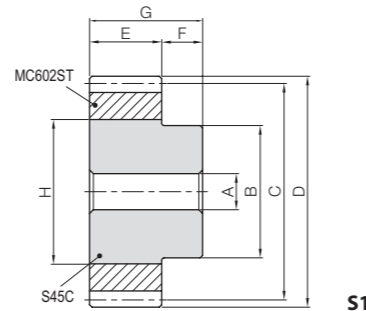


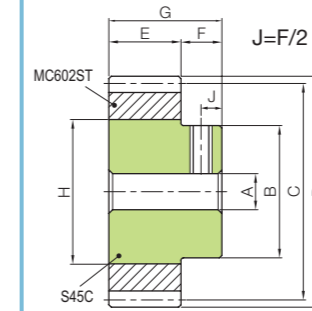
Specifications	
Precision grade	JIS grade N9 (JIS B1702-1: 1998)*
Gear teeth	Standard full depth
Pressure angle	20°
Material	MC602ST with S45C core
Heat Treatment	—
Tooth hardness	(115 to 120HRR)

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

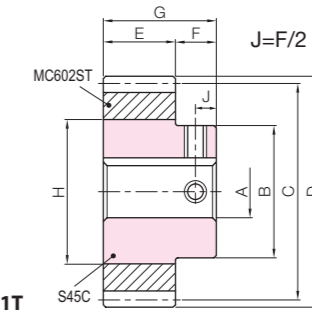


S1

J Series



S1T



S1K



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

Catalog Number	No. of teeth	Shape	Bore		Pitch dia.	Outside dia.	Face width	Hub width	Total length	Core O.D.	Allowable torque (N·m)		Backlash (mm)	Weight (kg)										
			A _{H7}	B							Bending strength	Bending strength												
NSU1-30	30	S1	8	20	30	32	10	10	20	20	1.23	0.13	0~0.34	0.046										
NSU1-32	32			22	32	34					1.34	0.14												
NSU1-35	35			25	35	37					1.50	0.15												
NSU1-36	36			25	36	38					1.56	0.16												
NSU1-40	40			25	40	42					1.78	0.18												
NSU1-45	45		10	40	30	45					47	34			2.06	0.21	45	2.06	0.21	0~0.36	0.12			
NSU1-48	48				30	48					50	2.23			0.23									
NSU1-50	50				30	50					52	2.35			0.24									
NSU1-60	60				40	60					62	2.93			0.30									
NSU1-70	70				40	70					72	3.46			0.35									
NSU1-80	80	S1	40	80	82	82	45	4.00	0.41	55	4.00	0.41	0~0.38	0.25										
NSU1-90	90			90	92	92	4.56	0.46																
NSU1-100	100			100	102	102	5.12	0.52																
NSU1.5-28	28			10	33	42	45	45	30		3.82	0.39			36	3.82	0.39	0~0.40	0.15					
NSU1.5-30	30					45	48	48	4.15		0.42													
NSU1.5-32	32					48	51	51	4.51		0.46													
NSU1.5-35	35					52.5	55.5	55.5	5.07		0.52													
NSU1.5-36	36					54	57	57	5.26		0.54													
NSU1.5-40	40					40	67.5	60	63		63	45				6.00	0.61			55	6.00	0.61	0~0.42	0.31
NSU1.5-45	45							67.5	70.5		70.5	6.94				0.71								
NSU1.5-48	48	72	75					75	7.53	0.77														
NSU1.5-50	50	75	78					78	7.92	0.81														
NSU1.5-56	56	84	87					87	9.09	0.93														
NSU1.5-60	60	12	50	90	93	93	55	9.89	1.01	70	9.89	1.01	0~0.44	0.51										
NSU1.5-70	70			105	108	108	11.7	1.19																
NSU1.5-80	80			120	123	123	13.5	1.38																
NSU1.5-90	90			135	138	138	15.4	1.57																
NSU2-20	20			S1	10	22	40	44	22		5.89	0.60			30	5.89	0.60	0~0.46	0.10					
NSU2-22	22	44	48			48	6.66	0.68																
NSU2-24	24	30	48			52	7.43	0.76																
NSU2-25	25	50	54			54	7.85	0.80																
NSU2-28	28	56	60			60	9.05	0.92																
NSU2-30	30	12	40		60	64	64	35	9.84	1.00	45	9.84	1.00	0~0.46	0.28									
NSU2-32	32				64	68	68	10.7	1.09															
NSU2-35	35				70	74	74	12.0	1.22															
NSU2-36	36				72	76	76	12.5	1.27															
NSU2-40	40				80	84	84	14.2	1.45															
NSU2-44	44	15	55	88	92	92	60	16.0	1.63	65	16.0	1.63	0~0.46	0.74										
NSU2-45	45			90	94	94	16.5	1.68																
NSU2-48	48			96	100	100	17.8	1.82																
NSU2-50	50			100	104	104	18.8	1.92																
NSU2-56	56			112	116	116	21.5	2.20																
NSU2-60	60			120	124	124	23.5	2.39																
NSU2-70	70			140	144	144	27.7	2.82																
NSU2-80	80			160	164	164	32.0	3.27																

Bore H7	* The product shapes of J Series items are identified by background color.																
	8	10	12	14	15	16	17	18	19	20	22	25	28	30	32	35	
Keyway J _{S9}	4x1.8		5x2.3				6x2.8				8x3.3		10 X 3.3				
Screw size	M5				M4				M5				M6		M8		
Catalog Number	M5	M4				M5				M6		M8					
NSU1-30 J BORE	S1T																
NSU1-32 J BORE	S1T	S1K															
NSU1-35 J BORE	S1T	S1K	S1K														
NSU1-36 J BORE	S1T	S1K	S1K														
NSU1-40 J BORE		S1K	S1K														
NSU1-45 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1-48 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1-50 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1-60 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
NSU1-70 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
NSU1-80 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
NSU1-90 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
NSU1-100 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
NSU1.5-28 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1.5-30 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1.5-32 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1.5-35 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1.5-36 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU1.5-40 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
NSU1.5-45 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
NSU1.5-48 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
NSU1.5-50 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K				
NSU1.5-56 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K			
NSU1.5-60 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
NSU1.5-70 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
NSU1.5-80 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
NSU1.5-90 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
NSU2-20 J BORE		S1K															
NSU2-22 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU2-24 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU2-25 J BORE		S1K	S1K	S1K	S1K	S1K	S1K										
NSU2-28 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
NSU2-30 J BORE		S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K								
NSU2-32 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K						
NSU2-35 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
NSU2-36 J BORE			S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K					
NSU2-40 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
NSU2-44 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
NSU2-45 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K		
NSU2-48 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
NSU2-50 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
NSU2-56 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
NSU2-60 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
NSU2-70 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	
NSU2-80 J BORE				S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	S1K	



