

Screws

GRADES	INSERTS	CBN & PCD	TURNING	BORING	GROOVING	CUT-OFF	THREADING	SOLID END MILLS	MILLING	SPARE PARTS	TECHNICAL	INDEX	Insert	Part Number	Dimension (mm)						Angle (°)		Torque (N • m)	Remarks			
															A	B	C	D	E	F	α	θ					
A	B	C	E	F	G	H	J	L	M	P	R	T		HH 5X16	M5X0.8	16.0	8.5	5.0	4.0	-	-	-	-	-	-		
														HH 5X25	M5X0.8	25.0	8.5	5.0	4.0	-	-	-					
B	C	E	F	G	H	J	L	M	P	R	T		HS 3X4P	M3X0.5	3.9	-	-	1.5	-	-	-	1.0	HS4X4P and HS6X4P have a flat edge Shim screw equivalent to JIS B-1101				
													HS 4X4P	M4X0.7	3.9	-	-	2.0	-	-	-	2.0					
													HS 6X4P	M6X0.75	3.9	-	-	3.0	-	-	-	4.0					
HS 3X4	M3X0.5	4.0	-	-	1.5	-	-	-	1.0																		
C	D	E	F	G	H	J	L	M	P	R	T		HSB 4X8%	M4X0.7	8.0	R2.0	-	2.0	-	-	2.0	R...shows Right-hand Thread L...shows Left-hand Thread					
E	F	G	H	J	L	M	P	R	T		LS -1N	M6X1.0	17.0	6.0	-	2.5	2.5	-	-	3.0	N:Silver coated						
											LS -2N	M8X1.0	20.0	8.0	-	3.0	3.0	-	-	4.0							
F	G	H	J	L	M	P	R	T		SB -1TR	M2X0.4	5.3	3.8	-	-	T6	-	82°	0.5	R...shows Right-hand Thread							
										SB -2TR	M2.5X0.45	6.2	4.5	-	-	T8	-	82°	1.2								
										SB -3.5TR	M3.5X0.6	9.3	5.6	-	-	T15	-	82°	3.5								
										SB -5TR	M5X0.8	20.0	8.7	-	-	T20	-	90°	4.5								
										SB -5090TR	M5X0.8	9.0	6.8	-	-	T20	-	60°	4.5								
G	H	J	L	M	P	R	T		SB -1635TR	M1.6X0.35	3.3	2.6	-	-	T6	-	60°	0.5	R...shows Right-hand Thread ○○IP shows Torx Plus								
									SB -1STR	M2X0.4	5.0	3.1	-	-	T6	-	60°	0.5									
									SB -2035TR	M2X0.4	3.7	3.0	-	-	T6	-	60°	0.5									
									SB -2035TRG	M2X0.4	3.5	2.7	-	-	T6	-	60°	0.5									
									SB -2040TR	M2X0.4	3.8	3.0	-	-	T6	-	60°	0.5									
									SB -2042TRG	M2X0.4	4.1	2.7	-	-	T6	-	60°	0.5									
									SB -2045TRN	M2X0.4	4.3	2.8	-	-	T6	-	37°	0.5									
									SB -2050TR	M2X0.4	4.8	3.0	-	-	T6	-	60°	0.5									
									SB -2250TR	M2.2X0.45	5.1	3.1	-	-	T7	-	60°	0.8									
									SB -2255TR	M2.2X0.45	5.5	3.5	-	-	T7	-	60°	0.8									
									SB -2545TR	M2.5X0.45	4.6	3.5	-	-	T8	-	60°	1.2									
									SB -2555TRG	M2.5X0.45	5.4	3.5	-	-	T8	-	60°	1.2									
									SB -2560TR	M2.5X0.45	5.7	3.5	-	-	T8	-	60°	1.2									
									SB -2570TR	M2.5X0.45	6.8	3.5	-	-	T8	-	60°	1.2									
									SB -3060TR	M3X0.5	5.3	4.2	-	-	T10	-	60°	2.0									
SB -3065TRP	M3X0.5	6.5	4.0	-	-	8IP	-	60°	1.2																		
SB -3080TR	M3X0.5	8.0	4.2	-	-	T10	-	60°	2.0																		
H	J	L	M	P	R	T		SB -4050TRN	M4X0.5	4.6	5.1	-	-	T10	-	57°	2.0	R...shows Right-hand Thread ○○IP shows Torx Plus									
								SB -4065TR	M4X0.7	6.7	5.5	-	-	T15	-	60°	3.5										
								SB -4070TRS	M4X0.7	6.7	5.5	-	-	T10	-	60°	2.0										
								SB -4085TR	M4X0.7	8.5	5.5	-	-	T15	-	60°	3.5										
								SB -40120TR	M4X0.7	12.0	5.1	-	-	T15	-	60°	3.5										
								SB -40125TRN	M4X0.7	12.5	5.2	-	-	T15	-	50°	3.5										
								SB -4070TRW	M4X0.7	6.7	5.5	-	-	T8	-	60°	1.2										
I	J	L	M	P	R	T		SB -4590TRWN	M4.5X0.75	9.3	5.6	-	-	T10	-	57°	2.0	R...shows Right-hand Thread									
K	L	M	P	R	T		SE -40120TR	M4X0.7	12.0	5.6	-	-	T15	-	60°	3.5											
							SE -50125TR	M5X0.8	12.5	6.4	-	-	T20	-	60°	4.5											
L	M	P	R	T		SP 3X4	M3X0.5	4.0	4.0	-	-	-	-	90°	-	With additional machining below the fillster head											
						SP 3X8	M3X0.5	8.0	4.0	-	-	-	-	90°	-	Cross recessed flat head screw equivalent to JIS...B-1111											

Reference

Torx and Torx Plus have different cross-section.

