



Carbide A-Tap Series

A-CSF • A-CHT

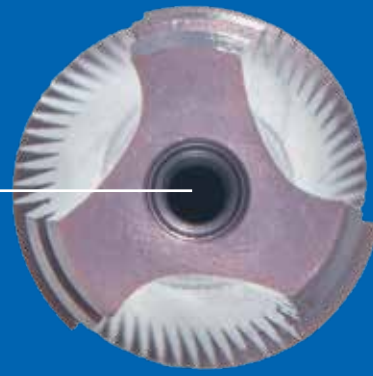
Volume 1



KEY FEATURES: A-CSF • A-CHT



Top view | Conventional tap



Top view | A-CSF

1 Enlarged oil hole for excellent coolant flow

2 FX coating for high wear resistance

3 Ultra-fine grain carbide



High rigidity prevents tool breakage

Tool	A-CSF M10 x 1,5	Torque Strength			Tool
Work Material	FCD600	3.000	6.000	9.000	
Drill Hole Size	Ø8,5 x 20mm (Blind Hole)				A-CSF
Tapping length	15 mm				
Cutting Speed	10m/min				Conventional
Coolant	Water Soluble Chlorine-Free (10%)				
Machine	Vertical Synchronized Machining Center				
Type of Lubricant Supply	Internal (3MPa)				

Coolant flow amount by time

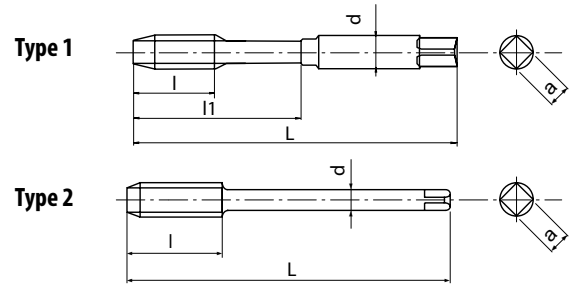
Tool	A-CSF M6 x 1	Coolant flow (ml/minute)							Tool		
Spindle Speed	1.000 min ⁻¹	200	400	600	800	1.000	1.200	1.400		1.600	1.800
Coolant	Water Soluble Chlorine-Free (10%)								A-CSF		
Coolant Pressure	1 MPa										
Time of Lubricant Supply	60 seconds								Competitor		
	A-CSF										
	Competitor										

Stable and consistent performance

Tool	A-CHT M6 x 1	Tapping Holes				Tool
Work Material	FCD400	1.000	2.000	3.000	4.000	
Drill Hole Size	Ø5 x 16mm (Blind Hole)					A-CHT
Tapping length	12 mm					
Cutting Speed	30m/min					Conventional
Coolant	Water Soluble Chlorine-Free (10%)					
Machine	Horizontal Synchronized Machining Center					
Type of Lubricant Supply	Internal (2MPa)					

A-CHT OIL Center NEW

Threading | Cutting taps | Metric



- First choice in quality and performance
- Carbide straight flute cutting tap for blind holes
- TiAlN coating
- For cast iron and cast aluminium
- Centre through coolant

Threading | Cutting taps

K GG	K GGG	N AC,ADC	
10-100	10-100	10-100	m/min

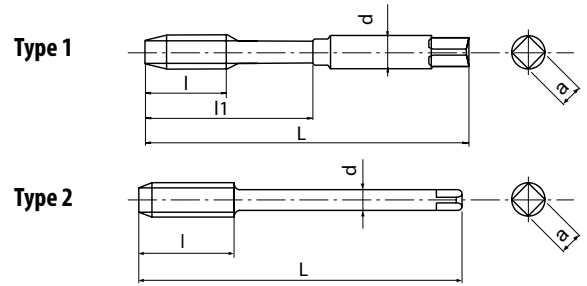
A	M	CARBIDE	FX	ISO 2 6HX	C/2,5			DIN 371	DIN 376
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Metric

EDP	M	P	L	I	I1	d	a	Z	Type	DIN	Price
48264149	5	0,8	70	10	25	6	4,9	3	1	DIN371	
48264155	6	1	80	12	30	6	4,9	3	1	DIN371	
48264161	8	1,25	90	15	35	8	6,2	4	1	DIN371	
48264169	10	1,5	100	18	39	10	8	4	1	DIN371	
48264179	12	1,75	110	21	-	9	7	4	2	DIN376	

A-CHT OIL Side NEW

Threading | Cutting taps | Metric



- First choice in quality and performance
- Carbide straight flute cutting tap for through holes
- TiAlN coating
- For cast iron and cast aluminium
- Side through coolant

K GG 10-100
 K GGG 10-100
 N AC,ADC 10-100
 m/min

A
M
CARBIDE
FX
ISO 2 6HX
C/2,5

DIN 371
DIN 376

EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48265149	5	0,8	70	10	25	6	4,9	3	1	DIN371	
48265155	6	1	80	12	30	6	4,9	3	1	DIN371	
48265161	8	1,25	90	15	35	8	6,2	4	1	DIN371	
48265169	10	1,5	100	18	39	10	8	4	1	DIN371	
48265179	12	1,75	110	21	-	9	7	4	2	DIN376	

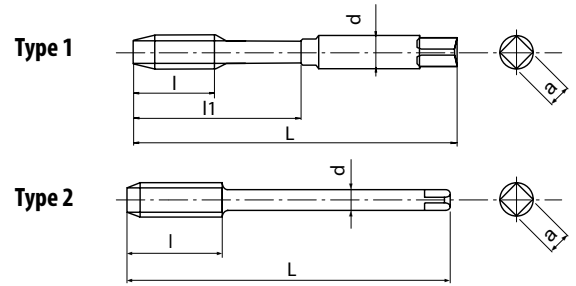
Threading | Cutting taps



Metric

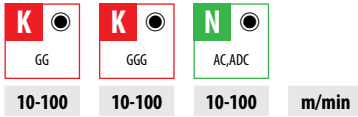
A-CHT OIL FORM E NEW

Threading | Cutting taps | Metric



- First choice in quality and performance
- Carbide straight flute cutting tap for blind holes
- TiAlN coating
- For cast iron and cast aluminium
- Centre through coolant, Form E chamfer

Threading | Cutting taps

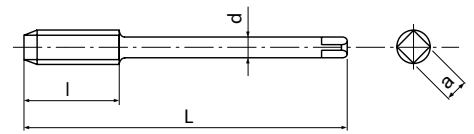


EDP	M	P	L	l	l ₁	d	a	Z	Type	DIN	Price
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48263155	6	1	80	12	30	6	4,9	3	1	DIN371	
48263161	8	1,25	90	15	35	8	6,2	4	1	DIN371	
48263169	10	1,5	100	18	39	10	8	4	1	DIN371	
48263179	12	1,75	110	21	-	9	7	4	2	DIN376	

Metric

A-CHT OIL Center NEW

Threading | Cutting taps | Metric Fine



- First choice in quality and performance
- Carbide straight flute cutting tap for blind holes
- TiAlN coating
- For cast iron and cast aluminium
- Centre through coolant

K GG	K GGG	N AC,ADC
10-100	10-100	10-100

m/min

A	MF	CARBIDE	FX	ISO 2 6HX	C/2,5			DIN 374
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EDP	MF	P	L	l	d	a	Z	DIN	Price
48264162	8	1	90	15	6	4,9	4	DIN374	
48264171	10	1	90	18	7	5,5	4	DIN374	
48264180	12	1,5	100	21	9	7	4	DIN374	
48264182	12	1	100	21	9	7	4	DIN374	
48264192	14	1,5	100	24	11	9	4	DIN374	
48264203	16	1,5	100	24	12	9	4	DIN374	
48264230	20	1,5	125	30	16	12	4	DIN374	

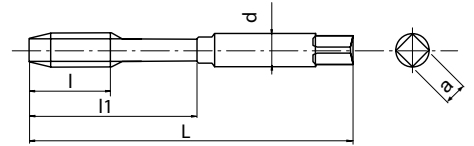
Threading | Cutting taps
Metric Fine

A-CSF OIL NEW

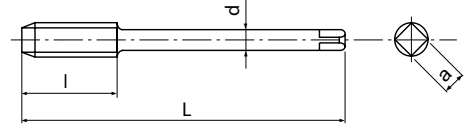
Threading | Cutting taps | Metric



Type 1

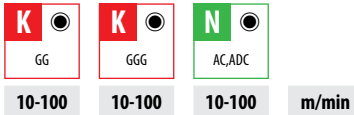


Type 2



- First choice in quality and performance
- Carbide spiral-fluted cutting tap for blind holes
- TiAlN coating
- For cast iron and cast aluminium
- Centre through coolant

Threading | Cutting taps

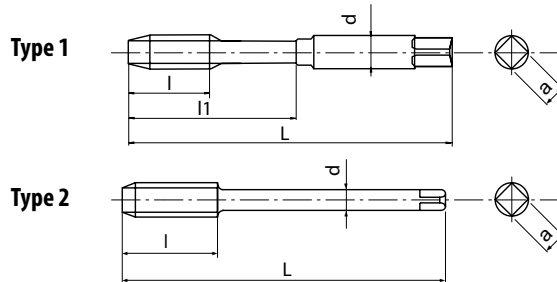


Metric

EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48267149	5	0,8	70	10	25	6	4,9	3	1	DIN371	
48267155	6	1	80	12	30	6	4,9	3	1	DIN371	
48267161	8	1,25	90	15	35	8	6,2	3	1	DIN371	
48267169	10	1,5	100	18	39	10	8	3	1	DIN371	
48267179	12	1,75	110	21	-	9	7	3	2	DIN376	

A-CSF OIL FORM E NEW

Threading | Cutting taps | Metric



- First choice in quality and performance
- Carbide spiral-fluted cutting tap for blind holes
- TiAlN coating
- For cast iron and cast aluminium
- Centre through coolant, Form E chamfer

K GG	K GGG	N AC,ADC
10-100	10-100	10-100
m/min		

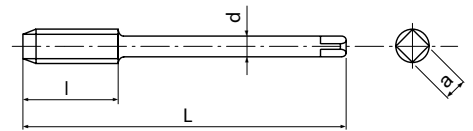
A	M	CARBIDE	FX	15°	ISO 2 6HX	E/1,5	DIN 371	DIN 376
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EDP	M	P	L	l	l1	d	a	Z	Type	DIN	Price
48266149	5	0,8	70	10	25	6	4,9	3	1	DIN371	
48266155	6	1	80	12	30	6	4,9	3	1	DIN371	
48266161	8	1,25	90	15	35	8	6,2	3	1	DIN371	
48266169	10	1,5	100	18	39	10	8	3	1	DIN371	
48266179	12	1,75	110	21	-	9	7	3	2	DIN376	

Threading | Cutting taps
Metric

A-CSF OIL FORM E NEW

Threading | Cutting taps | Metric Fine



- First choice in quality and performance
- Carbide spiral-fluted cutting tap for blind holes
- TiAlN coating
- For cast iron and cast aluminium
- Centre through coolant, Form E chamfer

K GG	K GGG	N AC,ADC	m/min
10-100	10-100	10-100	

A | **MF** | **CARBIDE** | **FX** | **15°** | **ISO 2 6HX** | **E/1,5** | | | **DIN 374**

EDP	MF	P	L	l	d	a	Z	DIN	Price
48266162	8	1	90	15	6	4,9	3	DIN374	
48266171	10	1	90	18	7	5,5	3	DIN374	
48266180	12	1,5	100	21	9	7	3	DIN374	
48266182	12	1	100	21	9	7	3	DIN374	
48266192	14	1,5	100	24	11	9	4	DIN374	
48266203	16	1,5	100	24	12	9	4	DIN374	

Threading | Cutting taps
Metric Fine



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shaping your dreams

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