

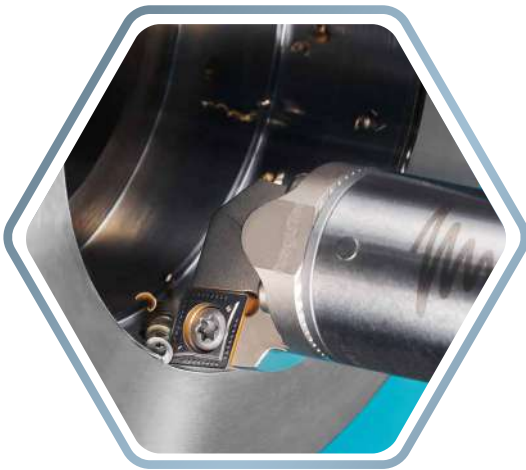
NPN

New Product News



HUSHBORE
ANTI VIBRATION BAR

**Extended Length 12xD & 14xD Shanks
for the Anti-vibration Boring Bar Line**



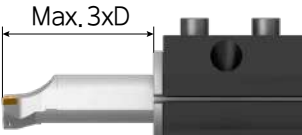



KEY POINT

TaeguTec introduces shanks capable of machining up to 14xD depth for the anti-vibration HUSH-BORE line.

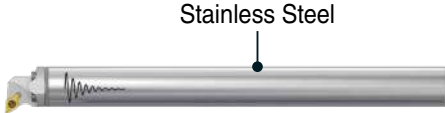



Since its introduction, the anti-vibration HUSH-BORE line, which can do deep internal machining, has received favorable feedback from many customers. TaeguTec offers even deeper internal machining solutions by incorporating 12xD and 14xD shanks in addition to the already existing 7xD and 10xD shanks.

The steel and carbide-based 12xD and 14xD shanks offer outstanding machining performance even during deep internal machining because they have improved rigidity and hardness, which prevent shank breakage caused by bending.

Internal machining series' maximum machining depths:

Steel shank	 <p>Max. 3xD</p>
Carbide shank	 <p>Max. 5xD</p>
	 <p>Max. 14xD</p> <p>anti-vibration</p>

HUSH-BORE shank material:

7xD, 10xD Steel shank	 <p>Stainless Steel</p>
10xD Carbide shank (Ø16, 20)	 <p>Stainless Steel Carbide</p>
 12xD, 14xD Carbide shank	 <p>Stainless Steel Carbide Stainless Steel</p>

HUSH-BORE NPNs

For detailed information regarding the HUSH-BORE series, refer to our previous NPNs.

- HUSH-BORE heads and shanks (Ø16-60) NPN



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- HUSH-BORE sleeve NPN



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- HUSH-BORE heads and shanks (Ø80) NPN



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QS

Anti-vibration shanks for boring

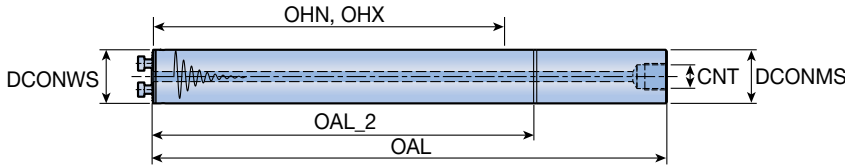


Fig. 1

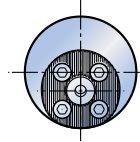
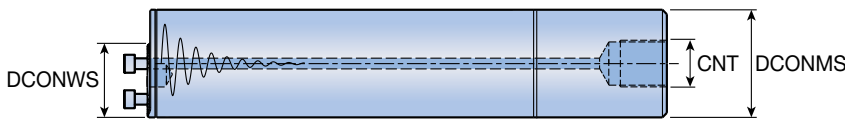


Fig. 2

Designation	Dimension (mm)							Coolant hole	Fig.
	DCONMS	DCONWS	OAL	OAL_2	OHN	OHX	CNT		
QS16A-7D	16	16	156.3	100	55	92	G 1/8	●	1
QS16E-10D ⁽¹⁾	16	16	204.3	-	96	140	-	●	1
QS20A-7D	20	20	200.3	125	70	120	G 1/4	●	1
QS20E-10D ⁽¹⁾	20	20	260.3	-	120	180	-	●	1
QS25A-7D	25	25	257.5	155	88	155	G 1/4	●	1
QS25A-10D	25	25	332.5	255	155	230	G 1/4	●	1
QS25E-12D ⁽¹⁾ new	25	25	380.0	-	230	280	G 1/8	●	1
QS25E-14D ⁽¹⁾ new	25	25	430.0	-	280	330	G 1/8	●	1
QS32A-7D	32	32	323.0	190	120	192	G 3/8	●	1
QS32A-10D	32	32	419.0	320	192	288	G 3/8	●	1
QS32E-12D ⁽¹⁾ new	32	32	480.0	-	288	352	G 1/4	●	1
QS32E-14D ⁽¹⁾ new	32	32	544.0	-	352	416	G 1/4	●	1
QS40A-7D	40	40	411.0	240	128	251	G 1/2	●	1
QS40A-10D	40	40	531.0	410	248	368	G 1/2	●	1
QS40E-12D ⁽¹⁾ new	40	40	608.0	-	368	448	G 3/8	●	1
QS40E-14D ⁽¹⁾ new	40	40	688.0	-	448	528	G 3/8	●	1
QS50A-7D	50	40	523.0	305	168	318	G 1/2	●	2
QS50A-10D	50	40	673.0	520	318	468	G 1/2	●	2
QS50E-12D ⁽¹⁾ new	50	40	768.0	-	468	568	G 1/2	●	2
QS50E-14D ⁽¹⁾ new	50	40	868.0	-	568	668	G 1/2	●	2
QS60A-7D	60	40	633.0	380	208	388	G 3/4	●	2
QS60A-10D	60	40	813.0	630	388	568	G 3/4	●	2
QS60E-12D ⁽¹⁾ new	60	40	920.0	-	588	688	G 3/4	●	2
QS60E-14D ⁽¹⁾ new	60	40	1040.0	-	688	808	G 3/4	●	2

- ⁽¹⁾ Carbide shank
- OHN: Minimum overhang
- OHX: Maximum overhang
- OAL_2: Minimum length after shortening(only steel bar can be shortened)

Spare parts

Designation	Screw	Wrench			
QS16	SH M3x0.5X10	L-W 2.5			
QS20	SH M3.5x0.6X10	L-W 2.5			
QS25	SH M4x0.7X12	L-W 3			
QS32	SH M5x0.8X12	L-W 4			
QS40/50/60	SH M6x1X16	L-W 5			

