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 Астана (7172)727-132
 Астрахань (8512)99-46-04
 Барнаул (3852)73-04-60
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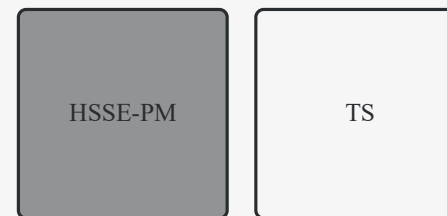
Казахстан (772)734-952-31

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

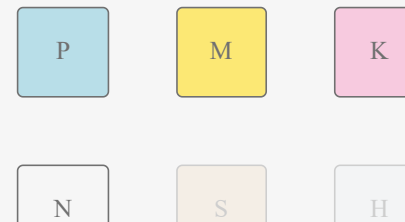
FAN-1200

Group of taps with geometry and micro-geometry designed for machining of steels with tensile strength from 800 to 1200 MPa, as well as cast-iron and ductile cast-iron.

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

B-TS



B (4-5P)

Spiral
point

DIN-371

B-TS



B (4-5P)

Spiral
point

DIN-
374/DIN-
376

C-R40-TS



C (2-3P)

R40

DIN-371

C-R40-TS



C (2-3P)

R40

DIN-
374/DIN-
376

FAN-1200 B-TS DIN-371



HSSE-PM

TS

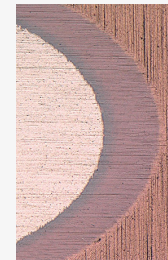
B (4-5P)



B-TS DIN-371

For steels with tensile strength from 800 to 1200 MPa and cast-iron and ductile cast-iron.

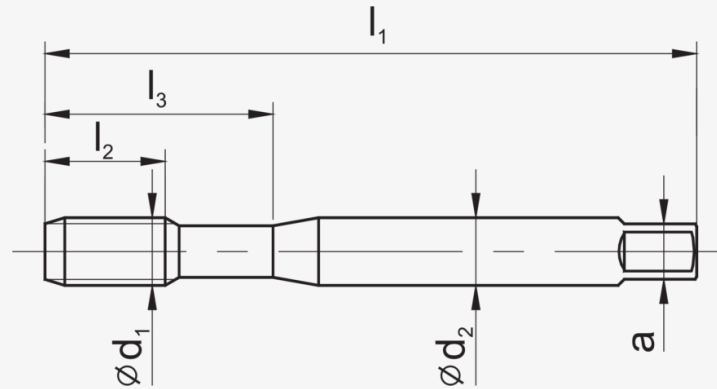
Protection



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

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


C4-115001-0030		M3	0,50	ISO2(6H)	56	10	18	3,5	2,7	2,50
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C4-115001-0040		M4	0,70	ISO2(6H)	63	12	21	4,5	3,4	3,30
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C4-115001-0050		M5	0,80	ISO2(6H)	70	14	25	6,0	4,9	4,20
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C4-115001-0060		M6	1,00	ISO2(6H)	80	18	30	6,0	4,9	5,00
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C4-115001-0080		M8	1,25	ISO2(6H)	90	20	35	8,0	6,2	6,80
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C4-115001-0100		M10	1,50	ISO2(6H)	100	20	39	10,0	8,0	8,50
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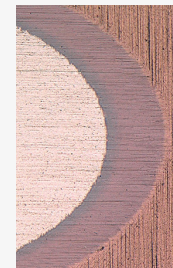
FAN-1200 B-TS DIN-376/DIN-374



B-TS DIN-376/DIN-374

For steels with tensile strength from 800 to 1200 MPa and cast-iron and ductile cast-iron.

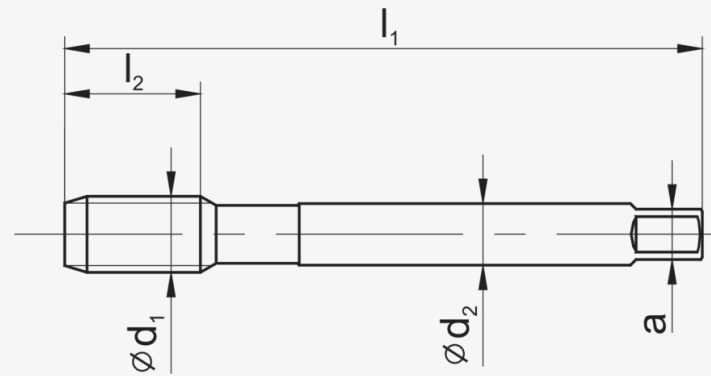
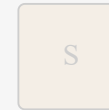
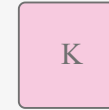
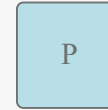
Protection



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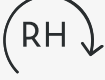
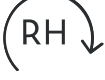
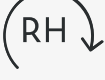
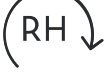
Select thread variant



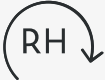


Application



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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D4-115001-0080		M8	1,25	ISO2(6H)	90	20	6,0	4,9	6,80
D4-115001-0100		M10	1,50	ISO2(6H)	100	20	7,0	5,5	8,50
D4-115001-0120		M12	1,75	ISO2(6H)	110	24	9,0	7,0	10,20
D4-115001-0140		M14	2,00	ISO2(6H)	110	25	11,0	9,0	12,00
D4-115001-0160		M16	2,00	ISO2(6H)	110	32	12,0	9,0	14,00
D4-115001-0180		M18	2,50	ISO2(6H)	125	32	14,0	11,0	15,50
D4-115001-0200		M20	2,50	ISO2(6H)	140	32	16,0	12,0	17,50

D4-115001-0220		M22	2,50	ISO2(6H)	140	32	18,0	14,5	19,50
D4-115001-0240		M24	3,00	ISO2(6H)	160	38	18,0	14,5	21,00
D4-115001-0270		M27	3,00	ISO2(6H)	160	38	20,0	16,0	24,00
D4-115001-0300		M30	3,50	ISO2(6H)	180	45	22,0	18,0	26,50
D4-115001-0330		M33	3,50	ISO2(6H)	180	45	25,0	20,0	29,50
D4-115001-0360		M36	4,00	ISO2(6H)	200	50	28,0	22,0	32,00

FAN-1200 C-R40-TS DIN-371



HSSE-PM

TS

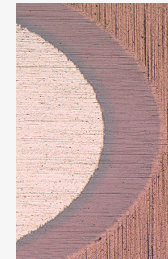
C (2-3P)



C-R40-TS DIN-371

For steels with tensile strength from 800 to 1200 MPa and cast-iron and ductile cast-iron.

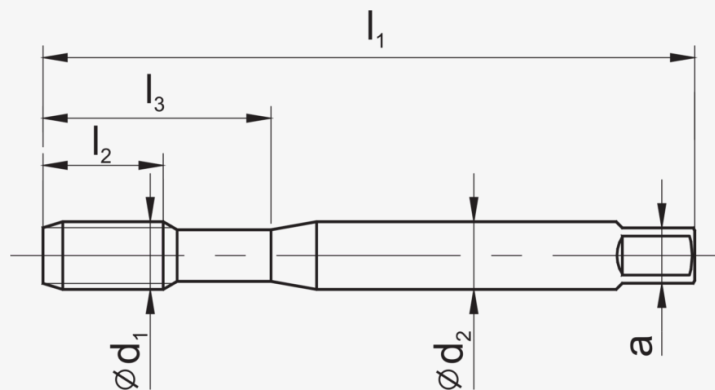
Protection



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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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C4-565001-0030		M3	0,5	ISO2(6H)	56	5	18	3,5	2,7	2,5
C4-565001-0040		M4	0,70	ISO2(6H)	63	7	21	4,5	3,4	3,30
C4-565001-0050		M5	0,80	ISO2(6H)	70	8	25	6,0	4,9	4,20
C4-565001-0060		M6	1,00	ISO2(6H)	80	10	30	6,0	4,9	5,00
C4-565001-0080		M8	1,25	ISO2(6H)	90	13	35	8,0	6,2	6,80
C4-565001-0100		M10	1,50	ISO2(6H)	100	15	39	10,0	8,0	8,50

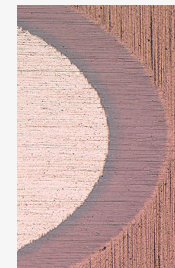
FAN-1200 C-R40-TS DIN-376/DIN-374



C-R40-TS DIN-376/DIN-374

For steels with tensile strength from 800 to 1200 MPa and cast-iron and ductile cast-iron.

Protection

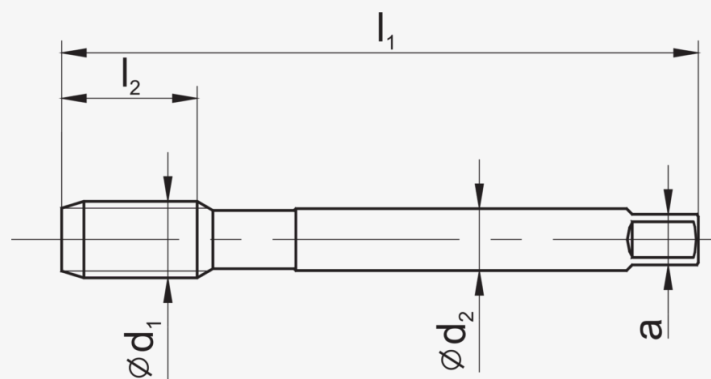
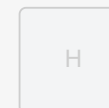
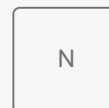
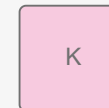
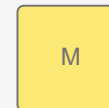


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Select thread variant


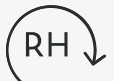





M



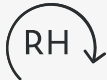

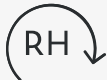

Application



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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D4-565001-0080		M8	1,25	ISO2(6H)	90	15	6,0	4,9	6,80
D4-565001-0100		M10	1,50	ISO2(6H)	100	17	7,0	5,5	8,50
D4-565001-0120		M12	1,75	ISO2(6H)	110	18	9,0	7,0	10,20
D4-565001-0140		M14	2,00	ISO2(6H)	110	20	11,0	9,0	12,00
D4-565001-0160		M16	2,00	ISO2(6H)	110	20	12,0	9,0	14,00
D4-565001-0180		M18	2,50	ISO2(6H)	125	25	14,0	11,0	15,50
D4-565001-0200		M20	2,50	ISO2(6H)	140	25	16,0	12,0	17,50

D4-565001-0220		M22	2,50	ISO2(6H)	140	25	18,0	14,5	19,50
D4-565001-0240		M24	3,00	ISO2(6H)	160	30	18,0	14,5	21,00
D4-565001-0270		M27	3,00	ISO2(6H)	160	30	20,0	16,0	24,00
D4-565001-0300		M30	3,50	ISO2(6H)	180	35	22,0	18,0	26,50
D4-565001-0330		M33	3,50	ISO2(6H)	180	35	25,0	20,0	29,50
D4-565001-0360		M36	4,00	ISO2(6H)	200	40	28,0	22,0	32,00

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