

Twin Bar

TWB (Micro Boring : Horizontal type) [Corner-R (rε) Tolerance: +0/-0.02mm, +0/-0.03mm]

<p>• Right-hand shown</p>	Description	Min. Bore Dia.	Dimension (mm)			Insert Grade	
		φA	F	S	rε	PVD Coated Carbide	Carbide
	TWBR 01003-005	1.0	0.85	0.2	0.05	●	□
	01503-005	1.5	1.30				
	02003-005	2.0	1.75				
	02503-005	2.5	2.10				
	03003-005	3.0	2.40				
	TWBR 01503-010	1.5	1.30	0.2	0.1	●	□
	02003-010	2.0	1.75				
	02503-010	2.5	2.10				
	03003-010	3.0	2.30				

STW (Square shank for Horizontal type insert)

(For Left-hand toolholder for grooving, please see G66.)

<p>• Right-hand shown</p>	<p>Fig.1</p>	<p>Fig.2</p>
	R-hand Insert for R-hand Toolholder, L-hand Insert for L-hand Toolholder.	

Toolholder Dimensions

Description	Std.	Dimension (mm)								Drawing	Spare Parts		Applicable Insert
		H1=h	B	L1	L2	L3	F1	F2	T		Clamp Screw	Wrench	
STWR 1010F-15	□	10	10	80	-	-	10	-	3	Fig.1	SB-3080TR	LTW-10S	TWBR ○○○○○ - ○○○
1212F-15	●	12	12				12						
1010K-15	□	10	10	12									
1212K-15	●	12	12	16									
1616K-15	●	16	16	25									
2020K-15	●	20	20	25	32	Fig.2							
2525M-15	●	25	25	150									

S...-STW (Round shank for Horizontal type insert)

(For Left-hand toolholder for grooving, please see G66.)

<p>• Right-hand shown</p>	<p>Offset length from the center of tool holder to the tip of edge</p> <p>Fig.1</p>	<p>Offset length from the center of tool holder to the tip of edge</p> <p>Fig.2</p>
	R-hand Insert for R-hand Toolholder, L-hand Insert for L-hand Toolholder.	

Toolholder Dimensions

Description	Std.	Dimension (mm)							Drawing	Spare Parts		Applicable Insert
		øD1	øD2	H	L1	L2	L3	T		Clamp Screw	Wrench	
S12F- STWR15	●	12	20	11	80	18	22	3	Fig.1	SB-3080TR	LTW-10S	TWBR ○○○○○ - ○○○
S14H- STWR15	●	14		13	100							
S15F- STWR15	●	15.875		15	85							
S16F- STWR15	●	16										
S19G- STWR15	●	19.05	18.5	17	90	-	3	Fig.2				
S19K- STWR15	●			120								
S20G- STWR15	●	20	19.5	18	90							
S20K- STWR15	●			120								
S22K- STWR15	●	22	21.5	20	125	22						
S25.0J- STWR15	●	25	24.5	23	110							
S25K- STWR15	●	25.4	25	23	120							

● : Std. Item ○ : Check Availability □ : Deleted from the next catalogue