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 Астана (7172)727-132
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 Барнаул (3852)73-04-60
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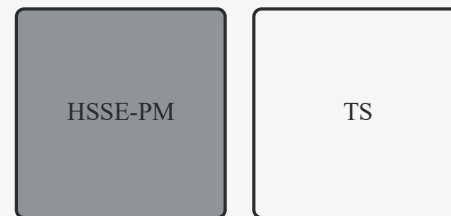
Казахстан (772)734-952-31

<https://fanar.nt-rt.ru/> || frk@nt-rt.ru

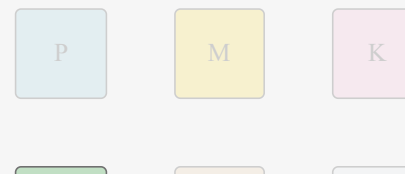
GAL

Group of taps with geometry and micro-geometry designed for machining of cast aluminium of high silicon content $\geq 12\%$ Si.

Tool is made of **HSSE-PM** steel obtained in technology of powder metallurgy to guarantee homogenous structure that promotes high resistance to wear and tear.



Application



Variants

Variant

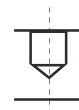
Type of hole

Type of chamfer

Type of grooves

Execution standard

C-R15-TS



C (2-3P)

R15

DIN-371

C-R15-TS



C (2-3P)

R15

DIN-374/DIN-376

E-R15-IK-TS



E (1,5-2P)

R15

DIN-371

E-R15-IK-TS



E (1,5-2P)

R15

DIN-374/DIN-376

Machine taps GAL C-R15-TS DIN-371



HSSE-PM

TS

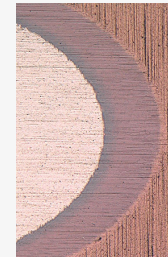
C (2-3P)



C-R15-TS DIN-371

For cast aluminium of high silicon content $\geq 12\%$ Si.

Protection

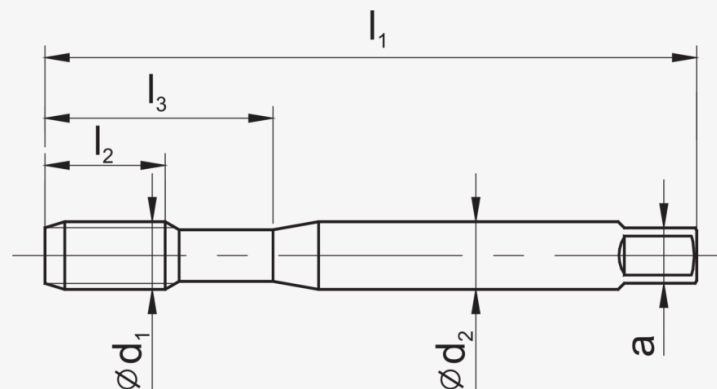


The TS coat developed by Fanar protects the tools against wear and tear. Applied in state-of-the-art HiPIMS technology that guarantees

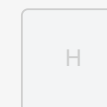
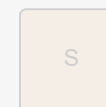
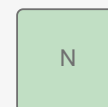
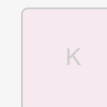
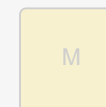
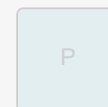
homogenous coat structure and the highest crack resistance. Silicon contained in the coat allows machining hard and abrasive materials.

Select thread variant

M



Application



Dimensions

Index

Thread
direction

$\varnothing d_1$

P

Pitch
diameter
tolerance

l_1









l_2

l_3

$\varnothing d_2$

a

Średnica
otworu

C2-505601-0030		M3	0,50	6HX	56	10	18	3,5	2,7	2,50
C2-505601-0040		M4	0,70	6HX	63	12	21	4,5	3,4	3,30
C2-505601-0050		M5	0,80	6HX	70	14	25	6,0	4,9	4,20
C2-505601-0060		M6	1,00	6HX	80	18	30	6,0	4,9	5,00
C2-505601-0070		M7	1,00	6HX	80	18	30	7,0	5,5	6,00
C2-505601-0080		M8	1,25	6HX	90	20	35	8,0	6,2	6,80
C2-505601-0090		M9	1,25	6HX	90	20	35	9,0	7,0	7,80
C2-505601-0100		M10	1,50	6HX	100	20	39	10,0	8,0	8,50

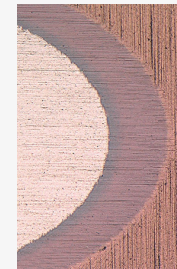
GAL C-R15-TS DIN-376/DIN-374



C-R15-TS DIN-376/DIN-374

For cast aluminium of high silicon content $\geq 12\%$ Si.

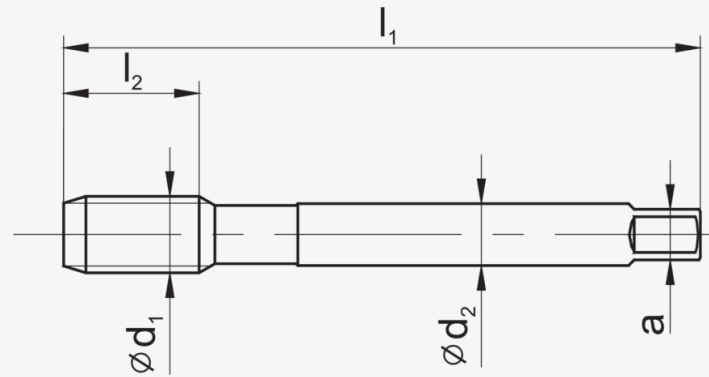
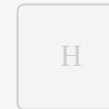
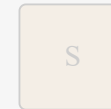
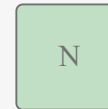
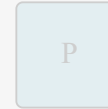
Protection



The TS coat developed by Fanar protects the tools against wear and tear. Applied in state-of-the-art HiPIMS technology that guarantees homogenous coat structure and the highest crack resistance. Silicon contained in the coat allows machining hard and abrasive materials.




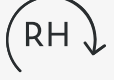
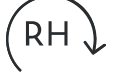
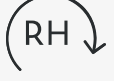
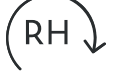

Select thread variant

Application



Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	l_1	l_2	$\varnothing d_2$	a	Średnica otworu
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D2-505601-0060		M6	1,00	6HX	80	18	4,5	3,4	5,00
D2-505601-0080		M8	1,25	6HX	90	20	6,0	4,9	6,80
D2-505601-0100		M10	1,50	6HX	100	20	7,0	5,5	8,50
D2-505601-0120		M12	1,75	6HX	110	24	9,0	7,0	10,20
D2-505601-0140		M14	2,00	6HX	110	25	11,0	9,0	12,00
D2-505601-0160		M16	2,00	6HX	110	32	12,0	9,0	14,00
D2-505601-0180		M18	2,50	6HX	125	32	14,0	11,0	15,50
D2-505601-0200		M20	2,50	6HX	140	32	16,0	12,0	17,50

Machine taps GAL E-R15-IK-TS DIN-371



HSSE-PM

TS

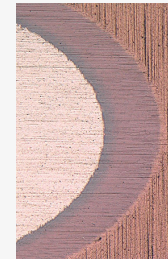
E (1,5-2P)



E-R15-IK-TS DIN-371

For cast aluminium of high silicon content $\geq 12\%$ Si.

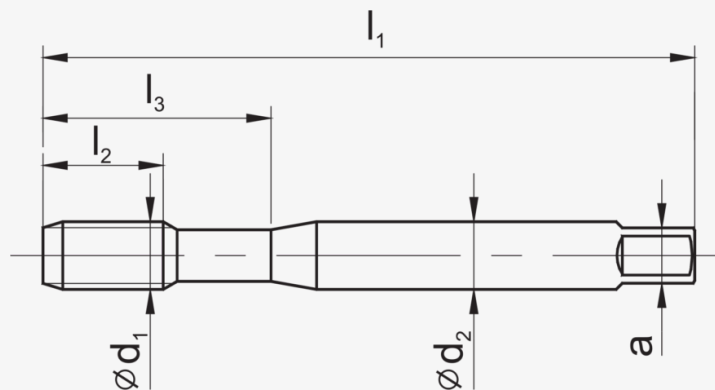
Protection



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Select thread variant

M



Application

P

M

K

N

S

H

Dimensions

Index	Thread direction	$\varnothing d_1$	P	Pitch diameter tolerance	l_1	l_2	l_3	$\varnothing d_2$	a	Średnica otworu
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C4-655651-0050



M5

0,80

6HX

70

14

25

6,0

4,9

4,20

C4-655651-0060



M6

1,00

6HX

80

18

30

6,0

4,9

5,00

C4-655651-0070



M7

1,00

6HX

80

18

30

7,0

5,5

6,00

C4-655651-0080



M8

1,25

6HX

90

20

35

8,0

6,2

6,80

C4-655651-0090



M9

1,25

6HX

90

20

35

9,0

7,0

7,80

C4-655651-0100



M10

1,50

6HX

100

20

39

10,0

8,0

8,50

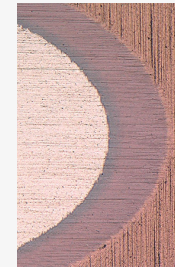
GAL E-R15-IK-TS DIN-376/DIN-374



E-R15-IK-TS DIN-376/DIN-374

For cast aluminium of high silicon content $\geq 12\%$ Si.

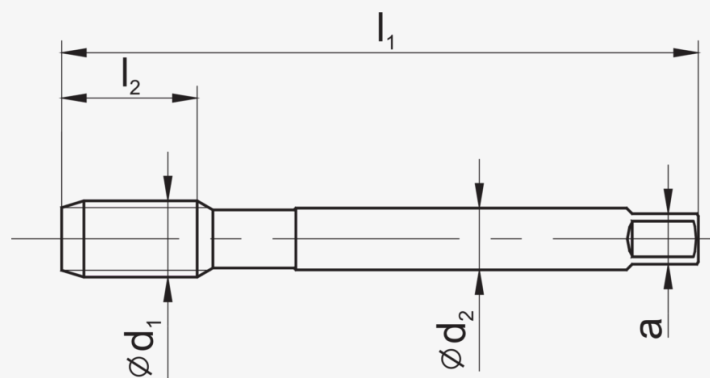
Protection



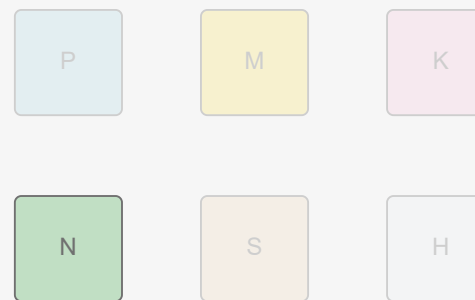
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Select thread variant

M









Application



Dimensions

Index	Thread direction	ød ₁	P	Pitch diameter tolerance	l ₁	l ₂	ød ₂	a	Średnica otworu
D4-655651-0180	(RH) ↻	M18	2,50	6HX	125	32	14,0	11,0	15,50
D4-655651-0200	(RH) ↻	M20	2,50	6HX	140	32	16,0	12,0	17,50

D4-655651-0060		M6	1,00	6HX	80	18	4,5	3,4	5,00
D4-655651-0080		M8	1,25	6HX	90	20	6,0	4,9	6,80
D4-655651-0100		M10	1,50	6HX	100	20	7,0	5,5	8,50
D4-655651-0120		M12	1,75	6HX	110	24	9,0	7,0	10,20
D4-655651-0140		M14	2,00	6HX	110	25	11,0	9,0	12,00
D4-655651-0160		M16	2,00	6HX	110	32	12,0	9,0	14,00

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