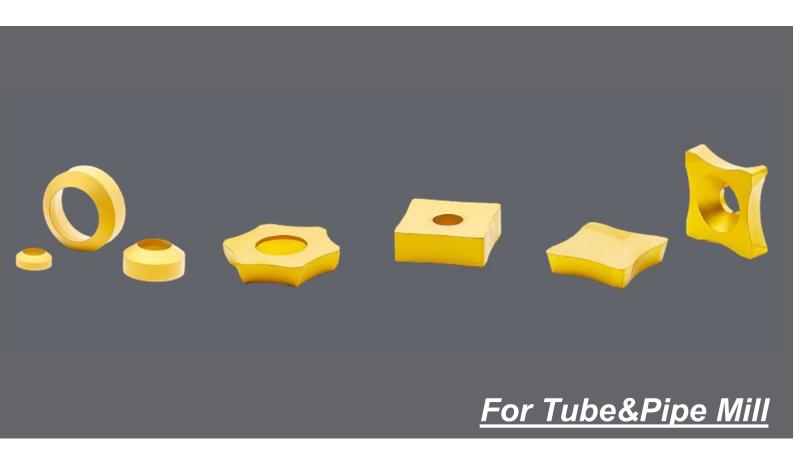


Carbide Scarfing Inserts





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Company Profile

ToolingBox (Beijing) Industrial Technology Co.,Ltd is a Chinese professional manufacturer for cutting tools. We supply solid&brazed CBN tools, Tipped PCD inserts and tools, carbide inserts and tools for woodworking and metalworking industries.

With over a decade of dedicated expertise, our company specializes in the research, development, production, promotion, and technical service of tungsten carbide cutting tools. Our product range includes woodworking carbide reversible knives, molding knives, circular cutters, oscillating knives, carbide thin razor blades, carbide scrapers, and more. These products find extensive applications in wood processing, paper printing, film and fiber industries, electronic battery cutting, and various other sectors. Renowned for our outstanding product quality and prompt deliveries, we have garnered recognition from numerous customers, leading to a significant domestic market share and exports to countries and regions, including Europe, the United States, Russia, Mid east, India and Southeast Asia.

Our company possesses a comprehensive set of standardized testing equipment and processes to ensure product quality. We are supported by a professional team specializing in production, technology, and sales, capable of addressing various customer-related issues. With over 100 CNC grinding machines, end mills, surface grinders, and a variety of imported inspection devices, we stand as one of the industry's largest, highest-output, most diverse, and fully-equipped enterprises in China.

We adhere to the business philosophy of "integrity in operation, superior quality, and customer-first", continuously enhancing our corporate image and product quality, reducing overall costs, shortening delivery times, and consistently improving customer satisfaction.

ToolingBox, Professional makes values!



Technological Process





Raw material production



Raw material inspection



Flat grinding



CNC cutting edge



CNC cutting edge



Cleaning



Inspection of the first



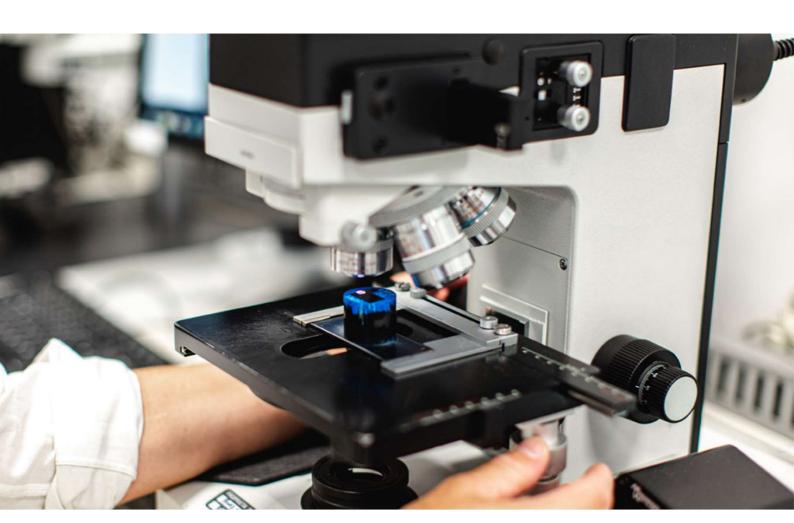
Inspection of the second

Why Us?



ToolingBox is the leading manufacturer of carbide scarfing inserts in China for tube and pipe industries. We manufactured the inserts with premium quality raw materials, and use imported peripheral grinding to ensure the accuracy of the cutting edge, available in different radius and models. CVD coating is used to increase its bending resistance and wear resistance. The offered tools are used to take off OD and ID weld beads to give a perfectly smooth surface finish to tubes and pipes.

We stock a full line of "SPUB63" series 4-sided OD External scarfing tools, SNMX1507-22 series, and SNMG series OD scarfing tools, and various Internal Scarfing – Cutting Rings series inserts for your tube scarfing application. Also we accept the customization of non-standard products according to drawings and samples, which provides perfect service for tube and pipe industries and tool solutions.





Our Carbide Grades for Scarfing Inserts

TCS10

Application range M05-M25 / P25-P35 CVD Multilayer Coating.

Very versatile grade that can be used for a wide variety of applications. Balances wear resistance and toughness very well, achieving excellent performance with most materials. Coating complements the grade, providing additional wear and high temperature resistance.

TCS20

Application range M25-M35 / P25-P35 Multilayer mixed technology coating.

The special coating has been developed to obtain a surface layer with increased hardness and reduced roughness, to improve the performance in case of complex materials such as stainless steels and galvanized.



TCS30

Application range M30-M45 / P30-P45 CVD Multilayer Coating.

Grade with high toughness, able to withstand the heaviest applications both in case of continuous and interrupted cutting. The grain size and composition have been specifically designed to reduce the risk of chipping and breakage to almost zero.

TSC40

Application range M30-M45/P30-P45 Multilayer mixed technology coating.

The special coating has been developed to obtain a surface layer with increased hardness and reduced roughness, to improve the performance in case of complex materials such as stainless steels and galvanized.



External Scarfing

After forming and welding, the newly created pipe needs a removal of the excess material left on the outer surface of the welding area during the process.

For this purpose, ToolingBox offers several product lines to cover every need:

- 1. STANDARD INSERTS | SNMX TYPES
- 2. POSITIVE INSERTS
- 3. POSITIVE INSERTS for thick tubes

SNMX15-22-Type 1

| 70 | Radius | Tube Outer diameter | | Ca | Note | | | | |
|--------|--------|---------------------|---------|----------|---------------|-------|-------|--|--|
| | Raulus | Min. Max. | | | Carbide Grade | | | | |
| | Co | od. SNMX 15 | 5-22-01 | TCS10 | TCS20 | TCS30 | TCS40 | | |
| | R07 | 8 | 13 | • | • | | | | |
| | R09 | 12,5 | 16 | * | • | | | | |
| | R11 | 15 | 19 | * | * | | | | |
| | R13 | 17 | 23 | • | * | | | | |
| 7,95 | R15 | 21 | 28 | • | • | | | | |
| 7 | R18 | 26 | 33 | • | • | | | | |
| U | R20 | 30 | 37 | • | * | | | | |
| Ø5,16 | R22 | 34 | 41 | • | • | | | | |
| 25,10 | R25 | 38 | 45 | • | • | | | | |
| | R27 | 43 | 50 | • | • | • | • | | |
| | R30 | 48 | 54 | • | • | | | | |
| | R35 | 52 | 62 | • | • | | | | |
| 25 | R40 | 60 | 70 | • | • | | | | |
| 15,875 | R45 | 68 | 78 | * | • | | | | |
| 15 | R50 | 76 | 85 | * | • | | | | |
| | R60 | 83 | 97 | • | * | | | | |
| | R70 | 95 | 110 | • | • | | | | |
| Ţ | R75 | 106 | 120 | • | * | | | | |
| æ | R80 | 115 | 130 | * | * | | | | |
| | R90 | 125 | 140 | • | • | | | | |
| | R100 | 135 | 150 | • | • | | | | |

Legend: ♦ Available in Stock - ♦ On request

External Scarfing – SNMX15/19/25- Type 02



| -93 | Radius | Tube Oute | er diameter | | Carb | ide Grade | | |
|----------------------|--|--|--|----------|----------------|-----------|-------|-----|
| | itaulus | Min. | Max. | | Carb | ide Orade | | Not |
| | Co | d. SNMX 15 -2 | 22- 02 | TCS10 | TCS20 | TCS30 | TCS40 | |
| | R07 | 8 | 13,5 | • | • | - | | |
| | R09 | 13 | 17 | • | • | | | |
| 6,35 | R11 | 16 | 21 | • | * | | | |
| | R13 | 20 | 25 | • | * | | | |
| | R15 | 24 | 29 | • | • | | | |
| Ø5,16 | R18 | 27 | 35 | * | * | | | |
| | R20 | 33 | 39 | • | * | | | |
| | R22 R25 | 36 40 | 42 | • | * | | | |
| | R27 | 45 | 52 | • | • | | | |
| | R30 | 50 | 58 | • | * | | | |
| 15,875 | R35 | 56 | 68 | • | • | • | • | |
| 155 | R40 | 65 | 78 | • | + | | | |
| | R45 | 75 | 88 | • | * | | | |
| | R50 | 85 | 98 | • | * | | | |
| | R60 | 96 | 117 | ♦ | * | | | |
| [™] | R70 | 115 | 137 | ♦ | * | | | |
| | R75 | 134 | 147 | • | * | | | |
| | R80 | 145 | 156 | * | • | | | |
| | R90 | 155 | 176 | • | * | | | |
| | R100 | 175 | 195 | + TCC40 | ▼ TCS20 | TCS30 | TCS40 | |
| 6,35 | R18 | od. SNMX 19 -22 27 | 35 | ♦ TCS10 | ♦ | 10000 | 10040 | |
| 9 | R20 | 33 | 39 | * | • | | | |
| 1 | R22 | 36 | 42 | * | • | | | |
| Ø6,35 | R25 | 40 | 48 | * | + | | | |
| | R30 | 48 | 58 | • | • | | | |
| | R35 | 56 | 68 | * | * | | | |
| 1 15 | R40 | 65 | 78 | ♦ | • | | | |
| 19,05 | R45 | 75 | 88 | • | * | | | |
| | R50 | 85 | 98 | * | • | • | * | |
| | R55 | 95 | 108 | • | • | | | |
| | R60 R75 | 105 118 | 118 147 | • | • | - | | |
| R | R80 | 145 | 156 | • | * | | | |
| R ₂ | R90 | 155 | 176 | * | • | - | | |
| | R100 | 175 | 195 | | | - | | |
| 22 | Bital Picture | od. SNMX 25-22 | 2000000 | TCS10 | • TCS20 | TCS30 | TCS40 | |
| 9,52 | R00 | - | - | * | * | | | |
| | R30 | 39 | 58 | * | * | | | |
| 1.500 No. 1989 No. 1 | R40 | 57 | 78 | * | * | | | |
| Ø9.12 | | 78 | 98 | * | * | | | |
| Ø9,12 | R50 | | | • | • | | | |
| Ø9,12 | R60 | 96 | 117 | 1 | | | | |
| | R60 R70 | 96 115 | 137 | • | * | • | • | |
| | R60 R70 R80 | 96 115 137 | 137 156 | * | * | • | * | |
| 09,12 | R60 R70 R80 R90 | 96 115 137 155 | 137 156 176 | • | * | • | * | |
| | R60 R70 R80 R90 R120 | 96 115 137 155 176 | 137 156 176 235 | * * | * * * | • | * | |
| | R60 R70 R80 R90 R120 R140 | 96 115 137 155 176 230 | 137 156 176 235 275 | • • | * * * * | • | • | |
| 25,40 | R60 R70 R80 R90 R120 R140 R160 | 96 115 137 155 176 230 270 | 137 156 176 235 275 315 | * * | * * * | * | • | |
| | R60 R70 R80 R90 R120 R140 | 96 115 137 155 176 230 | 137 156 176 235 275 | • • | * * * * | * | • | |

Legend: ♦ Available in Stock - ♦On request

External Scarfing – SNMX15/19/25- Type 03



| | | Tube Outer diameter | | | | | | |
|--------------------------------------|--|--|--|--|---------------------------------------|---------------|------------|------|
| | Radius | Min. | Max. | | | Carbide Grade | | Note |
| | Co | d. SNMX 15-22- | 03 | TCS10 | TCS20 | TCS30 | TCS40 | |
| | R07 | 8 | 13 | • | • | | | |
| | R09 | 12,5 | 16 | • | • | | | |
| | R11 | 15 | 19 | • | | | | |
| | R13 | 17 | 23 | | | | | |
| 7,81 | R15 | 21 | 28 | • | | | | |
| | R18 | 26 | 33 | • | | | | |
| Ø5,16 | R20 | 30 | 37 | • | | | | |
| 55,10 | R22 | 34 | 41 | | • | | • | |
| | R25 | 38 | 45 | | | | | |
| | R27 | 43 | 50 | • | | | | |
| | R30 | 48 | 54 | • | | | | |
| 5 | R35 | 52 | 62 | • | | | | |
| 15,875 | R40 | 60 | 70 | • | • | | | |
| 15. | R45 | 68 | 78 | T X | | | | |
| | R50 | 76 | 85 | | * | | | |
| | R60 | 83 | 97 | T X | | | | |
| | R70 | 95 | 110 | | T. | | | |
| R | R75 | 106 | 120 | | _ X | | | |
| 10007 | R80 | 115 | 130 | | | | | |
| | R90 | 125 | 140 | 1 | * | | | |
| | R100 | 135 | 150 | | | | | |
| | | od. SNMX 19-22 -0 | | TCS10 | TCS20 | TCS30 | TCS40 | |
| | R18 | 26 | 33 | • | • | | 10040 | |
| 77 | R20 | 30 | 37 | • | • | | | |
| 1/6 | R22 | 34 | 41 | • | * | | | |
| | R25 | 38 | | | | - | | |
| 7,000,000 | | 30 | 45 | A | | | | |
| Ø6.35 | | | 45 54 | * | * | | | |
| <i>Ø6,35</i> | R30 | 48 | 54 | • | • | - | | |
| Ø6,35 | R30 R35 | 48 52 | 54 62 | | + | - | | |
| 06,35 | R30 R35 R40 | 48 52 60 | 54 62 70 | | * * * | - | | |
| | R30 R35 R40 R45 | 48 52 60 68 | 54 62 70 78 | | * * * * * * * * * * * * * * * * * * * | • | * | |
| | R30 R35 R40 R45 R50 | 48 52 60 68 76 | 54 62 70 78 85 | | * * * * * * * * * * * * * * * * * * * | • | * | |
| 50'61 | R30 R35 R40 R45 R50 | 48 52 60 68 76 80 | 54 62 70 78 85 92 | | * * * * * * * * * * * * * * * * * * * | • | * | |
| | R30 R35 R40 R45 R50 R55 R60 | 48 52 60 68 76 80 90 | 54 62 70 78 85 92 97 | • | * * * * * * * * * * * * * * * * * * * | • | * | |
| | R30 R35 R40 R45 R50 R55 R60 R75 | 48 52 60 68 76 80 90 | 54 62 70 78 85 92 97 120 | * | * * * * * * * * * * * * * * * * * * * | • | * | |
| 19,05 | R30 R35 R40 R45 R50 R55 R60 R75 R80 | 48 52 60 68 76 80 90 97 115 | 54 62 70 78 85 92 97 120 | * | * * * * * * * * * * * * * * * * * * * | • | * | |
| 19,05 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 | 48 52 60 68 76 80 90 97 115 | 54 62 70 78 85 92 97 120 130 | * | * * * * * * * * * * * * * * * * * * * | • | * | |
| | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 | 48 52 60 68 76 80 90 97 115 125 | 54 62 70 78 85 92 97 120 130 140 | * | * * * * * * * * * * * * * * * * * * * | - v | Ý | |
| 19,05 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 | 48 52 60 68 76 80 90 97 115 125 135 od. SNMX 25-22 - (| 54 62 70 78 85 92 97 120 130 140 150 | • • • • • • • • • • • • • • • • • • • | + + + + + + + + + + + + + + + + + + + | TCS30 | ↑ TCS40 | |
| 50'6T | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 | 48 52 60 68 76 80 90 97 115 125 135 od. SNMX 25-22 - (| 54 62 70 78 85 92 97 120 130 140 150 | * | * | - v | Ý | |
| 19,05 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Cc R00 R30 | 48 52 60 68 76 80 90 97 115 125 135 od. SNMX 25-22 - (| 54 62 70 78 85 92 97 120 130 140 150 | * | + + + + + + + + + + + + + + + + + + + | - v | Ý | |
| 50'61 Z | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Cc R00 R30 R40 | 48 52 60 68 76 80 90 97 115 125 135 6d. SNMX 25-22 - 0 38 54 | 54 62 70 78 85 92 97 120 130 140 150 | + + + + + + + + + + + + + + + + + + + | + + + + + + + + + + + + + + + + + + + | - v | Ý | |
| 50'61 Z | R30 R35 R40 R45 R40 R45 R50 R55 R60 R75 R80 R90 R100 Cc R00 R30 R40 R50 | 48 52 60 68 76 80 90 97 115 125 135 0d. SNMX 25-22 - 0 38 54 70 | 54 62 70 78 85 92 97 120 130 140 150 | * | + + + + + + + + + + + + + + + + + + + | - v | Ý | |
| 20'61 2'21 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Cc R00 R30 R40 R50 R60 | 48 52 60 68 76 80 90 97 115 125 135 38 54 70 85 | 54 62 70 78 85 92 97 120 130 140 150 03 | + + + + + + + + + + + + + + + + + + + | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |
| 20'61 2'21 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Cc R00 R30 R40 R50 R60 R70 | 48 52 60 68 76 80 90 97 115 125 135 6. SNMX 25-22 - 6 38 54 70 85 | 54 62 70 78 85 92 97 120 130 140 150 03 | * | + + + + + + + + + + + + + + + + + + + | - v | Ý | |
| 20'61 2'21 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Cc R00 R30 R40 R50 R60 R70 R80 | 48 52 60 68 76 80 90 97 115 125 135 0d. SNMX 25-22 - (38 54 70 85 95 | 54 62 70 78 85 92 97 120 130 140 150 03 - 54 70 85 97 110 | * | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |
| 50'61 R ₂ 2'721 09,12 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Ccc R00 R30 R40 R50 R60 R70 R80 R90 | 48 52 60 68 76 80 90 97 115 125 135 6. SNMX 25-22 - 6 38 54 70 85 95 110 125 | 54 62 70 78 85 92 97 120 130 140 150 03 - 54 70 85 97 110 130 140 | * | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |
| 50'61 R ₂ 2'721 09,12 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Ccc R00 R30 R40 R50 R60 R770 R80 R90 R100 | 48 52 60 68 76 80 90 97 115 125 135 6d. SNMX 25-22 - (38 54 70 85 95 110 125 130 | 54 62 70 78 85 92 97 120 130 140 150 03 - 54 70 85 97 110 130 140 150 | * | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |
| 20'61 2'21 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Ccc R00 R30 R40 R50 R60 R70 R80 R90 R100 R100 R100 | 48 52 60 68 76 80 90 97 115 125 135 od. SNMX 25-22 - (- 38 54 70 85 95 110 125 130 135 | 54 62 70 78 85 92 97 120 130 140 150 03 - 54 70 85 97 110 130 140 150 165 | * | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |
| 50'61 R ₂ 2'721 09,12 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 CC R00 R30 R40 R50 R60 R70 R80 R90 R100 R110 R110 R120 | 48 52 60 68 76 80 90 97 115 125 135 0d. SNMX 25-22 - (- 38 54 70 85 95 110 125 130 135 140 | 54 62 70 78 85 92 97 120 130 140 150 03 - 54 70 85 97 110 130 140 150 165 180 | ** ** ** ** ** ** ** ** ** ** | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |
| 50'61 R ₂ 2'71 09,12 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 Cc R00 R30 R40 R50 R60 R70 R80 R90 R100 R110 R120 R140 | 48 52 60 68 76 80 90 97 115 125 135 6d. SNMX 25-22 - (- 38 54 70 85 95 110 125 130 135 140 175 | 54 62 70 78 85 92 97 120 130 140 150 03 - 54 70 85 97 110 130 140 150 165 180 205 | * | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |
| 50'61 R ₂ 2'71 09,12 | R30 R35 R40 R45 R50 R55 R60 R75 R80 R90 R100 CC R00 R30 R40 R50 R60 R70 R80 R90 R100 R110 R110 R120 | 48 52 60 68 76 80 90 97 115 125 135 0d. SNMX 25-22 - (- 38 54 70 85 95 110 125 130 135 140 | 54 62 70 78 85 92 97 120 130 140 150 03 - 54 70 85 97 110 130 140 150 165 180 | ** ** ** ** ** ** ** ** ** ** | + + + + + + + + + + + + + + + + + + + | TCS30 | TCS40 | |

Legend: ◆ Available in Stock - ♦ On request

External Scarfing – SNMG15/19/25



| R07 8 13 | Note | | | | | rdiamotor | Tubo Outo | | 00 | | | |
|---|------|---------------|-------|----------|-------------|--|---------------|------------|--|--|--|--|
| Cod. SNMG 1507 R07 R07 R07 R07 R07 R07 R07 | | Carbide Grade | | | | | | Radius | | | | |
| R07 8 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | 200 (0 | | Teszn | | | | | | | | |
| R09 12.5 16 | 540 | TCS40 | TCS30 | 10020 | | | | | | | | |
| R11 | | | | | | 70.000 | | | | | | |
| R13 | | | | | - | | | | , | | | |
| R15 | | | | | | | | | | | | |
| R18 | | | | | | 1000 | | | , | | | |
| R20 30 37 | | | | | • | | | | | | | |
| R22 34 41 | | | | | • | | | | 8 | | | |
| R25 38 45 | | | | | • | P. 100 P. | 100000 | | | | | |
| R27 43 50 | | | | | • | | | | Wall to the state of the state | | | |
| R30 | | | | | | | | | Ø5,16 | | | |
| R35 52 62 | • | • | • | | | 1100000 | | | | | | |
| R40 | | | | | | | 77.000 | | | | | |
| R50 76 85 | | | | | | | | - | | | | |
| R50 76 85 | | | | 100 | - 12 - 2 | 5,000,7 | 30300 | | 87.5 | | | |
| R60 83 97 | | | | | | | 0.000 | | 155 | | | |
| R70 95 110 | | | | | • | | | | | | | |
| R75 106 120 | | | | | 175 | 1000 | 2538 | | | | | |
| R80 115 130 | | | | | 1.0 | 10000 | | | | | | |
| R80 115 130 | | | | | | | | | R | | | |
| R100 | | | | • | • | 130 | 115 | R80 | 3100 | | | |
| Cod. SNMG 1907 TCS10 TCS20 TCS30 TC | | | | • | • | 140 | 125 | R90 | | | | |
| R00 | | | | - | • | 150 | 135 | R100 | | | | |
| R11 | S40 | TCS40 | TCS30 | TCS20 | TCS10 | | od. SNMG 1907 | C | | | | |
| R13 | | | | • | • | 8 | ë | R00 | | | | |
| R15 | | | | • | • | 19 | 15 | R11 | | | | |
| R18 | | • | | • | • | 23 | 17 | R13 | | | | |
| R18 | | | | • | • | 28 | 21 | R15 | | | | |
| R22 34 41 | | | | • | • | 33 | 26 | R18 | 8/4 | | | |
| R25 38 45 | | | | • | • | 37 | 30 | R20 | | | | |
| R25 38 45 R30 45 54 R35 52 62 R40 60 70 R45 68 78 R55 78 92 R60 90 97 R75 97 120 R100 120 150 Cod. SNMG 1907 TCS10 TCS20 TCS30 TCS R80 Direct profile tubes R100 Direct profile tubes R200 Direct profile tubes R200 TCS10 TCS20 TCS30 TCS R80 TCS10 TCS20 TCS30 TCS | | | | • | • | 41 | 34 | R22 | 07.94 | | | |
| R35 | • | | • | | • | 45 | 38 | R25 | | | | |
| R40 60 70 | | | | • | • | 54 | 45 | R30 | | | | |
| R45 68 78 | | | | * | • | 62 | 52 | R35 | | | | |
| R55 78 92 | | | | • | • | 70 | 60 | R40 | | | | |
| R55 78 92 | | | | | • | 78 | 68 | R45 | | | | |
| R75 97 120 | | | | • | • | | 78 | R55 | | | | |
| R100 120 150 | | | | • | • | 97 | 90 | R60 | | | | |
| R100 120 150 | | | | • | • | 120 | 97 | R75 | | | | |
| Cod. SNMG 1907 TCS10 TCS20 TCS30 TCS R80 Direct profile tubes ♦ ♦ ♦ R100 Direct profile tubes ♦ ♦ ♦ R200 Direct profile tubes ♦ ♦ ♦ Cod. SNMG 2512 TCS10 TCS20 TCS30 TCS R00 - - ■ ♦ ♦ | | | | | • | | 55000 | 0000000 | Za. | | | |
| R80 | S40 | TCS40 | TCS30 | | TCS10 | NAME OF THE PERSON OF THE PERS | | 0.00000000 | И | | | |
| R100 Direct profile tubes ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ | | | | | | | | | | | | |
| R200 Direct profile tubes ♦ ♦ Cod. SNMG 2512 TCS10 TCS20 TCS30 TCS R00 - - ■ ♦ | • | • | • | | | 2000 10 to 1 | | | | | | |
| Cod. SNMG 2512 TCS10 TCS20 TCS30 TCS R00 - ■ ◆ | | | | | | | | 0.00000000 | | | | |
| R00 | 40 | TCS40 | TCS30 | - | TCS10 | | | | | | | |
| | | | | | | | | | 1 1 | | | |
| R<100 All the radii On request | | | | | | | 14.70,000 000 | | 12,1 | | | |
| R100 120 150 | | | | | | | | | A PRODUCTION OF THE PROPERTY O | | | |
| R120 145 180 • | | | | | | | | | 9,12 | | | |
| R140 175 210 • | | | | | | 190.200.0 | H 0101554 | | | | | |
| R160 205 240 • | | | | | | | | | | | | |
| R180 235 270 • • | .▼. | | • | 0.50 | | - ANO(85) | 5.0040000 | | | | | |
| | | | | | | | | | 4 | | | |
| R200 265 300 • • R220 295 330 • • | | | | | | | | | (()))) 8 | | | |
| R240 325 360 • • | | | | | .▼. ▲ | | | | | | | |
| R260 355 390 • • | | | | | * | | | | | | | |
| R280 385 420 • | | | | | ▼ | | | | | | | |
| R280 385 420 R300 415 450 A | | | | | <u> </u> | | | | a d | | | |

Legend: ♦ Available in Stock - ♦ On request

External Scarfing – Positive Inserts



Thanks to the sharp cutting edge, these inserts are suitable for machining thin tubes and difficult materials like stainless steels, aluminium and galvanized steels.

SDUN1904

| | Radius | Tube Oute | r diameter | Grade | | |
|------------|--------|-------------|------------|-------|----------|--|
| | Naulus | Min. | Max. | Grade | | |
| | | SDUN 190416 | | TCS10 | TCS20 | |
| | R00 | - | 2 | • | * | |
| 4.76 | R15 | 18 | 28 | • | • | |
| 1 | R20 | 27 | 37 | • | • | |
| 150 | R25 | 36 | 45 | • | • | |
| | R30 | 44 | 54 | • | • | |
| \\ | R35 | 52 | 62 | • | • | |
| 19,05 | R40 | 60 | 70 | • | • | |
| // \\ \\ \ | R45 | 68 | 78 | • | • | |
| | R50 | 76 | 92 | • | * | |
| 70 | R60 | 90 | 105 | • | • | |
| 17. | R70 | 103 | 120 | • | * | |

4-sided SPUB-63 series:

| | Item No. | Radius (mm) | Tube Ou diamete | | Grade | |
|------------|----------------------|-------------|--------------------|------|-------|----------|
| | | (mm) | Min. | Max. | | |
| | | | SPUB-63 | | TCS10 | TCS20 |
| | SPUB-63B | 12 | Up | 22 | • | + |
| X 1/// 1 | SPUB-63C | 15 | 22 | 28 | • | |
| | SPUB-63D | 20 | 28 | 38 | | • |
| Ø5,5 | SPUB-63E | 25 | 38 | 47 | • | * |
| | SPUB-63F | 30 | 47 | 57 | • | • |
| | SPUB-63G | 40 | 57 | 79 | • | • |
| () 1.49 | SPUB-63H | 50 | 79 | 98 | • | * |
| t + + + ; | SPUB-63H SPUB-63I | 63 | 98 | 123 | • | • |
| | SPUB-63J | 75 | 123 | 149 | • | * |
| 7 | SPUB-63K | 88 | 149 | 174 | • | • |
| , bo | SPUB-63L | 101 | 174 | 200 | • | * |
| | SPUB-63M | NONE | 200 | UP | • | * |

Legend: ◆ Available in Stock - ♦ On request



ROMX2404

| | Radius | Tube Outer | Gr | ade | | |
|--------------|-------------|------------|---------|----------|-------|--|
| 5 | Radius | Min. | Max. | Olado | | |
| | | ROMX 2404 | | TCS10 | TCS20 | |
| | R10 (DET3) | 10 | 15 | • | • | |
| | R11 | 15 | 19 | • | • | |
| | R12 | 17 | 21 | • | • | |
| | R13 (DET5) | 18,5 | 23 | • | • | |
| | R14 | 20 | 25 | • | • | |
| | R15 | 22 | 27,5 | • | • | |
| | R16 (DET7) | 23 | 29 | • | * | |
| | R17 | 24 | 31 | • | • | |
| | R18 | 25,5 | 33 | • | • | |
| 7.6 | R19 | 26,5 | 34,5 | • | * | |
| | R20 | 28 | 36 | • | * | |
| 80 05,3 | R21 (DET8) | 29,5 | 38 | * | + | |
| c.i.D Ø 24,4 | R22 | 31 | 31 39,5 | | + | |
| X / I | R23 | 33 | 41 | • | * | |
| , A | R24 | 34 | 43 | * | + | |
| | R27 (DET9) | 38 | 48 | • | • | |
| P | R28 | 39,5 | 50 | • | * | |
| | R30 | 42 | 51 | • | * | |
| | R35 | 49 | 59,5 | • | + | |
| | R38 (DET10) | 53 | 64 | • | * | |
| | R40 | 56 | 68 | • | * | |
| | R45 | 63 | 76 | • | * | |
| | R47 (DET11) | 66 | 80 | • | • | |
| | R50 | 70 | 85 | • | * | |
| | R60 (DET12) | 84 | 96 | • | + | |
| | R70 | 98 | 112 | * | • | |
| | R73 (DET13) | 102 | 117 | • | • | |

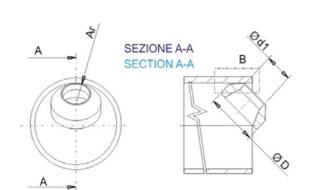
Legend: ◆ Available in Stock - ◆ On request



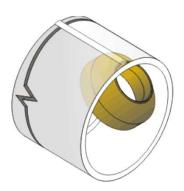
Standard product line for internal de-burring rings, used in case of pipes up to 5mm thickness. Our line includes inserts with 42° cutting angle, used for the most common applications, as well as rings with 48° cutting angle (on request), which are normally used in case of aluminized tubes. They can be mounted on all types of chuck, both mechanical and hydraulic.

| | Item Code | Main size | | | Tube Inner Diameter | | Gr | Grade | |
|------------|------------|-----------|----|------|---------------------|------|------|----------|----------|
| | item code | D | Н | d | А | Min. | Max. | | auc |
| | | | | RNGX | | | | TCS10 | TCS20 |
| | RNGX080404 | 8 | 4 | 4 | 42° | 14 | 17 | • | • |
| | RNGX080604 | 8 | 4 | 5 | 42° | 16 | 17 | • | • |
| | RNGX100605 | 10 | 6 | 5 | 42° | 16 | 19 | • | * |
| | RNGX100606 | 10 | 6 | 6 | 42° | 17 | 20 | • | • |
| | RNGX130605 | 13 | 6 | 5 | 42° | 20 | 22 | • | |
| | RNGX130606 | 13 | 6 | 6 | 42° | 22 | 24 | • | * |
| | RNGX130608 | 13 | 6 | 8 | 42° | 24 | 26 | • | • |
| - d - | RNGX190809 | 19 | 8 | 9 | 42° | 26 | 28 | • | • |
| Pa , | RNGX190810 | 19 | 8 | 10 | 42° | 28 | 30 | • | * |
| " | RNGX190811 | 19 | 8 | 11 | 42° | 30 | 34 | • | |
| | RNGX221011 | 22 | 10 | 11 | 42° | 32 | 41 | • | |
| 0 | RNGX221210 | 22 | 12 | 10 | 42° | 41 | 50 | • | * |
| A | RNGX301620 | 30 | 16 | 20 | 42° | 48 | 58 | • | |
| ~ 4(+)+) ~ | RNGX301217 | 30 | 12 | 17 | 42° | 54 | 66 | • | |
| | RNGX301220 | 30 | 12 | 20 | 42° | 62 | 72 | • | * |
| | RNGX351215 | 35 | 12 | 15 | 42° | 70 | 85 | • | |
| | RNGX351520 | 35 | 15 | 20 | 42° | 85 | 100 | • | • |
| | RNGX401520 | 40 | 15 | 20 | 42° | 90 | 110 | • | • |
| | RNGX452030 | 45 | 20 | 30 | 42° | 100 | 130 | • | * |
| | RNGX501535 | 50 | 15 | 35 | 42° | 125 | 160 | • | • |
| | RNGX551840 | 55 | 18 | 40 | 42° | 150 | 260 | • | * |

Legend: ♦ Available in Stock - ♦ On request







Contact Us



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