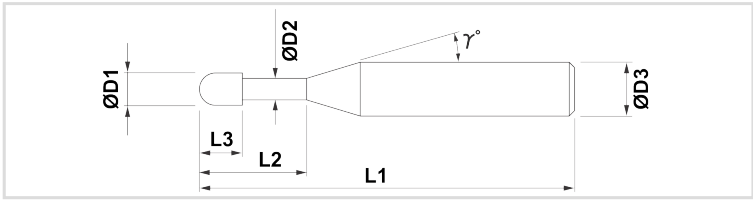
Fresa Esférica 2 Navalhas - MRB230

Categorias

- Esféricas
- Esféricas

NS TOOL







Ref.	Descrição	D1	D2	D3	L1	L2	L3	Ângulo	Raio canto	Z
020780052020051	Ø0.1x0.3x45-S04	0.1	0.085	4	45	0.3	0.07	12°	R0.05	2
020780052020052	Ø0.1x0.5x45-S04	0.1	0.085	4	45	0.5	0.07	12°	R0.05	2
020780052040075	Ø0.15x0.3x45-S04	0.15	0.13	4	45	0.3	0.1	12°	R0.075	2
020780052040076	Ø0.15x0.5x45-S04	0.15	0.13	4	45	0.5	0.1	12°	R0.075	2
020780052040077	Ø0.15x1x45-S04	0.15	0.13	4	45	1	0.1	12°	R0.075	2
020780052000101	Ø0.2x0.5x45-S04	0.2	0.18	4	45	0.5	0.15	12°	R0.1	2
020780052100101	Ø0.2x0.5x50-S06	0.2	0.18	6	50	0.5	0.15	12°	R0.1	2
020780052010101	Ø0.2x0.75x45-S04	0.2	0.18	4	45	0.75	0.15	12°	R0.1	2
020780052000102	Ø0.2x1x45-S04	0.2	0.18	4	45	1	0.15	12°	R0.1	2
020780052100102	Ø0.2x1x50-S06	0.2	0.18	6	50	1	0.15	12°	R0.1	2
020780052010102	Ø0.2x1.25x45-S04	0.2	0.18	4	45	1.25	0.15	12°	R0.1	2
020780052000103	Ø0.2x1.5x45-S04	0.2	0.18	4	45	1.5	0.15	12°	R0.1	2
020780052100103	Ø0.2x1.5x50-S06	0.2	0.18	6	50	1.5	0.15	12°	R0.1	2
020780052010103	Ø0.2x1.75x45-S04	0.2	0.18	4	45	1.75	0.15	12°	R0.1	2
020780052000104	Ø0.2x2x45-S04	0.2	0.18	4	45	2	0.15	12°	R0.1	2
020780052100104	Ø0.2x2x50-S06	0.2	0.18	6	50	2	0.15	12°	R0.1	2
020780052000105	Ø0.2x2.5x45-S04	0.2	0.18	4	45	2.5	0.15	12°	R0.1	2
020780052000106	Ø0.2x3x45-S04	0.2	0.18	4	45	3	0.15	12°	R0.1	2
020780052040151	Ø0.3x0.5x45-S04	0.3	0.28	4	45	0.5	0.2	12°	R0.15	2
020780052010151	Ø0.3x0.6x45-S04	0.3	0.28	4	45	0.6	0.2	12°	R0.15	2
020780052040152	Ø0.3x0.75x45-S04	0.3	0.28	4	45	0.75	0.2	12°	R0.15	2
020780052000151	Ø0.3x1x45-S04	0.3	0.28	4	45	1	0.2	12°	R0.15	2
020780052100151	Ø0.3x1x50-S06	0.3	0.28	6	50	1	0.2	12°	R0.15	2
020780052030153	Ø0.3x1.25x45-S04	0.3	0.28	4	45	1.25	0.2	12°	R0.15	2
020780052010152	Ø0.3x1.5x45-S04	0.3	0.28	4	45	1.5	0.2	12°	R0.15	2

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Ref.	Descrição	D1	D2	D3	L1	L2	L3	Ângulo	Raio canto	Z
020780052100152	Ø0.3x1.5x50-S06	0.3	0.28	6	50	1.5	0.2	12°	R0.15	2
020780052030154	Ø0.3x1.75x45-S04	0.3	0.28	4	45	1.75	0.2	12°	R0.15	2
020780052000152	Ø0.3x2x45-S04	0.3	0.28	4	45	2	0.2	12°	R0.15	2
020780052100153	Ø0.3x2x50-S06	0.3	0.28	6	50	2	0.2	12°	R0.15	2
020780052030155	Ø0.3x2.25x45-S04	0.3	0.28	4	45	2.25	0.2	12°	R0.15	2
020780052010153	Ø0.3x2.5x45-S04	0.3	0.28	4	45	2.5	0.2	12°	R0.15	2
020780052030156	Ø0.3x2.75x45-S04	0.3	0.28	4	45	2.75	0.2	12°	R0.15	2
020780052010154	Ø0.3x3x45-S04	0.3	0.28	4	45	3	0.2	12°	R0.15	2
020780052030157	Ø0.3x3.5x45-S04	0.3	0.28	4	45	3.5	0.2	12°	R0.15	2
020780052020151	Ø0.3x4x45-S04	0.3	0.28	4	45	4	0.2	12°	R0.15	2
020780052030158	Ø0.3x4.5x45-S04	0.3	0.28	4	45	4.5	0.2	12°	R0.15	2
020780052020152	Ø0.3x5x45-S04	0.3	0.28	4	45	5	0.2	12°	R0.15	2
020780052040201	Ø0.4x0.5x45-S04	0.4	0.37	4	45	0.5	0.3	12°	R0.2	2
020780052010201	Ø0.4x0.75x45-S04	0.4	0.37	4	45	0.75	0.3	12°	R0.2	2
020780052000201	Ø0.4x1x45-S04	0.4	0.37	4	45	1	0.3	12°	R0.2	2
020780052100201	Ø0.4x1x50-S06	0.4	0.37	6	50	1	0.3	12°	R0.2	2
020780052000204	Ø0.4x1.5x45-S04	0.4	0.37	4	45	1.5	0.3	12°	R0.2	2
020780052100202	Ø0.4x1.5x50-S06	0.4	0.37	6	50	1.5	0.3	12°	R0.2	2
020780052000202	Ø0.4x2x45-S04	0.4	0.37	4	45	2	0.3	12°	R0.2	2
020780052100203	Ø0.4x2x50-S06	0.4	0.37	6	50	2	0.3	12°	R0.2	2
020780052000205	Ø0.4x2.5x45-S04	0.4	0.37	4	45	2.5	0.3	12°	R0.2	2
020780052100204	Ø0.4x2.5x50-S06	0.4	0.37	6	50	2.5	0.3	12°	R0.2	2
020780052000203	Ø0.4x3x45-S04	0.4	0.37	4	45	3	0.3	12°	R0.2	2
020780052100205	Ø0.4x3x50-S06	0.4	0.37	6	50	3	0.3	12°	R0.2	2
020780052010202	Ø0.4x3.5x45-S04	0.4	0.37	4	45	3.5	0.3	12°	R0.2	2
020780052000206	Ø0.4x4x45-S04	0.4	0.37	4	45	4	0.3	12°	R0.2	2
020780052010203	Ø0.4x4.5x45-S04	0.4	0.37	4	45	4.5	0.3	12°	R0.2	2
020780052000207	Ø0.4x5x45-S04	0.4	0.37	4	45	5	0.3	12°	R0.2	2
020780052010204	Ø0.4x5.5x45-S04	0.4	0.37	4	45	5.5	0.3	12°	R0.2	2
020780052010205	Ø0.4x6x45-S04	0.4	0.37	4	45	6	0.3	12°	R0.2	2
020780052030251	Ø0.5x1x45-S04	0.5	0.46	4	45	1	0.35	12°	R0.25	2
020780052010251	Ø0.5x1.5x45-S04	0.5	0.46	4	45	1.5	0.35	12°	R0.25	2
020780052100251	Ø0.5x1.5x50-S06	0.5	0.46	6	50	1.5	0.35	12°	R0.25	2
020780052000251	Ø0.5x2x45-S04	0.5	0.46	4	45	2	0.35	12°	R0.25	2
020780052100252	Ø0.5x2x50-S06	0.5	0.46	6	50	2	0.35	12°	R0.25	2
020780052010252	Ø0.5x2.5x45-S04	0.5	0.46	4	45	2.5	0.35	12°	R0.25	2
020780052010253	Ø0.5x3x45-S04	0.5	0.46	4	45	3	0.35	12°	R0.25	2
020780052010254	Ø0.5x3.5x45-S04	0.5	0.46	4	45	3.5	0.35	12°	R0.25	2
020780052000252	Ø0.5x4x45-S04	0.5	0.46	4	45	4	0.35	12°	R0.25	2
020780052100253	Ø0.5x4x50-S06	0.5	0.46	6	50	4	0.35	12°	R0.25	2
020780052010255	Ø0.5x4.5x45-S04	0.5	0.46	4	45	4.5	0.35	12°	R0.25	2
020780052000255	Ø0.5x5x45-S04	0.5	0.46	4	45	5	0.35	12°	R0.25	2
020780052100254	Ø0.5x5x50-S06	0.5	0.46	6	50	5	0.35	12°	R0.25	2

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Ref.	Descrição	D1	D2	D3	L1	L2	L3	Ângulo	Raio canto Z	
020780052010256	Ø0.5x5.5x45-S04	0.5	0.46	4	45	5.5	0.35	12°	R0.25	2
020780052000253	Ø0.5x6x45-S04	0.5	0.46	4	45	6	0.35	12°	R0.25	2
020780052100255	Ø0.5x6x50-S06	0.5	0.46	6	50	6	0.35	12°	R0.25	2
020780052010257	Ø0.5x7x45-S04	0.5	0.46	4	45	7	0.35	12°	R0.25	2
020780052000254	Ø0.5x8x45-S04	0.5	0.46	4	45	8	0.35	12°	R0.25	2
020780052100256	Ø0.5x8x50-S06	0.5	0.46	6	50	8	0.35	12°	R0.25	2
020780052130251	Ø0.5x9x55-S06	0.5	0.46	6	55	9	0.35	12°	R0.25	2
020780052130252	Ø0.5x10x55-S06	0.5	0.46	6	55	10	0.35	12°	R0.25	2
020780052040301	Ø0.6x1x45-S04	0.6	0.56	4	45	1	0.45	12°	R0.3	2
020780052010301	Ø0.6x1.5x45-S04	0.6	0.56	4	45	1.5	0.45	12°	R0.3	2
020780052000301	Ø0.6x2x45-S04	0.6	0.56	4	45	2	0.45	12°	R0.3	2
020780052100301	Ø0.6x2x50-S06	0.6	0.56	6	50	2	0.45	12°	R0.3	2
020780052010302	Ø0.6x2.5x45-S04	0.6	0.56	4	45	2.5	0.45	12°	R0.3	2
020780052000305	Ø0.6x3x45-S04	0.6	0.56	4	45	3	0.45	12°	R0.3	2
020780052100302	Ø0.6x3x50-S06	0.6	0.56	6	50	3	0.45	12°	R0.3	2
020780052010303	Ø0.6x3.5x45-S04	0.6	0.56	4	45	3.5	0.45	12°	R0.3	2
020780052000302	Ø0.6x4x45-S04	0.6	0.56	4	45	4	0.45	12°	R0.3	2
020780052100303	Ø0.6x4x50-S06	0.6	0.56	6	50	4	0.45	12°	R0.3	2
020780052010304	Ø0.6x4.5x45-S04	0.6	0.56	4	45	4.5	0.45	12°	R0.3	2
020780052000306	Ø0.6x5x45-S04	0.6	0.56	4	45	5	0.45	12°	R0.3	2
020780052010305	Ø0.6x5.5x45-S04	0.6	0.56	4	45	5.5	0.45	12°	R0.3	2
020780052000303	Ø0.6x6x45-S04	0.6	0.56	4	45	6	0.45	12°	R0.3	2
020780052100304	Ø0.6x6x50-S06	0.6	0.56	6	50	6	0.45	12°	R0.3	2
020780052010306	Ø0.6x6.5x45-S04	0.6	0.56	4	45	6.5	0.45	12°	R0.3	2
020780052000307	Ø0.6x7x45-S04	0.6	0.56	4	45	7	0.45	12°	R0.3	2
020780052010307	Ø0.6x7.5x45-S04	0.6	0.56	4	45	7.5	0.45	12°	R0.3	2
020780052000304	Ø0.6x8x45-S04	0.6	0.56	4	45	8	0.45	12°	R0.3	2
020780052100305	Ø0.6x8x50-S06	0.6	0.56	6	50	8	0.45	12°	R0.3	2
020780052010308	Ø0.6x8.5x45-S04	0.6	0.56	4	45	8.5	0.45	12°	R0.3	2
020780052010309	Ø0.6x9x45-S04	0.6	0.56	4	45	9	0.45	12°	R0.3	2
020780052010310	Ø0.6x9.5x45-S04	0.6	0.56	4	45	9.5	0.45	12°	R0.3	2
020780052010311	Ø0.6x10x45-S04	0.6	0.56	4	45	10	0.45	12°	R0.3	2
020780052100306	Ø0.6x10x50-S06	0.6	0.56	6	50	10	0.45	12°	R0.3	2
020780052010312	Ø0.6x11x45-S04	0.6	0.56	4	45	11	0.45	12°	R0.3	2
020780052010313	Ø0.6x12x45-S04	0.6	0.56	4	45	12	0.45	12°	R0.3	2
020780052040351	Ø0.7x2x45-S04	0.7	0.66	4	45	2	0.5	12°	R0.35	2
020780052040352	Ø0.7x4x45-S04	0.7	0.66	4	45	4	0.5	12°	R0.35	2
020780052040353	Ø0.7x6x45-S04	0.7	0.66	4	45	6	0.5	12°	R0.35	2
020780052040354	Ø0.7x8x45-S04	0.7	0.66	4	45	8	0.5	12°	R0.35	2
020780052000400	Ø0.8x2x45-S04	0.8	0.76	4	45	2	0.6	12°	R0.4	2
020780052100401	Ø0.8x2x50-S06	0.8	0.76	6	50	2	0.6	12°	R0.4	2
020780052010401	Ø0.8x3x45-S04	0.8	0.76	4	45	3	0.6	12°	R0.4	2
020780052100402	Ø0.8x3x50-S06	0.8	0.76	6	50	3	0.6	12°	R0.4	2

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Ref.	Descrição	D1	D2	D3	L1	L2	L3	Ângulo	Raio canto	Z
020780052000401	Ø0.8x4x45-S04	0.8	0.76	4	45	4	0.6	12°	R0.4	2
020780052100403	Ø0.8x4x50-S06	0.8	0.76	6	50	4	0.6	12°	R0.4	2
020780052000405	Ø0.8x5x45-S04	0.8	0.76	4	45	5	0.6	12°	R0.4	2
020780052000402	Ø0.8x6x45-S04	0.8	0.76	4	45	6	0.6	12°	R0.4	2
020780052100404	Ø0.8x6x50-S06	0.8	0.76	6	50	6	0.6	12°	R0.4	2
020780052000406	Ø0.8x7x45-S04	0.8	0.76	4	45	7	0.6	12°	R0.4	2
020780052000403	Ø0.8x8x45-S04	0.8	0.76	4	45	8	0.6	12°	R0.4	2
020780052100405	Ø0.8x8x50-S06	0.8	0.76	6	50	8	0.6	12°	R0.4	2
020780052030401	Ø0.8x9x45-S04	0.8	0.76	4	45	9	0.6	12°	R0.4	2
020780052000404	Ø0.8x10x45-S04	0.8	0.76	4	45	10	0.6	12°	R0.4	2
020780052100406	Ø0.8x10x50-S06	0.8	0.76	6	50	10	0.6	12°	R0.4	2
020780052020401	Ø0.8x12x45-S04	0.8	0.76	4	45	12	0.6	12°	R0.4	2
020780052040451	Ø0.9x2x45-S04	0.9	0.86	4	45	2	0.65	12°	R0.45	2
020780052040452	Ø0.9x4x45-S04	0.9	0.86	4	45	4	0.65	12°	R0.45	2
020780052040453	Ø0.9x6x45-S04	0.9	0.86	4	45	6	0.65	12°	R0.45	2
020780052040454	Ø0.9x8x45-S04	0.9	0.86	4	45	8	0.65	12°	R0.45	2
020780052040501	Ø1x2x45-S04	1	0.95	4	45	2	0.75	12°	R0.5	2
020780052040502	Ø1x2.5x45-S04	1	0.95	4	45	2.5	0.75	12°	R0.5	2
020780052000505	Ø1x3x45-S04	1	0.95	4	45	3	0.75	12°	R0.5	2
020780052100501	Ø1x3x50-S06	1	0.95	6	50	3	0.75	12°	R0.5	2
020780052000506	Ø1x4x45-S04	1	0.95	4	45	4	0.75	12°	R0.5	2
020780052100502	Ø1x4x50-S06	1	0.95	6	50	4	0.75	12°	R0.5	2
020780052000510	Ø1x5x45-S04	1	0.95	4	45	5	0.75	12°	R0.5	2
020780052100503	Ø1x5x50-S06	1	0.95	6	50	5	0.75	12°	R0.5	2
020780052000501	Ø1x6x45-S04	1	0.95	4	45	6	0.75	12°	R0.5	2
020780052100504	Ø1x6x50-S06	1	0.95	6	50	6	0.75	12°	R0.5	2
020780052000511	Ø1x7x45-S04	1	0.95	4	45	7	0.75	12°	R0.5	2
020780052000502	Ø1x8x45-S04	1	0.95	4	45	8	0.75	12°	R0.5	2
020780052100505	Ø1x8x50-S06	1	0.95	6	50	8	0.75	12°	R0.5	2
020780052000512	Ø1x9x45-S04	1	0.95	4	45	9	0.75	12°	R0.5	2
020780052000507	Ø1x10x45-S04	1	0.95	4	45	10	0.75	12°	R0.5	2
020780052100506	Ø1x10x50-S06	1	0.95	6	50	10	0.75	12°	R0.5	2
020780052000504	Ø1x12x45-S04	1	0.95	4	45	12	0.75	12°	R0.5	2
020780052100507	Ø1x12x50-S06	1	0.95	6	50	12	0.75	12°	R0.5	2
020780052040503	Ø1x13x45-S04	1	0.95	4	45	13	0.75	12°	R0.5	2
020780052000513	Ø1x14x50-S04	1	0.95	4	50	14	0.75	12°	R0.5	2
020780052000508	Ø1x16x50-S04	1	0.95	4	50	16	0.75	12°	R0.5	2
020780052100508	Ø1x16x60-S06	1	0.95	6	60	16	0.75	12°	R0.5	2
020780052000514	Ø1x18x55-S04	1	0.95	4	55	18	0.75	12°	R0.5	2
020780052000509	Ø1x20x55-S04	1	0.95	4	55	20	0.75	12°	R0.5	2
020780052100509	Ø1x20x60-S06	1	0.95	6	60	20	0.75	12°	R0.5	2
020780052100510	Ø1x22x60-S06	1	0.95	6	60	22	0.75	12°	R0.5	2
020780052040601	Ø1.2x2.4x45-S04	1.2	1.15	4	45	2.4	0.9	12°	R0.6	2

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Ref.	Descrição	D1	D2	D3	L1	L2	L3	Ângulo	Raio canto	Z
020780052020601	Ø1.2x4x45-S04	1.2	1.15	4	45	4	0.9	12°	R0.6	2
020780052000600	Ø1.2x6x45-S04	1.2	1.15	4	45	6	0.9	12°	R0.6	2
020780052100601	Ø1.2x6x50-S06	1.2	1.15	6	50	6	0.9	12°	R0.6	2
020780052000601	Ø1.2x8x45-S04	1.2	1.15	4	45	8	0.9	12°	R0.6	2
020780052100602	Ø1.2x8x50-S06	1.2	1.15	6	50	8	0.9	12°	R0.6	2
020780052000602	Ø1.2x10x45-S04	1.2	1.15	4	45	10	0.9	12°	R0.6	2
020780052100603	Ø1.2x10x50-S06	1.2	1.15	6	50	10	0.9	12°	R0.6	2
020780052000603	Ø1.2x12x45-S04	1.2	1.15	4	45	12	0.9	12°	R0.6	2
020780052100604	Ø1.2x12x50-S06	1.2	1.15	6	50	12	0.9	12°	R0.6	2
020780052010601	Ø1.2x14x50-S04	1.2	1.15	4	50	14	0.9	12°	R0.6	2
020780052010602	Ø1.2x16x50-S04	1.2	1.15	4	50	16	0.9	12°	R0.6	2
020780052100605	Ø1.2x16x60-S06	1.2	1.15	6	60	16	0.9	12°	R0.6	2
020780052020602	Ø1.2x18x55-S04	1.2	1.15	4	55	18	0.9	12°	R0.6	2
020780052030601	Ø1.2x20x55-S04	1.2	1.15	4	55	20	0.9	12°	R0.6	2
020780052020603	Ø1.2x24x60-S04	1.2	1.15	4	60	24	0.9	12°	R0.6	2
020780052030701	Ø1.4x8x45-S04	1.4	1.35	4	45	8	1	12°	R0.7	2
020780052030702	Ø1.4x12x50-S04	1.4	1.35	4	50	12	1	12°	R0.7	2
020780052030703	Ø1.4x16x50-S04	1.4	1.35	4	50	16	1	12°	R0.7	2
020780052030751	Ø1.5x3x45-S04	1.5	1.45	4	45	3	1.1	12°	R0.75	2
020780052020751	Ø1.5x4x45-S04	1.5	1.45	4	45	4	1.1	12°	R0.75	2
020780052020752	Ø1.5x6x45-S04	1.5	1.45	4	45	6	1.1	12°	R0.75	2
020780052000751	Ø1.5x8x45-S04	1.5	1.45	4	45	8	1.1	12°	R0.75	2
020780052100751	Ø1.5x8x50-S06	1.5	1.45	6	50	8	1.1	12°	R0.75	2
020780052000752	Ø1.5x10x45-S04	1.5	1.45	4	45	10	1.1	12°	R0.75	2
020780052000753	Ø1.5x12x45-S04	1.5	1.45	4	45	12	1.1	12°	R0.75	2
020780052100752	Ø1.5x12x50-S06	1.5	1.45	6	50	12	1.1	12°	R0.75	2
020780052000754	Ø1.5x14x50-S04	1.5	1.45	4	50	14	1.1	12°	R0.75	2
020780052000755	Ø1.5x16x50-S04	1.5	1.45	4	50	16	1.1	12°	R0.75	2
020780052100755	Ø1.5x16x60-S06	1.5	1.45	6	60	16	1.1	12°	R0.75	2
020780052000756	Ø1.5x18x55-S04	1.5	1.45	4	55	18	1.1	12°	R0.75	2
020780052000757	Ø1.5x20x55-S04	1.5	1.45	4	55	20	1.1	12°	R0.75	2
020780052100757	Ø1.5x20x60-S06	1.5	1.45	6	60	20	1.1	12°	R0.75	2
020780052010751	Ø1.5x22x55-S04	1.5	1.45	4	55	22	1.1	12°	R0.75	2
020780052020753	Ø1.5x30x70-S04	1.5	1.45	4	70	30	1.1	12°	R0.75	2
020780052020801	Ø1.6x4x45-S04	1.6	1.55	4	45	4	1.2	12°	R0.8	2
020780052000801	Ø1.6x8x45-S04	1.6	1.55	4	45	8	1.2	12°	R0.8	2
020780052000803	Ø1.6x12x45-S04	1.6	1.55	4	45	12	1.2	12°	R0.8	2
020780052000805	Ø1.6x16x50-S04	1.6	1.55	4	50	16	1.2	12°	R0.8	2
020780052000807	Ø1.6x20x55-S04	1.6	1.55	4	55	20	1.2	12°	R0.8	2
020780052030901	Ø1.8x8x45-S04	1.8	1.75	4	45	8	1.3	12°	R0.9	2
020780052030902	Ø1.8x12x45-S04	1.8	1.75	4	45	12	1.3	12°	R0.9	2
020780052030903	Ø1.8x16x50-S04	1.8	1.75	4	50	16	1.3	12°	R0.9	2
020780052030904	Ø1.8x20x55-S04	1.8	1.75	4	55	20	1.3	12°	R0.9	2

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Ref.	Descrição	D1	D2	D3	L1	L2	L3	Ângulo	Raio canto Z	
020780052031001	Ø2x3x45-S04	2	1.94	4	45	3	1.5	12°	R1	2
020780052001000	Ø2x4x45-S04	2	1.94	4	45	4	1.5	12°	R1	2
020780052101000	Ø2x4x50-S06	2	1.94	6	50	4	1.5	12°	R1	2
020780052001001	Ø2x6x45-S04	2	1.94	4	45	6	1.5	12°	R1	2
020780052101001	Ø2x6x50-S06	2	1.94	6	50	6	1.5	12°	R1	2
020780052001002	Ø2x8x45-S04	2	1.94	4	45	8	1.5	12°	R1	2
020780052101002	Ø2x8x50-S06	2	1.94	6	50	8	1.5	12°	R1	2
020780052001003	Ø2x10x45-S04	2	1.94	4	45	10	1.5	12°	R1	2
020780052101003	Ø2x10x50-S06	2	1.94	6	50	10	1.5	12°	R1	2
020780052001004	Ø2x12x45-S04	2	1.94	4	45	12	1.5	12°	R1	2
020780052101004	Ø2x12x50-S06	2	1.94	6	50	12	1.5	12°	R1	2
020780052041001	Ø2x13x45-S04	2	1.94	4	45	13	1.5	12°	R1	2
020780052001005	Ø2x14x50-S04	2	1.94	4	50	14	1.5	12°	R1	2
020780052001006	Ø2x16x50-S04	2	1.94	4	50	16	1.5	12°	R1	2
020780052101005	Ø2x16x60-S06	2	1.94	6	60	16	1.5	12°	R1	2
020780052001007	Ø2x18x55-S04	2	1.94	4	55	18	1.5	12°	R1	2
020780052001008	Ø2x20x55-S04	2	1.94	4	55	20	1.5	12°	R1	2
020780052101008	Ø2x20x60-S06	2	1.94	6	60	20	1.5	12°	R1	2
020780052001009	Ø2x22x60-S04	2	1.94	4	60	22	1.5	12°	R1	2
020780052001010	Ø2x25x65-S04	2	1.94	4	65	25	1.5	12°	R1	2
020780052101010	Ø2x25x80-S06	2	1.94	6	80	25	1.5	12°	R1	2
020780052001011	Ø2x30x70-S04	2	1.94	4	70	30	1.5	12°	R1	2
020780052101012	Ø2x30x80-S06	2	1.94	6	80	30	1.5	12°	R1	2
020780052011001	Ø2x35x70-S04	2	1.94	4	70	35	1.5	12°	R1	2
020780052101014	Ø2x35x80-S06	2	1.94	6	80	35	1.5	12°	R1	2
020780052031002	Ø2x40x90-S04	2	1.94	4	90	40	1.5	12°	R1	2
020780052101015	Ø2x40x90-S06	2	1.94	6	90	40	1.5	12°	R1	2
020780052021251	Ø2.5x6x45-S04	2.5	2.4	4	45	6	2.3	12°	R1.25	2
020780052011251	Ø2.5x10x45-S04	2.5	2.4	4	45	10	2.3	12°	R1.25	2
020780052011252	Ø2.5x15x50-S04	2.5	2.4	4	50	15	2.3	12°	R1.25	2
020780052011253	Ø2.5x20x55-S04	2.5	2.4	4	55	20	2.3	12°	R1.25	2
020780052011254	Ø2.5x25x65-S04	2.5	2.4	4	65	25	2.3	12°	R1.25	2
020780052011255	Ø2.5x30x70-S04	2.5	2.4	4	70	30	2.3	12°	R1.25	2
020780052021252	Ø2.5x35x70-S04	2.5	2.4	4	70	35	2.3	12°	R1.25	2
020780052031502	Ø3x6x60-S04	3	2.85	4	60	6	2.5	12°	R1.5	2
020780052031503	Ø3x6x60-S06	3	2.85	6	60	6	2.5	12°	R1.5	2
020780052001500	Ø3x8x60-S06	3	2.85	6	60	8	2.5	12°	R1.5	2
020780052001501	Ø3x10x60-S06	3	2.85	6	60	10	2.5	12°	R1.5	2
020780052031504	Ø3x12x60-S06	3	2.85	6	60	12	2.5	12°	R1.5	2
020780052031505	Ø3x14x60-S06	3	2.85	6	60	14	2.5	12°	R1.5	2
020780052001503	Ø3x15x60-S06	3	2.85	6	60	15	2.5	12°	R1.5	2
020780052031506	Ø3x16x60-S06	3	2.85	6	60	16	2.5	12°	R1.5	2
020780052001505	Ø3x20x65-S06	3	2.85	6	65	20	2.5	12°	R1.5	2

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Ref.	Descrição	D1	D2	D3	L1	L2	L3	Ângulo	Raio canto	Z
020780052001506	Ø3x25x65-S06	3	2.85	6	65	25	2.5	12°	R1.5	2
020780052001507	Ø3x30x70-S06	3	2.85	6	70	30	2.5	12°	R1.5	2
020780052001508	Ø3x35x80-S06	3	2.85	6	80	35	2.5	12°	R1.5	2
020780052011501	Ø3x40x90-S06	3	2.85	6	90	40	2.5	12°	R1.5	2
020780052011751	Ø3.5x10x60-S06	3.5	3.35	6	60	10	2.8	12°	R1.75	2
020780052011752	Ø3.5x15x60-S06	3.5	3.35	6	60	15	2.8	12°	R1.75	2
020780052011753	Ø3.5x20x65-S06	3.5	3.35	6	65	20	2.8	12°	R1.75	2
020780052011754	Ø3.5x25x65-S06	3.5	3.35	6	65	25	2.8	12°	R1.75	2
020780052011755	Ø3.5x30x70-S06	3.5	3.35	6	70	30	2.8	12°	R1.75	2
020780052011756	Ø3.5x35x80-S06	3.5	3.35	6	80	35	2.8	12°	R1.75	2
020780052011757	Ø3.5x40x90-S06	3.5	3.35	6	90	40	2.8	12°	R1.75	2
020780052011758	Ø3.5x45x90-S06	3.5	3.35	6	90	45	2.8	12°	R1.75	2
020780052002000	Ø4x10x65-S06	4	3.8	6	65	10	3	12°	R2	2
020780052032001	Ø4x12x65-S06	4	3.8	6	65	12	3	12°	R2	2
020780052032002	Ø4x14x65-S06	4	3.8	6	65	14	3	12°	R2	2
020780052002001	Ø4x15x65-S06	4	3.8	6	65	15	3	12°	R2	2
020780052032003	Ø4x16x65-S06	4	3.8	6	65	16	3	12°	R2	2
020780052002003	Ø4x20x65-S06	4	3.8	6	65	20	3	12°	R2	2
020780052002004	Ø4x25x70-S06	4	3.8	6	70	25	3	12°	R2	2
020780052002005	Ø4x30x70-S06	4	3.8	6	70	30	3	12°	R2	2
020780052002006	Ø4x35x80-S06	4	3.8	6	80	35	3	12°	R2	2
020780052002007	Ø4x40x85-S06	4	3.8	6	85	40	3	12°	R2	2
020780052002008	Ø4x45x90-S06	4	3.8	6	90	45	3	12°	R2	2
020780052002009	Ø4x50x100-S06	4	3.8	6	100	50	3	12°	R2	2
020780052032501	Ø5x10x70-S06	5	4.8	6	70	10	3.5	12°	R2.5	2
020780052012501	Ø5x15x70-S06	5	4.8	6	70	15	3.5	12°	R2.5	2
020780052002501	Ø5x20x70-S06	5	4.8	6	70	20	3.5	12°	R2.5	2
020780052002502	Ø5x25x70-S06	5	4.8	6	70	25	3.5	12°	R2.5	2
020780052002503	Ø5x30x80-S06	5	4.8	6	80	30	3.5	12°	R2.5	2
020780052002504	Ø5x35x80-S06	5	4.8	6	80	35	3.5	12°	R2.5	2
020780052012502	Ø5x40x90-S06	5	4.8	6	90	40	3.5	12°	R2.5	2
020780052012503	Ø5x45x100-S06	5	4.8	6	100	45	3.5	12°	R2.5	2
020780052012504	Ø5x50x100-S06	5	4.8	6	100	50	3.5	12°	R2.5	2
020780052033001	Ø6x10x70-S06	6	5.8	6	70	10	6	-	R3	2
020780052043001	Ø6x15x70-S06	6	5.8	6	70	15	6	-	R3	2
020780052013001	Ø6x20x70-S06	6	5.8	6	70	20	6	-	R3	2
020780052013002	Ø6x25x70-S06	6	5.8	6	70	25	6	-	R3	2
020780052003001	Ø6x30x80-S06	6	5.8	6	80	30	6	-	R3	2
020780052013003	Ø6x35x80-S06	6	5.8	6	80	35	6	-	R3	2
020780052013004	Ø6x40x90-S06	6	5.8	6	90	40	6	-	R3	2
020780052013005	Ø6x45x100-S06	6	5.8	6	100	45	6	-	R3	2
020780052003003	Ø6x50x120-S06	6	5.8	6	120	50	6	-	R3	2

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