



ERW PIPE INSERTS

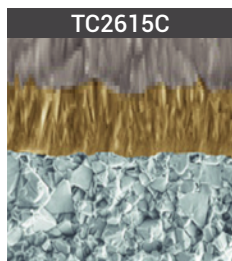
2026 | CATALOG

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 **EUROLOY**
CARBIDE TOOLS

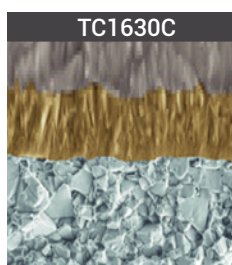
ERW PIPE INSERTS

Specifications Scarfing Grade



TC2615C grade, coated with a new CVD-MT high thickness technology, is provided with excellent properties of deformation and high temperature resistance.

Particularly suitable for finishing and light roughing applications in high cutting speed, it can be applied on a broad variety of carbon steels, alloy steels, stainless steels and cast irons.



TC1630C grade, coated with a new CVD-MT high thickness technology, is provided with excellent properties of deformation and high temperature resistance.

Particularly suitable for medium cutting speed.

Radius Choice for External Scarfing Inserts

Tube Diameter				Radius	
Min(mm)	Min(in)	Max(mm)	Max(in)	r(mm)	r(in)
8,50	0,336	11,00	0,4330	7,00	0,2755
11,00	0,4330	13,50	0,5315	9,00	0,3543
13,50	0,5315	23,50	0,9252	11,00	0,4330
16,90	0,6653	27,50	1,0827	13,00	0,5118
23,20	0,9133	30,20	1,1890	15,00	0,5905
26,60	1,0472	34,50	1,3583	18,00	0,7086
28,50	1,2220	37,20	1,4646	20,00	0,7874
31,10	1,2244	40,50	1,5945	22,00	0,8661
33,40	1,3150	43,40	1,7087	25,00	0,9842
35,40	1,3937	44,20	1,7402	27,00	1,0630
40,50	1,5945	46,20	1,8189	30,00	1,1811
41,20	1,6220	53,60	2,1102	35,00	1,3780
50,00	1,9685	65,00	2,5591	40,00	1,5748
65,00	2,5591	90,00	3,5433	45,00	1,7717
90,00	3,5433	120,00	4,7244	50,00	1,9685
120,00	4,7244	150,00	5,9055	75,00	2,9528
150,00	5,9055	180,00	7,0866	100,00	3,9370

SCARFING INSERT GRADES

Grade	Cat	ISO Class						Applications	
		P	M	K	N	S	H	EX.	INT.
TC2615C		●	●					●	○
TC1630C		●	●						

●

Excellent

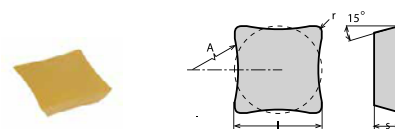
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Suitable

Grade	Insert Grade	
Category	Product always available	
	Product available / 4 week to delivery	
	Product available on order / 8 week to delivery	
ISO Class	P	Steel
	M	Stainless Steel
	K	Cast Iron
	N	Non Ferrous
	S	Superalloys
	H	Hard Metal
Applications	EX	Exterior
	INT	Interior

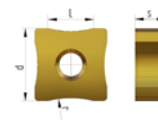
EXTERNAL SCARFING INSERTS

SDMN 2507...



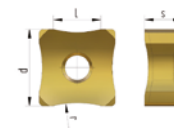
Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SDMN2507-R0	TC2615C/TC1630C	25,4	25,4	6,35	1,6
SMN2507-R105	TC2615C/TC1630C	25,4	25,4	6,35	1,6
SDMN2507-R120	TC2615C/TC1630C	25,4	25,4	6,35	1,6
SDMN2507-R180	TC2615C/TC1630C	25,4	25,4	6,35	1,6
SDMN2507-R300	TC2615C/TC1630C	25,4	25,4	6,35	1,6
SDMN2507-R340	TC2615C/TC1630C	25,4	25,4	6,35	1,6
SDMN2507-R400	TC2615C/TC1630C	25,4	25,4	6,35	1,6
SDMN2507-R550	TC2615C/TC1630C	25,4	25,4	6,35	1,6

SNMX 150608 21 R...

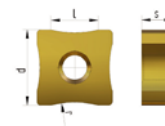


Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMX 150608 21 R11	TC2615C/TC1630C	15,87	10,00	6,35	11,00
SNMX 150608 21 R13	TC2615C/TC1630C	15,87	10,00	6,35	13,00
SNMX 150608 21 R15	TC2615C/TC1630C	15,87	10,00	6,35	15,00
SNMX 150608 21 R18	TC2615C/TC1630C	15,87	10,00	6,35	18,00
SNMX 150608 21 R20	TC2615C/TC1630C	15,87	10,00	6,35	20,00
SNMX 150608 21 R22	TC2615C/TC1630C	15,87	10,00	6,35	22,00
SNMX 150608 21 R25	TC2615C/TC1630C	15,87	10,00	6,35	25,00
SNMX 150608 21 R27	TC2615C/TC1630C	15,87	10,00	6,35	27,00
SNMX 150608 21 R30	TC2615C/TC1630C	15,87	10,00	6,35	30,00
SNMX 150608 21 R35	TC2615C/TC1630C	15,87	10,00	6,35	35,00
SNMX 150608 21 R40	TC2615C/TC1630C	15,87	10,00	6,35	40,00
SNMX 150608 21 R42	TC2615C/TC1630C	15,87	10,00	6,35	42,00
SNMX 150608 21 R45	TC2615C/TC1630C	15,87	10,00	6,35	45,00
SNMX 150608 21 R50	TC2615C/TC1630C	15,87	10,00	6,35	50,00
SNMX 150608 21 R60	TC2615C/TC1630C	15,87	10,00	6,35	60,00
SNMX 150608 21 R65	TC2615C/TC1630C	15,87	10,00	6,35	65,00
SNMX 150608 21 R70	TC2615C/TC1630C	15,87	10,00	6,35	70,00
SNMX 150608 21 R75	TC2615C/TC1630C	15,87	10,00	6,35	75,00
SNMX 150608 21 R80	TC2615C/TC1630C	15,87	10,00	6,35	80,00
SNMX 150608 21 R90	TC2615C/TC1630C	15,87	10,00	6,35	90,00
SNMX 150608 21 R105	TC2615C/TC1630C	15,87	10,00	6,35	105,00

EXTERNAL SCARFING INSERTS

SNMX 150708 22 R...

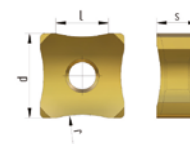
Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMX 150708 22 R7	TC2615C/TC1630C	15,87	10,00	7,94	07,00
SNMX 150708 22 R9	TC2615C/TC1630C	15,87	10,00	7,94	09,00
SNMX 150708 22 R11	TC2615C/TC1630C	15,87	10,00	7,94	11,00
SNMX 150708 22 R13	TC2615C/TC1630C	15,87	10,00	7,94	13,00
SNMX 150708 22 R15	TC2615C/TC1630C	15,87	10,00	7,94	15,00
SNMX 150708 22 R18	TC2615C/TC1630C	15,87	10,00	7,94	18,00
SNMX 150708 22 R20	TC2615C/TC1630C	15,87	10,00	7,94	20,00
SNMX 150708 22 R22	TC2615C/TC1630C	15,87	10,00	7,94	22,00
SNMX 150708 22 R25	TC2615C/TC1630C	15,87	10,00	7,94	25,00
SNMX 150708 22 R27	TC2615C/TC1630C	15,87	10,00	7,94	27,00
SNMX 150708 22 R30	TC2615C/TC1630C	15,87	10,00	7,94	30,00
SNMX 150708 22 R35	TC2615C/TC1630C	15,87	10,00	7,94	35,00
SNMX 150708 22 R40	TC2615C/TC1630C	15,87	10,00	7,94	40,00
SNMX 150708 22 R42	TC2615C/TC1630C	15,87	10,00	7,94	42,00
SNMX 150708 22 R45	TC2615C/TC1630C	15,87	10,00	7,94	45,00
SNMX 150708 22 R50	TC2615C/TC1630C	15,87	10,00	7,94	50,00
SNMX 150708 22 R60	TC2615C/TC1630C	15,87	10,00	7,94	60,00
SNMX 150708 22 R75	TC2615C/TC1630C	15,87	10,00	7,94	75,00
SNMX 150708 22 R90	TC2615C/TC1630C	15,87	10,00	7,94	90,00
SNMX 150708 22 R100	TC2615C/TC1630C	15,87	10,00	7,94	100,00

SNMX 190612 21 R...

Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMX 190612 21 R50	TC2615C/TC1630C	19,05	12,00	6,35	50,00
SNMX 190612 21 R60	TC2615C/TC1630C	19,05	12,00	6,35	60,00
SNMX 190612 21 R70	TC2615C/TC1630C	19,05	12,00	6,35	70,00
SNMX 190612 21 R80	TC2615C/TC1630C	19,05	12,00	6,35	80,00
SNMX 190612 21 R90	TC2615C/TC1630C	19,05	12,00	6,35	90,00
SNMX 190612 21 R100	TC2615C/TC1630C	19,05	12,00	6,35	100,00

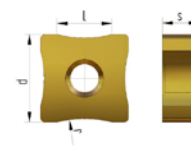
EXTERNAL SCARFING INSERTS

SNMX 190912 22 R...



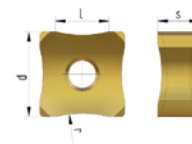
Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMX 190912 22 R30	TC2615C/TC1630C	19,05	12,00	9,12	30,00
SNMX 190912 22 R40	TC2615C/TC1630C	19,05	12,00	9,12	40,00
SNMX 190912 22 R50	TC2615C/TC1630C	19,05	12,00	9,12	50,00
SNMX 190912 22 R60	TC2615C/TC1630C	19,05	12,00	9,12	60,00
SNMX 190912 22 R70	TC2615C/TC1630C	19,05	12,00	9,12	70,00
SNMX 190912 22 R80	TC2615C/TC1630C	19,05	12,00	9,12	80,00
SNMX 190912 22 R90	TC2615C/TC1630C	19,05	12,00	9,12	90,00
SNMX 190912 22 R100	TC2615C/TC1630C	19,05	12,00	9,12	100,00

SNMX 250924 21 R...

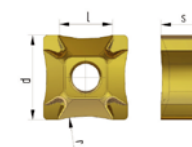


Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMX 250924 21 R50	TC2615C/TC1630C	25,40	17,50	9,52	50,00
SNMX 250924 21 R75	TC2615C/TC1630C	25,40	17,50	9,52	75,00
SNMX 250924 21 R100	TC2615C/TC1630C	25,40	17,50	9,52	100,00
SNMX 250924 21 R120	TC2615C/TC1630C	25,40	17,50	9,52	120,00
SNMX 250924 21 R140	TC2615C/TC1630C	25,40	17,50	9,52	140,00
SNMX 250924 21 R160	TC2615C/TC1630C	25,40	17,50	9,52	160,00
SNMX 250924 21 R180	TC2615C/TC1630C	25,40	17,50	9,52	180,00
SNMX 250924 21 R200	TC2615C/TC1630C	25,40	17,50	9,52	200,00

EXTERNAL SCARFING INSERTS

SNMX 251224 22 R...

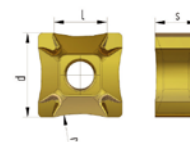
Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMX 251224 22 R00	TC2615C/TC1630C	25,40	17,50	12,70	00,00
SNMX 251224 22 R40	TC2615C/TC1630C	25,40	17,50	12,70	40,00
SNMX 251224 22 R50	TC2615C/TC1630C	25,40	17,50	12,70	50,00
SNMX 251224 22 R60	TC2615C/TC1630C	25,40	17,50	12,70	60,00
SNMX 251224 22 R70	TC2615C/TC1630C	25,40	17,50	12,70	70,00
SNMX 251224 22 R80	TC2615C/TC1630C	25,40	17,50	12,70	80,00
SNMX 251224 22 R90	TC2615C/TC1630C	25,40	17,50	12,70	90,00
SNMX 251224 22 R100	TC2615C/TC1630C	25,40	17,50	12,70	100,00

SNMG 150708 22 R...

Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMG 150708 22 R07	TC2615C/TC1630C	15,88	10,00	7,94	07,00
SNMG 150708 22 R09	TC2615C/TC1630C	15,88	10,00	7,94	09,00
SNMG 150708 22 R11	TC2615C/TC1630C	15,88	10,00	7,94	11,00
SNMG 150708 22 R13	TC2615C/TC1630C	15,88	10,00	7,94	13,00
SNMG 150708 22 R15	TC2615C/TC1630C	15,88	10,00	7,94	15,00
SNMG 150708 22 R18	TC2615C/TC1630C	15,88	10,00	7,94	18,00
SNMG 150708 22 R20	TC2615C/TC1630C	15,88	10,00	7,94	20,00
SNMG 150708 22 R22	TC2615C/TC1630C	15,88	10,00	7,94	22,00
SNMG 150708 22 R25	TC2615C/TC1630C	15,88	10,00	7,94	25,00
SNMG 150708 22 R27	TC2615C/TC1630C	15,88	10,00	7,94	27,00
SNMG 150708 22 R30	TC2615C/TC1630C	15,88	10,00	7,94	30,00
SNMG 150708 22 R35	TC2615C/TC1630C	15,88	10,00	7,94	35,00
SNMG 150708 22 R40	TC2615C/TC1630C	15,88	10,00	7,94	40,00
SNMG 150708 22 R45	TC2615C/TC1630C	15,88	10,00	7,94	45,00
SNMG 150708 22 R50	TC2615C/TC1630C	15,88	10,00	7,94	50,00
SNMG 150708 22 R60	TC2615C/TC1630C	15,88	10,00	7,94	60,00

EXTERNAL SCARFING INSERTS

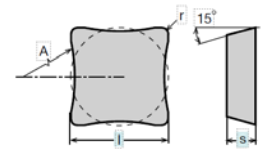
SNMG 1908-P R...



Description	Grade	Dimension			
		d(mm)	l(mm)	s(mm)	r(mm)
SNMG 1908-P R12	TC2615C/TC1630C	19,05	12,00	8,15	12
SNMG 1908-P R15	TC2615C/TC1630C	19,05	12,00	8,15	15
SNMG 1908-P R20	TC2615C/TC1630C	19,05	12,00	8,15	20
SNMG 1908-P R25	TC2615C/TC1630C	19,05	12,00	8,15	25
SNMG 1908-P R30	TC2615C/TC1630C	19,05	12,00	8,15	30
SNMG 1908-P R35	TC2615C/TC1630C	19,05	12,00	8,15	35
SNMG 1908-P R40	TC2615C/TC1630C	19,05	12,00	8,15	40
SNMG 1908-P R45	TC2615C/TC1630C	19,05	12,00	8,15	45
SNMG 1908-P R50	TC2615C/TC1630C	19,05	12,00	8,15	50
SNMG 1908-P R55	TC2615C/TC1630C	19,05	12,00	8,15	55
SNMG 1908-P R60	TC2615C/TC1630C	19,05	12,00	8,15	60
SNMG 1908-P R65	TC2615C/TC1630C	19,05	12,00	8,15	65
SNMG 1908-P R70	TC2615C/TC1630C	19,05	12,00	8,15	70
SNMG 1908-P R75	TC2615C/TC1630C	19,05	12,00	8,15	75
SNMG 1908-P R80	TC2615C/TC1630C	19,05	12,00	8,15	80
SNMG 1908-P R85	TC2615C/TC1630C	19,05	12,00	8,15	85
SNMG 1908-P R90	TC2615C/TC1630C	19,05	12,00	8,15	90
SNMG 1908-P R95	TC2615C/TC1630C	19,05	12,00	8,15	95
SNMG 1908-P R100	TC2615C/TC1630C	19,05	12,00	8,15	100

EXTERNAL SCARFING INSERTS

SDMX

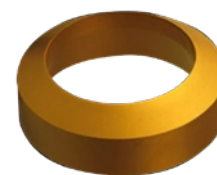
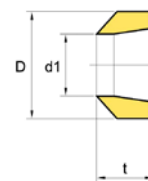


SDMX	Order Code	Dimension					Machining Range	
		l	d	s	r	A	Min Tube OD(mm)	Max Tube OD(mm)
	SDMX-250616-R105	25.4	25,4	6.35	1,6	105	157	200
	SDMX-250616-R120	25,4	25,4	6.35	1,6	120	180	228
	SDMX-250616-R145	25.4	25,4	6.35	1,6	145	217	276
	SDMX-250616-R180	25.4	25,4	6.35	1,6	180	270	342
	SDMX-250616-R300	25.4	25,4	6.35	1,6	300	450	570
	SDMX-250616-R550	25.4	25,4	6.35	1,6	550	825	1045
	SDUN-190412-R0	19,05	19,05	4,76	1,2	0		
	SDUN-190412-R15	19,05	19,05	4,76	1,2	15	18	27
	SDUN-190412-R19	19,05	19,05	4,76	1,2	19	27	36
	SDUN-190412-R20	19,05	19,05	4,76	1,2	20	30	38
	SDUN-190412-R25	19,05	19,05	4,76	1,2	25	35	47
	SDUN-190412-R32	19,05	19,05	4,76	1,2	32	45	58
	SDUN-190412-R39	19,05	19,05	4,76	1,2	39	58	70
	SDUN-190412-R45	19,05	19,05	4,76	1,2	45	70	80
	SDUN-190412-R48	19,05	19,05	4,76	1,2	48	75	93
	SDUN-190412-R64	19,05	19,05	4,76	1,2	64	97	120
	SDUN-190412-R80	19,05	19,05	4,76	1,2	80	112	142

INNER SCARFING INSERTS

PR

Code	Grade
PR4	TC1630C
PR4.5	
PR5	



Description	Dimension			
	DØ(mm)	Ød1(mm)	t(mm)	Machining Range
PR4	8	4	6	12-17 mm
PR4.5	8	5	6	12-17 mm
PR5	10	5	6	16-20 mm
PR6.5	10	6	6	16-20 mm
PR7	13	6	6	20-36 mm
PR8	13	7	6	20-36 mm
PR9	13	8	6	20-36 mm
PR9.5	15	7	7	25-42 mm
PR9.10	15	8	7	25-42 mm
PR9.15	15	9	7	25-42 mm
PR10	19	9	8	30-60 mm
PR10 (T10)	19	9	10	30-60 mm
PR11	19	10	8	30-60 mm
PR12	19	11	8	30-60 mm
PR12 (T10)	19	11	10	30-60 mm
PR13	22	10	10	42-70 mm
PR14	22	12	10	42-70 mm
PR14 (T12)	22	12	12	42-70 mm
PR16	22	14	10	42-70 mm
PR17	22	15	10	36-41 mm
PR17 (T12)	22	15	12	36-41 mm
PR18	25	12	12	48-76 mm
PR20	25	15	12	48-76 mm
PR22	30	18	12	60-89 mm
PR22.5	30	20	12	60-89 mm
PR23	35	20	15	76-127 mm
PR25	35	22	15	76-127 mm
PR28	35	25	15	76-127 mm
PR32	40	25	15	108-177 mm
PR34	45	30	15	127-193 mm
PR31	45	28	17	133-219 mm
PR39	50	35	18	159-273 mm
PR40	55	35	18	219-508 mm
PR42	55	38	18	219-508 mm
PR42.2	55	38	20	273-610 mm
PR46	55	40	20	273-610 mm

Engineered for Excellence.

#EuroloyExcellence



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