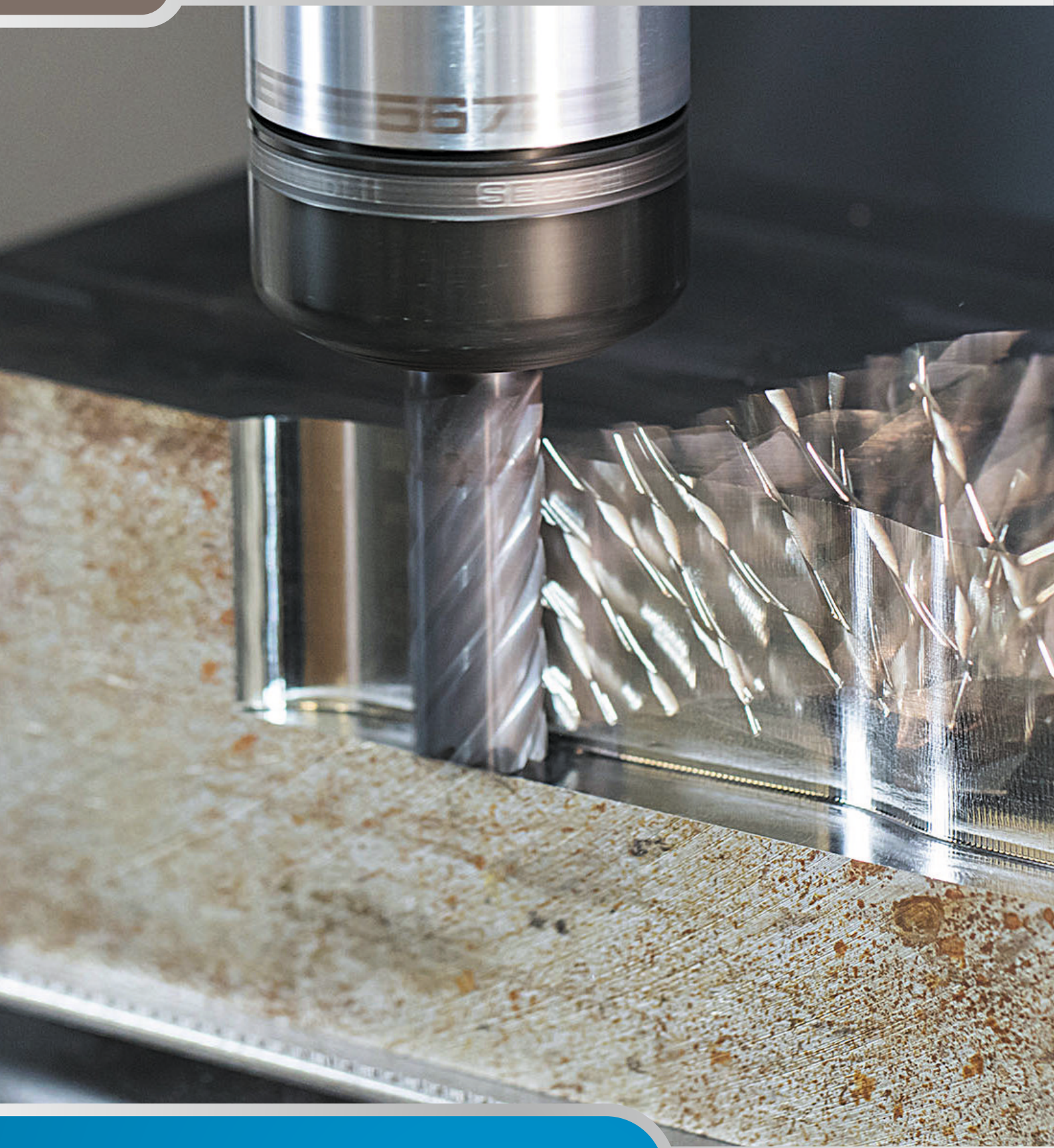


FREZE



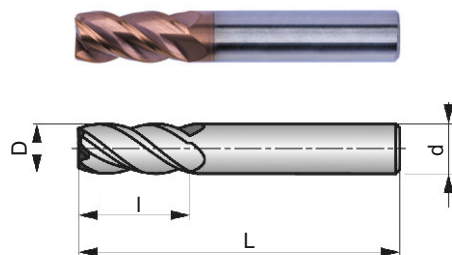
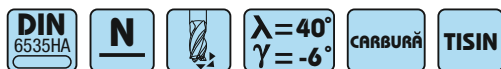
since 1991

PENTAGON

Întotdeauna Soluția Potrivită

SA561C

Freză cilindro-frontală cu coadă cilindrică pentru oțel călit (52 - 70 HRC) - CARBURĂ

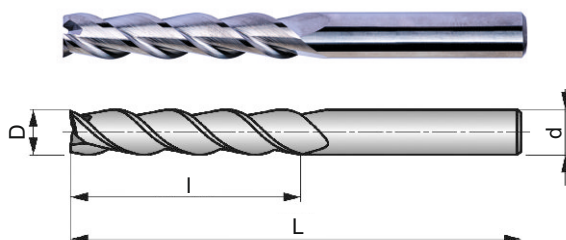


D = diametrul de tăiere; L = lungime totală;
l = lungime parte activă; d = diametrul cozii

| Cod | D | L | l | d | Cod | D | L | l | d |
|------------|-------|----|-----|---|------------|------|-----|----|----|
| SA561C0100 | Ø 1 | 50 | 3 | 6 | SA561C0800 | Ø 8 | 64 | 20 | 8 |
| SA561C0150 | Ø 1.5 | 50 | 4,5 | 6 | SA561C1000 | Ø 10 | 70 | 22 | 10 |
| SA561C0200 | Ø 2 | 50 | 6,5 | 6 | SA561C1200 | Ø 12 | 75 | 25 | 12 |
| SA561C0250 | Ø 2.5 | 50 | 6,5 | 6 | SA561C1400 | Ø 14 | 90 | 32 | 14 |
| SA561C0300 | Ø 3 | 50 | 9 | 6 | SA561C1600 | Ø 16 | 90 | 32 | 16 |
| SA561C0400 | Ø 4 | 50 | 12 | 6 | SA561C1800 | Ø 18 | 100 | 38 | 18 |
| SA561C0500 | Ø 5 | 50 | 15 | 6 | SA561C2000 | Ø 20 | 100 | 38 | 20 |
| SA561C0600 | Ø 6 | 60 | 20 | 6 | | | | | |

SA614C

Freză cilindro-frontală LUNGĂ cu coadă cilindrică - CARBURĂ

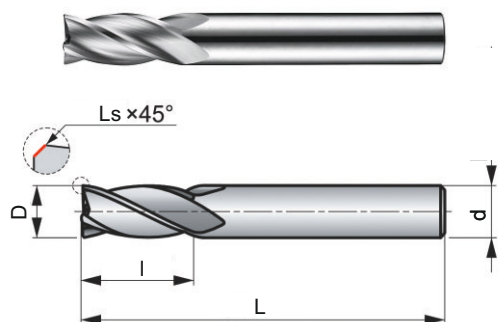


D = diametrul de tăiere; L = lungime totală;
l = lungime parte activă; d = diametrul cozii

| Cod | D | L | l | d | Cod | D | L | l | d |
|------------|-----|----|----|---|------------|------|-----|----|----|
| SA614C0300 | Ø 3 | 60 | 19 | 3 | SA614C0800 | Ø 8 | 100 | 41 | 8 |
| SA614C0301 | Ø 3 | 75 | 19 | 6 | SA614C1000 | Ø 10 | 100 | 50 | 10 |
| SA614C0400 | Ø 4 | 60 | 19 | 4 | SA614C1200 | Ø 12 | 100 | 50 | 12 |
| SA614C0401 | Ø 4 | 75 | 19 | 6 | SA614C1400 | Ø 14 | 125 | 57 | 14 |
| SA614C0500 | Ø 5 | 75 | 19 | 6 | SA614C1600 | Ø 16 | 125 | 57 | 16 |
| SA614C0600 | Ø 6 | 75 | 31 | 6 | | | | | |

SA904C

Freză cilindro-frontală multimaterial cu coadă cilindrică - CARBURĂ

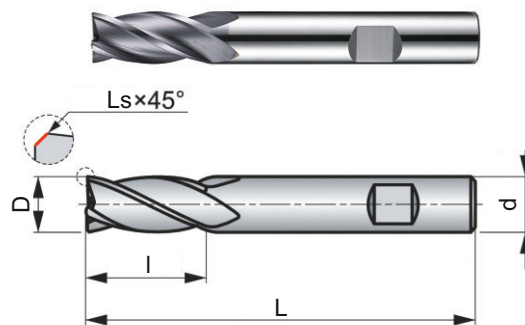
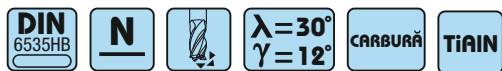


D = diametrul de tăiere; L = lungime totală;
l = lungime parte activă; d = diametrul cozii; Ls = lățime șanfen

| Cod | D | L | l | d | Ls | Cod | D | L | l | d | Ls |
|------------|-------|----|----|---|------|------------|------|-----|----|----|------|
| SA904C0200 | Ø 2 | 38 | 6 | 3 | 0,08 | SA904C0900 | Ø 9 | 72 | 21 | 10 | 0,13 |
| SA904C0250 | Ø 2.5 | 38 | 9 | 3 | 0,08 | SA904C1000 | Ø 10 | 72 | 22 | 10 | 0,2 |
| SA904C0300 | Ø 3 | 38 | 12 | 3 | 0,08 | SA904C1200 | Ø 12 | 73 | 25 | 12 | 0,2 |
| SA904C0400 | Ø 4 | 50 | 14 | 4 | 0,08 | SA904C1400 | Ø 14 | 83 | 30 | 14 | 0,2 |
| SA904C0500 | Ø 5 | 50 | 16 | 5 | 0,13 | SA904C1600 | Ø 16 | 92 | 32 | 16 | 0,2 |
| SA904C0600 | Ø 6 | 57 | 19 | 6 | 0,13 | SA904C1800 | Ø 18 | 92 | 32 | 18 | 0,2 |
| SA904C0700 | Ø 7 | 63 | 19 | 8 | 0,13 | SA904C2000 | Ø 20 | 104 | 38 | 20 | 0,3 |
| SA904C0800 | Ø 8 | 63 | 19 | 8 | 0,13 | | | | | | |

SA944C

Freză cilindro-frontală multimaterial cu coadă cilindrică, prindere weldon - CARBURĂ

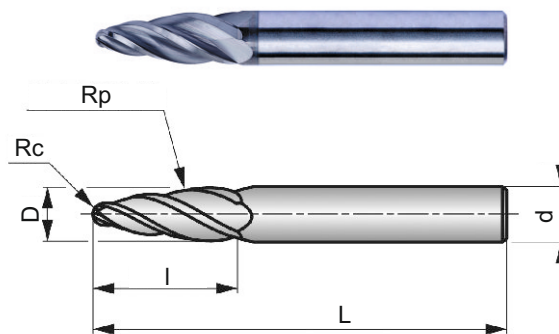


D = diametrul de tăiere; L = lungime totală;
l = lungime parte activă; d = diametrul cozii; Ls = lățime șanfen

| Cod | D | L | l | d | Ls | Cod | D | L | l | d | Ls |
|------------|-------|----|----|---|------|------------|------|-----|----|----|------|
| SA944C0200 | Ø 2 | 38 | 6 | 3 | 0,08 | SA944C0900 | Ø 9 | 72 | 21 | 10 | 0,13 |
| SA944C0250 | Ø 2.5 | 38 | 9 | 3 | 0,08 | SA944C1000 | Ø 10 | 72 | 22 | 10 | 0,2 |
| SA944C0300 | Ø 3 | 38 | 12 | 3 | 0,08 | SA944C1200 | Ø 12 | 73 | 25 | 12 | 0,2 |
| SA944C0400 | Ø 4 | 50 | 14 | 4 | 0,08 | SA944C1400 | Ø 14 | 83 | 30 | 14 | 0,2 |
| SA944C0500 | Ø 5 | 50 | 16 | 5 | 0,13 | SA944C1600 | Ø 16 | 92 | 32 | 16 | 0,2 |
| SA944C0600 | Ø 6 | 57 | 19 | 6 | 0,13 | SA944C1800 | Ø 18 | 92 | 32 | 18 | 0,2 |
| SA944C0700 | Ø 7 | 63 | 19 | 8 | 0,13 | SA944C2000 | Ø 20 | 104 | 38 | 20 | 0,3 |
| SA944C0800 | Ø 8 | 63 | 19 | 8 | 0,13 | | | | | | |

SA791C

Freză butoiară pentru finisare și semifinisare - CARBURĂ

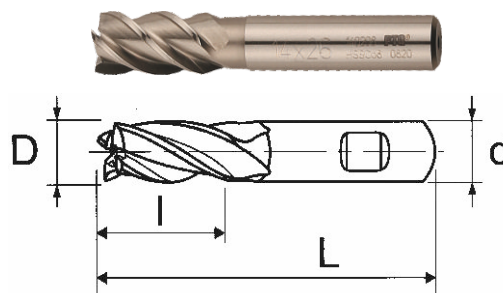
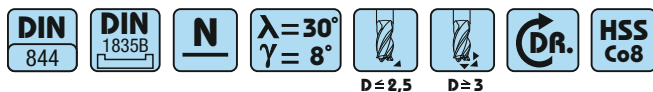


D = diametrul de tăiere; L = lungime totală; l = lungime parte activă
d = diametrul cozii; Rc = rază la colț; Rp = raza profilului

| Cod | D | L | l | d | Rp | Rc | Cod | D | L | l | d | Rp | Rc |
|------------|------|----|----|----|----|----|------------|------|----|----|----|----|----|
| SA791C0600 | Ø 6 | 67 | 22 | 6 | 95 | 1 | SA791C1200 | Ø 12 | 83 | 28 | 12 | 80 | 2 |
| SA791C0800 | Ø 8 | 75 | 25 | 8 | 90 | 1 | SA791C1600 | Ø 16 | 90 | 31 | 16 | 75 | 3 |
| SA791C1000 | Ø 10 | 75 | 26 | 10 | 85 | 2 | | | | | | | |

SA844HC

Freză cilindro-frontală cu coadă cilindrică DIN 844 - STAS 1684 HSS Co8



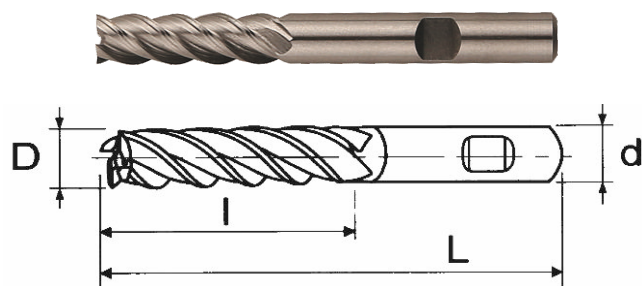
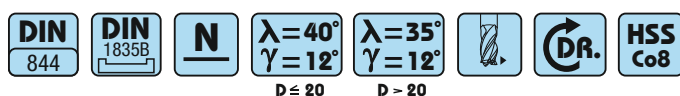
D = diametrul (mm); L = lungime totală (mm);
l = lungime parte activă (mm); d = diametrul cozii (mm)

| Cod | D | L | l | d | Cod | D | L | l | d |
|-------------|-------|----|----|---|-------------|-------|----|----|----|
| SA844HC0200 | Ø 2 | 51 | 7 | 6 | SA844HC0600 | Ø 6 | 57 | 13 | 6 |
| SA844HC0250 | Ø 2.5 | 52 | 8 | 6 | SA844HC0650 | Ø 6.5 | 66 | 16 | 10 |
| SA844HC0300 | Ø 3 | 52 | 8 | 6 | SA844HC0700 | Ø 7 | 66 | 16 | 10 |
| SA844HC0350 | Ø 3.5 | 54 | 10 | 6 | SA844HC0750 | Ø 7.5 | 66 | 16 | 10 |
| SA844HC0400 | Ø 4 | 55 | 11 | 6 | SA844HC0800 | Ø 8 | 69 | 19 | 10 |
| SA844HC0450 | Ø 4.5 | 55 | 11 | 6 | SA844HC0850 | Ø 8.5 | 69 | 19 | 10 |
| SA844HC0500 | Ø 5 | 57 | 13 | 6 | SA844HC0900 | Ø 9 | 69 | 19 | 10 |
| SA844HC0550 | Ø 5.5 | 57 | 13 | 6 | SA844HC0950 | Ø 9.5 | 69 | 19 | 10 |

| Cod | D | L | l | d | Cod | D | L | l | d |
|-------------|------|-----|----|----|-------------|------|-----|----|----|
| SA844HC1000 | Ø 10 | 72 | 22 | 10 | SA844HC2200 | Ø 22 | 121 | 38 | 20 |
| SA844HC1100 | Ø 11 | 79 | 22 | 12 | SA844HC2400 | Ø 24 | 121 | 45 | 25 |
| SA844HC1200 | Ø 12 | 83 | 26 | 12 | SA844HC2500 | Ø 25 | 121 | 45 | 25 |
| SA844HC1300 | Ø 13 | 83 | 26 | 12 | SA844HC2600 | Ø 26 | 121 | 45 | 25 |
| SA844HC1400 | Ø 14 | 83 | 26 | 12 | SA844HC2800 | Ø 28 | 121 | 45 | 25 |
| SA844HC1500 | Ø 15 | 83 | 26 | 12 | SA844HC3000 | Ø 30 | 121 | 45 | 25 |
| SA844HC1600 | Ø 16 | 92 | 32 | 16 | SA844HC3200 | Ø 32 | 133 | 53 | 32 |
| SA844HC1700 | Ø 17 | 92 | 32 | 16 | SA844HC3500 | Ø 35 | 133 | 53 | 32 |
| SA844HC1800 | Ø 18 | 92 | 32 | 16 | SA844HC3600 | Ø 36 | 133 | 53 | 32 |
| SA844HC1900 | Ø 19 | 92 | 32 | 16 | SA844HC4000 | Ø 40 | 143 | 63 | 32 |
| SA844HC2000 | Ø 20 | 104 | 38 | 20 | | | | | |

SA844HCO

Freză cilindro-frontală LUNGĂ cu coadă cilindrică DIN 844 - STAS 1684 HSS Co8

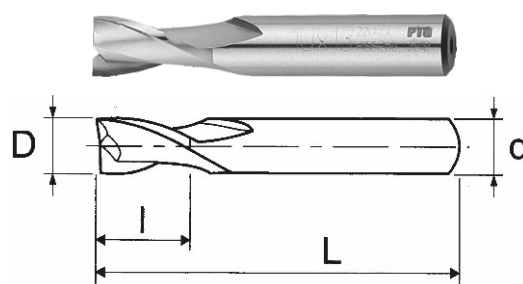
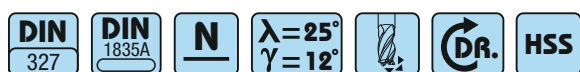


D = diametrul (mm); L = lungime totală (mm);
l = lungime parte activă (mm); d = diametrul cozii (mm)

| Cod | D | L | l | d | Cod | D | L | l | d |
|--------------|------|-----|----|----|--------------|------|-----|-----|----|
| SA844HCO0300 | Ø 3 | 56 | 12 | 6 | SA844HCO1500 | Ø 15 | 110 | 53 | 12 |
| SA844HCO0400 | Ø 4 | 63 | 19 | 6 | SA844HCO1600 | Ø 16 | 123 | 63 | 16 |
| SA844HCO0500 | Ø 5 | 68 | 24 | 6 | SA844HCO1700 | Ø 17 | 123 | 63 | 16 |
| SA844HCO0600 | Ø 6 | 68 | 24 | 6 | SA844HCO1800 | Ø 18 | 123 | 63 | 16 |
| SA844HCO0700 | Ø 7 | 80 | 30 | 10 | SA844HCO2000 | Ø 20 | 141 | 75 | 20 |
| SA844HCO0800 | Ø 8 | 88 | 38 | 10 | SA844HCO2200 | Ø 22 | 141 | 75 | 20 |
| SA844HCO0900 | Ø 9 | 88 | 38 | 10 | SA844HCO2500 | Ø 25 | 166 | 90 | 25 |
| SA844HCO1000 | Ø 10 | 95 | 45 | 10 | SA844HCO2800 | Ø 28 | 166 | 90 | 25 |
| SA844HCO1100 | Ø 11 | 102 | 45 | 12 | SA844HCO3000 | Ø 30 | 166 | 90 | 25 |
| SA844HCO1200 | Ø 12 | 110 | 53 | 12 | SA844HCO3200 | Ø 32 | 186 | 106 | 32 |
| SA844HCO1300 | Ø 13 | 110 | 53 | 12 | SA844HCO3600 | Ø 36 | 186 | 106 | 32 |
| SA844HCO1400 | Ø 14 | 110 | 53 | 12 | SA844HCO4000 | Ø 40 | 205 | 125 | 32 |

SA327HS

Freză pentru canelat cu coadă cilindrică DIN 327 - STAS 1680 - HSS

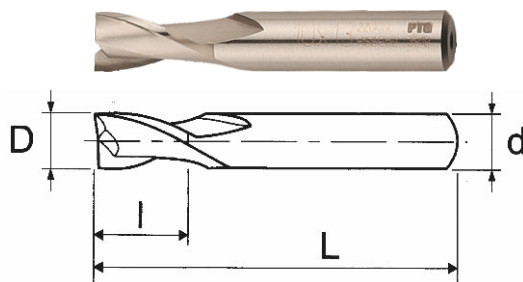
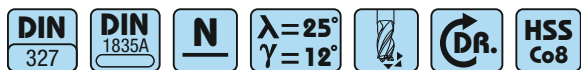


D = diametrul (mm); L = lungime totală (mm);
l = lungime parte activă (mm); d = diametrul cozii (mm)

| Cod | D | L | l | d | Cod | D | L | l | d |
|-------------|------|----|----|----|-------------|------|-----|----|----|
| SA327HS0200 | Ø 2 | 48 | 4 | 6 | SA327HS1600 | Ø 16 | 79 | 19 | 16 |
| SA327HS0301 | Ø 3 | 49 | 5 | 6 | SA327HS1700 | Ø 17 | 79 | 19 | 16 |
| SA327HS0302 | Ø 3 | 52 | 8 | 6 | SA327HS1800 | Ø 18 | 79 | 19 | 16 |
| SA327HS0400 | Ø 4 | 55 | 12 | 6 | SA327HS1900 | Ø 19 | 79 | 19 | 16 |
| SA327HS0500 | Ø 5 | 55 | 12 | 6 | SA327HS2000 | Ø 20 | 88 | 22 | 20 |
| SA327HS0600 | Ø 6 | 57 | 13 | 6 | SA327HS2100 | Ø 21 | 88 | 22 | 20 |
| SA327HS0700 | Ø 7 | 61 | 12 | 10 | SA327HS2200 | Ø 22 | 88 | 22 | 20 |
| SA327HS0800 | Ø 8 | 61 | 12 | 10 | SA327HS2400 | Ø 24 | 102 | 26 | 25 |
| SA327HS0900 | Ø 9 | 63 | 15 | 10 | SA327HS2500 | Ø 25 | 102 | 26 | 25 |
| SA327HS1000 | Ø 10 | 63 | 19 | 10 | SA327HS2600 | Ø 26 | 102 | 26 | 25 |
| SA327HS1100 | Ø 11 | 73 | 16 | 12 | SA327HS2800 | Ø 28 | 102 | 26 | 25 |
| SA327HS1200 | Ø 12 | 83 | 22 | 12 | SA327HS3000 | Ø 30 | 102 | 26 | 25 |
| SA327HS1300 | Ø 13 | 73 | 16 | 12 | SA327HS3200 | Ø 32 | 112 | 32 | 32 |
| SA327HS1400 | Ø 14 | 73 | 16 | 12 | SA327HS3600 | Ø 36 | 112 | 32 | 32 |
| SA327HS1500 | Ø 15 | 73 | 16 | 12 | | | | | |

SA327HC

Freză pentru canelat cu coadă cilindrică DIN 327 - STAS 1680 - HSS Co8

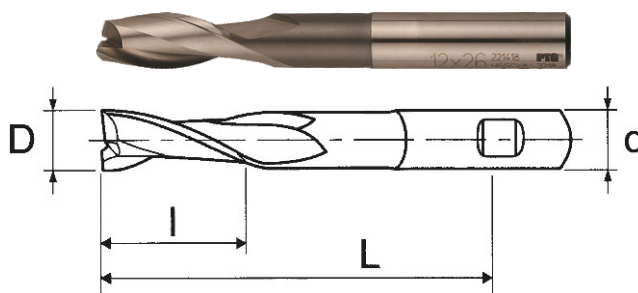
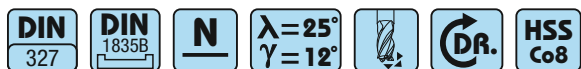


D = diametrul (mm); L = lungime totală (mm);
l = lungime parte activă (mm); d = diametrul cozii (mm)

| Cod | D | L | l | d | Cod | D | L | l | d |
|-------------|--------|----|----|----|-------------|--------|-----|----|----|
| SA327HC0100 | Ø 1 | 47 | 4 | 6 | SA327HC1100 | Ø 11 | 70 | 13 | 12 |
| SA327HC0150 | Ø 1.5 | 48 | 4 | 6 | SA327HC1150 | Ø 11.5 | 70 | 13 | 12 |
| SA327HC0200 | Ø 2 | 48 | 4 | 6 | SA327HC1170 | Ø 11.7 | 70 | 13 | 12 |
| SA327HC0250 | Ø 2.5 | 49 | 5 | 6 | SA327HC1200 | Ø 12 | 73 | 16 | 12 |
| SA327HC0280 | Ø 2.8 | 49 | 5 | 6 | SA327HC1250 | Ø 12.5 | 73 | 16 | 12 |
| SA327HC0300 | Ø 3 | 49 | 5 | 6 | SA327HC1300 | Ø 13 | 73 | 16 | 12 |
| SA327HC0350 | Ø 3.5 | 50 | 6 | 6 | SA327HC1350 | Ø 13.5 | 73 | 16 | 12 |
| SA327HC0380 | Ø 3.8 | 51 | 7 | 6 | SA327HC1400 | Ø 14 | 73 | 16 | 12 |
| SA327HC0400 | Ø 4 | 51 | 7 | 6 | SA327HC1500 | Ø 15 | 73 | 16 | 12 |
| SA327HC0450 | Ø 4.5 | 51 | 7 | 6 | SA327HC1600 | Ø 16 | 79 | 19 | 16 |
| SA327HC0480 | Ø 4.8 | 52 | 8 | 6 | SA327HC1700 | Ø 17 | 79 | 19 | 16 |
| SA327HC0500 | Ø 5 | 52 | 8 | 6 | SA327HC1800 | Ø 18 | 79 | 19 | 16 |
| SA327HC0550 | Ø 5.5 | 52 | 8 | 6 | SA327HC1900 | Ø 19 | 79 | 19 | 16 |
| SA327HC0575 | Ø 5.75 | 52 | 8 | 6 | SA327HC2000 | Ø 20 | 88 | 22 | 20 |
| SA327HC0600 | Ø 6 | 52 | 8 | 6 | SA327HC2100 | Ø 21 | 88 | 22 | 20 |
| SA327HC0650 | Ø 6.5 | 60 | 10 | 10 | SA327HC2200 | Ø 22 | 88 | 22 | 20 |
| SA327HC0700 | Ø 7 | 60 | 10 | 10 | SA327HC2400 | Ø 24 | 102 | 26 | 25 |
| SA327HC0750 | Ø 7.5 | 60 | 10 | 10 | SA327HC2501 | Ø 25 | 102 | 26 | 25 |
| SA327HC0775 | Ø 7.75 | 61 | 11 | 10 | SA327HC2502 | Ø 25 | 96 | 26 | 20 |
| SA327HC0800 | Ø 8 | 61 | 11 | 10 | SA327HC2600 | Ø 26 | 102 | 26 | 25 |
| SA327HC0850 | Ø 8.5 | 61 | 11 | 10 | SA327HC2801 | Ø 28 | 102 | 26 | 25 |
| SA327HC0900 | Ø 9 | 61 | 11 | 10 | SA327HC2802 | Ø 28 | 96 | 26 | 20 |
| SA327HC0950 | Ø 9.5 | 61 | 11 | 10 | SA327HC3000 | Ø 30 | 102 | 26 | 25 |
| SA327HC0970 | Ø 9.7 | 63 | 13 | 10 | SA327HC3200 | Ø 32 | 112 | 32 | 32 |
| SA327HC1000 | Ø 10 | 63 | 13 | 10 | SA327HC3600 | Ø 36 | 112 | 32 | 32 |
| SA327HC1050 | Ø 10.5 | 70 | 13 | 12 | SA327HC4000 | Ø 40 | 118 | 38 | 32 |

SA327HCO

Freză pentru canelat, LUNGĂ cu coadă cilindrică DIN 327 - STAS 1680 HSS Co8

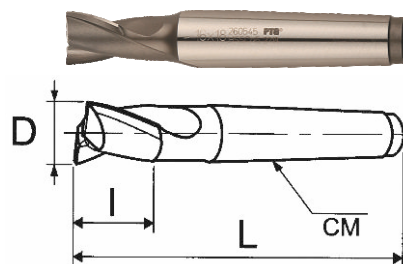
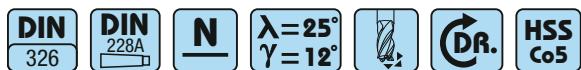


D = diametrul (mm); L = lungime totală (mm);
l = lungime parte activă (mm); d = diametrul cozii (mm)

| Cod | D | L | l | d | Cod | D | L | l | d |
|--------------|-------|-----|----|----|--------------|------|-----|----|----|
| SA327HCO0200 | Ø 2 | 54 | 7 | 6 | SA327HCO1300 | Ø 13 | 110 | 26 | 12 |
| SA327HCO0300 | Ø 3 | 56 | 8 | 6 | SA327HCO1400 | Ø 14 | 110 | 26 | 12 |
| SA327HCO0350 | Ø 3.5 | 59 | 10 | 6 | SA327HCO1500 | Ø 15 | 110 | 26 | 12 |
| SA327HCO0400 | Ø 4 | 63 | 11 | 6 | SA327HCO1600 | Ø 16 | 123 | 32 | 16 |
| SA327HCO0450 | Ø 4.5 | 63 | 11 | 6 | SA327HCO1800 | Ø 18 | 123 | 32 | 16 |
| SA327HCO0500 | Ø 5 | 68 | 13 | 6 | SA327HCO2000 | Ø 20 | 141 | 38 | 20 |
| SA327HCO0550 | Ø 5.5 | 68 | 13 | 6 | SA327HCO2200 | Ø 22 | 141 | 38 | 20 |
| SA327HCO0600 | Ø 6 | 68 | 13 | 6 | SA327HCO2400 | Ø 24 | 166 | 45 | 25 |
| SA327HCO0650 | Ø 6.5 | 80 | 16 | 10 | SA327HCO2500 | Ø 25 | 166 | 45 | 25 |
| SA327HCO0700 | Ø 7 | 80 | 16 | 10 | SA327HCO2600 | Ø 26 | 166 | 45 | 25 |
| SA327HCO0800 | Ø 8 | 88 | 19 | 10 | SA327HCO2800 | Ø 28 | 166 | 45 | 25 |
| SA327HCO0850 | Ø 8.5 | 88 | 19 | 10 | SA327HCO3000 | Ø 30 | 166 | 45 | 25 |
| SA327HCO0900 | Ø 9 | 88 | 19 | 10 | SA327HCO3200 | Ø 32 | 186 | 53 | 32 |
| SA327HCO1000 | Ø 10 | 95 | 22 | 10 | SA327HCO3600 | Ø 36 | 186 | 53 | 32 |
| SA327HCO1100 | Ø 11 | 102 | 22 | 12 | SA327HCO4000 | Ø 40 | 196 | 63 | 32 |
| SA327HCO1200 | Ø 12 | 110 | 26 | 12 | | | | | |

SA326HC

Freză pentru canelat cu coadă conică DIN 326 - STAS 1681 - HSS Co5

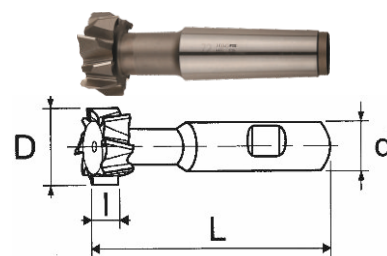
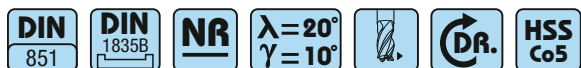


D = diametrul (mm); L = lungime totală (mm);
I = lungime parte activă (mm); CM = con Morse (mm)

| Cod | D | L | I | CM | Cod | D | L | I | CM |
|-------------|------|-----|----|----|-------------|------|-----|----|----|
| SA326HC1200 | Ø 12 | 85 | 14 | 1 | SA326HC2800 | Ø 28 | 145 | 28 | 3 |
| SA326HC1400 | Ø 14 | 100 | 16 | 2 | SA326HC3000 | Ø 30 | 150 | 30 | 3 |
| SA326HC1600 | Ø 16 | 105 | 18 | 2 | SA326HC3200 | Ø 32 | 175 | 32 | 4 |
| SA326HC1800 | Ø 18 | 110 | 20 | 2 | SA326HC3600 | Ø 36 | 175 | 34 | 4 |
| SA326HC2000 | Ø 20 | 115 | 20 | 2 | SA326HC4000 | Ø 40 | 180 | 38 | 4 |
| SA326HC2200 | Ø 22 | 120 | 22 | 2 | SA326HC4500 | Ø 45 | 185 | 42 | 4 |
| SA326HC2400 | Ø 24 | 140 | 25 | 3 | SA326HC5000 | Ø 50 | 220 | 45 | 5 |
| SA326HC2500 | Ø 25 | 140 | 25 | 3 | | | | | |

SA851HC

Freză pentru canale T, cu coadă cilindrică DIN 851 - HSS Co5

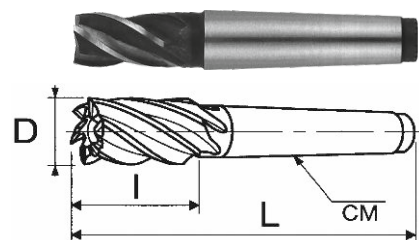
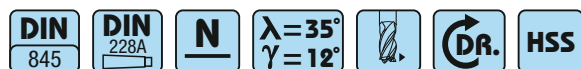


D = diametrul (mm); L = lungime totală (mm);
I = lungime parte activă (mm); d = diametrul cozii (mm)

| Cod | D | L | I | d | Cod | D | L | I | d |
|-------------|--------|----|------|----|-------------|------|----|-----|----|
| SA851HC1100 | Ø 11 | 4 | 53.5 | 10 | SA851HC2800 | Ø 28 | 12 | 85 | 16 |
| SA851HC1250 | Ø 12.5 | 6 | 57 | 10 | SA851HC3200 | Ø 32 | 14 | 90 | 16 |
| SA851HC1600 | Ø 16 | 8 | 62 | 10 | SA851HC3600 | Ø 36 | 16 | 103 | 25 |
| SA851HC1800 | Ø 18 | 8 | 70 | 12 | SA851HC4000 | Ø 40 | 18 | 108 | 25 |
| SA851HC1900 | Ø 19 | 9 | 71 | 12 | SA851HC4500 | Ø 45 | 20 | 113 | 25 |
| SA851HC2100 | Ø 21 | 9 | 74 | 12 | SA851HC5000 | Ø 50 | 22 | 124 | 32 |
| SA851HC2200 | Ø 22 | 10 | 75 | 12 | SA851HC6000 | Ø 60 | 28 | 139 | 32 |
| SA851HC2500 | Ø 25 | 11 | 82 | 16 | | | | | |

SA845HS

Freză cilindro-frontală, cu coada conică DIN 845 - STAS 1683 - HSS

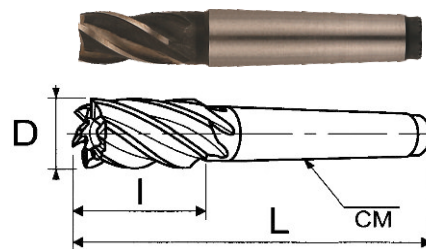
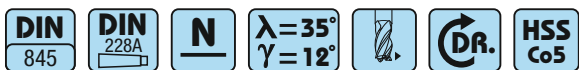


D = diametrul (mm); L = lungime totală (mm);
I = lungime parte activă (mm); CM = con Morse (mm)

| Cod | D | L | I | CM | Cod | D | L | I | CM |
|-------------|------|-----|----|----|-------------|------|-----|----|----|
| SA845HS1000 | Ø 10 | 92 | 22 | 1 | SA845HS3000 | Ø 30 | 147 | 45 | 3 |
| SA845HS1100 | Ø 11 | 92 | 22 | 1 | SA845HS3201 | Ø 32 | 155 | 53 | 3 |
| SA845HS1200 | Ø 12 | 96 | 26 | 1 | SA845HS3202 | Ø 32 | 178 | 53 | 4 |
| SA845HS1400 | Ø 14 | 111 | 26 | 2 | SA845HS3400 | Ø 34 | 178 | 53 | 4 |
| SA845HS1500 | Ø 15 | 111 | 26 | 2 | SA845HS3500 | Ø 35 | 178 | 53 | 4 |
| SA845HS1600 | Ø 16 | 117 | 32 | 2 | SA845HS3600 | Ø 36 | 178 | 53 | 4 |
| SA845HS1800 | Ø 18 | 117 | 32 | 2 | SA845HS3800 | Ø 38 | 188 | 63 | 4 |
| SA845HS2000 | Ø 20 | 123 | 38 | 2 | SA845HS4000 | Ø 40 | 188 | 63 | 4 |
| SA845HS2100 | Ø 21 | 123 | 38 | 2 | SA845HS4200 | Ø 42 | 188 | 63 | 4 |
| SA845HS2200 | Ø 22 | 123 | 38 | 2 | SA845HS4400 | Ø 44 | 188 | 63 | 4 |
| SA845HS2400 | Ø 24 | 147 | 45 | 3 | SA845HS4500 | Ø 45 | 188 | 63 | 4 |
| SA845HS2500 | Ø 25 | 147 | 45 | 3 | SA845HS5000 | Ø 50 | 233 | 75 | 5 |
| SA845HS2600 | Ø 26 | 147 | 45 | 3 | SA845HS5600 | Ø 56 | 233 | 75 | 5 |
| SA845HS2800 | Ø 28 | 147 | 45 | 3 | SA845HS6300 | Ø 63 | 248 | 90 | 5 |

SA845HC

Freză cilindro-frontală cu coadă conică
DIN 845 - STAS 1683 - HSS Co5

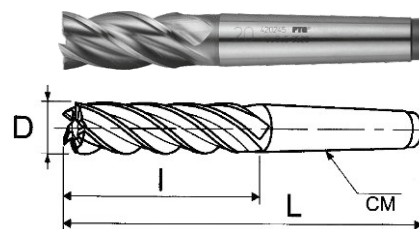
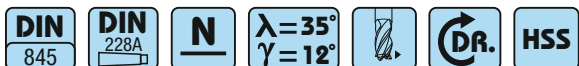


D = diametrul (mm); L = lungime totală (mm);
I = lungime parte activă (mm); CM = con Morse (mm)

| Cod | D | L | I | CM | Cod | D | L | I | CM |
|-------------|------|-----|----|----|-------------|------|-----|----|----|
| SA845HC1000 | Ø 10 | 92 | 22 | 1 | SA845HC2800 | Ø 28 | 147 | 45 | 3 |
| SA845HC1200 | Ø 12 | 111 | 26 | 2 | SA845HC3000 | Ø 30 | 147 | 45 | 3 |
| SA845HC1400 | Ø 14 | 111 | 26 | 2 | SA845HC3200 | Ø 32 | 178 | 53 | 4 |
| SA845HC1600 | Ø 16 | 117 | 32 | 2 | SA845HC3600 | Ø 36 | 178 | 53 | 4 |
| SA845HC1800 | Ø 18 | 117 | 32 | 2 | SA845HC4000 | Ø 40 | 188 | 63 | 4 |
| SA845HC2000 | Ø 20 | 123 | 38 | 2 | SA845HC4500 | Ø 45 | 188 | 63 | 4 |
| SA845HC2200 | Ø 22 | 123 | 38 | 2 | SA845HC5000 | Ø 50 | 233 | 75 | 5 |
| SA845HC2400 | Ø 24 | 147 | 45 | 3 | SA845HC5600 | Ø 56 | 233 | 75 | 5 |
| SA845HC2500 | Ø 25 | 147 | 45 | 3 | SA845HC6300 | Ø 63 | 248 | 90 | 5 |
| SA845HC2600 | Ø 26 | 147 | 45 | 3 | | | | | |

SA845HSS

Freză cilindro-frontală, LUNGĂ, cu coadă conică
DIN 845 - STAS 1683 - HSS

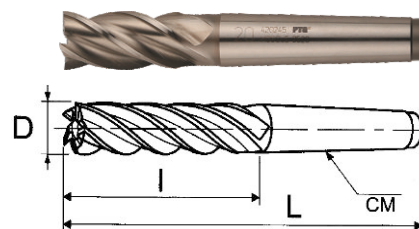
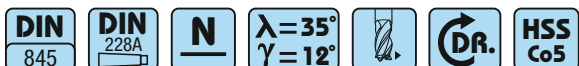


D = diametrul (mm); L = lungime totală (mm);
I = lungime parte activă (mm); CM = con Morse (mm)

| Cod | D | L | I | CM | Cod | D | L | I | CM |
|--------------|------|-----|----|----|--------------|------|-----|-----|----|
| SA845HSS0800 | Ø 8 | 108 | 38 | 1 | SA845HSS3000 | Ø 30 | 192 | 90 | 3 |
| SA845HSS0900 | Ø 9 | 108 | 38 | 1 | SA845HSS3200 | Ø 32 | 231 | 106 | 4 |
| SA845HSS1000 | Ø 10 | 115 | 45 | 1 | SA845HSS3400 | Ø 34 | 231 | 106 | 4 |
| SA845HSS1100 | Ø 11 | 115 | 45 | 1 | SA845HSS3500 | Ø 35 | 231 | 106 | 4 |
| SA845HSS1200 | Ø 12 | 123 | 53 | 1 | SA845HSS3600 | Ø 36 | 231 | 106 | 4 |
| SA845HSS1400 | Ø 14 | 136 | 53 | 2 | SA845HSS3800 | Ø 38 | 250 | 125 | 4 |
| SA845HSS1500 | Ø 15 | 136 | 53 | 2 | SA845HSS4000 | Ø 40 | 250 | 125 | 4 |
| SA845HSS1600 | Ø 16 | 148 | 63 | 2 | SA845HSS4200 | Ø 42 | 250 | 125 | 4 |
| SA845HSS1800 | Ø 18 | 148 | 63 | 2 | SA845HSS4400 | Ø 44 | 250 | 125 | 4 |
| SA845HSS2000 | Ø 20 | 160 | 75 | 3 | SA845HSS4501 | Ø 45 | 250 | 125 | 4 |
| SA845HSS2100 | Ø 21 | 160 | 75 | 3 | SA845HSS4502 | Ø 45 | 283 | 125 | 5 |
| SA845HSS2200 | Ø 22 | 160 | 75 | 3 | SA845HSS5000 | Ø 50 | 275 | 150 | 4 |
| SA845HSS2400 | Ø 24 | 192 | 90 | 3 | SA845HSS5200 | Ø 52 | 308 | 150 | 5 |
| SA845HSS2500 | Ø 25 | 192 | 90 | 3 | SA845HSS5600 | Ø 56 | 308 | 150 | 5 |
| SA845HSS2600 | Ø 26 | 192 | 90 | 3 | SA845HSS6300 | Ø 63 | 338 | 180 | 5 |
| SA845HSS2800 | Ø 28 | 192 | 90 | 3 | | | | | |

SA845HCO

Freză cilindro-frontală, LUNGĂ, cu coadă conică
DIN 845 - STAS 1683 - HSS Co5

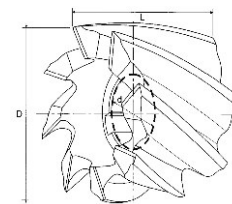
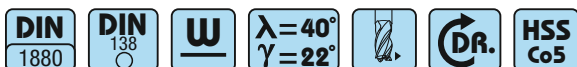


D = diametrul (mm); L = lungime totală (mm);
I = lungime parte activă (mm); CM = con Morse (mm)

| Cod | D | L | I | CM | Cod | D | L | I | CM |
|--------------|------|-----|----|----|--------------|------|-----|-----|----|
| SA845HCO1000 | Ø 10 | 115 | 45 | 1 | SA845HCO2800 | Ø 28 | 192 | 90 | 3 |
| SA845HCO1200 | Ø 12 | 138 | 53 | 2 | SA845HCO3000 | Ø 30 | 192 | 90 | 3 |
| SA845HCO1400 | Ø 14 | 138 | 53 | 2 | SA845HCO3200 | Ø 32 | 231 | 106 | 4 |
| SA845HCO1600 | Ø 16 | 148 | 63 | 2 | SA845HCO3600 | Ø 36 | 231 | 106 | 4 |
| SA845HCO1800 | Ø 18 | 148 | 63 | 2 | SA845HCO4000 | Ø 40 | 250 | 125 | 4 |
| SA845HCO2000 | Ø 20 | 160 | 75 | 2 | SA845HCO4500 | Ø 45 | 250 | 125 | 4 |
| SA845HCO2200 | Ø 22 | 160 | 75 | 2 | SA845HCO5000 | Ø 50 | 308 | 150 | 5 |
| SA845HCO2400 | Ø 24 | 192 | 90 | 3 | SA845HCO5600 | Ø 56 | 308 | 150 | 5 |
| SA845HCO2500 | Ø 25 | 192 | 90 | 3 | SA845HCO6300 | Ø 63 | 338 | 180 | 5 |
| SA845HCO2600 | Ø 26 | 192 | 90 | 3 | | | | | |

SA1880HC

**Freză cilindro-frontală cu alezaj
DIN 1880 - STAS 579 - HSS Co5**

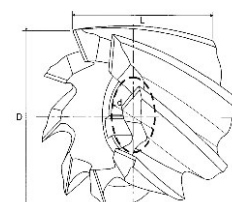
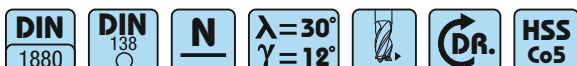


D = diametrul (mm); L = lungime totală (mm);
d = diametrul interior (mm); z = nr. de dinți

| Cod | D | L | d | z | Cod | D | L | d | z |
|--------------|------|----|----|---|--------------|-------|----|----|---|
| SA1880HC0400 | Ø 40 | 32 | 16 | 4 | SA1880HC0800 | Ø 80 | 45 | 27 | 6 |
| SA1880HC0500 | Ø 50 | 36 | 22 | 4 | SA1880HC1000 | Ø 100 | 50 | 32 | 7 |
| SA1880HC0630 | Ø 63 | 40 | 27 | 5 | | | | | |

SA1880HCO

**Freză cilindro-frontală cu alezaj
DIN 1880 - STAS 579 - HSS Co5**

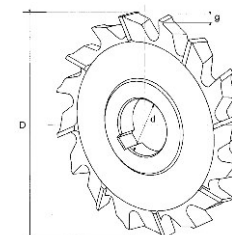
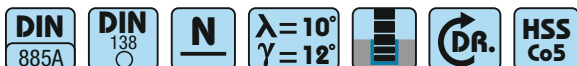


D = diametrul (mm); L = lungime totală (mm);
d = diametrul interior (mm); z = nr. de dinți

| Cod | D | L | d | z | Cod | D | L | d | z |
|---------------|------|----|----|---|---------------|-------|----|----|----|
| SA1880HCO0400 | Ø 40 | 32 | 16 | 6 | SA1880HCO0800 | Ø 80 | 45 | 27 | 10 |
| SA1880HCO0500 | Ø 50 | 36 | 22 | 8 | SA1880HCO1000 | Ø 100 | 50 | 32 | 10 |
| SA1880HCO0630 | Ø 63 | 40 | 27 | 8 | SA1880HCO1250 | Ø 125 | 56 | 40 | 14 |

SA885A

**Freză disc 3 tăişuri cu dinți
în zig-zag DIN 885A - STAS 2215/1
HSS Co5**



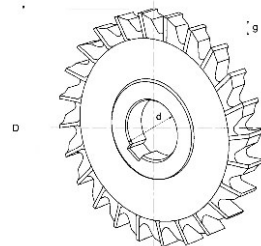
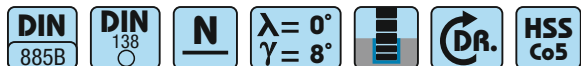
D = diametrul (mm); g = grosimea (mm);
d = diametrul interior (mm); z = nr. de dinți

| Cod | D | g | d | z | Cod | D | g | d | z |
|-------------|------|----|----|----|-------------|------|----|----|----|
| SA885A05003 | Ø 50 | 3 | 16 | 12 | SA885A06314 | Ø 63 | 14 | 22 | 12 |
| SA885A05004 | Ø 50 | 4 | 16 | 12 | SA885A06316 | Ø 63 | 16 | 22 | 12 |
| SA885A05005 | Ø 50 | 5 | 16 | 12 | SA885A06318 | Ø 63 | 18 | 22 | 12 |
| SA885A05006 | Ø 50 | 6 | 16 | 12 | SA885A08003 | Ø 80 | 3 | 27 | 14 |
| SA885A05008 | Ø 50 | 8 | 16 | 12 | SA885A08004 | Ø 80 | 4 | 27 | 14 |
| SA885A05010 | Ø 50 | 10 | 16 | 12 | SA885A08005 | Ø 80 | 5 | 27 | 14 |
| SA885A06303 | Ø 63 | 3 | 22 | 12 | SA885A08006 | Ø 80 | 6 | 27 | 14 |
| SA885A06304 | Ø 63 | 4 | 22 | 12 | SA885A08008 | Ø 80 | 8 | 27 | 14 |
| SA885A06305 | Ø 63 | 5 | 22 | 12 | SA885A08010 | Ø 80 | 10 | 27 | 14 |
| SA885A06306 | Ø 63 | 6 | 22 | 12 | SA885A08012 | Ø 80 | 12 | 27 | 14 |
| SA885A06308 | Ø 63 | 8 | 22 | 12 | SA885A08014 | Ø 80 | 14 | 27 | 14 |
| SA885A06310 | Ø 63 | 10 | 22 | 12 | SA885A08016 | Ø 80 | 16 | 27 | 14 |
| SA885A06312 | Ø 63 | 12 | 22 | 12 | SA885A08018 | Ø 80 | 18 | 27 | 14 |

| Cod | D | g | d | z | Cod | D | g | d | z |
|-------------|-------|----|----|----|-------------|-------|----|----|----|
| SA885A08020 | Ø 80 | 20 | 27 | 14 | SA885A12520 | Ø 125 | 20 | 32 | 16 |
| SA885A10003 | Ø 100 | 3 | 32 | 14 | SA885A12522 | Ø 125 | 22 | 32 | 16 |
| SA885A10004 | Ø 100 | 4 | 32 | 14 | SA885A12525 | Ø 125 | 25 | 32 | 16 |
| SA885A10005 | Ø 100 | 5 | 32 | 14 | SA885A12528 | Ø 125 | 28 | 32 | 16 |
| SA885A10006 | Ø 100 | 6 | 32 | 14 | SA885A16006 | Ø 160 | 6 | 40 | 18 |
| SA885A10008 | Ø 100 | 8 | 32 | 14 | SA885A16008 | Ø 160 | 8 | 40 | 18 |
| SA885A10010 | Ø 100 | 10 | 32 | 14 | SA885A16010 | Ø 160 | 10 | 40 | 18 |
| SA885A10012 | Ø 100 | 12 | 32 | 14 | SA885A16012 | Ø 160 | 12 | 40 | 18 |
| SA885A10014 | Ø 100 | 14 | 32 | 14 | SA885A16014 | Ø 160 | 14 | 40 | 18 |
| SA885A10016 | Ø 100 | 16 | 32 | 14 | SA885A16016 | Ø 160 | 16 | 40 | 18 |
| SA885A10018 | Ø 100 | 18 | 32 | 14 | SA885A16018 | Ø 160 | 18 | 40 | 18 |
| SA885A10020 | Ø 100 | 20 | 32 | 14 | SA885A16020 | Ø 160 | 20 | 40 | 18 |
| SA885A10022 | Ø 100 | 22 | 32 | 14 | SA885A16025 | Ø 160 | 25 | 40 | 18 |
| SA885A10025 | Ø 100 | 25 | 32 | 14 | SA885A16032 | Ø 160 | 32 | 40 | 18 |
| SA885A12504 | Ø 125 | 4 | 32 | 16 | SA885A20008 | Ø 200 | 8 | 40 | 24 |
| SA885A12505 | Ø 125 | 5 | 32 | 16 | SA885A20010 | Ø 200 | 10 | 40 | 24 |
| SA885A12506 | Ø 125 | 6 | 32 | 16 | SA885A20012 | Ø 200 | 12 | 40 | 24 |
| SA885A12508 | Ø 125 | 8 | 32 | 16 | SA885A20014 | Ø 200 | 14 | 40 | 24 |
| SA885A12510 | Ø 125 | 10 | 32 | 16 | SA885A20016 | Ø 200 | 16 | 40 | 24 |
| SA885A12512 | Ø 125 | 12 | 32 | 16 | SA885A20018 | Ø 200 | 18 | 40 | 24 |
| SA885A12514 | Ø 125 | 14 | 32 | 16 | SA885A20020 | Ø 200 | 20 | 40 | 24 |
| SA885A12516 | Ø 125 | 16 | 32 | 16 | SA885A20025 | Ø 200 | 25 | 40 | 24 |
| SA885A12518 | Ø 125 | 18 | 32 | 16 | SA885A20032 | Ø 200 | 32 | 40 | 24 |

SA885B

Freză disc 3 tășuri cu dinți drepți
DIN 885B - STAS 2215/2
HSS Co5

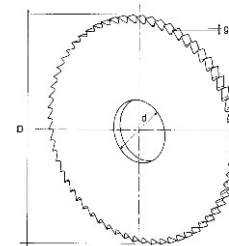
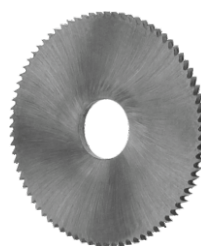


D = diametrul (mm); g = grosimea (mm);
d = diametrul interior (mm); z = nr. de dinți

| Cod | D | g | d | z | Cod | D | g | d | z |
|-------------|-------|----|----|----|-------------|-------|----|----|----|
| SA885B05003 | Ø 50 | 4 | 16 | 16 | SA885B10012 | Ø 100 | 12 | 32 | 24 |
| SA885B05005 | Ø 50 | 5 | 16 | 16 | SA885B10014 | Ø 100 | 14 | 32 | 24 |
| SA885B05006 | Ø 50 | 6 | 16 | 16 | SA885B10016 | Ø 100 | 16 | 32 | 24 |
| SA885B05007 | Ø 50 | 7 | 16 | 16 | SA885B10018 | Ø 100 | 18 | 32 | 24 |
| SA885B05008 | Ø 50 | 8 | 16 | 16 | SA885B10020 | Ø 100 | 20 | 32 | 24 |
| SA885B05010 | Ø 50 | 10 | 16 | 16 | SA885B10022 | Ø 100 | 22 | 32 | 24 |
| SA885B06304 | Ø 63 | 4 | 22 | 18 | SA885B10025 | Ø 100 | 25 | 32 | 24 |
| SA885B06305 | Ø 63 | 5 | 22 | 18 | SA885B12506 | Ø 125 | 6 | 32 | 24 |
| SA885B06305 | Ø 63 | 6 | 22 | 18 | SA885B12508 | Ø 125 | 8 | 32 | 24 |
| SA885B06308 | Ø 63 | 8 | 22 | 18 | SA885B12510 | Ø 125 | 10 | 32 | 24 |
| SA885B06310 | Ø 63 | 10 | 22 | 18 | SA885B12512 | Ø 125 | 12 | 32 | 24 |
| SA885B06312 | Ø 63 | 12 | 22 | 18 | SA885B12514 | Ø 125 | 14 | 32 | 24 |
| SA885B06314 | Ø 63 | 14 | 22 | 18 | SA885B12516 | Ø 125 | 16 | 32 | 24 |
| SA885B06316 | Ø 63 | 16 | 22 | 18 | SA885B12518 | Ø 125 | 18 | 32 | 24 |
| SA885B06318 | Ø 63 | 18 | 22 | 18 | SA885B12520 | Ø 125 | 20 | 32 | 24 |
| SA885B08004 | Ø 80 | 4 | 27 | 20 | SA885B12525 | Ø 125 | 25 | 32 | 24 |
| SA885B08005 | Ø 80 | 5 | 27 | 20 | SA885B12510 | Ø 160 | 10 | 40 | 24 |
| SA885B08006 | Ø 80 | 6 | 27 | 20 | SA885B16012 | Ø 160 | 12 | 40 | 24 |
| SA885B08008 | Ø 80 | 8 | 27 | 20 | SA885B16014 | Ø 160 | 14 | 40 | 24 |
| SA885B08010 | Ø 80 | 10 | 27 | 20 | SA885B16016 | Ø 160 | 16 | 40 | 24 |
| SA885B08012 | Ø 80 | 12 | 27 | 20 | SA885B16018 | Ø 160 | 18 | 40 | 24 |
| SA885B08014 | Ø 80 | 14 | 27 | 20 | SA885B16020 | Ø 160 | 20 | 40 | 24 |
| SA885B08016 | Ø 80 | 16 | 27 | 20 | SA885B20010 | Ø 200 | 10 | 40 | 32 |
| SA885B08018 | Ø 80 | 18 | 27 | 20 | SA885B20012 | Ø 200 | 12 | 40 | 32 |
| SA885B08020 | Ø 80 | 20 | 27 | 20 | SA885B20014 | Ø 200 | 14 | 40 | 32 |
| SA885B10006 | Ø 100 | 6 | 32 | 24 | SA885B20016 | Ø 200 | 16 | 40 | 32 |
| SA885B10008 | Ø 100 | 8 | 32 | 24 | SA885B20018 | Ø 200 | 18 | 40 | 32 |
| SA885B10010 | Ø 100 | 10 | 32 | 24 | SA885B20020 | Ø 200 | 20 | 40 | 32 |

SA1837F

Freză disc DIN 1837/1838
STAS 1159/F - HSS



D = diametrul (mm); g = grosimea (mm);
d = diametrul interior (mm); z = nr. de dinți

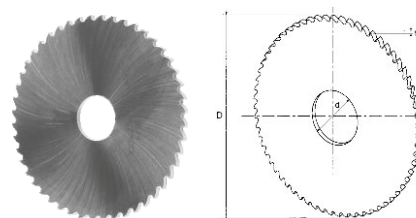
| Cod | D | g | d | z | Cod | D | g | d | z |
|---------------|------|------|----|-----|---------------|-------|------|----|-----|
| SA1837F020015 | Ø 20 | 0.15 | 5 | 80 | SA1837F040300 | Ø 40 | 3.00 | 10 | 48 |
| SA1837F020020 | Ø 20 | 0.20 | 5 | 80 | SA1837F050020 | Ø 50 | 0.20 | 13 | 128 |
| SA1837F020025 | Ø 20 | 0.25 | 5 | 64 | SA1837F050025 | Ø 50 | 0.25 | 13 | 128 |
| SA1837F020030 | Ø 20 | 0.30 | 5 | 64 | SA1837F050030 | Ø 50 | 0.30 | 13 | 128 |
| SA1837F020040 | Ø 20 | 0.40 | 5 | 64 | SA1837F050040 | Ø 50 | 0.40 | 13 | 100 |
| SA1837F020050 | Ø 20 | 0.50 | 5 | 48 | SA1837F050050 | Ø 50 | 0.50 | 13 | 100 |
| SA1837F020060 | Ø 20 | 0.60 | 5 | 48 | SA1837F050060 | Ø 50 | 0.60 | 13 | 100 |
| SA1837F020070 | Ø 20 | 0.70 | 5 | 48 | SA1837F050070 | Ø 50 | 0.70 | 13 | 80 |
| SA1837F020080 | Ø 20 | 0.80 | 5 | 48 | SA1837F050080 | Ø 50 | 0.80 | 13 | 80 |
| SA1837F020090 | Ø 20 | 0.90 | 5 | 40 | SA1837F050090 | Ø 50 | 0.90 | 13 | 80 |
| SA1837F020100 | Ø 20 | 1.00 | 5 | 40 | SA1837F050100 | Ø 50 | 1.00 | 13 | 80 |
| SA1837F020120 | Ø 20 | 1.20 | 5 | 40 | SA1837F050120 | Ø 50 | 1.20 | 13 | 80 |
| SA1837F020150 | Ø 20 | 1.50 | 5 | 40 | SA1837F050250 | Ø 50 | 1.50 | 13 | 64 |
| SA1837F020160 | Ø 20 | 1.60 | 5 | 40 | SA1837F050160 | Ø 50 | 1.60 | 13 | 64 |
| SA1837F020200 | Ø 20 | 2.00 | 5 | 32 | SA1837F050200 | Ø 50 | 2.00 | 13 | 64 |
| SA1837F020250 | Ø 20 | 2.50 | 5 | 32 | SA1837F050250 | Ø 50 | 2.50 | 13 | 64 |
| SA1837F020300 | Ø 20 | 3.00 | 5 | 32 | SA1837F050300 | Ø 50 | 3.00 | 13 | 48 |
| SA1837F025015 | Ø 25 | 0.15 | 8 | 80 | SA1837F050400 | Ø 50 | 4.00 | 13 | 48 |
| SA1837F025020 | Ø 25 | 0.20 | 8 | 80 | SA1837F050500 | Ø 50 | 5.00 | 13 | 48 |
| SA1837F025025 | Ø 25 | 0.25 | 8 | 80 | SA1837F063025 | Ø 63 | 0.25 | 16 | 160 |
| SA1837F025030 | Ø 25 | 0.30 | 8 | 80 | SA1837F063030 | Ø 63 | 0.30 | 16 | 128 |
| SA1837F025040 | Ø 25 | 0.40 | 8 | 64 | SA1837F063040 | Ø 63 | 0.40 | 16 | 128 |
| SA1837F025050 | Ø 25 | 0.50 | 8 | 64 | SA1837F063050 | Ø 63 | 0.50 | 16 | 128 |
| SA1837F025060 | Ø 25 | 0.60 | 8 | 64 | SA1837F063060 | Ø 63 | 0.60 | 16 | 100 |
| SA1837F025070 | Ø 25 | 0.70 | 8 | 48 | SA1837F063070 | Ø 63 | 0.70 | 16 | 100 |
| SA1837F025080 | Ø 25 | 0.80 | 8 | 48 | SA1837F063080 | Ø 63 | 0.80 | 16 | 100 |
| SA1837F025090 | Ø 25 | 0.90 | 8 | 48 | SA1837F063090 | Ø 63 | 0.90 | 16 | 100 |
| SA1837F025100 | Ø 25 | 1.00 | 8 | 48 | SA1837F063100 | Ø 63 | 1.00 | 16 | 100 |
| SA1837F025120 | Ø 25 | 1.20 | 8 | 48 | SA1837F063120 | Ø 63 | 1.20 | 16 | 80 |
| SA1837F025150 | Ø 25 | 1.50 | 8 | 40 | SA1837F063150 | Ø 63 | 1.50 | 16 | 80 |
| SA1837F025160 | Ø 25 | 1.60 | 8 | 40 | SA1837F063160 | Ø 63 | 1.60 | 16 | 80 |
| SA1837F025200 | Ø 25 | 2.00 | 8 | 40 | SA1837F063200 | Ø 63 | 2.00 | 16 | 80 |
| SA1837F025250 | Ø 25 | 2.50 | 8 | 40 | SA1837F063250 | Ø 63 | 2.50 | 16 | 64 |
| SA1837F025300 | Ø 25 | 3.00 | 8 | 32 | SA1837F063300 | Ø 63 | 3.00 | 16 | 64 |
| SA1837F032015 | Ø 32 | 0.15 | 8 | 100 | SA1837F063250 | Ø 63 | 3.50 | 16 | 64 |
| SA1837F032020 | Ø 32 | 0.20 | 8 | 100 | SA1837F063400 | Ø 63 | 4.00 | 16 | 64 |
| SA1837F032025 | Ø 32 | 0.25 | 8 | 100 | SA1837F063500 | Ø 63 | 5.00 | 16 | 48 |
| SA1837F032030 | Ø 32 | 0.30 | 8 | 80 | SA1837F063600 | Ø 63 | 6.00 | 16 | 48 |
| SA1837F032040 | Ø 32 | 0.40 | 8 | 80 | SA1837F080030 | Ø 80 | 0.30 | 22 | 160 |
| SA1837F032050 | Ø 32 | 0.50 | 8 | 80 | SA1837F080040 | Ø 80 | 0.40 | 22 | 160 |
| SA1837F032060 | Ø 32 | 0.60 | 8 | 64 | SA1837F080050 | Ø 80 | 0.50 | 22 | 128 |
| SA1837F032070 | Ø 32 | 0.70 | 8 | 65 | SA1837F080060 | Ø 80 | 0.60 | 22 | 128 |
| SA1837F032080 | Ø 32 | 0.80 | 8 | 64 | SA1837F080070 | Ø 80 | 0.70 | 22 | 128 |
| SA1837F032090 | Ø 32 | 0.90 | 8 | 64 | SA1837F080080 | Ø 80 | 0.80 | 22 | 128 |
| SA1837F032100 | Ø 32 | 1.00 | 8 | 64 | SA1837F080090 | Ø 80 | 0.90 | 22 | 100 |
| SA1837F032120 | Ø 32 | 1.20 | 8 | 48 | SA1837F080100 | Ø 80 | 1.00 | 22 | 100 |
| SA1837F032150 | Ø 32 | 1.50 | 8 | 48 | SA1837F080120 | Ø 80 | 1.20 | 22 | 100 |
| SA1837F032160 | Ø 32 | 1.60 | 8 | 48 | SA1837F080150 | Ø 80 | 1.50 | 22 | 100 |
| SA1837F032200 | Ø 32 | 2.00 | 8 | 48 | SA1837F080160 | Ø 80 | 1.60 | 22 | 100 |
| SA1837F032250 | Ø 32 | 2.50 | 8 | 40 | SA1837F080200 | Ø 80 | 2.00 | 22 | 80 |
| SA1837F032300 | Ø 32 | 3.00 | 8 | 40 | SA1837F080250 | Ø 80 | 2.50 | 22 | 80 |
| SA1837F032400 | Ø 32 | 4.00 | 8 | 40 | SA1837F080300 | Ø 80 | 3.00 | 22 | 80 |
| SA1837F040020 | Ø 40 | 0.20 | 10 | 128 | SA1837F080250 | Ø 80 | 3.50 | 22 | 64 |
| SA1837F040025 | Ø 40 | 0.25 | 10 | 100 | SA1837F080400 | Ø 80 | 4.00 | 22 | 64 |
| SA1837F040030 | Ø 40 | 0.30 | 10 | 100 | SA1837F080500 | Ø 80 | 5.00 | 22 | 64 |
| SA1837F040040 | Ø 40 | 0.40 | 10 | 100 | SA1837F080600 | Ø 80 | 6.00 | 22 | 64 |
| SA1837F040050 | Ø 40 | 0.50 | 10 | 80 | SA1837F100040 | Ø 100 | 0.40 | 22 | 160 |
| SA1837F040060 | Ø 40 | 0.60 | 10 | 80 | SA1837F100050 | Ø 100 | 0.50 | 22 | 160 |
| SA1837F040070 | Ø 40 | 0.70 | 10 | 80 | SA1837F100060 | Ø 100 | 0.60 | 22 | 160 |
| SA1837F040080 | Ø 40 | 0.80 | 10 | 80 | SA1837F100070 | Ø 100 | 0.70 | 22 | 128 |
| SA1837F040090 | Ø 40 | 0.90 | 10 | 64 | SA1837F100080 | Ø 100 | 0.80 | 22 | 128 |
| SA1837F040100 | Ø 40 | 1.00 | 10 | 64 | SA1837F100090 | Ø 100 | 0.90 | 22 | 128 |
| SA1837F040120 | Ø 40 | 1.20 | 10 | 64 | SA1837F100100 | Ø 100 | 1.00 | 22 | 128 |
| SA1837F040150 | Ø 40 | 1.50 | 10 | 64 | SA1837F100120 | Ø 100 | 1.20 | 22 | 128 |
| SA1837F040160 | Ø 40 | 1.60 | 10 | 64 | SA1837F100150 | Ø 100 | 1.50 | 22 | 100 |
| SA1837F040200 | Ø 40 | 2.00 | 10 | 48 | SA1837F100160 | Ø 100 | 1.60 | 22 | 100 |
| SA1837F040250 | Ø 40 | 2.50 | 10 | 48 | SA1837F100200 | Ø 100 | 2.00 | 22 | 100 |

| Cod | D | g | d | z |
|---------------|-------|------|----|-----|
| SA1837F100250 | Ø 100 | 2.50 | 22 | 100 |
| SA1837F100300 | Ø 100 | 3.00 | 22 | 80 |
| SA1837F100350 | Ø 100 | 3.50 | 22 | 80 |
| SA1837F100400 | Ø 100 | 4.00 | 22 | 80 |
| SA1837F100500 | Ø 100 | 5.00 | 22 | 80 |
| SA1837F100600 | Ø 100 | 6.00 | 22 | 64 |
| SA1837F125050 | Ø 125 | 0.50 | 22 | 160 |
| SA1837F125060 | Ø 125 | 0.60 | 22 | 160 |
| SA1837F125070 | Ø 125 | 0.70 | 22 | 160 |
| SA1837F125080 | Ø 125 | 0.80 | 22 | 160 |
| SA1837F125090 | Ø 125 | 0.90 | 22 | 160 |
| SA1837F125100 | Ø 125 | 1.00 | 22 | 160 |
| SA1837F125120 | Ø 125 | 1.20 | 22 | 128 |
| SA1837F125150 | Ø 125 | 1.50 | 22 | 128 |
| SA1837F125160 | Ø 125 | 1.60 | 22 | 128 |
| SA1837F125200 | Ø 125 | 2.00 | 22 | 100 |
| SA1837F125250 | Ø 125 | 2.50 | 22 | 100 |
| SA1837F125300 | Ø 125 | 3.00 | 22 | 100 |
| SA1837F125320 | Ø 125 | 3.20 | 22 | 100 |
| SA1837F125350 | Ø 125 | 3.50 | 22 | 100 |
| SA1837F125400 | Ø 125 | 4.00 | 22 | 100 |
| SA1837F125500 | Ø 125 | 5.00 | 22 | 80 |
| SA1837F125600 | Ø 125 | 6.00 | 22 | 80 |
| SA1837F150100 | Ø 150 | 1.00 | 22 | 160 |
| SA1837F150120 | Ø 150 | 1.20 | 22 | 128 |
| SA1837F150150 | Ø 150 | 1.50 | 22 | 128 |
| SA1837F150160 | Ø 150 | 1.60 | 22 | 128 |
| SA1837F150200 | Ø 150 | 2.00 | 22 | 100 |
| SA1837F150250 | Ø 150 | 2.50 | 22 | 100 |
| SA1837F150300 | Ø 150 | 3.00 | 22 | 100 |
| SA1837F150350 | Ø 150 | 3.50 | 22 | 100 |
| SA1837F150400 | Ø 150 | 4.00 | 22 | 100 |
| SA1837F150450 | Ø 150 | 4.50 | 22 | 80 |
| SA1837F150500 | Ø 150 | 5.00 | 22 | 80 |
| SA1837F150600 | Ø 150 | 6.00 | 22 | 80 |
| SA1837F160100 | Ø 160 | 1.00 | 32 | 160 |
| SA1837F160120 | Ø 160 | 1.20 | 32 | 160 |
| SA1837F160150 | Ø 160 | 1.50 | 32 | 160 |
| SA1837F160160 | Ø 160 | 1.60 | 32 | 160 |
| SA1837F160200 | Ø 160 | 2.00 | 32 | 128 |
| SA1837F160250 | Ø 160 | 2.50 | 32 | 128 |
| SA1837F160300 | Ø 160 | 3.00 | 32 | 128 |
| SA1837F160350 | Ø 160 | 3.50 | 32 | 100 |
| SA1837F160400 | Ø 160 | 4.00 | 32 | 100 |
| SA1837F160450 | Ø 160 | 4.50 | 32 | 100 |
| SA1837F160500 | Ø 160 | 5.00 | 32 | 100 |
| SA1837F160600 | Ø 160 | 6.00 | 32 | 100 |
| SA1837F200100 | Ø 200 | 1.00 | 32 | 200 |
| SA1837F200120 | Ø 200 | 1.20 | 32 | 200 |

| Cod | D | g | d | z |
|---------------|-------|------|----|-----|
| SA1837F200150 | Ø 200 | 1.50 | 32 | 200 |
| SA1837F200160 | Ø 200 | 1.60 | 32 | 200 |
| SA1837F200180 | Ø 200 | 1.80 | 32 | 160 |
| SA1837F200200 | Ø 200 | 2.00 | 32 | 160 |
| SA1837F200250 | Ø 200 | 2.50 | 32 | 160 |
| SA1837F200300 | Ø 200 | 3.00 | 32 | 160 |
| SA1837F200250 | Ø 200 | 3.50 | 32 | 128 |
| SA1837F200400 | Ø 200 | 4.00 | 32 | 128 |
| SA1837F200450 | Ø 200 | 4.50 | 32 | 128 |
| SA1837F200500 | Ø 200 | 5.00 | 32 | 128 |
| SA1837F200550 | Ø 200 | 5.50 | 32 | 128 |
| SA1837F200600 | Ø 200 | 6.00 | 32 | 128 |
| SA1837F225150 | Ø 225 | 1.50 | 32 | 200 |
| SA1837F225160 | Ø 225 | 1.60 | 32 | 200 |
| SA1837F225180 | Ø 225 | 1.80 | 32 | 200 |
| SA1837F225200 | Ø 225 | 2.00 | 32 | 160 |
| SA1837F225250 | Ø 225 | 2.50 | 32 | 160 |
| SA1837F225300 | Ø 225 | 3.00 | 32 | 160 |
| SA1837F225350 | Ø 225 | 3.50 | 32 | 128 |
| SA1837F225400 | Ø 225 | 4.00 | 32 | 128 |
| SA1837F250150 | Ø 250 | 1.50 | 32 | 200 |
| SA1837F250160 | Ø 250 | 1.60 | 32 | 200 |
| SA1837F250200 | Ø 250 | 2.00 | 32 | 200 |
| SA1837F250250 | Ø 250 | 2.50 | 32 | 160 |
| SA1837F250300 | Ø 250 | 3.00 | 32 | 160 |
| SA1837F250350 | Ø 250 | 3.50 | 32 | 160 |
| SA1837F250400 | Ø 250 | 4.00 | 32 | 160 |
| SA1837F250450 | Ø 250 | 4.50 | 32 | 128 |
| SA1837F250500 | Ø 250 | 5.00 | 32 | 128 |
| SA1837F250550 | Ø 250 | 5.50 | 32 | 128 |
| SA1837F250600 | Ø 250 | 6.00 | 32 | 128 |
| SA1837F275175 | Ø 275 | 1.75 | 32 | 200 |
| SA1837F275200 | Ø 275 | 2.00 | 32 | 200 |
| SA1837F275250 | Ø 275 | 2.50 | 32 | 160 |
| SA1837F275300 | Ø 275 | 3.00 | 32 | 160 |
| SA1837F275350 | Ø 275 | 3.50 | 32 | 160 |
| SA1837F285200 | Ø 285 | 2.00 | 32 | 200 |
| SA1837F300200 | Ø 300 | 2.00 | 32 | 200 |
| SA1837F300250 | Ø 300 | 2.50 | 32 | 200 |
| SA1837F300300 | Ø 300 | 3.00 | 32 | 200 |
| SA1837F300350 | Ø 300 | 3.50 | 32 | 160 |
| SA1837F315200 | Ø 315 | 2.00 | 40 | 200 |
| SA1837F315250 | Ø 315 | 2.50 | 40 | 200 |
| SA1837F315300 | Ø 315 | 3.00 | 40 | 200 |
| SA1837F315400 | Ø 315 | 4.00 | 40 | 160 |
| SA1837F315450 | Ø 315 | 4.50 | 40 | 160 |
| SA1837F315500 | Ø 315 | 5.00 | 40 | 160 |
| SA1837F315600 | Ø 315 | 6.00 | 40 | 160 |

SA1838F

Freză disc DIN 1837/1838
STAS 1159/G - HSS



D = diametrul (mm); g = grosimea (mm);
d = diametrul interior (mm); z = nr. de dinți

| Cod | D | g | d | z |
|---------------|------|------|---|----|
| SA1838F020015 | Ø 20 | 0.15 | 5 | 40 |
| SA1838F020020 | Ø 20 | 0.20 | 5 | 40 |
| SA1838F020025 | Ø 20 | 0.25 | 5 | 32 |
| SA1838F020030 | Ø 20 | 0.30 | 5 | 32 |
| SA1838F020040 | Ø 20 | 0.40 | 5 | 32 |
| SA1838F020050 | Ø 20 | 0.50 | 5 | 24 |
| SA1838F020060 | Ø 20 | 0.60 | 5 | 24 |
| SA1838F020070 | Ø 20 | 0.70 | 5 | 24 |
| SA1838F020080 | Ø 20 | 0.80 | 5 | 24 |
| SA1838F020090 | Ø 20 | 0.90 | 5 | 20 |
| SA1838F020100 | Ø 20 | 1.00 | 5 | 20 |
| SA1838F020120 | Ø 20 | 1.20 | 5 | 20 |
| SA1838F020150 | Ø 20 | 1.50 | 5 | 20 |
| SA1838F020160 | Ø 20 | 1.60 | 5 | 20 |
| SA1838F020200 | Ø 20 | 2.00 | 5 | 16 |
| SA1838F020250 | Ø 20 | 2.50 | 5 | 16 |
| SA1838F020300 | Ø 20 | 3.00 | 5 | 16 |
| SA1838F025015 | Ø 25 | 0.15 | 8 | 40 |
| SA1838F025020 | Ø 25 | 0.20 | 8 | 40 |
| SA1838F025025 | Ø 25 | 0.25 | 8 | 40 |
| SA1838F025030 | Ø 25 | 0.30 | 8 | 40 |
| SA1838F025040 | Ø 25 | 0.40 | 8 | 32 |
| SA1838F025050 | Ø 25 | 0.50 | 8 | 32 |

| Cod | D | g | d | z |
|---------------|------|------|---|------|
| SA1838F025060 | Ø 25 | 0.60 | 8 | 32 |
| SA1838F025070 | Ø 25 | 0.70 | 8 | 24 |
| SA1838F025080 | Ø 25 | 0.80 | 8 | 24 |
| SA1838F025090 | Ø 25 | 0.90 | 8 | 24 |
| SA1838F025100 | Ø 25 | 1.00 | 8 | 24 |
| SA1838F025120 | Ø 25 | 1.20 | 8 | 24 |
| SA1838F025150 | Ø 25 | 1.50 | 8 | 20 |
| SA1838F025160 | Ø 25 | 1.60 | 8 | 20 |
| SA1838F025200 | Ø 25 | 2.00 | 8 | 20 |
| SA1838F025250 | Ø 25 | 2.50 | 8 | 20 |
| SA1838F025300 | Ø 25 | 3.00 | 8 | 16 |
| SA1838F032015 | Ø 32 | 0.15 | 8 | 50 |
| SA1838F032020 | Ø 32 | 0.20 | 8 | 50 |
| SA1838F032025 | Ø 32 | 0.25 | 8 | 50 |
| SA1838F032030 | Ø 32 | 0.30 | 8 | 40 |
| SA1838F032040 | Ø 32 | 0.40 | 8 | 40 |
| SA1838F032050 | Ø 32 | 0.50 | 8 | 40 |
| SA1838F032060 | Ø 32 | 0.60 | 8 | 32 |
| SA1838F032070 | Ø 32 | 0.70 | 8 | 32.5 |
| SA1838F032080 | Ø 32 | 0.80 | 8 | 32 |
| SA1838F032090 | Ø 32 | 0.90 | 8 | 32 |
| SA1838F032100 | Ø 32 | 1.00 | 8 | 32 |
| SA1838F032120 | Ø 32 | 1.20 | 8 | 24 |

| Cod | D | g | d | z | Cod | D | g | d | z |
|---------------|-------|------|----|----|---------------|-------|------|----|-----|
| SA1838F032150 | Ø 32 | 1.50 | 8 | 24 | SA1838F100250 | Ø 100 | 2.50 | 22 | 48 |
| SA1838F032160 | Ø 32 | 1.60 | 8 | 24 | SA1838F100300 | Ø 100 | 3.00 | 22 | 40 |
| SA1838F032200 | Ø 32 | 2.00 | 8 | 24 | SA1838F100350 | Ø 100 | 3.50 | 22 | 40 |
| SA1838F032250 | Ø 32 | 2.50 | 8 | 20 | SA1838F100400 | Ø 100 | 4.00 | 22 | 40 |
| SA1838F032300 | Ø 32 | 3.00 | 8 | 20 | SA1838F100500 | Ø 100 | 5.00 | 22 | 40 |
| SA1838F032400 | Ø 32 | 4.00 | 8 | 20 | SA1838F100600 | Ø 100 | 6.00 | 22 | 32 |
| SA1838F040020 | Ø 40 | 0.20 | 10 | 64 | SA1838F125050 | Ø 125 | 0.50 | 22 | 80 |
| SA1838F040025 | Ø 40 | 0.25 | 10 | 50 | SA1838F125060 | Ø 125 | 0.60 | 22 | 80 |
| SA1838F040030 | Ø 40 | 0.30 | 10 | 50 | SA1838F125070 | Ø 125 | 0.70 | 22 | 80 |
| SA1838F040040 | Ø 40 | 0.40 | 10 | 50 | SA1838F125080 | Ø 125 | 0.80 | 22 | 80 |
| SA1838F040050 | Ø 40 | 0.50 | 10 | 40 | SA1838F125090 | Ø 125 | 0.90 | 22 | 80 |
| SA1838F040060 | Ø 40 | 0.60 | 10 | 40 | SA1838F125100 | Ø 125 | 1.00 | 22 | 80 |
| SA1838F040070 | Ø 40 | 0.70 | 10 | 40 | SA1838F125120 | Ø 125 | 1.20 | 22 | 80 |
| SA1838F040080 | Ø 40 | 0.80 | 10 | 40 | SA1838F125150 | Ø 125 | 1.50 | 22 | 64 |
| SA1838F040090 | Ø 40 | 0.90 | 10 | 32 | SA1838F125160 | Ø 125 | 1.60 | 22 | 64 |
| SA1838F040100 | Ø 40 | 1.00 | 10 | 32 | SA1838F125200 | Ø 125 | 2.00 | 22 | 64 |
| SA1838F040120 | Ø 40 | 1.20 | 10 | 32 | SA1838F125250 | Ø 125 | 2.50 | 22 | 64 |
| SA1838F040150 | Ø 40 | 1.50 | 10 | 32 | SA1838F125300 | Ø 125 | 3.00 | 22 | 48 |
| SA1838F040160 | Ø 40 | 1.60 | 10 | 32 | SA1838F125320 | Ø 125 | 3.20 | 22 | 48 |
| SA1838F040200 | Ø 40 | 2.00 | 10 | 24 | SA1838F125350 | Ø 125 | 3.50 | 22 | 48 |
| SA1838F040250 | Ø 40 | 2.50 | 10 | 24 | SA1838F125400 | Ø 125 | 4.00 | 22 | 48 |
| SA1838F040300 | Ø 40 | 3.00 | 10 | 24 | SA1838F125500 | Ø 125 | 5.00 | 22 | 40 |
| SA1838F050020 | Ø 50 | 0.20 | 13 | 64 | SA1838F125600 | Ø 125 | 6.00 | 22 | 40 |
| SA1838F050025 | Ø 50 | 0.25 | 13 | 64 | SA1838F150100 | Ø 150 | 1.00 | 22 | 80 |
| SA1838F050030 | Ø 50 | 0.30 | 13 | 64 | SA1838F150120 | Ø 150 | 1.20 | 22 | 64 |
| SA1838F050040 | Ø 50 | 0.40 | 13 | 48 | SA1838F150150 | Ø 150 | 1.50 | 22 | 64 |
| SA1838F050050 | Ø 50 | 0.50 | 13 | 48 | SA1838F150160 | Ø 150 | 1.60 | 22 | 64 |
| SA1838F050060 | Ø 50 | 0.60 | 13 | 48 | SA1838F150200 | Ø 150 | 2.00 | 22 | 48 |
| SA1838F050070 | Ø 50 | 0.70 | 13 | 40 | SA1838F150250 | Ø 150 | 2.50 | 22 | 48 |
| SA1838F050080 | Ø 50 | 0.80 | 13 | 40 | SA1838F150300 | Ø 150 | 3.00 | 22 | 48 |
| SA1838F050090 | Ø 50 | 0.90 | 13 | 40 | SA1838F150350 | Ø 150 | 3.50 | 22 | 48 |
| SA1838F050100 | Ø 50 | 1.00 | 13 | 40 | SA1838F150400 | Ø 150 | 4.00 | 22 | 48 |
| SA1838F050120 | Ø 50 | 1.20 | 13 | 40 | SA1838F150450 | Ø 150 | 4.50 | 22 | 40 |
| SA1838F050150 | Ø 50 | 1.50 | 13 | 32 | SA1838F150500 | Ø 150 | 5.00 | 22 | 40 |
| SA1838F050160 | Ø 50 | 1.60 | 13 | 32 | SA1838F150600 | Ø 150 | 6.00 | 22 | 40 |
| SA1838F050200 | Ø 50 | 2.00 | 13 | 32 | SA1838F160100 | Ø 160 | 1.00 | 32 | 80 |
| SA1838F050250 | Ø 50 | 2.50 | 13 | 32 | SA1838F160120 | Ø 160 | 1.20 | 32 | 100 |
| SA1838F050300 | Ø 50 | 3.00 | 13 | 24 | SA1838F160150 | Ø 160 | 1.50 | 32 | 80 |
| SA1838F050400 | Ø 50 | 4.00 | 13 | 24 | SA1838F160160 | Ø 160 | 1.60 | 32 | 80 |
| SA1838F050500 | Ø 50 | 5.00 | 13 | 24 | SA1838F160200 | Ø 160 | 2.00 | 32 | 64 |
| SA1838F063025 | Ø 63 | 0.25 | 16 | 80 | SA1838F160250 | Ø 160 | 2.50 | 32 | 64 |
| SA1838F063030 | Ø 63 | 0.30 | 16 | 64 | SA1838F160300 | Ø 160 | 3.00 | 32 | 64 |
| SA1838F063040 | Ø 63 | 0.40 | 16 | 64 | SA1838F160350 | Ø 160 | 3.50 | 32 | 48 |
| SA1838F063050 | Ø 63 | 0.50 | 16 | 64 | SA1838F160400 | Ø 160 | 4.00 | 32 | 48 |
| SA1838F063060 | Ø 63 | 0.60 | 16 | 48 | SA1838F160450 | Ø 160 | 4.50 | 32 | 48 |
| SA1838F063070 | Ø 63 | 0.70 | 16 | 48 | SA1838F160500 | Ø 160 | 5.00 | 32 | 48 |
| SA1838F063080 | Ø 63 | 0.80 | 16 | 48 | SA1838F160600 | Ø 160 | 6.00 | 32 | 48 |
| SA1838F063090 | Ø 63 | 0.90 | 16 | 48 | SA1838F200100 | Ø 200 | 1.00 | 32 | 100 |
| SA1838F063100 | Ø 63 | 1.00 | 16 | 48 | SA1838F200120 | Ø 200 | 1.20 | 32 | 100 |
| SA1838F063120 | Ø 63 | 1.20 | 16 | 40 | SA1838F200150 | Ø 200 | 1.50 | 32 | 100 |
| SA1838F063150 | Ø 63 | 1.50 | 16 | 40 | SA1838F200160 | Ø 200 | 1.60 | 32 | 80 |
| SA1838F063160 | Ø 63 | 1.60 | 16 | 40 | SA1838F200180 | Ø 200 | 1.80 | 32 | 80 |
| SA1838F063200 | Ø 63 | 2.00 | 16 | 40 | SA1838F200200 | Ø 200 | 2.00 | 32 | 80 |
| SA1838F063250 | Ø 63 | 2.50 | 16 | 32 | SA1838F200250 | Ø 200 | 2.50 | 32 | 80 |
| SA1838F063300 | Ø 63 | 3.00 | 16 | 32 | SA1838F200300 | Ø 200 | 3.00 | 32 | 64 |
| SA1838F063250 | Ø 63 | 3.50 | 16 | 32 | SA1838F200350 | Ø 200 | 3.50 | 32 | 64 |
| SA1838F063400 | Ø 63 | 4.00 | 16 | 32 | SA1838F200400 | Ø 200 | 4.00 | 32 | 64 |
| SA1838F063500 | Ø 63 | 5.00 | 16 | 24 | SA1838F200450 | Ø 200 | 4.50 | 32 | 64 |
| SA1838F063600 | Ø 63 | 6.00 | 16 | 24 | SA1838F200500 | Ø 200 | 5.00 | 32 | 64 |
| SA1838F080030 | Ø 80 | 0.30 | 22 | 80 | SA1838F200550 | Ø 200 | 5.50 | 32 | 64 |
| SA1838F080040 | Ø 80 | 0.40 | 22 | 80 | SA1838F200600 | Ø 200 | 6.00 | 32 | 48 |
| SA1838F080050 | Ø 80 | 0.50 | 22 | 64 | SA1838F225150 | Ø 225 | 1.50 | 32 | 100 |
| SA1838F080060 | Ø 80 | 0.60 | 22 | 64 | SA1838F225160 | Ø 225 | 1.60 | 32 | 100 |
| SA1838F080070 | Ø 80 | 0.70 | 22 | 64 | SA1838F225180 | Ø 225 | 1.80 | 32 | 100 |
| SA1838F080080 | Ø 80 | 0.80 | 22 | 64 | SA1838F225200 | Ø 225 | 2.00 | 32 | 80 |
| SA1838F080090 | Ø 80 | 0.90 | 22 | 48 | SA1838F225250 | Ø 225 | 2.50 | 32 | 80 |
| SA1838F080100 | Ø 80 | 1.00 | 22 | 48 | SA1838F225300 | Ø 225 | 3.00 | 32 | 80 |
| SA1838F080120 | Ø 80 | 1.20 | 22 | 48 | SA1838F225350 | Ø 225 | 3.50 | 32 | 64 |
| SA1838F080150 | Ø 80 | 1.50 | 22 | 48 | SA1838F225400 | Ø 225 | 4.00 | 32 | 64 |
| SA1838F080160 | Ø 80 | 1.60 | 22 | 48 | SA1838F250150 | Ø 250 | 1.50 | 32 | 100 |
| SA1838F080200 | Ø 80 | 2.00 | 22 | 40 | SA1838F250160 | Ø 250 | 1.60 | 32 | 100 |
| SA1838F080250 | Ø 80 | 2.50 | 22 | 40 | SA1838F250200 | Ø 250 | 2.00 | 32 | 100 |
| SA1838F080300 | Ø 80 | 3.00 | 22 | 40 | SA1838F250250 | Ø 250 | 2.50 | 32 | 80 |
| SA1838F080350 | Ø 80 | 3.50 | 22 | 32 | SA1838F250300 | Ø 250 | 3.00 | 32 | 80 |
| SA1838F080400 | Ø 80 | 4.00 | 22 | 32 | SA1838F250350 | Ø 250 | 3.50 | 32 | 80 |
| SA1838F080500 | Ø 80 | 5.00 | 22 | 32 | SA1838F250400 | Ø 250 | 4.00 | 32 | 80 |
| SA1838F080600 | Ø 80 | 6.00 | 22 | 32 | SA1838F250450 | Ø 250 | 4.50 | 32 | 64 |
| SA1838F100040 | Ø 100 | 0.40 | 22 | 80 | SA1838F250500 | Ø 250 | 5.00 | 32 | 64 |
| SA1838F100050 | Ø 100 | 0.50 | 22 | 80 | SA1838F250550 | Ø 250 | 5.50 | 32 | 64 |
| SA1838F100060 | Ø 100 | 0.60 | 22 | 80 | SA1838F250600 | Ø 250 | 6.00 | 32 | 64 |
| SA1838F100070 | Ø 100 | 0.70 | 22 | 64 | SA1838F275175 | Ø 275 | 1.75 | 32 | 100 |
| SA1838F100080 | Ø 100 | 0.80 | 22 | 64 | SA1838F275200 | Ø 275 | 2.00 | 32 | 100 |
| SA1838F100090 | Ø 100 | 0.90 | 22 | 64 | SA1838F275250 | Ø 275 | 2.50 | 32 | 80 |
| SA1838F100100 | Ø 100 | 1.00 | 22 | 64 | SA1838F275300 | Ø 275 | 3.00 | 32 | 80 |
| SA1838F100120 | Ø 100 | 1.20 | 22 | 64 | SA1838F275350 | Ø 275 | 3.50 | 32 | 80 |
| SA1838F100150 | Ø 100 | 1.50 | 22 | 48 | SA1838F285200 | Ø 285 | 2.00 | 32 | 100 |
| SA1838F100160 | Ø 100 | 1.60 | 22 | 48 | SA1838F300200 | Ø 300 | 2.00 | 32 | 100 |
| SA1838F100200 | Ø 100 | 2.00 | 22 | 48 | SA1838F300250 | Ø 300 | 2.50 | 32 | 100 |