

# SPLINE-TYPE TORQUE MULTIPLIERS



**IST-ST2000**

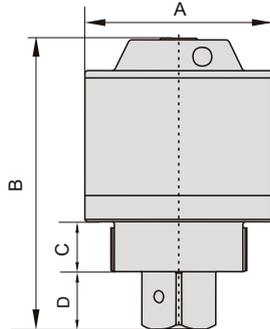


plate type

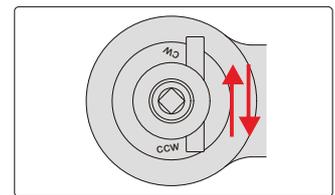


bevel type

- High efficiency gear set with small input torque and large output torque
- Can be installed directly on the workpieces or through different options to form different installation types



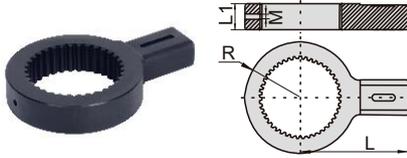
application



after tightening, toggle the anti-bounce reversing dowel, turn the wrench in the anticlockwise direction, then remove the wrench from torque multiplier

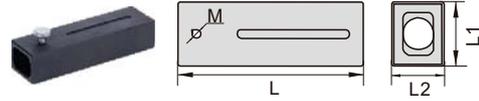
## SPECIFICATION

Part No.	Type	Capacity	Accuracy	Torque ratio	Square socket	Square driver	Dimension (A×B×C×D)	For bolt	For nut	Weight		
IST-ST2000	plate	1475ft.lb	±5%	1:13.3	1/2"	1"	3.23x5.31x.71x1.02"	7/8~1-3/8"	1-7/16~2-3/16"	7.05lb		
	bevel			1:12								
IST-ST3500	plate	2582ft.lb		1:16	1/2"	1"		3.86x5.91x.98x1.02"	1-1/4~1-3/4"	2~2-3/4"	10.58lb	
	bevel			1:15								
IST-ST5500	plate	4057ft.lb		1:21.5	1/2"	1 1/2"			4.53x7.09x1.14x1.54"	1-1/2~2"	2-3/8~3-1/8"	17.20lb
	bevel			1:18.5								
IST-ST7500	plate	5532ft.lb	1:24	1/2"	1 1/2"	5.00x7.80x1.34x1.54"	1-5/8~2-1/2"			2-9/16~3-7/8"	23.81lb	
	bevel		1:20									



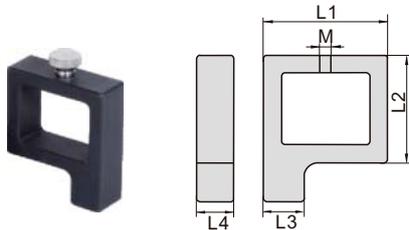
### CONNECTION SPLINE (optional)

Code	Dimension			
	R	L	L1	M
	(in)			(mm)
IST-ST2000-C1	1.61	3.07	.71	5
IST-ST3500-C2	1.93	3.74	.91	5
IST-ST5500-C3	2.28	4.41	1.12	6
IST-ST7500-C4	2.50	4.86	1.14	6



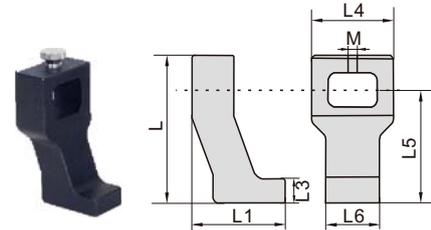
### PLATE REACTION ARM (optional)

Code	Dimension			
	L	L1	L2	M
	(in)			(mm)
IST-ST2000-P1	4.72	1.50	1.00	4
IST-ST3500-P2	5.71	1.65	1.26	5
IST-ST5500-P3	5.91	2.09	1.77	6
IST-ST7500-P4	6.89	2.36	1.93	8



### REACTION BLOCK (optional)

Code	Dimension					
	L	L1	L2	L3	L4	M
	(in)					(mm)
IST-ST2000-R1	2.11	2.05	1.56	.59	.71	4
IST-ST3500-R2	2.60	2.28	1.89	.71	.79	5
IST-ST5500-R3	3.72	2.87	2.56	.87	.98	6
IST-ST7500-R4	3.86	3.27	2.83	1.10	.98	8



### BEVEL REACTION ARM (optional)

Code	Dimension							
	L	L1	L2	L3	L4	L5	L6	M
	(in)							(mm)
IST-ST2000-B1	3.35	2.01	.71	.55	1.73	2.36	.98	4
IST-ST3500-B2	3.44	2.05	.79	.59	1.97	2.64	1.18	5
IST-ST5500-B3	4.33	2.76	1.18	.63	2.32	3.39	1.38	6
IST-ST7500-B4	4.84	3.07	1.38	.79	2.68	3.70	1.77	6