



KAV Series

Interchangeable Head Boring Bars with Anti-Vibration Dampener System



Solves deep-boring challenges with superior chatter resistance (Max L/D = 10)

Unique anti-vibration mechanism provides superior anti-chatter performance

Shank diameters from 16mm to 40mm (Max L/D = 7, 10)

Variety of internal machining processes possible with interchangeable heads

Strong hold with serrated joint structure

Easy cutting edge adjustment with E-Sleeve design

Easy machining setup



SCLP Style Heads

KAV Series

Interchangeable head boring bars with anti-vibration dampener system

Solves deep-boring challenges with max L/D = 10

Excellent anti-chatter performance due to unique anti-vibration design

Available for a wide range of machining operations



Anti-Vibration Controlled Deep Boring



Shank Lineup

Shank diameters, from 16mm to 32mm with L/D = 7 and 10, are available
Carbide reinforced style also available

Shank Diameter	Available Overhang Length Range	Type
ø16mm ø20mm	 L/D = 4 ~ 7	Steel
	 L/D = 7 ~ 10	Carbide Reinforced
ø25mm ø32mm ø40mm	 L/D = 4 ~ 7	Steel
	 L/D = 7 ~ 10	Steel



Unique Anti-Vibration Technology

Built-in proprietary damper technology
dampens vibration
Superior anti-chatter performance over carbide



Interchangeable Head Styles

Interchangeable heads for a variety of machining applications
Strong fastening with serrated joint structure

1

Unique anti-vibration mechanism provides superior chatter resistance

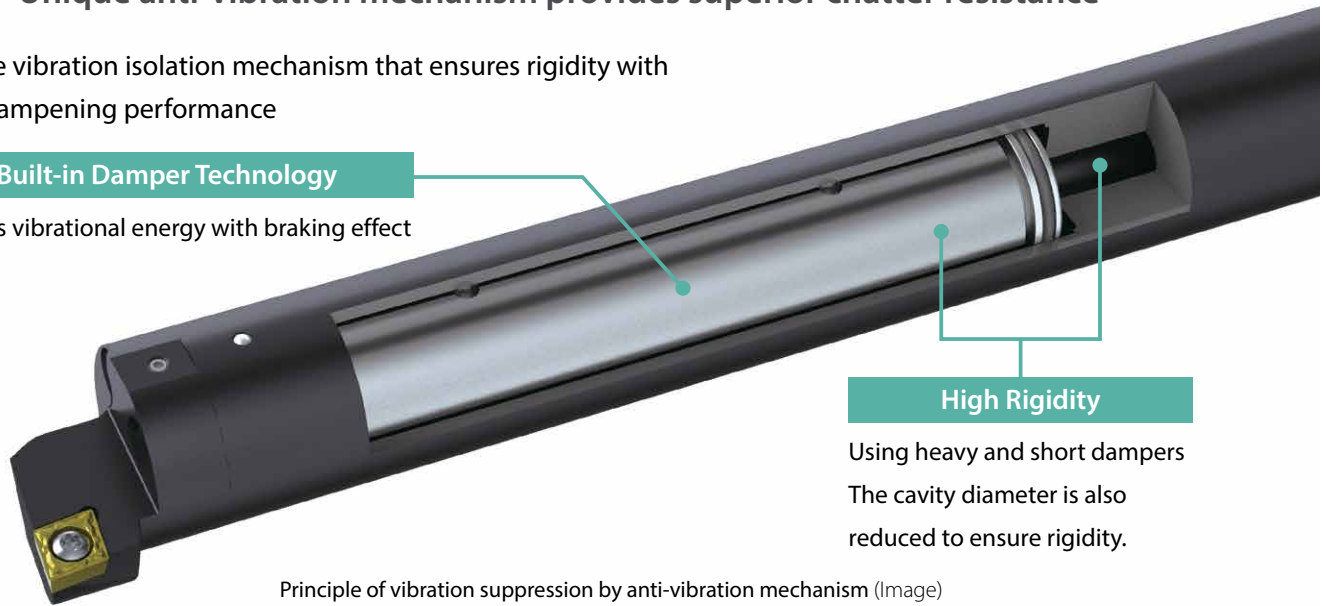
Unique vibration isolation mechanism that ensures rigidity with high dampening performance

Built-in Damper Technology

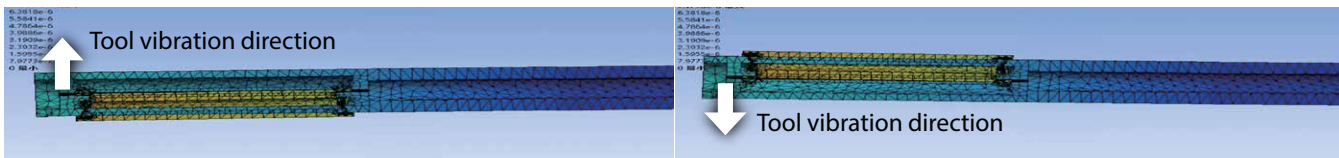
Absorbs vibrational energy with braking effect

High Rigidity

Using heavy and short dampers
The cavity diameter is also reduced to ensure rigidity.



Principle of vibration suppression by anti-vibration mechanism (Image)



The damper vibrates late against the shank, effective for vibration damping.

Video



Available up to $L/D = 10$. Excellent anti-vibration performance over conventional carbide shanks.

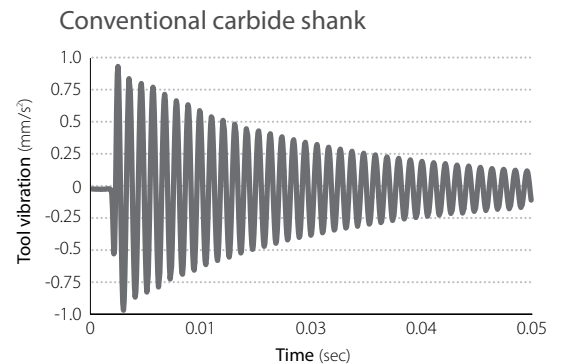
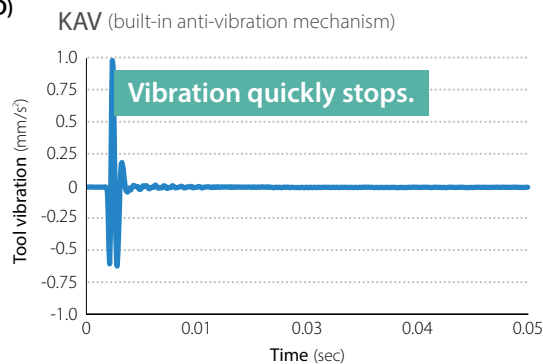
Hammering test (Internal evaluation)

Hammer impacts to the head of the tool

($\phi 20\text{mm}$, Overhang length 10D)



Vibration measurement direction

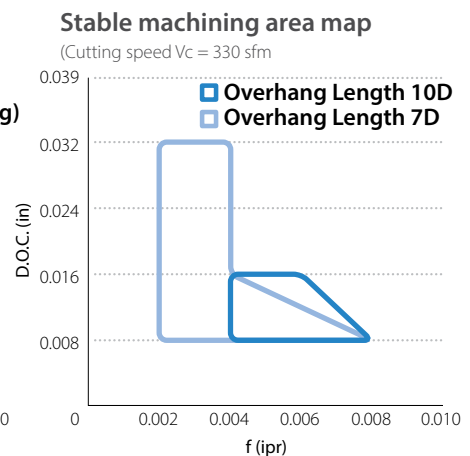
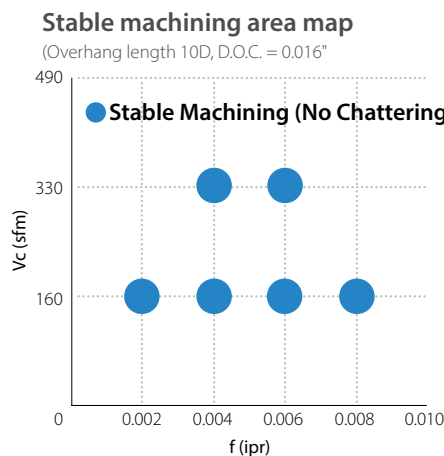


10D Shank Anti-vibration performance (Internal evaluation)

KAV maintains stable machining



KAV-G20-10D / KAVH20-SCLCR09
CCMT3251PP
Overhang length: 140 mm (7D) / 200 mm (10D)
Workpiece: 4137



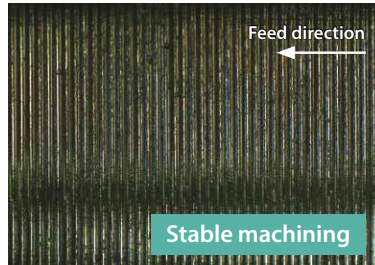
Unique anti-vibration mechanism provides superior anti-chatter performance compared to competitors

Anti-Cibration Performance Comparison (Internal evaluation)

Competitors produced chattering while KAV maintains stable machining.



KAV



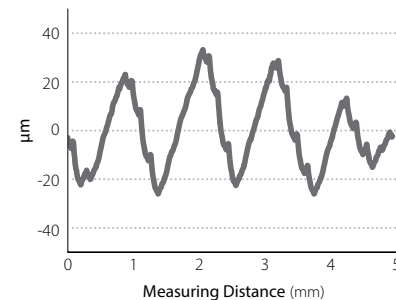
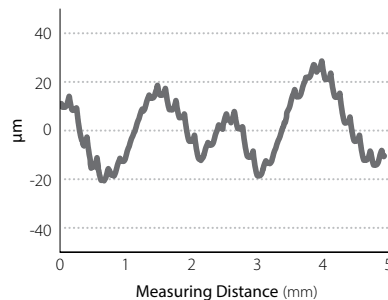
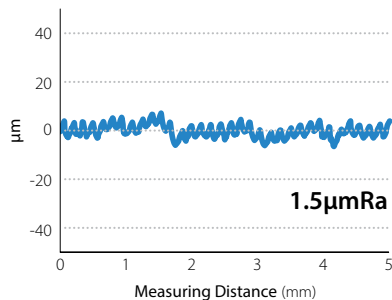
Competitor A (Anti-Vibration Type)



Competitor B (Anti-Vibration Type)



Surface Finish



Cutting Conditions: $V_c = 490$ sfm, D.O.C. = 0.016, $f = 0.006$ ipr Workpiece: 4137 Overhang Length 320 mm

Case Studies

① Mechanical Parts (Worm Gears) 1045

Shank: KAV-G16-10D
Head: KAVH16-SDUCR07
Insert: DCGT21505EL-U (PV720)

$V_c = 160$ sfm
D.O.C. = 0.002
 $f = 0.008$ ipr, Wet

Overhang length: ø16-160mm (10D)



(User evaluation)

② Mechanical Parts (Worm Gears) 4137

Shank: KAV-D32-10D
Head: KAVH32-PDUNR11
Insert: DNMG331HQ (CA515)

$V_c = 590$ sfm
D.O.C. = 0.006
 $f = 0.008$ ipr, Wet

Overhang length: ø32-200mm (6.2D)



(User evaluation)

③ Auto Parts (Differential Case) 100-70-03

Shank: KAV-G20-10D
Head: KAVH20-STLPR11
Insert: TPGB222 (PV7005)

$V_c = 460$ sfm
D.O.C. = 0.008
 $f = 0.005$ ipr, Wet

Overhang length: ø20-160mm (8D)



(User evaluation)

2

Interchangeable heads for a variety of machining applications Strong fastening with serrated joint structure

Serrated Structure

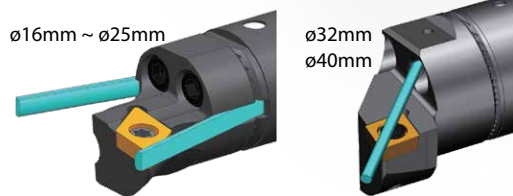
Securely fastens head and shank



Internal Coolant Recommended

Internal coolant recommended to prevent damage to anti-vibration mechanism

When using our plumbing parts:
Supports pressures up to 1015 PSI (some items are only recommended up to 145 PSI)



Coolant pipe connections: See page 12

Head Lineup

Shank diameter	Positive Type (Screw Clamp)					Negative Type (Lever Lock)		
	SCLC	SCLP	SDUC	STLP	SVUB	PCLN	PDUN	PTFN
ø16mm	●	●	●	●				
ø20mm	●	●	●	●	●			
ø25mm	●	●	●	●	●			
ø32mm	●	●	●	●	●	●	●	●
ø40mm	●	●	●	●	●	●	●	●

3

Easy cutting edge adjustment with E-Sleeve Smooth machining setup

E-Sleeve (Sold Separately)

Separated structure with printed reference lines
Easy adjustment reduces setup time

Adjusting the cutting edge position

Exclusive Sleeve (E-Sleeve)

Adjusting the cutting edge position with a reference line



Instruction video

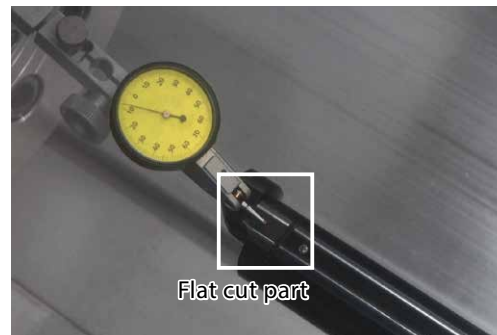
Adjusting the cutting edge position is easy by simply aligning the reference line between the shank and the sleeve.

Reference Line



Conventional Sleeve

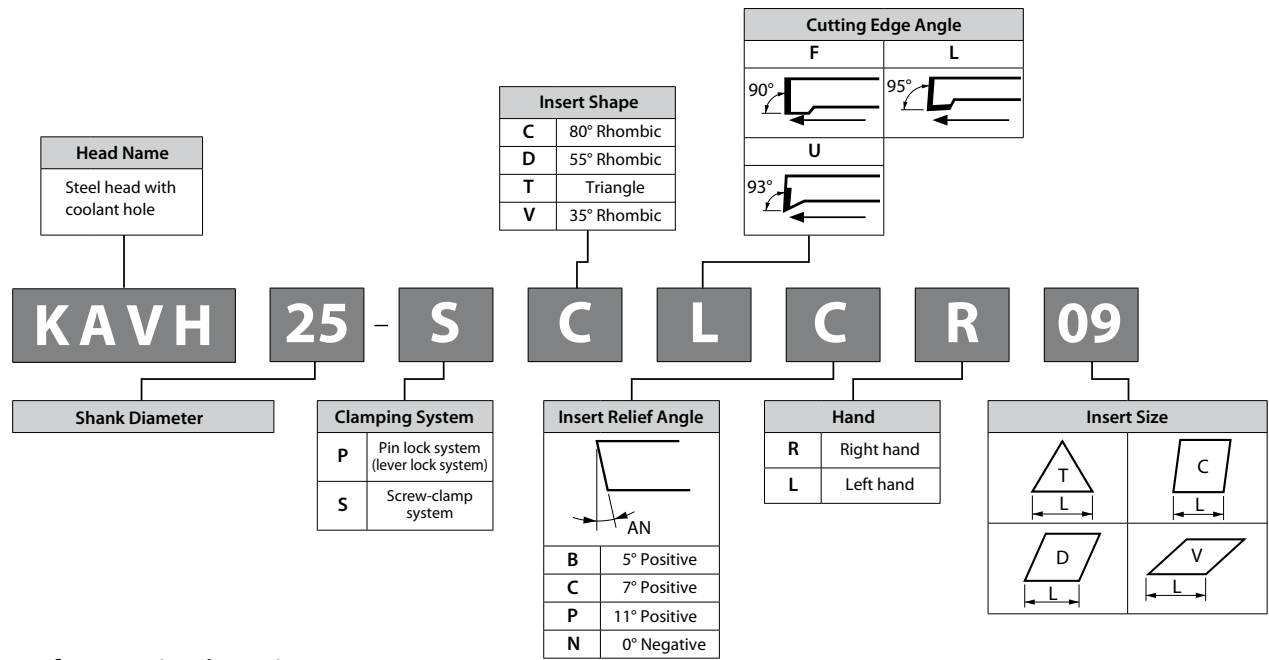
Adjusting the cutting edge position with the flat cut part of the head



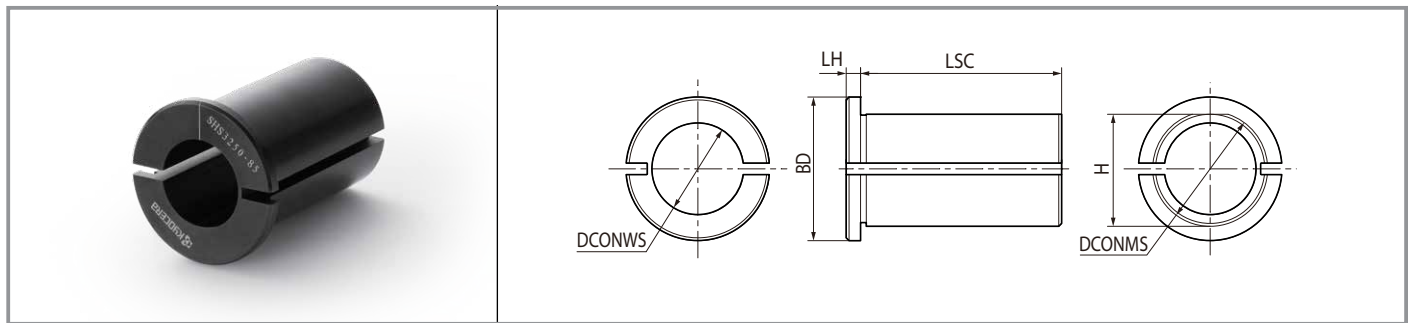
Instruction video

Adjust the flat cut part of the head by moving the tool while applying a dial gauge, etc.

Replaceable Boring Bar Head Identification System



Sleeve for KAV (E-Sleeve)

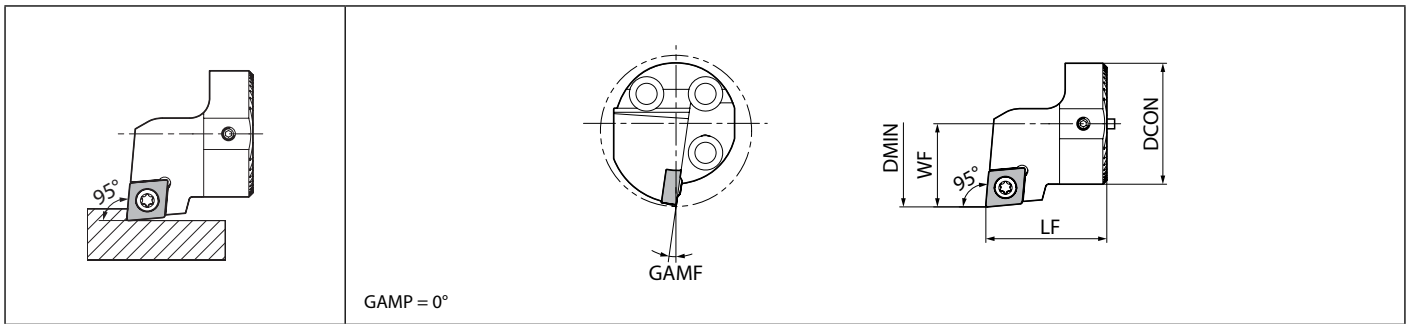


Sleeve Dimensions

Unit	Part Number	Std. Item	Dimensions						Applicable Shank
			DCONMS	DCONWS	BD	LSC	LH	H	
Inch	SHS 1615N-75	●	1.500	0.630	1.969	2.756	0.197	1.461	KAV-D16-7D KAV-G16-10D
	2015N-75	●		0.787					KAV-D20-7D KAV-G20-10D
	2515N-75	●		0.984					KAV-D25-7D KAV-D25-10D
	3215N-75	●		1.260					KAV-D32-7D KAV-D32-10D
	SHS 2520N-85	●	2.000	0.984	2.362	3.150	0.197	1.941	KAV-D25-7D KAV-D25-10D
	3220N-85	●		1.260					KAV-D32-7D KAV-D32-10D
mm	SHS 1640-75	●	40	16	50	70	5	39	KAV-D16-7D KAV-G16-10D
	2040-75	●		20					KAV-D20-7D KAV-G20-10D
	2540-75	●		25					KAV-D25-7D KAV-D25-10D
	3240-75	●		32					KAV-D32-7D KAV-D32-10D
	SHS 2550-85	●	50	25	60	80	5	48.5	KAV-D25-7D KAV-D25-10D
	3250-85	●		32					KAV-D32-7D KAV-D32-10D
	4050-85	●		40					KAV-D40-7D KAV-D40-10D

Choose the sleeve DCONWS together with the shank DCONMS.

KAVH-SCLC (Internal/Internal Facing, Screw Clamp)



Right-hand shown | Left-hand Insert for Right-hand Toolholder, Right-hand Insert for Left-hand Toolholder.

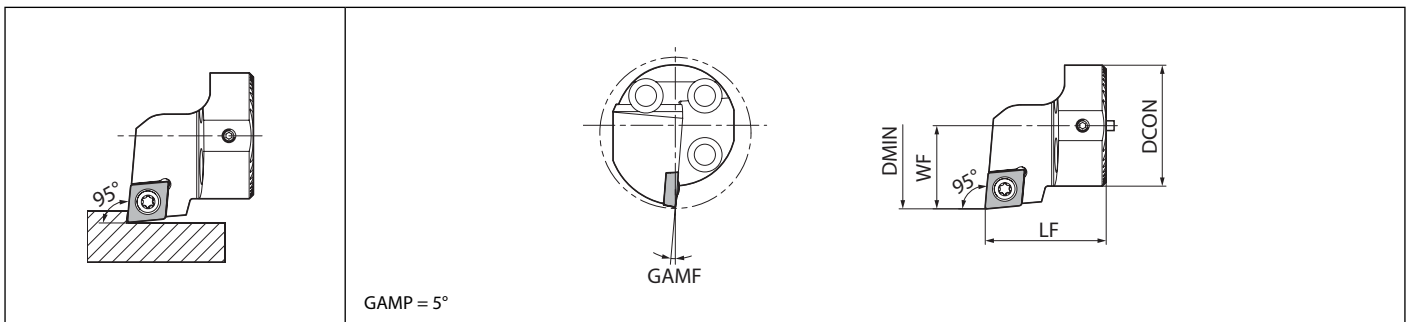
Toolholder Dimensions

Unit	Part Number	Std. Item		Dimensions				GAMF (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts		Applicable Shank Adapter	Applicable Inserts
		R	L	DMIN	DCON	LF	WF				Screw	Wrench		
														
mm	KAVH 16-SCLC [®] 06	●	●	20	16	20	11	-7	0.4	Yes	SB-2545TR	FT-8	KAV-D16/G16...	CC□T215... CC□W215...
	KAVH 20-SCLC [®] 09	●	●	25	20	20	13	-8	0.4	Yes	SB-4065TR	FT-15	KAV-D20/G20...	CC□T325... CC□W325...
	25-SCLC [®] 09	●	●	32	25		17						KAV-D25...	
	32-SCLC [®] 09	●	●	40	32		22						KAV-D32...	
	40-SCLC [®] 09	●	●	50	40	32	27	-7					KAV-D40...	

When using P chipbreaker : Right-hand Insert for Right-hand Toolholder, Left-hand Insert for Left-hand Toolholder.

● : Standard Item

KAVH-SCLP (Internal/Internal Facing, Screw Clamp)



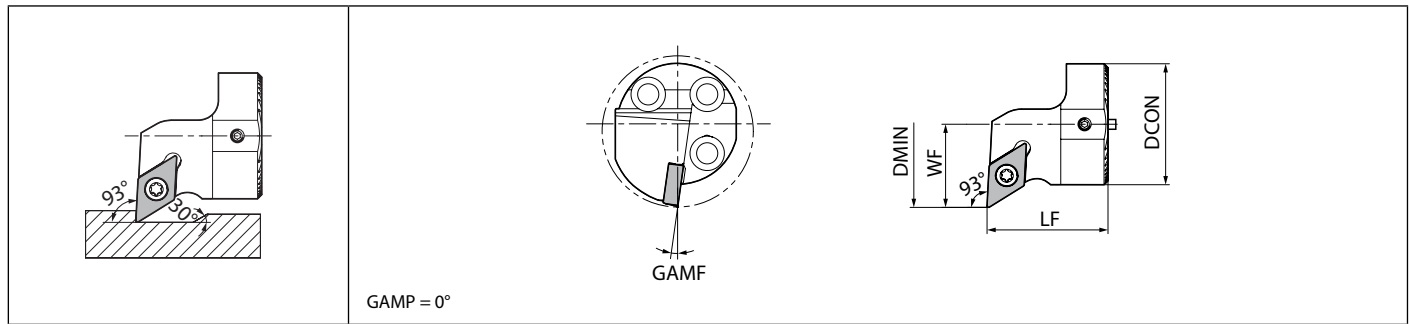
Right-hand shown | Left-hand Insert for Right-hand Toolholder, Right-hand Insert for Left-hand Toolholder.

Toolholder Dimensions

Unit	Part Number	Std. Item		Dimensions				GAMF (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts		Applicable Shank Adapter	Applicable Inserts
		R	L	DMIN	DCON	LF	WF				Screw	Wrench		
														
mm	KAVH 16-SCLP [®] 08	●	●	20	16	20	11	-5	0.4	Yes	SB-3060TR	FT-10	KAV-D16/G16...	CP□B2515..., CP□H2515... CP□T2515...
	KAVH 20-SCLP [®] 09	●	●	25	20	20	13	-5	0.4	Yes	SB-4065TR	FT-15	KAV-D20/G20...	CP□B32... CP□H32... CP□T32...
	25-SCLP [®] 09	●	●	32	25		17						KAV-D25...	
	32-SCLP [®] 09	●	●	40	32	22	KAV-D32...							
	40-SCLP [®] 09	●	●	50	40	32	27						KAV-D40...	

● : Standard Item

KAVH-SDUC (Internal Copying, Screw Clamp)



Right-hand shown | Left-hand Insert for Right-hand Toolholder, Right-hand Insert for Left-hand Toolholder.

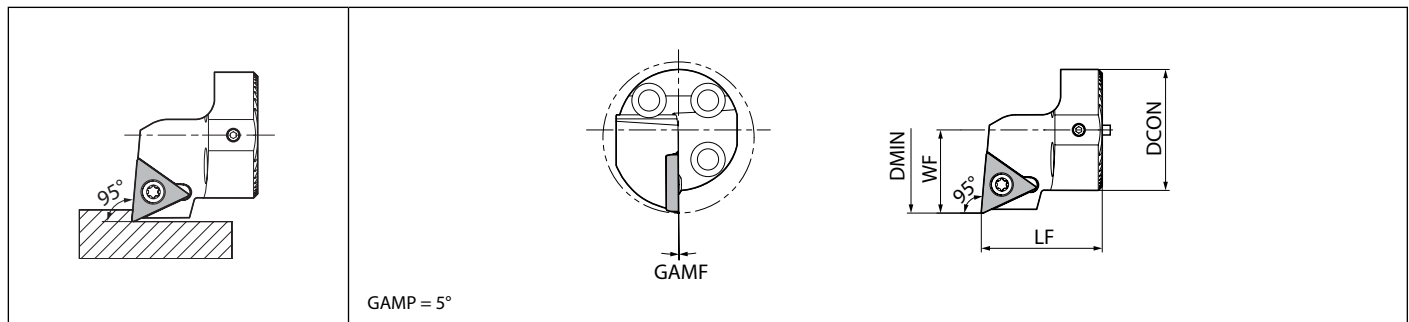
Toolholder Dimensions

Unit	Part Number	Std. Item		Dimensions				GAMP (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts		Applicable Shank Adapter	Applicable Inserts
		R	L	DMIN	DCON	LF	WF				Screw	Wrench		
														
mm	KAVH 16-SDUC $\frac{R}{L}$ 07	●	●	20	16	20	11	-7	0.4	Yes	SB-2545TR	FT-8	KAV-D16/G16...	DC□T215... DC□W215... DC□X215...
	KAVH 20-SDUC $\frac{R}{L}$ 11	●	●	25	20	20	13	-9	0.4	Yes	SB-4065TR	FT-15	KAV-D20/G20...	DC□T325... DC□W325... DC□X325...
	25-SDUC $\frac{R}{L}$ 11	●	●	32	25		17	-8					KAV-D25...	
	32-SDUC $\frac{R}{L}$ 11	●	●	40	32	32	22	-8					KAV-D32...	
	40-SDUC $\frac{R}{L}$ 11	●	●	50	40		27	-7					KAV-D40...	

When using a WP chipbreaker, you need to correct the cutting edge position or the machining program.

● : Standard Item

KAVH-STLP (Internal/Internal Facing, Screw Clamp)



Right-hand shown | Left-hand Insert for Right-hand Toolholder, Right-hand Insert for Left-hand Toolholder.

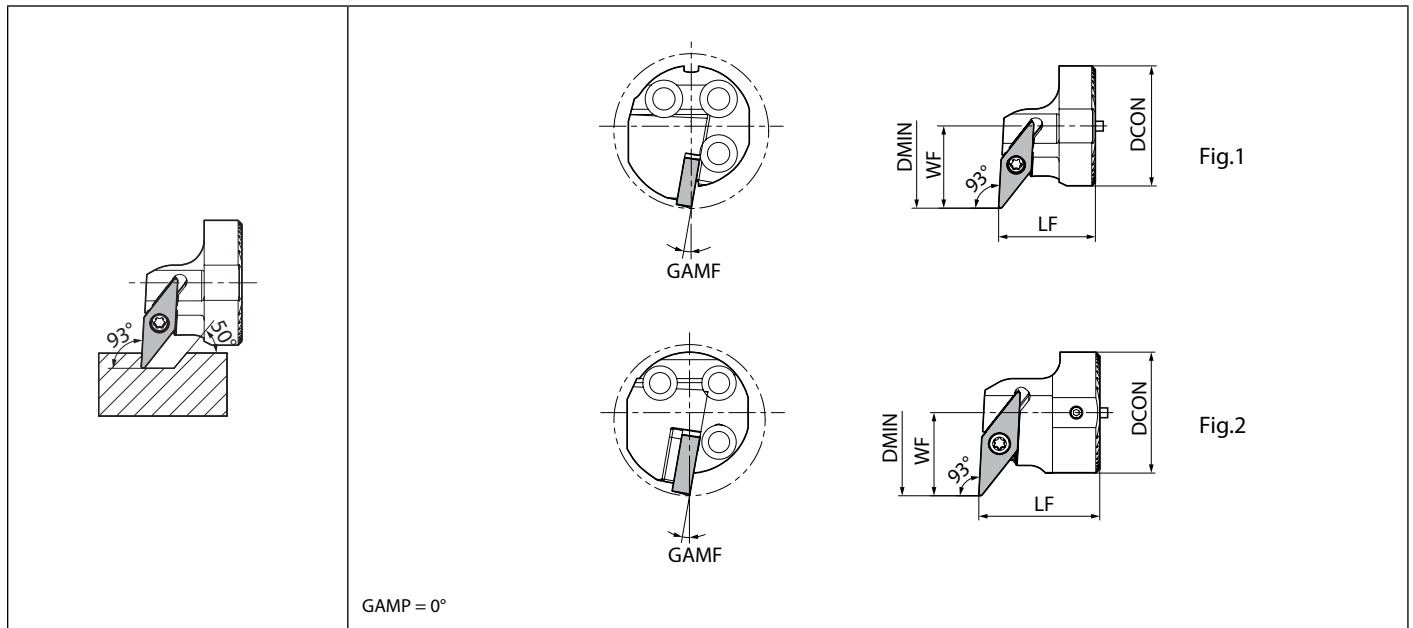
Toolholder Dimensions

Unit	Part Number	Std. Item		Dimensions				GAMP (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts		Applicable Shank Adapter	Applicable Inserts
		R	L	DMIN	DCON	LF	WF				Screw	Wrench		
														
mm	KAVH 16-STLPR/L 11	●	●	20	16	20	11	-3.5	0.4	Yes	SB-2545TR	FT-8	KAV-D16/G16...	TP□T22... TP□H22... TP□B22... TP□X22...
	20-STLPR/L 11	●	●	25	20		13	-2					KAV-D20/G20...	
	25-STLPR/L 11	●	●	32	25		17	0					KAV-D25...	
	KAVH 32-STLPR/L 16	●	●	40	32	32	22	0	0.4	Yes	SB-4065TR	FT-15	KAV-D32...	TP□T32... TP□H32... TP□B32...
	40-STLPR/L 16	●	●	50	40		27	0					KAV-D40...	

When using a WP chipbreaker, you need to correct the cutting edge position or the machining program.

● : Standard Item

When using P chipbreaker : Right-hand Insert for Right-hand Toolholder, Left-hand Insert for Left-hand Toolholder.



Right-hand shown | Left-hand Insert for Right-hand Toolholder, Right-hand Insert for Left-hand Toolholder.

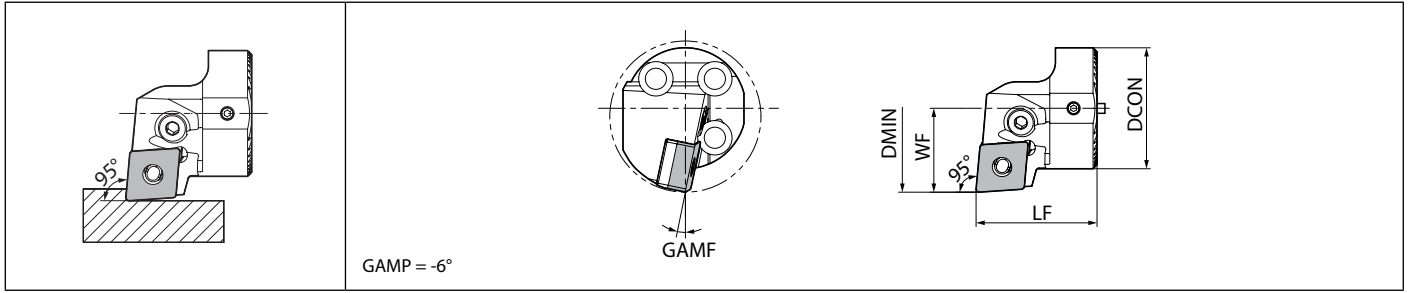
Toolholder Dimensions

Unit	Part Number	Std. Item		Dimensions				GAMP (°)	Standard Corner-R (RE)	Coolant Hole	Fig.	Spare Parts					Applicable Shank Adapter	Applicable Inserts
												Screw	Wrench	Shim	Shim Screw	Wrench		
		R	L	DMIN	DCON	LF	WF											
mm	KAVH 20-SVUB [®] 11	●	●	25	20	20	13	-10	0.4	Yes	1	SB-2570TR	FT-8	-	-	-	KAV-D16/G16...	VB□T22...
	25-SVUB [®] 11	●	●	32	25		17										KAV-D20/G20...	VB□W22...
	KAVH 32-SVUB [®] 16	●	●	40	32	32	22	-10	0.4	Yes	2	SB-40125TRN	FT-15	SVN-32N (SVN-32S*)	SS-4N	LW-4	KAV-D32...	VB□T33...
	40-SVUB [®] 16	●	●	50	40		27										-9	KAV-D40...

When using inserts with corner-R(RE) of 0.008" (0.2mm) or 1/64" (0.4mm), shim (SVN-32S) is recommended (sold separately).

● : Standard Item

KAVH-PCLN (Internal/Internal Facing, Lever Lock)



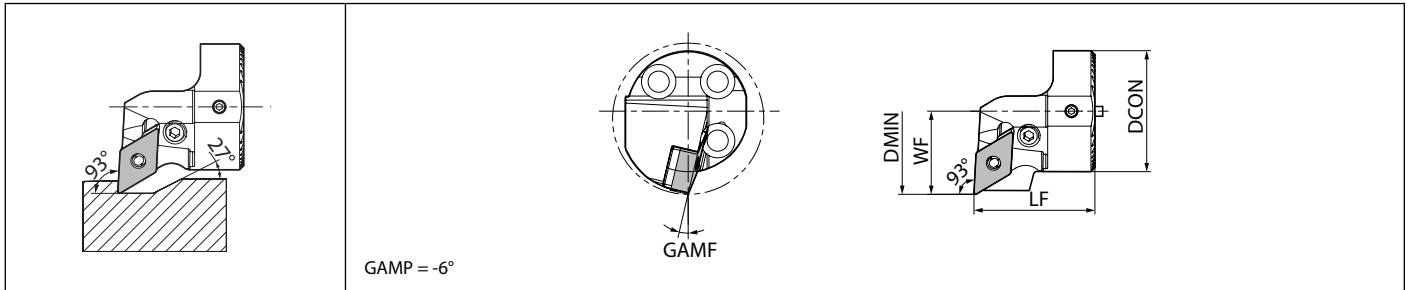
Toolholder Dimensions

Unit	Part Number		Std. Item		Dimensions			GAMF (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts						Applicable Shank Adapter	Applicable Inserts	
											Lever	Lock Screw	Punch	Shim Pin	Shim	Wrench			
			R	L	DMIN	DCON	LF				WF								
mm	KAVH	32-PCLN 12	●	●	40	32	32	22.2	-11.5	0.8	Yes	LL-2N	LS-2N	PC-2	LSP-2	LC-42N 12	LW-3	KAV-D32...	CN□A43...
		40-PCLN 12	●	●	50	40		27	-10									KAV-D40...	CN□G43... CN□M43...

Shim: LC-42NR for Right-hand toolholder, LC-42NL for Left-hand toolholder

● : Standard Item

KAVH-PDUN (Copying, Lever Lock)



Toolholder Dimensions

Unit	Part Number	Std. Item		Dimensions				GAMF (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts						Applicable Shank Adapter	Applicable Inserts
											Lever	Lock Screw	Punch	Shim Pin	Shim	Wrench		
		R	L	DMIN	DCON	LF	WF											
mm	KAVH 32-PDUN [®] 11	●	●	40	32	32	22	-13	0.4	Yes	LL-1DN	LS-1SN	PC-1	LSP-1	LD-32N	FH-2.5	KAV-D32...	DN□G33...

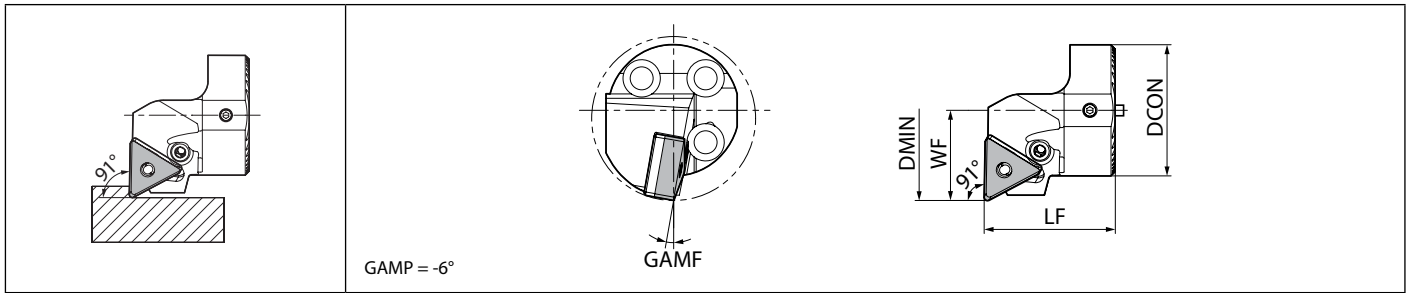
Unit	Part Number	Std. Item		Dimensions				GAMP (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts					Applicable Shank Adapter	Applicable Inserts
		R	L	DMIN	DCON	LF	WF				Lock Pin	Wrench	Shim	Screw	Wrench		
																	
mm	KAVH 32-PDUN [®] 15	●	●	40	32	32	22	-12.5	0.8	Yes						KAV-D32...	DN□A43... DN□G43... DN□M43... DN□X43...
	40-PDUN [®] 15	●	●	50	40		27									KAV-D40...	

When using a WP chipbreaker, you need to correct the cutting edge position or the machining program.

When using inserts with corner-R (RE) greater than 1/16" (1.6mm), additional modifications to the shim are necessary to prevent workpiece and shim from interfering with each other.

● : Standard Item

KAVH-PTFN (Internal, Lever Lock)



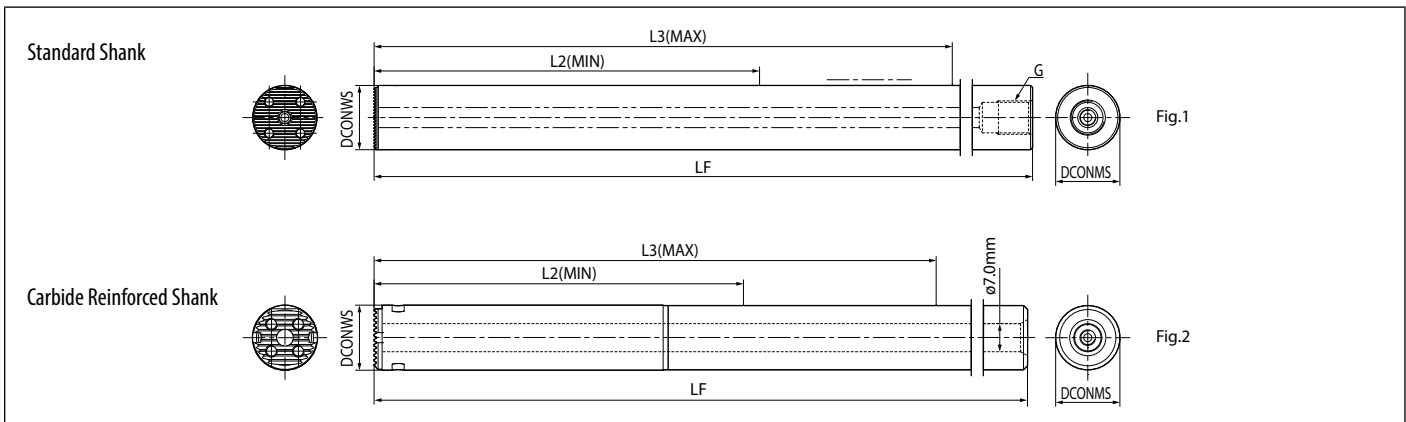
Toolholder Dimensions

Unit	Part Number	Std. Item		Dimensions				GAMP (°)	Standard Corner-R (RE)	Coolant Hole	Spare Parts						Applicable Shank Adapter	Applicable Inserts
		R	L	DMIN	DCON	LF	WF				Lever	Lock Screw	Punch	Shim Pin	Shim	Wrench		
mm	KAVH 32-PTFN $\frac{R}{L}$ 16	●	●	40	32	32	22	-10	0.8	Yes							KAV-D32...	TN□A33... TN□G33... TN□M33... TN□X33...
	40-PTFN $\frac{R}{L}$ 16	●	●	50	40		27	-9									KAV-D40...	

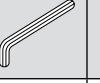
When using inserts with corner-R (RE) greater than 1/16" (1.6mm), shim (LT-32N-20) is recommended (sold separately).

● : Standard Item

Boring Bar Shank Adapter



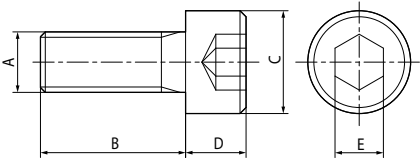
Toolholder Dimensions

Unit	Part Number		Std. Item	Dimensions						Fig.	Spare Parts		
				DCONWS	DCONMS	G	LF	L2 (Min.) Minimum Overhang Length	L3 (Max.) Maximum Overhang Length		Head Fastening Bolts (3 pcs)	Wrench	O-Ring
													
mm	Standard Shank	KAV- D16-7D	●	16	16	G1/8	157.5	44	92	1	HH3X10S	LW-2.5	-
		D20-7D	●	20	20	G1/4	201.5	60	120		HH3.5X10S		
		D25-7D	●	25	25		256.5	80	155		HH4X12S	LW-3	
		D25-10D	●			331.5	155	230	HH5X12		LW-4	GR-006-2	
		D32-7D	●	32	32	G3/8	321.5	96					192
		D32-10D	●				417.5	192	288				
		D40-7D	●	G1/2	409.5	128	248	HH6X12	LW-5				
		D40-10D	●		40	40	529.5				248	368	
	Carbide Reinforced Shank	KAV- G16-10D	●	16.2	16	-	205.5	92	140	2	HH3X10S	LW-2.5	-
		G20-10D	●	20.2	20		261.5	120	180		HH3.5X10S		

If cutting the back end, consider the length of the shank grip in addition to the amount of overhang length: See Page 15.

● : Standard Item

Head Fastening Bolt

Shape	Part Number	Std. Item	Dimensions (mm)					Tightening Torque [N·m]
			A	B	C	D	E	
	HH3X10S	●	M3X0.5	10	5	3	2.5	2.2
	HH3.5X10S	●	M3.5X0.6	10	5.5	3	2.5	2.2
	HH4X12S	●	M4X0.7	12	7	4	3	3.0
	HH5X12	●	M5X0.8	12	8.5	5	4	5.0
	HH6X12	●	M6X1.0	12	10	6	5	8.5

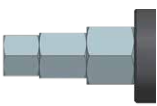
● : Standard Item

Internal Coolant: Piping Connections

1 Screw standard for shank back end (pipe connection)

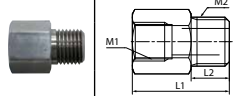
- The thread standard depends on the description. Please refer to the dimension chart "G" on **Page 12** when using commercially available piping parts.
- When using our piping components, they must be converted to **"UNF3/8" or "G1/8."**
Check the table below and select the required joint parts (sold separately).

● Steel shank (Pressure ~ 1,015 psi)

Type	Thread Standards and Conversion Joints	
ø16-7D	G1/8	
ø20-7D ø25-7D/10D	G1/8 ⇐ G1/4 J-ST-G1/4-G1/8	
ø32-7D/10D	G1/8 ⇐ G1/4 ⇐ G3/8 J-ST-G3/8-G1/4 J-ST-G1/4-G1/8	
ø40-7D/10D	G1/8 ⇐ G1/4 ⇐ G3/8 ⇐ G1/2 J-ST-G1/2-G3/8 J-ST-G3/8-G1/4 J-ST-G1/4-G1/8	

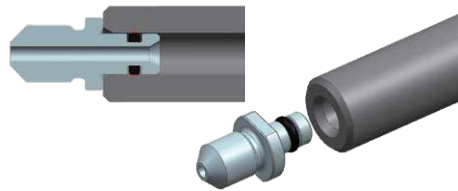
If a leak occurs, use a commercially available washer.

Joint

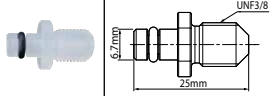
Shape	Part Number	Std. Item	M1	M2	L1	L2
	J-ST-G1/4-G1/8	●	G1/8	G1/4	27	12
	J-ST-G3/8-G1/4	●	G1/4	G3/8	33	13
	J-ST-G1/2-G3/8	●	G3/8	G1/2	37	17

● : Standard Item

● Carbide reinforced shank (Pressure ~ 145 psi)

Type	Thread Standards and Conversion Joints
ø16-10D ø20-10D	 UNF3/8 ⇐ ø7mm Straight Hole *The shank side is not threaded.

Resin joint (with O-ring)

Shape	Part Number	Std. Item	Thread Standard
	PR07-ST-UNF3/8	●	UNF3/8

You can order only the included O-ring (GR-004-2).

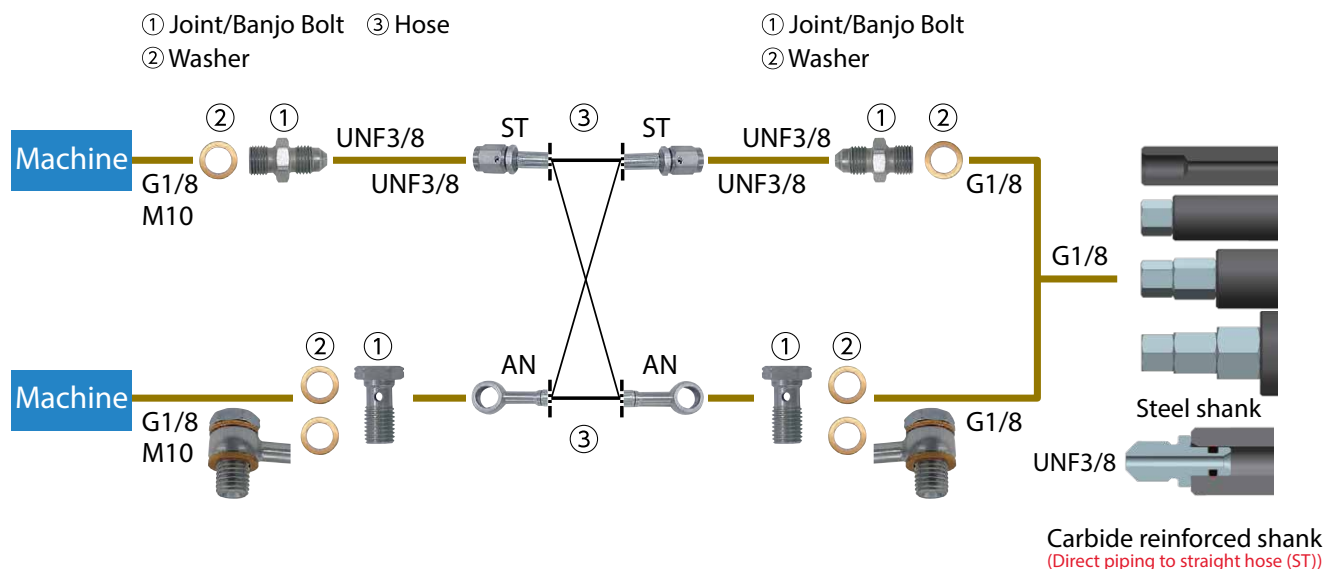
● : Standard Item

② How to connect when using our plumbing parts

Easy to use with high pressure capable hoses and joints

- Can be used as internal coolant at normal pressure without a high-pressure pump unit
- Banjo bolts for angle hoses available. Supports a wide variety of machines.

< Piping Installation Guide >



Optional piping parts available (sold separately)

Choose from parts below to match your machine specifications and piping method.

① Joint or banjo bolt × 2, ② 2 ~ 4 washers, ③ 1 hose

① Joint/Banjo Bolt

Pressure: ~ 4351 PSI

Shape	Part Number	Std. Item	Thread Standard
			Thread connection to the machine
	J-G1/8-UNF3/8	●	G1/8
	J-M10X1.5-UNF3/8	●	M10X1.5
Banjo bolt available for angled hose connection 	BB-G1/8	●	G1/8
	BB-M10X1.5	●	M10X1.5

● : Standard Item

② Washer

Pressure: ~ 4351 PSI

Shape	Part Number	Std. Item
	WS-10	●

*Two washers are required when using banjo bolts

● : Standard Item

③ Hose

Pressure: ~ 4351 PSI

Shape	Part Number	Std. Item	Thread Standard		Dimension (mm)
					L
Straight/Straight 	HS-ST-ST-200	●	UNF3/8	UNF3/8	200
	HS-ST-ST-250	●			250
Straight/Angle 	HS-ST-AN-200	●	UNF3/8	— (Banjo Bolt)	200
	HS-ST-AN-250	●			250
Angle/Angle 	HS-AN-AN-200	●	— (Banjo Bolt)	— (Banjo Bolt)	200
	HS-AN-AN-250	●			250

● : Standard Item

Precautions

1. Make sure machine door is completely closed before use of these parts.
2. Use appropriate seal for the male thread of the piping parts and make sure the connection is secure. Use plugs to seal off unused coolant holes.
3. Connect and fasten the coolant hose firmly.
4. The use of copper washers may cause leakage but will have no effect on the performance.
5. Commercial piping parts can be used if the thread standards are same. Check the pressure resistance before use.
6. Regularly changing the coolant filter is recommended.

Precautions

About the Dedicated E-Sleeve

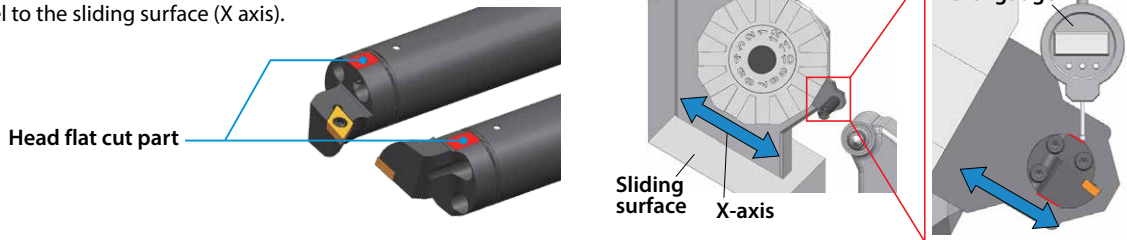
The shank does not have a flat cut. In order to ensure vibration-proof performance, we recommend using a special sleeve (SHS ****_**) that is sold separately.



How to adjust cutting edge position

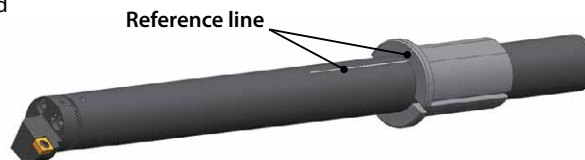
When using a head flat cut part

After attaching the tool to the machine, move the tool turret against the flat cut part of the head with a dial gauge, etc., and make sure that it is parallel to the sliding surface (X axis).



When using the reference lines of the shank/dedicated sleeve (E-Sleeve)

Align the reference lines printed on the shank and the dedicated sleeve (SHS ****_**). It is easier to adjust the cutting edge position than using the flat on the head to align.



Recommendations for internal coolant

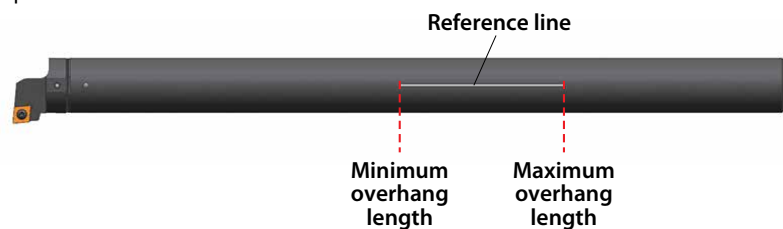
Under high temperatures, the anti-vibration mechanism may deteriorate or become damaged. Please use with **internal coolant**. The coolant pressure resistance of the shank is 1015 PSI. However, when using coolant parts (PR07-ST-UNF 3/8) for internal coolant in the carbide reinforced shank (KAV-G ***), the coolant pressure is 145 PSI. Please be careful.



Available overhang length range

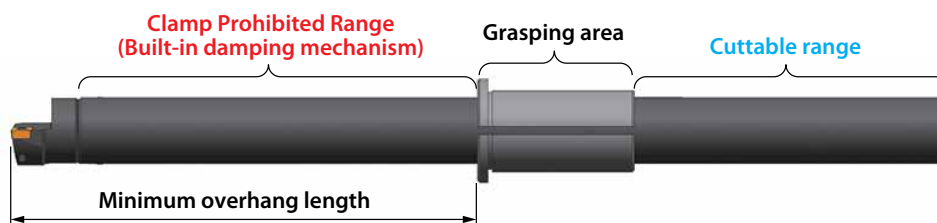
Available overhang length is set for this tool. To adjust the overhang length, please use the reference line printed on the shank.

Available overhang length range		
Part Number	Minimum overhang length	Maximum overhang length
KAV-***-10D	Shank diameter $\times$ 7	Shank diameter $\times$ 10
KAV-***-7D	Shank diameter $\times$ 4	Shank diameter $\times$ 7



Shank cut

If the shank needs to be cut or modified, do so within the cutting range and do not clamp the built-in damping mechanism.



- Use the appropriate inserts and parts. Use of damaged parts may result in tool breakage and injury.
- Do not touch the cutting edge of the insert directly with your bare hands. There is a risk of injury.
- Make sure that there are no foreign materials such as chips in the insert seating area, serrated area, or shank grip area before mounting.
- Do not use the product under chattering conditions. This can lead to damage of the built-in damping mechanism.
- If tool falls or hits the part while machining, do not use it. The impact can cause tool damage and lead to large chattering.
- Avoid high humidity and store at room temperature (about 20°C).

| Anti-Vibration |

Max L/D = 10



KYOCERA Precision Tools

238 Marc Drive

Cuyahoga Falls, OH 44223

Customer Service | 800.823.7284 - Option 1

Technical Support | 800.823.7284 - Option 2



Official Website | www.kyoceraprecisiontools.com

Distributor Website | portal.kyoceraprecisiontools.com

Email | ctsales@kyocerapti.com

©KYOCERA Precision Tools
03/2026