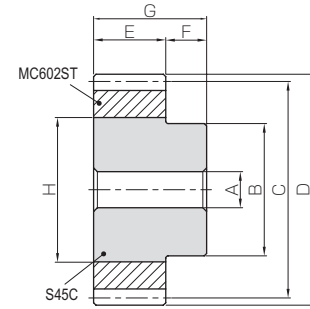




Specifications	
Precision grade	JIS grade N9 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	MC602ST with S45C core
Heat Treatment	—
Tooth hardness	(115 to 120HRR)

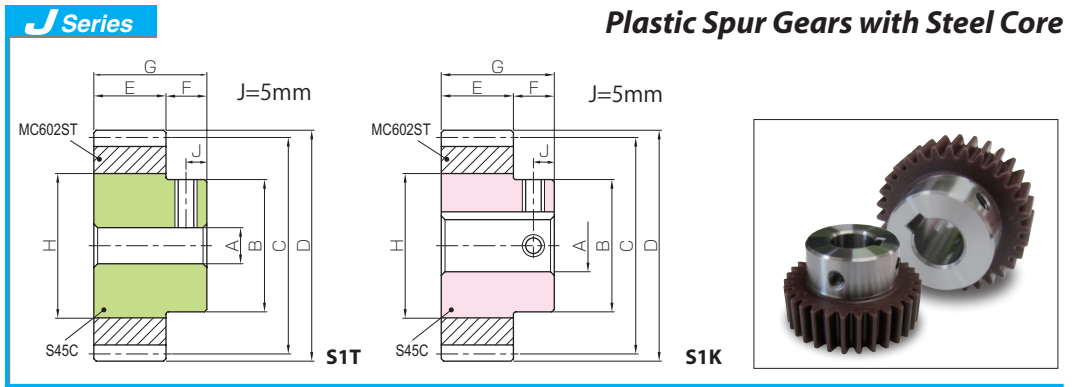
* The precision grade of J Series products is equivalent to the value shown in the table.



S1

Catalog Number	No. of teeth	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total Length	Core O.D.	Allowable torque (N·m)		Backlash (mm)	Weight (kg)	
			A _{H7}	B	C	D	E	F	G	H	Bending strength	Bending strength			
KNSU1-30	30	S1	8	20	30	32	10	10	20	20	1.23	0.13	0~0.34	0.046	
KNSU1-32	32			22	32	34				22	0.14				
KNSU1-34	34			25	34	36				25	0.15				
KNSU1-35	35			25	35	37				25	0.15				
KNSU1-36	36			25	36	38				25	0.16				
KNSU1-40	40		10	40	25	40	42	15	12	27	28	1.78	0.18	0~0.36	0.082
KNSU1-45	45				30	45	47				34	0.21			
KNSU1-48	48				30	48	50				34	0.23			
KNSU1-50	50				30	50	52				34	0.24			
KNSU1-60	60				40	60	62				45	0.30			
KNSU1-70	70	S1	40	70	72	72	15	12	27	45	3.46	0.35	0~0.40	0.24	
KNSU1-80	80			80	82	82				45	4.00	0.41			
KNSU1-90	90			90	92	92				55	4.56	0.46			
KNSU1-100	100			100	102	102				65	5.12	0.52			
KNSU1.5-28	28			S1	10	30				42	45	15			12
KNSU1.5-30	30	45	48				30	4.15	0.42						
KNSU1.5-32	32	48	51			33	4.51	0.46							
KNSU1.5-34	34	33	51			54	33	4.88	0.50						
KNSU1.5-35	35		52.5			55.5	36	5.07	0.52						
KNSU1.5-36	36	40	50		54	57	57	15	12	27	36	5.26	0.54	0~0.40	0.21
KNSU1.5-40	40				60	63	45				6.00	0.61			
KNSU1.5-45	45				67.5	70.5	45				6.94	0.71			
KNSU1.5-48	48				72	75	45				7.53	0.77			
KNSU1.5-50	50				75	78	45				7.92	0.81			
KNSU1.5-56	56	12	60	84	87	87	15	12	27	55	9.09	0.93	0~0.42	0.50	
KNSU1.5-60	60			90	93	55				9.89	1.01				
KNSU1.5-68	68			102	105	67				11.3	1.15				
KNSU1.5-70	70			105	108	70				11.7	1.19				
KNSU1.5-80	80			120	123	85				13.5	1.38				
KNSU1.5-90	90	135	138	100	15.4	1.57									
KNSU2-20	20	S1	10	22	40	44	20	14	34	22	5.89	0.60	0~0.42	0.10	
KNSU2-22	22				44	48				30	6.66	0.68			
KNSU2-24	24			30	48	52				30	7.43	0.76			
KNSU2-25	25			50	54	30				7.85	0.80				
KNSU2-28	28			35	56	60				35	9.05	0.92			
KNSU2-30	30		60		64	35	9.84	1.00							
KNSU2-32	32		12	40	64	68	68	20	14	34	40	10.7	1.09	0~0.44	0.28
KNSU2-34	34				68	72	45				11.6	1.18			
KNSU2-35	35				70	74	45				12.0	1.22			
KNSU2-36	36				72	76	45				12.5	1.27			
KNSU2-40	40	15			55	80	84				84	20	14		
KNSU2-44	44		88	92		60	16.0	1.63							
KNSU2-45	45		90	94		60	16.5	1.68							
KNSU2-48	48		96	100		65	17.8	1.82							
KNSU2-50	50		100	104		65	18.8	1.92							
KNSU2-56	56	60	60	112	116	116	20	14	34	65	21.5	2.20	0~0.46	0.95	
KNSU2-60	60			120	124	85				23.5	2.39				
KNSU2-68	68			136	140	100				26.8	2.74				
KNSU2-70	70			140	144	105				27.7	2.82				
KNSU2-80	80			160	164	125				32.0	3.27				

* Please see the next page for Cautions on Product Characteristics, Cautions on Performing Secondary Operations and Caution on J Series.



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		8	10	12	14	15	16	17	18	19	20	22	25	28	30	32	35
Screw size		4x1.8			5x2.3				6x2.8				8x3.3			10 X 3.3	
Catalog Number		M5			M4				M5				M6			M8	
KNSU1-30 J BORE	S1T																
KNSU1-32 J BORE	S1T	S1K															
KNSU1-34 J BORE	S1T	S1K	S1K														
KNSU1-35 J BORE	S1T	S1K	S1K														
KNSU1-36 J BORE	S1T	S1K	S1K														
KNSU1-40 J BORE		S1K	S1K														
KNSU1-45 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1-48 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1-50 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1-60 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1-70 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1-80 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1-90 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1-100 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1.5-28 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1.5-30 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1.5-32 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1.5-34 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1.5-35 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1.5-36 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU1.5-40 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1.5-45 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1.5-48 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1.5-50 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU1.5-56 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KNSU1.5-60 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KNSU1.5-68 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KNSU1.5-70 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KNSU1.5-80 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KNSU1.5-90 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KNSU2-20 J BORE		S1K															
KNSU2-22 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU2-24 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU2-25 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
KNSU2-28 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
KNSU2-30 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
KNSU2-32 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU2-34 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU2-35 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU2-36 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
KNSU2-40 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KNSU2-44 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KNSU2-45 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
KNSU2-48 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
KNSU2-50 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KNSU2-56 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KNSU2-60 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KNSU2-68 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KNSU2-70 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
KNSU2-80 J BORE					S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	

Spur Gears
Helical Gears
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Bevel Gearboxes
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