Rigibore Conversion Charts

Imperial Sizes only

For The Conversion To Rigibore From:

Microbore

Madison

Sandvik

Valenite

Manufactured By:

RIGIBORE INC.

413 McKenzie Drive

Mukwonago, WI

53149. USA

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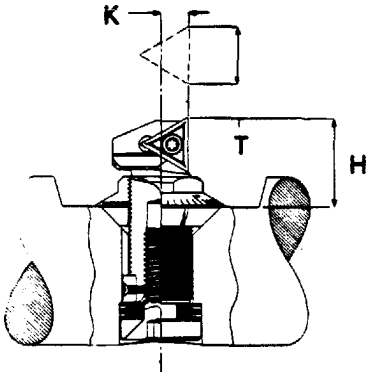
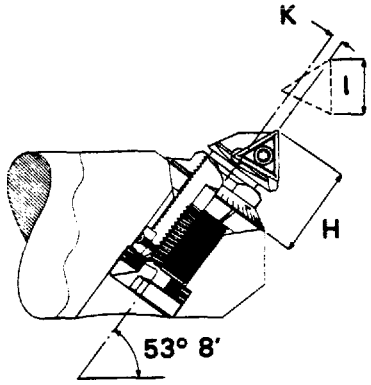
Microbore-Rigibore Dimensions K, I, and H.





The above Dimensions (K, I, and H) are essential when comparing our Rigibore units to Microbore units.

Some of these dimensions are the same on both Rigibore and Microbore, but some may be different to a greater or lesser degree. Where the Dimensions have variance, look at the application.

For example, style 3 (ANG) and styles 6 & 7 (SQ) are variations on styles 2 & 5 respectively, but only for a longer cutting edge for facing applications.

Some users take styles 3, 6, and 7 for facing. Others may choose this application for greater range (Maximum bore) or for more regrinds per tool. Therefore it is vital that you look at the application.

There may be difference in Min/Max between products. Please check accordingly.

Rigibore/Microbore conversions-Indexable Inserts

Microbore-Brazed ***Rigibore*** ***Size 2***

STYLE	H" MIN HEIGHT	1" CUTTING EDGE	K' Offset	Style of Rigibore Unit	H"	TC ---06	K"	APPROACH ANGLE	ANG/SQ MOUNTING
2A2	0.343	0.125	0.016	R2A2 & TR2A2	0.37	0.26	0.053	90°	ANG-53°8'
2B2	0.343	0.125	0.016	R2B2 & TR2B2	0.37	0.26	0.053	90°	ANG-53°8'
2A2L	0.345	0.157	-0.031	R2A2L & TR2A2L	0.394	0.26	-0.059	75°	ANG-53°8'
2B2L	0.345	0.157	-0.031	R2B2L & TRB2L	0.394	0.26	-0.059	75°	ANG-53°8'
2A3	0.406	0.22	-0.047	SEE 2A2 ABOVE				90°	ANG-53°8'
2B3	0.406	0.22	0.047	SEE 2B2 ABOVE				90°	ANG-53°8'
2A5	0.343	0.157	0.04	R2A5 & TR2A5	0.37	0.26	0.04	90°	SQ-90°
2B5	0.343	0.157	0.04	R2B5 & TR2B5	0.37	0.26	0.04	90°	SQ-90°
2A5L	0.343	0.157	0.047	R2A5L & TR2A5L	0.37	0.26	0.04	75°	SQ-90°
2B5L	0.343	0.157	0.047	R2B5L & TR2B5L	0.37	0.26	0.04	75°	SQ-90°
2A6	0.437	0.25	0.04	SEE 2A5 ABOVE				90°	SQ-90°
2B6	0.437	0.25	0.04	SEE 2B5 ABOVE				90°	SQ-90°
2A9	0.312	0.157		R2A90 & TR2A90	0.375	0.26		PLUNGE FACER	
2B9	0.312	0.157		R2B90 & TR2B90	0.375	0.26		PLUNGE FACER	
2A24	0.343	0.094	0.031	R2A245 & TR2A245	0.394	0.26	-0.063	45°	ANG-53°8'
2B24	0.343	0.094	0.031	R2B245 &TR2B245	0.394	0.26	-0.063	45°	ANG-53°8'
2A54	0.343	0.142	0.031	R2A545 & TR2A545	0.394	0.26	-0.031	45°	SQ-90°
2B54	0.343	0.142	0.031	R2B545 &TR2B545	0.394	0.26	-0.031	45°	SQ-90°
				R2F5 & TR2F5	0.37		0.295	90°	SQ-90°

Insert geometry and grades for material type.
Example: 2B212 Insert TCGX06T104 AL R22 for Aluminum machining

Note: Opposite hand units are suffixed "-LH" (Left Hand)
R = Rough & Semi Finish
TR= Finishing

For further questions on application and size please contact Rigibore.

Rigibore/Microbore conversions-Indexable Inserts

Microbore-Brazed				*Rigibore*				*Size 3*		
STYLE	H" MIN HEIGHT	1" CUTTING EDGE	K' Offset	Style of Rigibore Unit	H"	TC ---09	K"	APPROACH ANGLE		ANG/SQ MOUNTING
3A2	0.437	0.142	0.031	R3A2 & TR3A2	.530 .437	.354 .250	.031 .008	90°		ANG-53°8'
3B2	0.437	0.142	0.031	R3B2 & TR3B2	.530 .437 .443	.354 .250 .260	.031 .008 .052	90°		ANG-53°8'
3A2L	0.437	0.22	-0.062	R3A2L & TR3A2L	0.533	0.354	0.043	75°		ANG-53°8'
3B2L	0.437	0.22	-0.062	R3B2L & TR3B2L	0.533	0.354	0.043	75°		ANG-53°8'
3A3	0.5	0.28	-0.062	SEE 3A2 ABOVE				90°		ANG-53°8'
3B3	0.5	0.28	-0.062	SEE 3B2 ABOVE				90°		ANG-53°8'
3A5	0.437	0.22	0.094	R3A5 & TR3A5	.484 .437	.354 .250	.118 .157	90°		SQ-90°
3B5	0.437	0.22	0.094	R3B5 & TR3B5	.484 .437	.354 .250	.118 .157	90°		SQ-90°
3A5L	0.437	0.22	0.047	R3A5L & TR3A5L	0.484	0.354	0.08	75°		SQ-90°
3B5L	0.437	0.22	0.047	R3B5L & TR3B5L	0.484	0.354	0.08	75°		SQ-90°
3A9	0.375	0.22		R3A90 & TR3B90	0.551	0.354		PLUNGE FACER		
3B9	0.375	0.22		R3B90 & TR3B90	0.551	0.354		PLUNGE FACER		
3A24	0.437	0.22	0.031	R3A245 & TR3A245	0.571	0.354		45°		ANG-53°8'
3B24	0.437	0.125	0.031	R3B245 &TR3B245	0.571	0.354		45°		ANG-53°8'
3A54	0.437	0.125	0.031	R3A545 & TR3A545	0.571	0.354		45°		SQ-90°
3B54	0.437	0.173	0.031	R3B545 &TR3B545	0.571	0.354		45°		SQ-90°
				R3F5 & TR3F5	0.508		0.37	90°		SQ-90°

Insert geometry and grades for material type.
Example: 3B212, 3A212 Insert TCGX090204 AL R22 for Aluminum machining

Note: Opposite hand units are suffixed "-LH" (Left Hand)
R = Rough & Semi Finish
TR= Finishing

For further questions on application and size please contact Rigibore.

Rigibore/Microbore conversions-Indexable Inserts

Microbore-Brazed			*Rigibore*				*Size 5*	
STYLE	H" MIN HEIGHT	1" CUTTING EDGE	K' Offset	Style of Rigibore Unit	H"	TCMT-11	K"	APPROACH ANGLE	ANG/SQ MOUNTING
5A2	0.625	0.25	0.047	R5A2 & TR5A2	.667 .625	.413 250	.090 .047	90°	ANG-53°8'
5B2	0.625	0.25	0.047	R5B2 & TR5B2	.667 .625	.413 .250	.090 .047	90°	ANG-53°8'
5A2L	0.625	0.358	-0.094	R5A2L & TR5A2L	0.65	0.413	0.051	75°	ANG-53°8'
5BL	0.625	0.358	-0.094	R5B2L & TR5B2L	0.65	0.413	0.051	75°	ANG-53°8'
5A3	0.75	0.468	-0.094	SEE 5A2 ABOVE__1=.413				90°	ANG-53°8'
5B3	0.75	0.468	-0.094	SEE 5B2 ABOVE__1=.413				90°	ANG-53°8'
5A5	0.625	0.375	0.157	R5A5 & TR5A5	.635 .625	.413 .250	.212 .212	90°	SQ-90°
5B5	0.625	0.375	0.157	R5B5 & TR5B5	.635 .625	.413 .250	.212 .212	90°	SQ-90°
5A5L	0.625	0.358	0.11	R5A5L & TR5A5L	0.635	0.413	0.125	75°	SQ-90°
5B5L	0.625	0.358	0.11	R5B5L & TR5B5L	0.635	0.413	0.125	75°	SQ-90°
5A9	0.562	0.342		R5A90 &TR5A90	0.63	0.413		PLUNGE FACER	
5B9	0.562	0.342		R5B90 & TR5B90	0.63	0.413		PLUNGE FACER	
5A24	0.625	0.236	-0.062	R5A245 & TRA245	0.669	0.413	-0.063	45°	ANG-53°8'
5B24	0.625	0.236	-0.062	R5B245 & TR5B245	0.669	0.413	-0.063	45°	ANG-53°8'
5A54	0.625	0.312	-0.062	R5A545 & TR5A545	0.634	0.413	-0.063	45°	SQ-90°
5B54	0.625	0.312	-0.062	R5B545 & TR5B545	0.634	0.413	-0.063	45°	SQ-90°
				R5F5 &TR5F5	0.635	0.413	0.59	90°	SQ-90°

Insert geometry and grades for material type.
Example: 5A212, 5B212 Insert TCGX110204 AL R22 for Aluminum machining

Note: Opposite hand units are suffixed "-LH" (Left Hand)
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Rigibore/Microbore conversions-Indexable Inserts

Microbore-Brazed ***Rigibore*** ***Size 7***

STYLE	H" MIN HEIGHT	1" CUTTING EDGE	K' Offset	Style of Rigibore Unit	H"	TC---16	K"	APPROACH ANGLE	ANG/SQ MOUNTING
7A2	1	0.594	0.062	R7A2 & TR7A2	1.006	0.6	-0.016	90°	ANG-53°8'
7B2	1	0.594	0.062	R7B2 & TR7B2	1.006	0.6	-0.016	90°	ANG-53°8'
7A2L	1	0.594	-0.187	R7A2L & TR7A2L	0.921	0.6	-0.125	75°	ANG-53°8'
7BL	1	0.594	-0.187	R7B2L & TR7B2L	0.921	0.6	-0.125	75°	ANG-53°8'
7A3	1.125	0.78	-0.187	SEE 7A2 ABOVE_1=.600				90°	ANG-53°8'
7B3	1.125	0.78	-0.187	SEE 7B2 ABOVE_1=.600				90°	ANG-53°8'
7A5	1	0.625	0.25	R7A5 & TR7A5	1.005	0.6	0.329	90°	SQ-90°
7B5	1	0.625	0.25	R7B5 & TR7B5	1.005	0.6	0.329	90°	SQ-90°
7A5L	1	0.625	0.142	R7A5L & TR7A5L	1.005	0.6	0.244	75°	SQ-90°
7B5L	1	0.625	0.142	R7B5L & TR7B5L	1.005	0.6	0.244	75°	SQ-90°
7A9	0.875	0.549		R7A90 &TR7A90	0.906			PLUNGE FACER	
7B9	0.875	0.594		R7B90 & TR7B90	0.906			PLUNGE FACER	
7A24	1	0.39	-0.125	R7A245 & TR7A245	1.004	0.6	-0.256	45°	ANG-53°8'
7B24	1	0.39	-0.125	R7B245 & TR7B245	1.004	0.6	-0.256	45°	ANG-53°8'
7A54	1	0.453	-0.062	R7A545 & TR7A545	1.004	0.6	-0.063	45°	SQ-90°
7B54	1	0.453	-0.062	R7B545 & TR7B545	1.004	0.6	-0.063	45°	SQ-90°
				R7F5 &TR7F5	1	0.6	0.787	90°	SQ-90°

Insert geometry and grades for material type.
Example: 7A212, 7B212 Insert TCGX110204 AL R22 for Aluminum machining

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TR= Finishing

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Rigibore/Microbore conversions-Indexable Inserts

Microbore-Brazed ***Rigibore*** ***Size 10***

STYLE	H" MIN HEIGHT	1" CUTTING EDGE	K' Offset	Style of Rigibore Unit	H"	TC---16	K"	APPROACH ANGLE	ANG/SQ MOUNTING
10A2	1.25	0.69	0.031	R10A2 & TR10A2	1.25	0.6	-0.016	90°	ANG-53°8'
10B2	1.25	0.69	0.031	R10B2 & TR10B2	1.25	0.6	-0.016	90°	ANG-53°8'
10A2L	1.25	0.75	-0.22	R10A2L & TR10A2L	1.225	0.6	-0.035	75°	ANG-53°8'
10BL	1.25	0.75	-0.22	R10B2L & TR10B2L	1.225	0.6	-0.035	75°	ANG-53°8'
10A3	1.5	1.094	-0.25	_____SEE 10A2 ABOVE 1=.600_____				90°	ANG-53°8'
10B3	1.5	1.094	-0.25	_____SEE 10B2 ABOVE 1=.600_____				90°	ANG-53°8'
10A5	1.25	0.75	0.375	R10A5 & TR10A5	1.25	0.6	0.375	90°	SQ-90°
10B5	1.25	0.75	0.375	R10B5 & TR10B5	1.25	0.6	0.375	90°	SQ-90°
10A5L	1.25	0.75	0.187	R10A5L & TR10A5L	1.25	0.6	0.187	75°	SQ-90°
10B5L	1.25	0.75	0.187	R10B5L & TR10B5L	1.25	0.6	0.187	75°	SQ-90°
10A9	1.125	0.812		R10A90 &TR10A90	1.125	0.6		PLUNGE FACER	
10B9	1.125	0.812		R10B90 & TR10B90	1.125	0.6		PLUNGE FACER	
10A24	1.25	0.468	-0.125	R10A245 & TR10A245	1.125	0.6	-0.125	45°	ANG-53°8'
10B24	1.25	0.468	-0.125	R10B245 & TR10B245	1.125	0.6	-0.125	45°	ANG-53°8'
10A54	1.25	0.578	-0.062	R10A545 & TR10A545	1.125	0.6	-0.063	45°	SQ-90°
10B54	1.25	0.578	-0.062	R10B545 & TR10B545	1.125	0.6	-0.063	45°	SQ-90°
				R10F5 &TR10F5	1.125	0.6	1	90°	SQ-90°

Insert geometry and grades for material type.
Example: 10A212, 10B212 Insert TCGX16T304 ALR22 for Aluminum machining

Note: Opposite hand units are suffixed "-LH" (Left Hand)
R = Rough & Semi Finish
TR= Finishing

For further questions on application and size please contact Rigibore.

Rigibore/Microbore conversions-Indexable Inserts

DeVlieg lock pin/clamp(- rake) ***Rigibore (Nearest Equivalent. Positive or with TCMA 0°***

	INSERT						INSERT					
SIZE/STYLE	SIZE	STYLE	H"	1"	K"	SIZE & STYLE	STYLE	SIZE	H"	1"	K"	MOUNT AND APPROACH
030 BA090 TN2C-40	11	---	0.55	0.413	0.105	R3A2 & R3B2	TC--	9	0.53	0.354	0.031	3 ANG 90°
030 BA080 TN2C-40	11	---	0.55	0.413	0.055	R3A2 & R3B2	-	9	0.533	0.354	0.043	3 ANG 75°
030 BS090 TN2C-50	11	---	0.531	0.413	0.307	R3A5 & R3B5	-	9	0.484	0.354	0.118	3 SQ 90°
030 BS080 TN2C-50	11	---	0.531	0.413	0.28	R3A5L & R3B5L	-	9	0.484	0.354	0.08	3 SQ 75°
050 BA090 TN2E-40	11	---	0.637	0.413	0.2	R5A2 & R5B2	-	11	0.667	0.413	0.09	3 ANG 90°
050 BA075 TN2E-40	11	---	0.637	0.413	0.12	R5A2L & R5B2L	-	11	0.65	0.413	0.051	3 ANG 75°
050 BS090 TN2E-50	11	TNMM	0.67	0.413	0.59	R5A5 & R5B5 & R5F5	-	11	0.635	0.413	.212-.590	3 SQ 90°
050 BS075 TN2E-50	11	OR	0.67	0.413	0.45	R5A5L & R5B5L	-	11	0.635	0.413	0.125	3 SQ 75°
070 BA090 TN3F-80	16	TNMA	1.04	0.6	0.22	R7A2 & R7B2	-	11	0.635	0.6	-0.016	3 ANG 90°
070 BA075 TN3F-80	16	---	1.04	0.6	0.22	R7A2L & R7B2L	-	16	1.006	0.6	-0.125	3 ANG 75°
070 BS090 TN3F-100	16	---	1	0.6	0.78	R7A5 & R7B5 & R7F5	-	16	0.921	0.6	.330-.787	3 SQ 90°
070 BS075 TN3F-100	16	---	1	0.6	0.62	R7A5L & R7B5L	-	16	1.005-1.0	0.6	0.245	3 SQ 75°
100 BA090 TN3F-80	16	---	1.15	0.6	0.32	R10A2	-	16	1.005	0.6	-0.016	3 ANG 90°
100 BA090 TN4F-80	22	---	1.315	0.807	0.24	R10B2	-	16	1.25	0.6	-0.016	3 ANG 75°
100 BA075 TN3F-80	16	---	1.15	0.6	0.23	R10A2L & R10B2L	-	16	1.225	0.6	-0.035	3 ANG 90°
100 BS090 TN3F-100	16	---	1.062	0.6	1	R10A5 &R10B5	-	16	1.25	0.6	0.375	3 SQ 90°
100 BS090 TN4F-1000	22	---	1.25	0.807	1	R10F5	-	16	1.25	0.6	1	3 SQ 90°
100 BS075 TN3F-100	16	---	1.062	0.6	0.81	R10A5L & R10B5L	-	16	1.25	0.6	0.187	3 SQ 90°

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Rigibore/Microbore conversions-Indexable Inserts

Microbore(Seco)					***Rigibore***						
SIZE/STYLE	INSERT	H"	1"	K"	SIZE & STYLE (R & TR)	INSERT	SIZE	H"	1"	K"	MOUNT AND APPROACH
M3A2 C06-40S	CC- - 06	0.437	0.25	0.008	3A2C &3A2	CC -- 06-TC -- 09	9	0.53	0.354	0.031	3 ANG 90°
M3B2 C06-40S	CC- - 06	0.437	0.25	0.008	3B2C & 3B2 &3B1	CC -- 06- TC-- 09-TC-- 06	9	0.533	0.354	0.043	3 ANG 90°
M3A5 C06-50S	CC- - 06	0.437	0.25	0.157	3A5C &3A5	CC -- 06- TC-- 09	9	0.484	0.354	0.118	3 SQ 90°
M3B5 C06-50S	CC- - 06	0.437	0.25	0.157	3B5C & 3B5	CC -- 06-TC -- 09	9	0.484	0.354	0.08	3 SQ 90°
M5A2 C06-40S	CC- - 06	0.625	0.25	0.047	5A2C & 5A2	CC -- 06-TC -- 11	11	0.667	0.413	0.09	3 ANG 90°
M5B2 C06-40S	CC- - 06	0.625	0.25	0.047	5B2C & 5B2	CC -- 06-TC -- 11	11	0.65	0.413	0.051	3 ANG 90°
M5A5 C06-50S	CC- - 06	0.625	0.25	0.213	5A5C & 5A5	CC -- 06-TC -- 11	11	0.635	0.413	.212-.590	3 SQ 90°
M5B5 C06-50S	CC- - 06	0.625	0.25	0.213	5B5C & 5B5	CC -- 06- TC -- 11	11	0.635	0.413	0.125	3 SQ 90°
M7A2 C09-80S	CC- - 09	1	0.375	0.062	7A2C & 7A2	CC -- 09-TC -- 16	11	0.635	0.6	-0.016	3 ANG 90°
M7B2 C09-80S	CC- - 09	1	0.375	0.062	7B2C & 7B2	CC -- 09-TC -- 16	16	1.006	0.6	-0.125	3 ANG 90°
M7A5 C09-100S	CC- - 09	1	0.375	0.25	7A5C & 7A5	CC -- 09-TC -- 16	16	0.921	0.6	.330-.787	3 SQ 90°
M7B5 C09-100S	CC- - 09	1	0.375	0.25	7B5C & 7B5	CC -- 09-TC -- 16	16	1.005-1.0	0.6	0.245	3 SQ 90°
M10A2 C12-80S	CC- - 12	1.25	0.5		10A2C &10A2	CC -- 12-TC -- 16	16	1.005	0.6	-0.016	3 ANG 90°
M10B2 C12-80S	CC- - 12	1.25	0.5		10B2C & 10B2	CC -- 12-TC -- 16	16	1.25	0.6	-0.016	3 ANG 90°
M10A5C12-100S	CC- - 12	1.25	0.5		10A5C & 10A5	CC -- 12-TC -- 16	16	1.225	0.6	-0.035	3 SQ 90°
M10B5C12-100S	CC- - 12	1.25	0.5		10B5C & 10B5	CC -- 12-TC -- 16	16	1.25	0.6	0.375	3 SQ 90°

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Rigibore/Microbore conversions-Indexable inserts

"NP" Indexable						***Rigibore***						
SIZE/STYLE	INSERT	H"	1"	K"		SIZE & STYLE (R & TR)	INSERT	H"		1"	K"	APPROACH ANGLE	MOUNT AND APPROACH
5A NP 2	T221S/T221P(1/4) I.C.	0.63	0.39	0.033		5A2C & 5A2	TC -- 11& CC -- 06	.667,.625		.413,.250	.090,.047	90°	ANG-53° 8'
5B NP 2	DeVlieg	0.63	0.39	0.033		5B2C & 5B2	TC -- 11& CC -- 06	0.533		.413,.250	.090,.047	90°	ANG-53° 8'
5A NP 2L & 5B NP 2L	&	0.63	0.39	-0.052		5A2L & 5B2L	TC -- 11& CC -- 06	667,.625		0.413	0.051	75°	ANG-53° 8'
5A NP 5	Kenametal	0.63	0.39	0.25		5A5 & 5A5C	TC -- 11& CC -- 06	0.65		.413,.250	.212,.212	90°	SQ-90°
5B NP 5	Codes	0.63	0.39	0.25		5B5 & 5B5C	TC -- 11& CC -- 06	.635,.625		.413,.413	.212,.212	90°	SQ-90°
5A NP 5L & 5B NP 5L	DeVlieg	0.63	0.39	0.157		5A5L & 5B5L	TC -- 11& CC -- 06	.635,.625		0.413	0.125	75°	SQ-90°
5A NP 5A NP 9 & 5B NP 9	T221S/T221P(1/4) I.C.	0.59	0.38									PLUNGE 0°	
5A NP 24 & 5B NP 24	-	0.63	0.39	-0.121		5A245 & 5B245	TC -- 11& CC -- 06	0.63		0.413	-0.063	45°	ANG-53° 8'
5A NP 54 & 5B NP 54	-	0.63	0.39	-0.015		5R545 & 5B545	TC -- 16	0.669		0.413	-0.063	45°	SQ-90°
7A NP 2 & 7B NP 2	T321S/T321P(3/8 I.C).	1	0.61	0.043		7A2 & 7B2	TC -- 16	0.634		0.6	0.157	90°	3 ANG 90°
7A NP 2L & 7B NP 2L	-	0.93	0.61	-0.052		7A2L & 7B2L	TC -- 16	1.006		0.6	-0.125	75°	3 ANG 75°
7A NP 5 & 7B NP 5	-	0.93	0.61	0.34		7A5 & 7B5	TC -- 16	0.921		0.6	3.29	90°	SQ-90°
7A NP 5L & 7B NP 5L	-	0.93	0.61	0.217		7A5L & 7B5L	TC -- 16	1.005		0.6	0.244	75°	SQ-75°
7A NP 9 & 7B NP 9	-	0.88	0.61			7A90 & 7B90	TC -- 16	1.005		0.6		PLUNGE 0°	
7A NP 24 & 7B NP 24	-	0.9	0.61	-0.181		7A245 & 7B245	TC -- 16	0.906		0.6	-0.256	45°	ANG-53° 8'
7A NP 54 & 7B NP 54	-	0.93	0.61	-0.035		7A545 & 7B545	TC -- 16	1.004		0.6	-0.063	45°	SQ-90°
10A NP 2 & 10B NP 2	T431S/T431P(1/2 I.C.)	1.25	0.83	0.023		10A2 & 10B2	TC -- 16	1.004		0.6	-0.016	90°	ANG-53° 8'
10A NP 2L & 10B NP 2L	-	1.16	0.83	-0.102		10A2L & 10B2L	TC -- 16	1.25		0.6	-0.035	75°	ANG-53° 8'
10A NP 5 & 10B NP 5	-	1.19	0.83	0.46		10A5 & 10B5	TC -- 16	1.25		0.6	0.375	90°	SQ-90°
10A NP 5L & 10B NP 5L	-	1.19	0.83	0.297		10A5L & 10B5L	TC -- 16	1.25		0.6	0.187	75°	SQ-90°
10A NP 9 & 10B NP 9	-	1.12	0.81			10A90 & 10B90	TC -- 16	1.125		0.6		PLUNGE 0°	
10A NP 24 & 10B NP 24	-	1.16	0.83	-0.331		10A245 & 10B245	TC -- 16	1.152		0.6	-0.125	45°	ANG-53° 8'
10A NP 54 & 10B NP 54	-	1.19	0.83	-0.075		10A545 & 10B545	TC -- 16	1.152		0.6	-0.063	45°	SQ-90°

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Rigibore/Microbore conversions-Indexable Inserts

"Kendex"						*Rigibore*						
SIZE/STYLE		H"	1"	K"		SIZE & STYLE (R & TR)	INSERT	H"		1"	K"	APPROACH ANGLE	MOUNT AND APPROACH
3A2S	TX/TN21(5/32 I.C)	0.437	0.234	0		3A2 & 3A2C	TC-- 09 & CC-- 06	.530,.437		.354,.250	.090,.047	90°	ANG-53° 8'
3B2S	TX/TN21(5/32 I.C)	0.437	0.234	0		3B2 & 3B2C & 3B1	TC-- 09 & CC-- 06 & TC-- 06	.530,.437,.443		.354,.250,.260	.090,.047	90°	ANG-53° 8'
3A2LS	DevLIEG	0.437	0.234	-0.062		3A2L	TC-- 09 & CC-- 06	0.533		0.354	0.051	75°	ANG-53° 8'
3B2LS	Kenametal	0.437	0.234	-0.062		3B2L	TC-- 09 & CC-- 06	0.533		0.354	.212,.212	75°	ANG-53° 8'
3A5S	Codes	0.437	0.234	0.14		3A5 & 3A5C	TC-- 09 & CC-- 06	.484,.437		.354,.250	.212,.212	90°	SQ-90°
3B5S	TX/TN21(5/32 I.C)	0.437	0.234	0.14		3B5 & 3B5C	TC-- 09 & CC-- 06	.484,.437		.354,.250	0.125	90°	SQ-90°
3A5LS	TX/TN21(5/32 I.C)	0.437	0.234	0.078		3A5L	TC-- 09 & CC-- 06	0.484		0.354		75°	SQ-90°
3B5LS	TX/TN21(5/32 I.C)	0.437	0.234	0.078		3B5L	TC-- 11 & CC--06	0.484		0.354	-0.063	75°	SQ-90°
5A2S	TX/TN/TP41(1/4 I.C.)	0.625	0.375	-0.047		5A2 & 5A2C	TC-- 11 & CC--06	.667,.625		.413,.250	-0.063	90°	ANG-53° 8'
5B2S	TX/TN/TP41(1/4 I.C.)	0.625	0.375	-0.047		5B2 & 5B2C	TC-- 11 & CC--06	.667,.625		.413,.250	0.157	90°	ANG-53° 8'
5A2LS	TX/TN/TP41(1/4 I.C.)	0.625	0.375	-0.094		5A2L	TC-- 11 & CC--06	0.65		0.413	-0.125	75°	ANG-53° 8'
5B2LS	TX/TN/TP41(1/4 I.C.)	0.625	0.375	-0.094		5B2L	TC-- 11 & CC--06	0.65		0.413	3.29	75°	ANG-53° 8'
5A5S	TX/TN/TP41(1/4 I.C.)	0.625	0.375	0.156		5A5 & 5A5C	TC-- 11 & CC--06	.635,.625		.413,.250		90°	SQ-90°
5B5S	TX/TN/TP41(1/4 I.C.)	0.625	0.375	0.156		5B5 & 5B5C	TC-- 11 & CC--06	.635,.625		.413,.250	-0.063	90°	SQ-90°
5A5LS	TX/TN/TP62(3/8 I.C.)	1	0.375	0.109		5A5L	TC-- 11 & CC--06	0.635		0.413	-0.016	75°	SQ-90°
5B5LS	TX/TN/TP62(3/8 I.C.)	1	0.375	0.109		5B5L	TC-- 16	0.635		0.413	-0.035	75°	SQ-90°
7A2S	TX/TN/TP62(3/8 I.C.)	1	0.562	-0.062		7A2	TC-- 16	1.006		0.6	0.375	90°	ANG-53° 8'
7B2S	TX/TN/TP62(3/8 I.C.)	1	0.562	-0.062		7B2	TC-- 16	1.006		0.6	0.187	90°	ANG-53° 8'
7A2LS	TX/TN/TP62(3/8 I.C.)	1	0.562	-0.187		7A2L	TC-- 16	0.921		0.6		90°	ANG-53° 8'
7B2LS	TX/TN/TP62(3/8 I.C.)	1	0.562	-0.187		7B2L	TC-- 16	0.921		0.6	-0.125	75°	ANG-53° 8'
7A5S	TX/TN/TP62(3/8 I.C.)	1	0.562	0.25		7A5	TC-- 16	1.005		0.6	-0.063	75°	SQ-90°
7B5S	TX/TN/TP62(3/8 I.C.)	1	0.562	0.25		7B5	TC-- 16	1.005		0.6		90°	SQ-90°
7A5LS	TX/TN/TP62(3/8 I.C.)	1	0.562	0.14		7A5L	TC-- 16	1.005		0.6		90°	SQ-90°
7B5LS	TX/TN/TP62(3/8 I.C.)	1	0.562	0.14		7B5L	TC-- 16	1.005		0.6		75°	SQ-90°
10A2S,10B2S	TX/TN/TP62(3/8 I.C.)	1.25	0.562	-0.031		10A2 & 10B2	TC-- 16	1.25		0.6		90°	ANG-53° 8'
10A2LS,10B2LS	TX/TN/TP62(3/8 I.C.)	1.25	0.562	-0.218		10A2L & 10B2L	TC-- 16	1.225		0.6		75°	ANG-53° 8'
10A5S,10B5S	TX/TN/TP62(3/8 I.C.)	1.25	0.562	0.375		10A5 & 10B5	TC-- 16	1.25		0.6		90°	SQ-90°
10A5LS,10B5LS	TX/TN/TP62(3/8 I.C.)	1.25	0.562	0.562		10A5L & 10B5L	TC-- 16	1.25		0.6		75°	SQ-90°

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