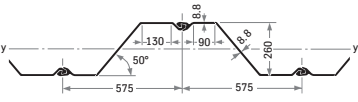
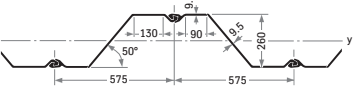
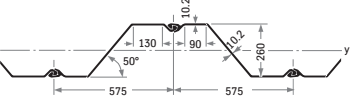
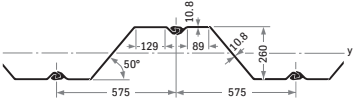
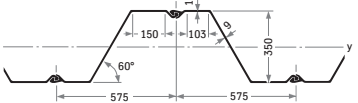
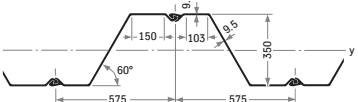


Hot Rolled Sheets: Hoesch (Z) Sections

Section width per D = 1150 mm

Section	Elastic section modulus W_y cm ³	Plastic section modulus W_{py} cm ³	Weight kg/m	Cross sectional area cm ²	Circumference ¹⁾ cm	Coating area ²⁾ m ² /m	Static moment S_y cm ³	Second moment of inertia I_y cm ⁴	Radius of gyration i_y cm	Classification to ENV 1993-5			
										Steel grades	S 240 GP	S 355 GP	S 430 GP
HOESCH 1105	per m wall	1100	1256	101.0	128.7	259	2.59	628	14300	10.54	2	3	3
	per E	628		58.1	74.0	163	1.54	-	8223	10.54	-	-	-
	per D	1266		116.2	148.0	304	2.95	-	16446	10.54	-	-	-
	per Dr ³⁾	1899		174.3	222.0	445	4.36	-	24669	10.54	-	-	-
HOESCH 1205	per m wall	1140	1330	107	135.7	259	2.59	665	14820	10.40	2	3	3
	per E	655		61.5	78.0	163	1.54	-	8520	10.40	-	-	-
	per D	1310		123	156.0	304	2.95	-	17040	10.40	-	-	-
	per Dr ³⁾	1970		184.5	234.0	445	4.36	-	25560	10.40	-	-	-
HOESCH 1205 K	per m wall	1200	1380	112.5	143.3	259	2.59	690	15600	10.46	2	2	3
	per E	690		64.7	82.4	163	1.54	-	8970	10.46	-	-	-
	per D	1380		129.4	164.8	304	2.95	-	17940	10.46	-	-	-
	per Dr ³⁾	2070		194.1	247.2	445	4.36	-	26910	10.46	-	-	-
HOESCH 1255	per m wall	1250	1446	118.0	150.3	259	2.59	723	16250	10.40	2	2	3
	per E	719		67.9	86.4	163	1.54	-	9340	10.40	-	-	-
	per D	1438		135.8	172.8	304	2.95	-	18690	10.40	-	-	-
	per Dr ³⁾	2157		203.7	259.2	445	4.36	-	28030	10.40	-	-	-
HOESCH 1705	per m wall	1720	1978	116.0	148.0	270	2.70	989	30100	14.27	2	3	3
	per E	989		66.7	85.0	177	1.68	-	17308	14.27	-	-	-
	per D	1978		133.4	170.0	332	3.23	-	34615	14.27	-	-	-
	per Dr ³⁾	2967		200.1	255.0	487	4.78	-	51923	14.27	-	-	-
HOESCH 1705 K	per m wall	1700	1958	117.0	149.0	270	2.70	979	29750	14.13	2	3	3
	per E	978		67.3	85.7	177	1.68	-	17106	14.13	-	-	-
	per D	1955		134.6	171.4	332	3.23	-	34213	14.13	-	-	-
	per Dr ³⁾	2933		201.9	257.1	487	4.78	-	51319	14.13	-	-	-