

## FITAS EM AÇO ALTO CARBONO

Material	Espessuras <sup>1)</sup> (mm)	Condição	Acabamento Superficial	Resistência à Tração <sup>2)</sup> MPa	Dureza máx.	Principais Aplicações
Sandvik SHT 15 LM (AISI 1075)	0,15 - 1,20	Temperado e Revenido	Branco Polido	1500 - 1950	52 HRC	Molas, calços, serras, facas, espátulas, arruelas e componentes eletro-eletrônicos
Sandvik SHT 20 C (AISI 1095)	0,15 - 1,00	Temperado e Revenido	Branco Polido	1600 - 2200	56 HRC	Peças para amortecedores e compressores, facas em geral, cutelaria e molas
SAE 1075 Temperado	0,20 - 2,00	Temperado e Revenido	Branco Polido	1480 - 1600	48 HRC	Estamparia em geral, facas, molas e espátulas

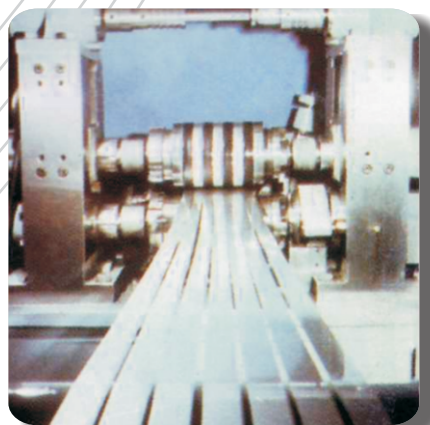


## FITAS EM AÇO INOXIDÁVEL E LIGAS ESPECIAIS

Material	Espessuras <sup>1)</sup> (mm)	Condição	Acabamento Superficial	Resistência à Tração <sup>2)</sup> MPa	Dureza máx.	Principais Aplicações
Sandvik SGH 7C27MO2 (martensítico)	0,10 - 2,50	Temperado e Revenido	Branco Polido	1700 - 1800	52 HRC	Peças para compressores, facas em geral, serras para corte de carne, instrumentos cirúrgicos, cutelaria e estamparia de tecidos
Sandvik SSS 12R11 (AISI 301) (austenítico)	0,15 - 1,00	Encruado	Branco Polido	1250 - 1900	52 HRC	Molas, componentes eletro eletrônicos, peças estampadas e instrumentos cirúrgicos
Sandvik 2RK65	0,80	Recozido	2B	600 - 650	81 HRB	Bandagem em filtros de celulose
AISI 304 (austenítico)	0,30 - 1,00	Recozido	2B/BA	515 mín.	92 HRB	Auto peças, eletrodomésticos, eletro-eletrônicos, peças estampadas em geral
AISI 430 (ferrítico)	0,30 - 1,00	Recozido	BA	415 mín.	88 HRB	Auto peças, decoração, peças estampadas em geral

<sup>1)</sup> Tolerâncias restritas sob consulta

<sup>2)</sup> 1MPa = 1N/mm<sup>2</sup>



Fitas - Quilos por 100 m

ESPESSURA	LARGURA MM																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0.01	0.008	0.016	0.023	0.031	0.039	0.047	0.055	0.062	0.070	0.078	0.086	0.094	0.101	0.109	0.117	0.125	0.133	0.140	0.148	0.156	0.164	0.172	0.179	0.187
0.02	0.016	0.031	0.047	0.062	0.078	0.094	0.109	0.125	0.140	0.156	0.172	0.187	0.203	0.218	0.234	0.250	0.265	0.281	0.296	0.312	0.328	0.343	0.359	0.374
0.03	0.023	0.047	0.070	0.094	0.117	0.140	0.164	0.187	0.211	0.234	0.257	0.281	0.304	0.328	0.351	0.374	0.398	0.421	0.445	0.468	0.491	0.515	0.538	0.562
0.04	0.031	0.062	0.094	0.125	0.156	0.187	0.218	0.250	0.281	0.312	0.343	0.374	0.406	0.437	0.468	0.499	0.530	0.562	0.593	0.624	0.655	0.686	0.718	0.749
0.05	0.039	0.078	0.117	0.156	0.195	0.234	0.273	0.312	0.351	0.390	0.429	0.468	0.507	0.546	0.585	0.624	0.663	0.702	0.741	0.780	0.819	0.858	0.897	0.936
0.06	0.047	0.094	0.140	0.187	0.234	0.281	0.328	0.374	0.421	0.468	0.515	0.562	0.608	0.655	0.702	0.749	0.796	0.842	0.889	0.936	0.983	1.030	1.076	1.123
0.07	0.055	0.109	0.164	0.218	0.273	0.328	0.382	0.437	0.491	0.546	0.601	0.655	0.710	0.764	0.819	0.874	0.928	0.983	1.037	1.092	1.147	1.201	1.256	1.310
0.08	0.062	0.125	0.187	0.250	0.312	0.374	0.437	0.499	0.562	0.624	0.686	0.749	0.811	0.874	0.936	0.998	1.061	1.123	1.186	1.248	1.310	1.373	1.435	1.498
0.09	0.070	0.140	0.211	0.281	0.351	0.421	0.491	0.562	0.632	0.702	0.772	0.842	0.913	0.983	1.053	1.123	1.193	1.264	1.334	1.404	1.474	1.544	1.615	1.685
0.10	0.078	0.156	0.234	0.312	0.390	0.468	0.546	0.624	0.702	0.780	0.858	0.936	1.014	1.092	1.170	1.248	1.326	1.404	1.482	1.560	1.638	1.716	1.794	1.872
0.11	0.086	0.172	0.257	0.343	0.429	0.515	0.601	0.686	0.772	0.858	0.944	1.030	1.115	1.201	1.287	1.373	1.459	1.544	1.63	1.716	1.802	1.888	1.973	2.059
0.12	0.094	0.187	0.281	0.374	0.468	0.562	0.655	0.749	0.842	0.936	1.030	1.123	1.217	1.310	1.404	1.498	1.591	1.685	1.778	1.872	1.966	2.059	2.153	2.246
0.13	0.101	0.203	0.304	0.406	0.507	0.608	0.710	0.811	0.913	1.014	1.115	1.217	1.318	1.420	1.521	1.622	1.724	1.825	1.927	2.028	2.129	2.231	2.332	2.434
0.14	0.109	0.218	0.328	0.437	0.546	0.655	0.764	0.874	0.983	1.092	1.201	1.310	1.420	1.529	1.638	1.747	1.856	1.966	2.075	2.184	2.293	2.402	2.512	2.621
0.15	0.117	0.234	0.351	0.468	0.585	0.702	0.819	0.936	1.053	1.170	1.287	1.404	1.521	1.638	1.755	1.872	1.989	2.106	2.223	2.340	2.457	2.574	2.691	2.808
0.16	0.125	0.250	0.374	0.499	0.624	0.749	0.874	0.999	1.123	1.248	1.373	1.498	1.622	1.747	1.872	1.997	2.122	2.246	2.371	2.496	2.621	2.746	2.870	2.995
0.17	0.133	0.265	0.398	0.531	0.663	0.796	0.928	1.061	1.193	1.326	1.459	1.591	1.724	1.856	1.989	2.122	2.254	2.387	2.519	2.652	2.785	2.917	3.050	3.182
0.18	0.140	0.281	0.421	0.562	0.702	0.842	0.983	1.123	1.264	1.404	1.544	1.685	1.825	1.966	2.106	2.246	2.387	2.527	2.668	2.808	2.948	3.089	3.229	3.370
0.19	0.148	0.296	0.445	0.593	0.741	0.889	1.037	1.186	1.334	1.482	1.630	1.778	1.927	2.075	2.223	2.371	2.519	2.668	2.816	2.964	3.112	3.260	3.409	3.557
0.20	0.156	0.312	0.468	0.624	0.780	0.936	1.092	1.248	1.404	1.560	1.716	1.872	2.028	2.184	2.340	2.496	2.652	2.808	2.964	3.120	3.276	3.432	3.588	3.744
0.21	0.164	0.328	0.491	0.655	0.819	0.983	1.147	1.310	1.474	1.638	1.802	1.966	2.129	2.293	2.457	2.621	2.785	2.948	3.112	3.276	3.440	3.604	3.767	3.931
0.22	0.172	0.343	0.515	0.686	0.858	1.030	1.201	1.373	1.544	1.716	1.888	2.059	2.231	2.402	2.574	2.746	2.917	3.089	3.26	3.432	3.604	3.775	3.947	4.118
0.23	0.179	0.359	0.538	0.718	0.897	1.076	1.256	1.435	1.615	1.794	1.973	2.153	2.332	2.512	2.691	2.870	3.050	3.229	3.409	3.588	3.767	3.947	4.126	4.306
0.24	0.187	0.374	0.562	0.749	0.936	1.123	1.310	1.498	1.685	1.872	2.059	2.246	2.434	2.621	2.808	2.995	3.182	3.370	3.558	3.744	3.931	4.118	4.306	4.493
0.25	0.195	0.39	0.585	0.780	0.975	1.170	1.365	1.560	1.755	1.950	2.145	2.340	2.535	2.730	2.925	3.120	3.315	3.510	3.705	3.900	4.095	4.290	4.485	4.680
0.30	0.234	0.468	0.702	0.936	1.170	1.404	1.638	1.872	2.106	2.340	2.574	2.808	3.042	3.276	3.510	3.744	3.978	4.212	4.446	4.680	4.914	5.148	5.382	5.616
0.35	0.273	0.546	0.819	1.092	1.365	1.638	1.911	2.184	2.457	2.730	3.003	3.276	3.549	3.822	4.095	4.368	4.641	4.914	5.187	5.460	5.733	6.006	6.279	6.552
0.40	0.312	0.624	0.936	1.248	1.560	1.872	2.184	2.496	2.808	3.120	3.432	3.744	4.056	4.368	4.680	4.992	5.304	5.616	5.928	6.240	6.552	6.864	7.176	7.488
0.45	0.351	0.702	1.053	1.404	1.755	2.106	2.457	2.808	3.159	3.510	3.861	4.212	4.563	4.914	5.265	5.616	5.967	6.318	6.669	7.020	7.371	7.722	8.073	8.424
0.50	0.390	0.780	1.170	1.560	1.950	2.340	2.730	3.120	3.510	3.900	4.290	4.680	5.070	5.460	5.850	6.240	6.630	7.020	7.41	7.800	8.190	8.580	8.970	9.360
0.55	0.429	0.858	1.287	1.716	2.145	2.574	3.003	3.432	3.861	4.290	4.719	5.148	5.577	6.006	6.435	6.864	7.293	7.722	8.151	8.580	9.009	9.438	9.867	10.296
0.60	0.468	0.936	1.404	1.872	2.340	2.808	3.276	3.744	4.212	4.680	5.148	5.616	6.084	6.552	7.020	7.488	7.956	8.424	8.892	9.360	9.828	10.296	10.764	11.232
0.65	0.507	1.014	1.521	2.028	2.535	3.042	3.549	4.056	4.563	5.070	5.577	6.084	6.591	7.098	7.605	8.112	8.619	9.126	9.633	10.14	10.65	11.15	11.66	12.17
0.70	0.546	1.092	1.638	2.184	2.730	3.276	3.822	4.368	4.914	5.460	6.006	6.552	7.098	7.644	8.190	8.736	9.282	9.828	10.374	10.92	11.47	12.01	12.56	13.10
0.75	0.585	1.170	1.755	2.340	2.925	3.510	4.095	4.680	5.265	5.850	6.435	7.020	7.605	8.190	8.775	9.360	9.945	10.53	11.12	11.70	12.29	12.87	13.46	14.04
0.80	0.624	1.248	1.872	2.496	3.120	3.744	4.368	4.992	5.616	6.240	6.864	7.488	8.112	8.736	9.360	9.984	10.608	11.232	11.856	12.48	13.10	13.73	14.35	14.98
0.85	0.663	1.326	1.989	2.652	3.315	3.978	4.641	5.304	5.967	6.630	7.293	7.956	8.619	9.282	9.945	10.608	11.271	11.934	12.6	13.26	13.92	14.59	15.25	15.91
0.90	0.702	1.404	2.109	2.812	3.515	4.218	4.921	5.624	6.327	7.030	7.733	8.436	9.139	9.842	10.545	11.248	11.951	12.654	13.357	14.06	14.76	15.46	16.16	16.86
0.95	0.741	1.482	2.223	2.964	3.705	4.446	5.187	5.928	6.669	7.41	8.151	8.892	9.633	10.374	11.115	11.856	12.6	13.34	14.08	14.82	15.56	16.30	17.04	17.78
1.00	0.780	1.560	2.340	3.120	3.900	4.680	5.460	6.240	7.020	7.800	8.580	9.360	10.14	10.92	11.70	12.48	13.26	14.04	14.82	15.60	16.38	17.16	17.94	18.72

Fitas - Quilos por 100 m

ESPESSURA	LARGURA MM																							
	25	30	35	40	45	50	55	60	65	70	75	80	90	100	110	120	130	140	150	160	170	180	190	200
0.01	0.195	0.234	0.273	0.312	0.351	0.390	0.429	0.468	0.507	0.546	0.585	0.624	0.702	0.780	0.858	0.936	1.014	1.092	1.170	1.248	1.326	1.404	1.482	1.560
0.02	0.390	0.468	0.546	0.624	0.702	0.780	0.858	0.936	1.014	1.092	1.170	1.248	1.404	1.560	1.716	1.872	2.028	2.184	2.340	2.496	2.652	2.808	2.964	3.120
0.03	0.585	0.702	0.819	0.936	1.053	1.170	1.287	1.404	1.521	1.638	1.755	1.872	2.106	2.340	2.574	2.808	3.042	3.276	3.510	3.744	3.978	4.212	4.446	4.680
0.04	0.780	0.936	1.092	1.248	1.404	1.560	1.716	1.872	2.028	2.184	2.340	2.496	2.808	3.120	3.432	3.744	4.056	4.368	4.680	4.992	5.304	5.616	5.928	6.240
0.05	0.975	1.170	1.365	1.560	1.755	1.950	2.145	2.340	2.535	2.730	2.925	3.120	3.510	3.900	4.290	4.680	5.070	5.460	5.850	6.240	6.630	7.020	7.410	7.800
0.06	1.170	1.404	1.638	1.872	2.106	2.340	2.574	2.808	3.042	3.276	3.510	3.744	4.212	4.680	5.148	5.616	6.084	6.552	7.020	7.488	7.956	8.424	8.892	9.360
0.07	1.365	1.638	1.911	2.184	2.457	2.730</																		