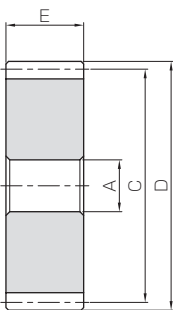


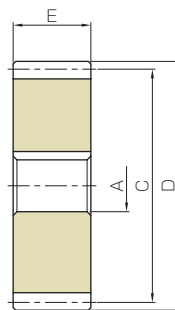


Specifications	
Precision grade	JIS grade N8 (JIS B1702-1: 1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat Treatment	—
Tooth hardness	(less than 194HB)
Surface treatment	Black oxide coating

* The precision grade of J Series products is equivalent to the value shown in the table.



S5



S5K



To order Hardened Plus, please specify Catalog No. + H.

Catalog Number	No. of teeth	Shape	Bore	Pitch dia.	Outside dia.	Face width	Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)
			A _{H7}	C	D	E	Bending strength	Surface durability	Bending strength	Surface durability		
SSA3-15	15	S5	12	45	51	30	99.7	5.22	10.2	0.53	0.14~0.32	0.35
SSA3-18	18			54	60		133	7.87	13.5	0.80		0.51
SSA3-20	20		15	60	66		155	9.95	15.8	1.02		0.62
SSA3-24	24			72	78		202	14.9	20.6	1.52	0.18~0.38	0.92
SSA3-25	25			75	81		214	16.3	21.8	1.66		1.00
SSA3-28	28	S5	20	84	90	30	250	20.7	25.4	2.11		1.23
SSA3-30	30			90	96		274	24.0	27.9	2.44		1.42
SSA3-32	32			96	102		298	27.4	30.4	2.80		1.63
SSA3-35	35		25	105	111		335	33.1	34.2	3.38	0.20~0.44	1.97
SSA3-36	36			108	114		348	35.2	35.5	3.59		2.08
SSA3-40	40	S5	25	120	126		398	44.0	40.6	4.49		2.55
SSA3-45	45			135	141		461	56.6	47.0	5.78		3.26
SSA3-48	48			144	150		500	65.0	50.9	6.63		3.72
SSA3-50	50		25	150	156		525	70.9	53.6	7.23		4.05
SSA3-55	55			165	171		590	86.9	60.1	8.86		4.92
SSA3-56	56	S5	25	168	174		602	90.3	61.4	9.21	0.20~0.44	5.10
SSA3-60	60			180	186		654	105	66.7	10.7		5.88
SSA3-70	70			210	216		654	121	66.6	12.4		8.04
SSA3-80	80		25	240	246		763	162	77.8	16.5		10.5

- [Caution on Product Characteristics]
- ① The allowable torques shown in the table are calculated values according to the assumed usage conditions. Please see Page 24 for more details.
 - ② The backlash values shown in the table are the theoretical values for the backlash in the normal direction of a pair of identical gears in mesh.

- [Caution on Secondary Operations]
- ① Please read "Cautions on Performing Secondary Operations" (Page 26) when performing modifications and/or secondary operations for safety concerns.
KHK Quick-Mod Gears, the KHK system for quick modification of KHK stock gears, is also available.
 - ② Avoid performing secondary operations that narrow the tooth width, as it affects precision and strength.

To order J Series products, please specify: Catalog No. + J + BORE.

Bore H7	* The product shapes of J Series items are identified by background color.																		
Keyway Js9	12	14	15	16	17	18	19	20	22	25	28	30	32	35	40	45	50		
Screw size	4×1.8	5×2.3				6×2.8				8×3.3				10×3.3		12×3.3	14×3.8		
Catalog Number	—																		
SSA3-15 J BORE	S5K	S5K	S5K	S5K	S5K	S5K													
SSA3-18 J BORE	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K										
SSA3-20 J BORE			S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K									
SSA3-24 J BORE			S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K							
SSA3-25 J BORE			S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K							
SSA3-28 J BORE								S5K	S5K	S5K	S5K	S5K	S5K	S5K					
SSA3-30 J BORE								S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K				
SSA3-32 J BORE								S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K				
SSA3-35 J BORE								S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K			
SSA3-36 J BORE								S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		
SSA3-40 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		
SSA3-45 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		
SSA3-48 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		
SSA3-50 J BORE										S5K	S5K	S5K	S5K	S5K	S5K				
SSA3-55 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K			
SSA3-56 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K			
SSA3-60 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		
SSA3-70 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		
SSA3-80 J BORE										S5K	S5K	S5K	S5K	S5K	S5K	S5K	S5K		

- [Caution on J series]
- ① As available-on-request products, these require a lead-time for shipping within 2 working days (excludes the day ordered), after placing an order.
 - ② Number of products we can process for one order is 1 to 20 units. For quantities of 21 or more pieces, we need to quote price and lead time.
 - ③ Keyways are made according to JIS B1301 standards, Js9 tolerance.
 - ④ Black oxide is not re-applied after hole and key secondary operations.