BT40 x SLBK2 - 150	150	110	18	14	24	39	1	1.45
5011-808-002-175	BT40 x SLBK2 - 175	175	135	18	14	24	39	1	1.51
5011-808-002-200	BT40 x SLBK2 - 200	200	160	18	14	24	39	1	1.56
5011-808-003-200	BT40 x SLBK3 - 200	200	160	22	18	31	50	1	2.21
5011-808-003-230	BT40 x SLBK3 - 230	230	190	22	18	31	50	1	2.34
5011-808-003-260	BT40 x SLBK3 - 260	260	220	22	18	31	50	1	2.47
5011-808-004-235	BT40 x SLBK4 - 235	235	200	26	22	39	50	1	3.12
5011-808-004-275	BT40 x SLBK4 - 275	275	240	26	22	39	50	1	3.42
5011-808-004-315	BT40 x SLBK4 - 315	315	280	26	22	39	50	1	3.71
5011-808-005-310	BT40 x SLBK5 - 310	310	280	32	28	50	-	2	6.30
5011-808-006-295	BT40 x SLBK6 - 295	295	270	42	36	64	-	2	8.71
5012-808-002-160	BT50 x SLBK2 - 160	160	110	18	14	24	39	1	4.09
5012-808-002-185	BT50 x SLBK2 - 185	185	135	18	14	24	39	1	4.15
5012-808-002-210	BT50 x SLBK2 - 210	210	160	18	14	24	39	1	4.21
5012-808-003-220	BT50 x SLBK3 - 220	220	160	22	18	31	50	1	4.97
5012-808-003-250	BT50 x SLBK3 - 250	250	190	22	18	31	50	1	5.15
5012-808-003-280	BT50 x SLBK3 - 280	280	220	22	18	31	50	1	5.33
5012-808-004-260	BT50 x SLBK4 - 260	260	205	26	22	39	64	1	6.00
5012-808-004-300	BT50 x SLBK4 - 300	300	245	26	22	39	64	1	6.24
5012-808-004-340	BT50 x SLBK4 - 340	340	285	26	22	39	64	1	6.48
5012-808-005-310	BT50 x SLBK5 - 310	310	265	32	28	50	64	1	8.74
5012-808-005-355	BT50 x SLBK5 - 355	355	310	32	28	50	64	1	9.39
5012-808-005-400	BT50 x SLBK5 - 400	400	355	32	28	50	64	1	10.04
5012-808-006-375	BT50 x SLBK6 - 375	375	330	42	36	64	-	2	14.28
5012-808-006-440	BT50 x SLBK6 - 440	440	395	42	36	64	-	2	15.11
5012-808-006-505	BT50 x SLBK6 - 505	505	460	42	36	64	-	2	15.96

Features:

- ▶ The best efficiency will be reflected by machining with 4D~8D.
- ▶ Center through coolant supply is available.
- ▶ The bilateral symmetry joint allows for almost zero vibration.



MEMO



MEMO

