



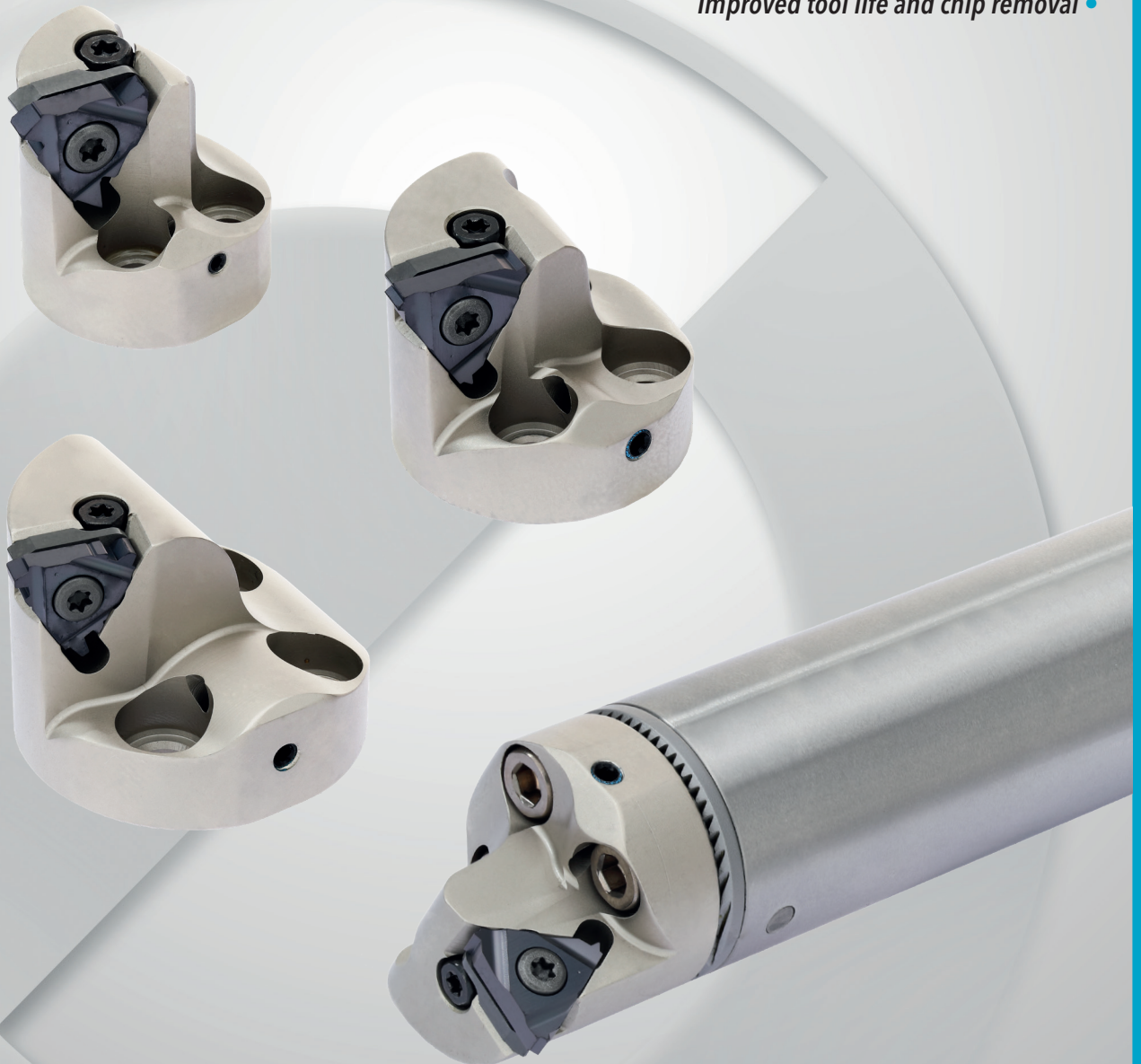
WINSFEED

TMMODULAR

MODULAR THREADING HEADS

NEW HEADS FOR DEEP INTERNAL THREADING

- Modular threading heads for 16 & 22 IR/L inserts
- Fitting to TAbsorber shanks and head changeable CAdapters
- Pinpointed coolant supply to the insert's cutting edge
- Improved tool life and chip removal



Product Overview

New modular threading heads for TAbsorber head changeable vibration free boring bar line.

To further diversify the TModular family's range, Ingersoll has added modular threading heads for both 16 IR/L... and 22 IR/L... inserts.

The new modular heads are compatible with both TAbsorber shanks and CAdapters with TModular head connections.

Technical Features & Advantages

- Modular heads for the 16 IR/L... and 22 IR/L... inserts
- Applicable inserts:
 - 16IR, 16IRB, 16IRM, 16IL,
 - 22IR, 22IRM, 22IL
- Available shank sizes: Ø25 mm, Ø32 mm and Ø40 mm
- Compatible with C-Adapters using TModular head connections
- Coolant directed to the cutting edge improves chip evacuation and tool life.

Head Designation System

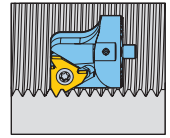
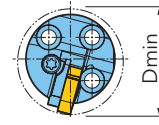
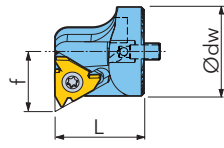
DTC - D32 - SIR - 16





1 2 3 4

- 1 – TModular head
- 2 – Shank connection sizes (dw) Ø25, 32, 40 mm
- 3 – Head type (same as standard boring bars)
- 4 – Insert seat size 16 and 22



MODULAR THREADING HEAD WITH SCREW CLAMPING FOR ANTI-VIBRATION BORING BARS

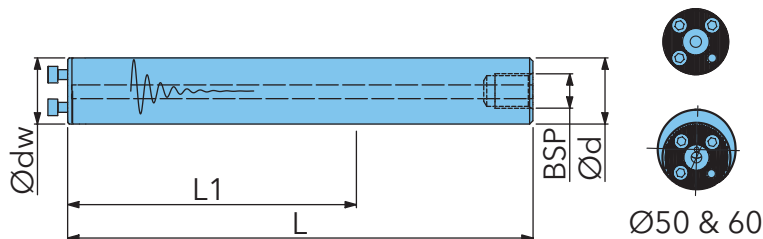


Designation	D min.	dw	L	f	kg	IK				
DTC-D25-SIL-16	29	25	26	16,2	0,092	✓	16 IL_	S16	A16	AI16
DTC-D32-SIL-16	36	32	27	19,7	0,137	✓	16 IL_	S16	A16	AI16
DTC-D40-SIL-16	44	40	30	23,7	0,213	✓	16 IL_	S16	A16	AI16
DTC-D32-SIL-22	38	32	32	21,6	0,151	✓	22 IL_	S22	A22	AI22
DTC-D40-SIL-22	46	40	38	25,6	0,252	✓	22 IL_	S22	A22	AI22
DTC-D25-SIR-16	29	25	26	16,2	0,092	✓	16 IR_	S16	A16	AE16
DTC-D32-SIR-16	36	32	27	19,7	0,137	✓	16 IR_	S16	A16	AE16
DTC-D40-SIR-16	44	40	30	23,7	0,213	✓	16 IR_	S16	A16	AE16
DTC-D32-SIR-22	38	32	32	21,6	0,151	✓	22 IR_	S22	A22	AE22
DTC-D40-SIR-22	46	40	38	25,6	0,252	✓	22 IR_	S22	A22	AE22

① = insert screw ② = clamp screw ③ = shim

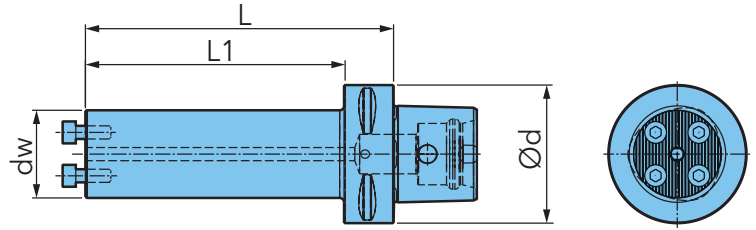
TABSORBER DTA-7D / 10D (ADAPTION)



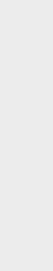
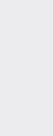
ANTI-VIBRATION BORING BAR WITH INTERNAL COOLANT FOR MODULAR HEADS



Designation	d	dw	L	L1	BSP	IK
DTA-D16-7D-C	16	16	156	92	-	✓
DTA-D16-10D-E	16	16	204	140	G1/8	✓
DTA-D20-7D-C	20	20	200	120	-	✓
DTA-D20-10D-E	20	20	260	180	G1/4	✓
DTA-D25-7D-C	25	25	255	155	G1/4	✓
DTA-D25-10D-C	25	25	330	230	G1/4	✓
DTA-D32-7D-C	32	32	320	192	G3/8	✓
DTA-D32-10D-C	32	32	416	288	G3/8	✓
DTA-D40-7D-C	40	40	408	248	G1/2	✓
DTA-D40-10D-C	40	40	528	368	G1/2	✓
DTA-D50-7D-C	50	40	518	318	G1/2	✓
DTA-D50-10D-C	50	40	668	468	G1/2	✓
DTA-D60-7D-C	60	40	628	388	G3/4	✓
DTA-D60-10D-C	60	40	808	568	G3/4	✓

CAPTO ADAPTION FOR MODULAR HEADS



Designation	d	dw	L	L1				
C4-DTA-16A-2.5D	40	16	40	20	0,310	✓	SH M3X0.5X10	L-W 2.5
C4-DTA-20A-2.5D	40	20	50	30	0,345	✓	SH M3.5X0.6X10	L-W 2.5
C4-DTA-25A-2.5D	40	25	55	35	0,405	✓	SH M3.5X0.6X10	WS-0060
C4-DTA-32A-2.5D	40	32	75	55	0,615	✓	SH M5x0.8x12	L-W 4
C4-DTA-40A-3D	40	40	80	80	0,845	✓	SH M6x1x16	L-W 5
C5-DTA-16A-2.5D	50	16	40	20	0,510	✓	SH M3X0.5X10	L-W 2.5
C5-DTA-20A-2.5D	50	20	50	30	0,580	✓	SH M3.5X0.6X10	L-W 2.5
C5-DTA-25A-2.5D	50	25	55	35	0,645	✓	SH M3.5X0.6X10	WS-0060
C5-DTA-32A-2.5D	50	32	75	55	0,825	✓	SH M5x0.8x12	L-W 4
C5-DTA-40A-3D	50	40	100	80	1,265	✓	SH M6x1x16	L-W 5
C6-DTA-16A-2.5D	63	16	40	18	0,865	✓	SH M3X0.5X10	L-W 2.5
C6-DTA-20A-2.5D	63	20	50	28	0,900	✓	SH M3.5X0.6X10	L-W 2.5
C6-DTA-25A-2.5D	63	25	65	43	0,980	✓	SH M3.5X0.6X10	WS-0060
C6-DTA-32A-3D	63	32	90	68	1,235	✓	SH M5x0.8x12	L-W 4
C6-DTA-32A-4D	63	32	125	103	1,445	✓	SH M5x0.8x12	L-W 4
C6-DTA-40A-3D	63	40	100	78	1,580	✓	SH M6x1x16	L-W 5
C6-DTA-40A-4D	63	40	140	118	1,965	✓	SH M6x1x16	L-W 5
C6-DTA-16E-5D	63	16	80	58	0,945	✓	SH M3X0.5X10	L-W 2.5
C6-DTA-20E-5D	63	20	100	78	1,065	✓	SH M3.5X0.6X10	L-W 2.5
C6-DTA-25E-5D	63	25	115	93	1,265	✓	SH M3.5X0.6X10	WS-0060
C6-DTA-32E-5D	63	32	150	128	1,750	✓	SH M5x0.8x12	L-W 4
C6-DTA-40E-5D	63	40	185	163	2,635	✓	SH M6x1x16	L-W 5

① = clamp screw ② = wrench

Ingersoll Cutting Tools

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