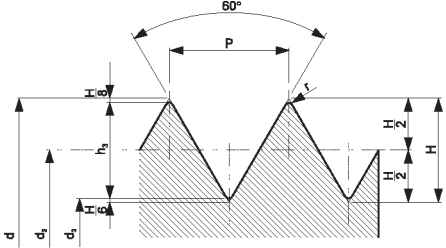
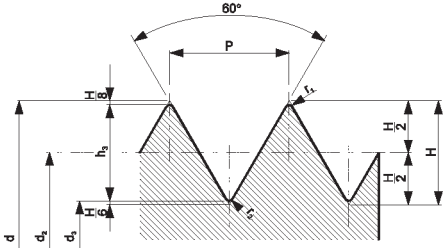
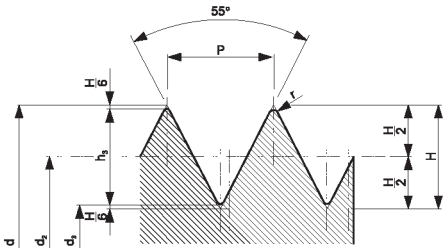


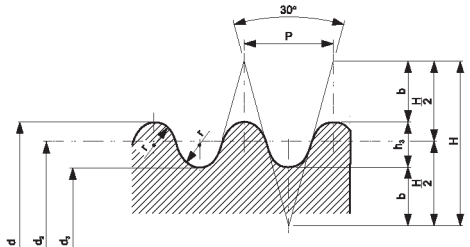
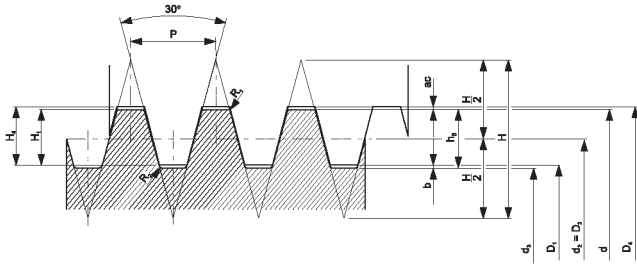
SORTIMENT VÁLCOVACÍCH KOTOUČŮ – ASSORTMENT OF THE ROLLING DISKS – SURTIDO DE LOS DISCOS DE LAMINACIÓN

Typ – Type – Tipo		Závity – Threads – Roscas				
Univerzální Universal Universal	Pevný Solid Sólido	M		UNC, UNF W, BSW, BSF G, Rd, Tr		
		Zhv 3–5	M3 x 0,5 M3,5 x 0,6 M4 x 0,7 M4,5 x 0,75 M5 x 0,8	M3 x 0,35 M3,5 x 0,35 M4 x 0,5 M4,5 x 0,5 M5 x 0,5	1/8 x 40 BSW 5/32 x 32 BSW 3/16 x 24 BSW Nr. 6–8 x 32 UNC Nr. 5 x 44 UNF	Nr. 6 x 40 UNF
			Zhv 6–10	M6–7 x 1 M8–9 x 1,25 M10 x 1,5 M6–8 x 0,5 M6–8 x 0,75	M8–10 x 0,5 M8–10 x 0,75 M8–10 x 1 M10 x 1,25	5/16 x 18 BSW 3/8 x 16 BSW 5/16 x 18 UNC 3/8 x 16 UNC
Zhv 8–16	M8–9 x 1,25 M12 x 1,75 M14–16 x 2 M14–16 x 1,5 M14–16 x 1,25 M14–16 x 1 M14–16 x 0,75 M8–10 x 0,5	M8–10 x 0,75 N8–10 x 1 M10–12 x 1,25 M10–12 x 1,5 M11–13 x 0,5 M11–13 x 0,75 M11–13 x 1 M14–16 x 0,5		5/16 x 18 BSW 3/8 x 16 BSW 7/16 x 14 BSW 1/2–9/16 x 12 BSW 5/8 x 11 BSW 5/16 x 18 UNC 3/8 x 16 UNC 7/16 x 14 UNC 1/2 x 13 UNC G1/8 x 28 G1/4 x 19	5/16 x 22 BSF 3/8 x 20 BSF 7/16 x 18 BSW 1/2–9/16 x 16 BSF 5/8 x 14 BSF 9/16 x 12 UNC 5/8 x 11 UNF 5/16–3/8 x 24 UNF 7/16–1/2 x 20 UNF G3/8 x 19 G1/2 x 14	
	Zhvu 12–20	Zhv 12–20	M12 x 1,75 M14–16 x 2 M18–20 x 2 M18–20 x 2,5	M12–16 x 1,5 M12–14 x 1,25 M12–16 x 1 M16–20 x 1	7/16 x 14 BSW 1/2–9/16 x 12 BSW 5/8 x 11 BSW 3/4 x 10 BSW 7/16 x 14 UNC 1/2 x 13 UNC 9/16 x 12 UNC 7/16–1/2 x 20 UNF G1/4–3/8 x 19 Rd18–20 x 8	7/16 x 18 BSF 1/2–9/16 x 16 BSF 5/8 x 14 BSF 3/4 x 12 BSF 5/8 x 11 UNC 3/4 x 10 UNC 9/16–5/8 x 18 UNF G1/2 x 14
M12–16 x 0,5 M16–20 x 0,5 M12–16 x 0,5 M16–20 x 0,75			Tr12–16 x 3 Tr14–16 x 4 Tr18–20 x 4			

Typ – Type – Tipo		Závity – Threads – Roscas			
Zhvu 20–30	Zhv 20–30	M18–22 x 1,5 M22–26 x 1,5 M16–20 x 1,5 M18–22 x 2 M22–26 x 2 M14–16 x 1,5 M14–16 x 2	M26–30 x 2 M18–22 x 2,5 M24–27 x 3 M30 x 3 M30 x 3,5	9/16 x 12 BSW 5/8–11/16 x 11 BSW 3/4–13/16 x 10 BSW 7/8–15/16 x 9 BSW 1 x 8 BSW 1 1/8 x 7 BSW	5/8–11/16 x 14 BSF 3/4–13/16 x 12 BSF 7/8–15/16 x 11 BSF 1 x 10 BSF 1 1/8 x 9 BSF
				9/16 x 12 UNC 5/8 x 11 UNC 3/4 x 10 UNC 9/16–5/8 x 18 UNF 3/4 x 16 UNF	7/8 x 9 UNC 1 x 8 UNC 1 1/8 x 7 UNC 7/8 x 14 UNF 1 x 12 UNF
		M14–18 x 0,5 M18–22 x 0,5 M14–18 x 0,75 M18–22 x 0,75 M22–26 x 0,75 M26–30 x 0,75	M14–18 x 1 M18–22 x 1 M22–26 x 1 M26–30 x 1	Tr18–20 x 4 Tr22–24 x 5 Tr26–28 x 5 Tr20–24 x 3 Tr26–30 x 3 Tr18 x 6	Tr22–24 x 4 Tr26–28 x 4 Tr16–20 x 3
Zhvu 30–60	Zhv 30–60 (1° 40')	M30–36 x 3 M39–45 x 3 M48–52 x 3 M55–60 x 3 M30–33 x 3,5 M36–39 x 4 M42–45 x 4	M48–52 x 4 M55–60 x 4 M42–45 x 4,5 M48–52 x 5 M56–60 x 5,5 M40 x 5	1 1/8–11/4 x 7 BSW 1 3/8–1 1/2 x 6 BSW 1 5/8–1 3/4 x 5 BSW 1 7/8–2 x 4,5 BSW 2 1/4–2 1/2 x 4 BSW	1 1/8–11/4 x 9 BSF 1 3/8–1 1/2 x 8 BSF 1 5/8–1 3/4 x 7 BSF 1 7/8–2 x 7 BSF 2 1/4–2 1/2 x 6 BSF
				1 1/4 x 7 UNC 1 3/8–1 1/2 x 6 UNC 1 3/4 x 5 UNC 2 x 4 1/2 UNC	1 1/4–1 3/8 x 12 UNF 1 3/8–1 1/2 x 12 UNF
				Rd30 x 8 Rd32–34 x 8 Rd36–38 x 8 Rd40–42 x 6 Rd42–44 x 6	Rd46–48 x 6 Rd50–52 x 6 Rd52–55 x 6 Rd55–58 x 6 Rd58–60 x 6
	Zhv 30–60 (0° 45')	M30–33 x 0,75 M30–36 x 1,5 M39–45 x 1,5 M48–52 x 1,5 M55–60 x 1,5	M30–36 x 2 M39–45 x 2 M48–52 x 2 M55–60 x 2	1 1/4–1 3/8 x 16, x 12 UNC, BSF 1 3/8–1 1/2 x 16, x 12 UNC, BSF 1 1/2–1 5/8 x 16, x 12 UNC, BSF 1 5/8–1 3/4 x 16, x 12 UNC, BSF 1 3/4–1 7/8 x 16, x 12 UNC, BSF 1 7/8–2 x 16, x 12 UNC, BSF 2–2 1/8 x 16, x 12 UNC, BSF 2 1/8–2 3/16 x 16, x 12 UNC, BSF 2 3/16–2 1/4 x 16, x 12 UNC, BSF	
				G7/8 x 14 G1–1 1/8 x 11 G1 1/4–1 1/2 x 11 G1 5/8–1 3/4 x 11 G2 x 11	
				Tr30–32 x 6 Tr34–36 x 6 Tr38–40 x 7 Tr42–44 x 7 Tr46–48 x 8 Tr50–52 x 8 Tr55 x 9 Tr58–60 x 9 Tr30–34 x 3 Tr36–40 x 3 Tr42–46 x 3	Tr48–52 x 3 Tr55–60 x 3 Tr33–36 x 4 Tr30–34 x 5 Tr46–50 x 5 Tr55 x 7 Tr30–33 x 4 Tr33–36 x 4 Tr40–45 x 5 Tr50–55 x 5

TABULKA ZÁVITOVÝCH PROFILŮ – TABLE OF THREAD PROFILES – TABLA DE LOS PERFILES DE ROSCAS

<p>Metrický závit - ISO Metric thread ISO Rosca métrica ISO</p>	<p>M</p> <p>$H = 0,86603P$</p> <p>$h_3 = 0,61343P$</p> <p>$d_2 = d - (0,6495P)$</p> <p>$d_3 = d - (2h_3)$</p> <p>$r = \frac{H}{6} = 0,14434P$</p>	<p>ČSN 014013, DIN 13, BS 1157:1975</p> 
<p>Palcový závit ISO Inch thread ISO Rosca en pulgadas ISO</p>	<p>UNC, UNF</p> <p>$H = 0,86603P$</p> <p>$h_3 = 0,61343P$</p> <p>$d_2 = d - (0,6495P)$</p> <p>$d_3 = d - (2h_3)$</p> <p>$r_1 = 0,10825P$</p> <p>$r_2 = 0,13733P$</p>	<p>ANSI B 1.1, BS 1580:1962</p> 
<p>Whitworthův závit Whitworth's thread Rosca tipo Whitworth</p> <p>Trubkový závit Pipe thread Rosca tubular</p>	<p>W, BSW, BSF</p> <p>$H = 0,96049P$</p> <p>$h_3 = 0,64033P$</p> <p>$d_2 = d - h_3$</p> <p>$d_3 = d - (2h_3)$</p> <p>$r = 0,13733P$</p> <p>G</p>	<p>ČSN 014030, DIN 11, BS 84:1956</p>  <p>ČSN 014033, DIN - ISO 228, BS 2779:1986</p>

<p>Oblý závit Round thread Rosca redonda</p>	<p>Rd</p> <p>$H = 1,86603P$</p> <p>$h_3 = 0,5P$</p> <p>$d_2 = d - h_3$</p> <p>$d_3 = d - (2h_3)$</p> <p>$r = 0,23851P$</p> <p>$b = 0,68301P$</p>	<p>ČSN 014037, DIN 405</p> 																																																																																								
<p>Lichoběžníkový závit rovnoramenný Trapezoidal isosceles thread Rosca trapezoidal isósceles</p>	<p>Tr</p> <p>$H = 1,866P$</p> <p>$H_1 = 0,5P$</p> <p>$H_4 = 0,5P + ac$</p> <p>$h_3 = 0,5P + b$</p> <p>$z = 0,25P$</p> <p>$D_4 = d + 2ac$</p> <p>$d_3 = d - (2h_3)$</p> <p>$d_2 = D_2 = d - 2z$</p>	<p>ČSN 014050, DIN 103</p> 																																																																																								
<table border="1"> <thead> <tr> <th>P [mm]</th> <th>h₃ [mm]</th> <th>H₄ [mm]</th> <th>z [mm]</th> <th>ac [mm]</th> <th>b [mm]</th> <th>R₂ [mm]</th> <th>R₁ [mm]</th> </tr> </thead> <tbody> <tr> <td>1,5</td> <td>0,965</td> <td>0,90</td> <td>0,419</td> <td>0,15</td> <td>0,25</td> <td>0,25</td> <td>0,25</td> </tr> <tr> <td>2</td> <td>1,320</td> <td>1,25</td> <td>0,546</td> <td>0,25</td> <td>0,25</td> <td>0,25</td> <td>0,25</td> </tr> <tr> <td>3</td> <td>1,877</td> <td>1,75</td> <td>0,849</td> <td>0,25</td> <td>0,40</td> <td>0,40</td> <td>0,25</td> </tr> <tr> <td>3</td> <td>1,840</td> <td>1,75</td> <td>(>Ø44) 0,807</td> <td>0,25</td> <td>0,40</td> <td>0,40</td> <td>0,25</td> </tr> <tr> <td>4</td> <td>2,397</td> <td>2,25</td> <td>1,114</td> <td>0,25</td> <td>0,50</td> <td>0,55</td> <td>0,25</td> </tr> <tr> <td>4</td> <td>2,350</td> <td>2,25</td> <td>(>Ø95) 1,060</td> <td>0,25</td> <td>0,50</td> <td>0,55</td> <td>0,25</td> </tr> <tr> <td>5</td> <td>2,908</td> <td>2,75</td> <td>1,373</td> <td>0,25</td> <td>0,50</td> <td>0,55</td> <td>0,25</td> </tr> <tr> <td>6</td> <td>3,685</td> <td>3,50</td> <td>1,643</td> <td>0,50</td> <td>0,75</td> <td>0,90</td> <td>0,25</td> </tr> <tr> <td>7</td> <td>4,196</td> <td>4,00</td> <td>1,901</td> <td>0,50</td> <td>0,75</td> <td>0,90</td> <td>0,25</td> </tr> <tr> <td>8</td> <td>4,705</td> <td>4,50</td> <td>2,160</td> <td>0,50</td> <td>0,75</td> <td>0,90</td> <td>0,25</td> </tr> </tbody> </table>			P [mm]	h ₃ [mm]	H ₄ [mm]	z [mm]	ac [mm]	b [mm]	R ₂ [mm]	R ₁ [mm]	1,5	0,965	0,90	0,419	0,15	0,25	0,25	0,25	2	1,320	1,25	0,546	0,25	0,25	0,25	0,25	3	1,877	1,75	0,849	0,25	0,40	0,40	0,25	3	1,840	1,75	(>Ø44) 0,807	0,25	0,40	0,40	0,25	4	2,397	2,25	1,114	0,25	0,50	0,55	0,25	4	2,350	2,25	(>Ø95) 1,060	0,25	0,50	0,55	0,25	5	2,908	2,75	1,373	0,25	0,50	0,55	0,25	6	3,685	3,50	1,643	0,50	0,75	0,90	0,25	7	4,196	4,00	1,901	0,50	0,75	0,90	0,25	8	4,705	4,50	2,160	0,50	0,75	0,90	0,25
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