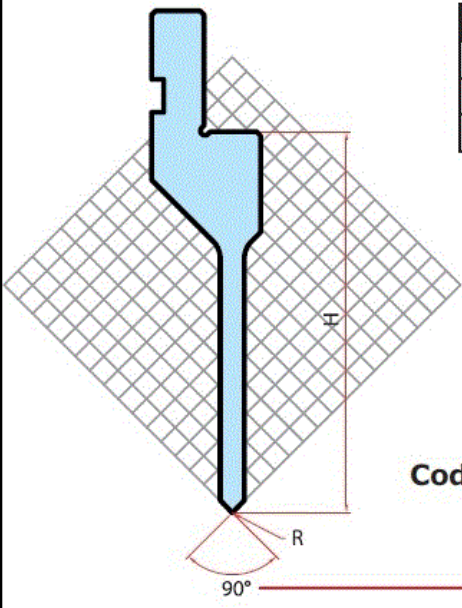




MOD.	R	H	HR
108	0,2	94,92	
108	0,6	94,4	
108	0,8	94,65	

La referencia se obtiene usando los siguientes datos:
modelo, grados, radio y tipo de material.

Cod: 108 90° R0,2 HR

ton/m 50

Tipo HR

* Disponible en un tratamiento especial para galvanizado e inoxidable.

42CRM04
Templado a 23-28 Hrc

Templado a Inducción 55-58 Hrc

Tipo TH

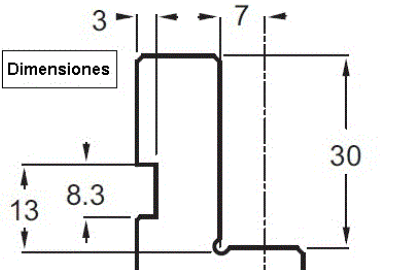
* Disponible en un tratamiento especial para galvanizado e inoxidable.

42CRM04
Templado completo a 45-49 Hrc

Tipo IH

C45
Templado a Inducción a 55-58 Hrc

Dimensiones



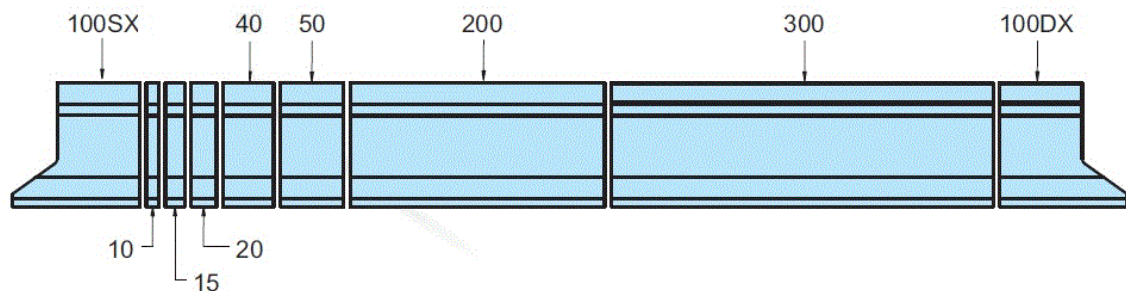
90° Indica los grados del punzón si hay varios valores significa que el punzón puede ofertarse con diferentes grados

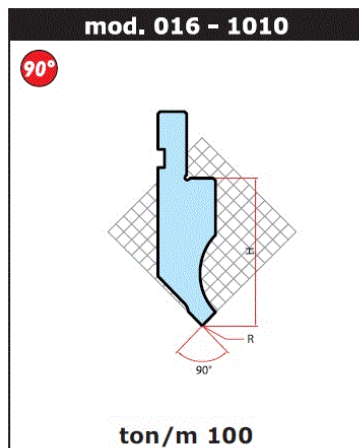
L=830 El punzón tiene una medida distinta a la estándar

S El punzón no puede ser seccionado con las medidas estándar

📞 Contacte con nosotros para más información

Longitudes estándar: 835mm, 415mm, 835mm seccionados

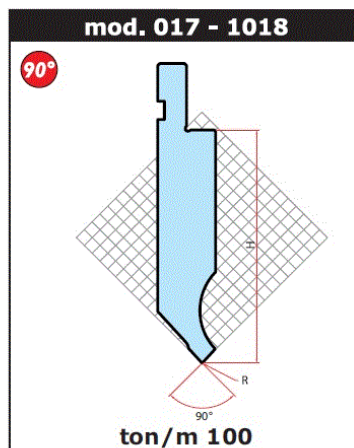




MOD.	R	H	HR
016	0,2	66,92	
016	0,6	66,4	
016	0,8	66,65	

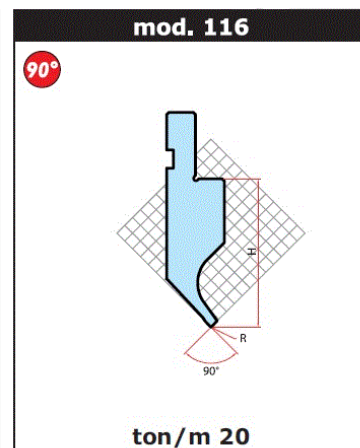
MOD.	R	H	TH
016	0,2	66,92	
016	0,6	66,4	
016	0,8	66,65	

MOD.	R	H	IH
1010	0,2	66,92	
1010	0,8	66,65	

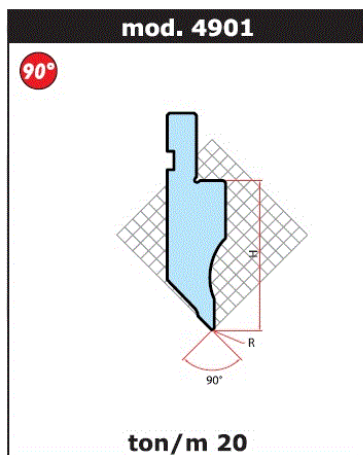


MOD.	R	H	HR
017	0,2	104,92	
017	0,6	104,4	
017	0,8	104,65	

MOD.	R	H	IH
1018	0,2	104,92	
1018	0,8	104,65	

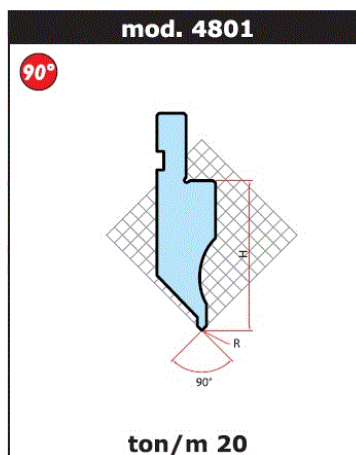


MOD.	R	H	TH
116	0,2	66,92	
116	0,6	66,4	



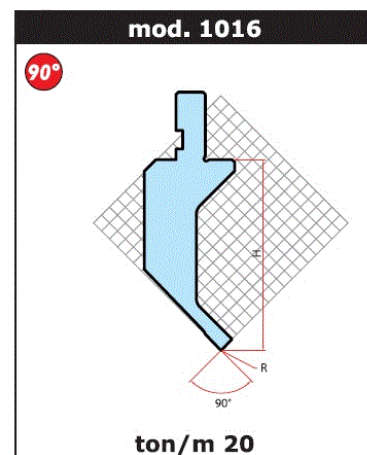
MOD.	R	H	HR
4901	0,2	66,92	
4901	0,6	66,4	

MOD.	R	H	TH
4901	0,2	66,92	
4901	0,6	66,4	

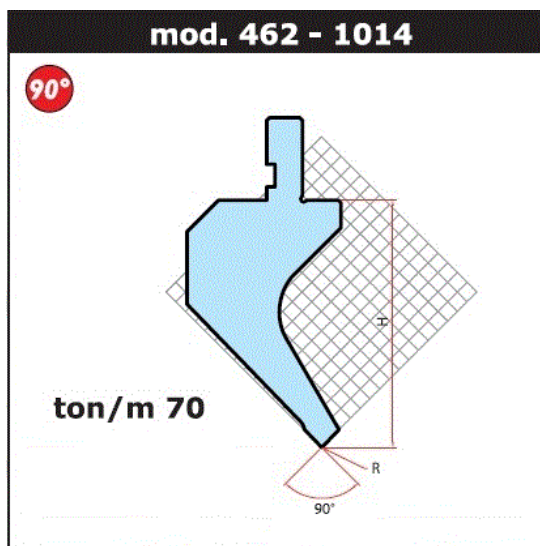


MOD.	R	H	HR
4801	0,2	66,92	
4801	0,6	66,4	

MOD.	R	H	TH
4801	0,2	66,92	
4801	0,6	66,4	



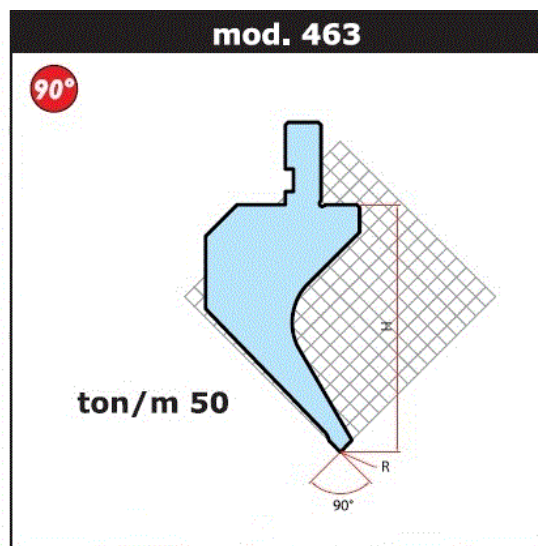
MOD.	R	H	TH
1016	0,2	84,31	
1016	0,6	84,15	
1016	0,8	84,05	



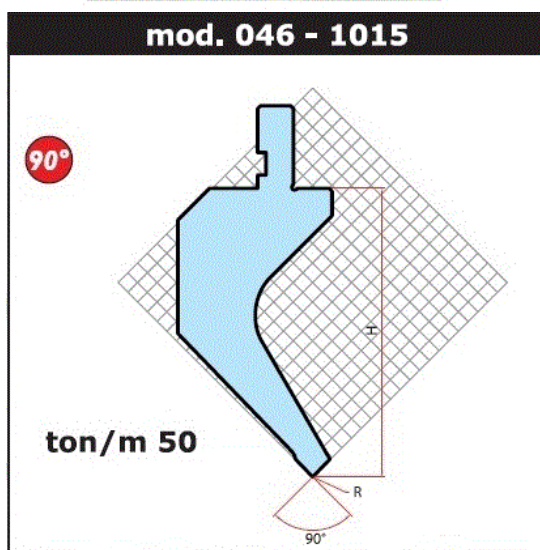
MOD.	R	H	HR
462	0,2	89,92	
462	0,6	89,4	
462	0,8	89,65	

MOD.	R	H	TH
462	0,2	89,92	
462	0,6	89,4	
462	0,8	89,65	

MOD.	R	H	IH
1014	0,2	89,92	
1014	0,8	89,65	



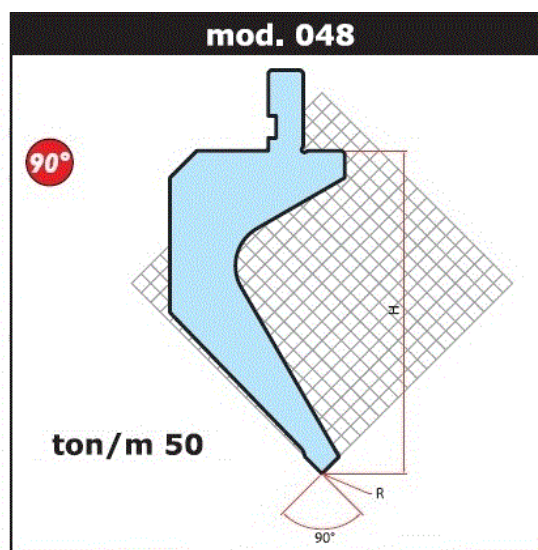
MOD.	R	H	TH
463	0,2	89,92	
463	0,6	89,4	
463	0,8	89,65	



MOD.	R	H	HR
046	0,2	104,92	
046	0,6	104,4	
046	0,8	104,65	

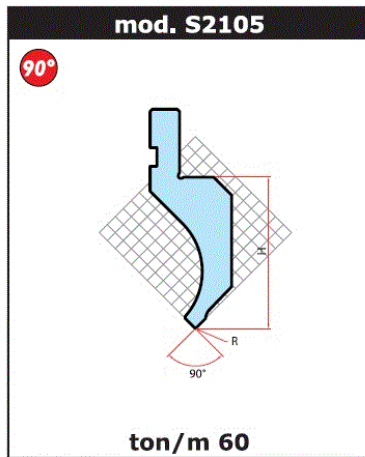
MOD.	R	H	TH
046	0,2	104,92	
046	0,6	104,4	
046	0,8	104,65	

MOD.	R	H	IH
1015	0,2	104,92	
1015	0,6	104,4	

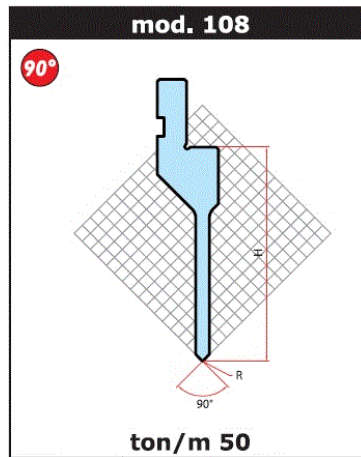


MOD.	R	H	HR
048	0,2	119,92	
048	0,6	119,4	
048	0,8	119,65	

MOD.	R	H	TH
048	0,2	119,92	
048	0,6	119,4	
048	0,8	119,65	

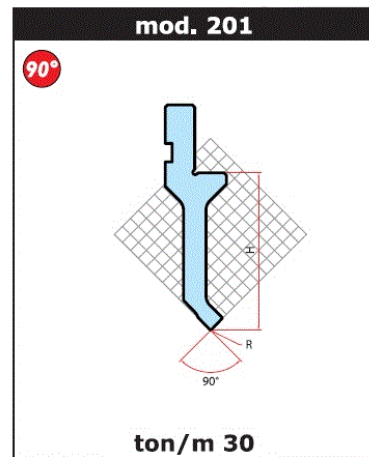


MOD.	R	H	HR
S2105	0,8	66,65	



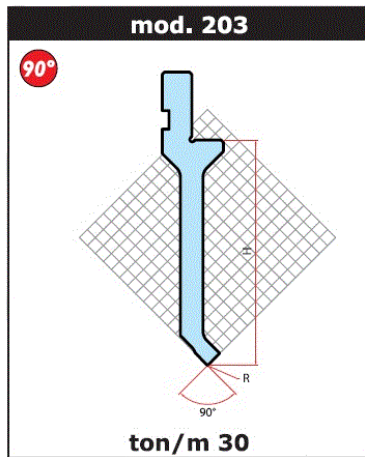
MOD.	R	H	HR
108	0,2	94,92	
108	0,6	94,4	
108	0,8	94,65	

MOD.	R	H	TH
108	0,2	94,92	
108	0,6	94,4	
108	0,8	94,65	



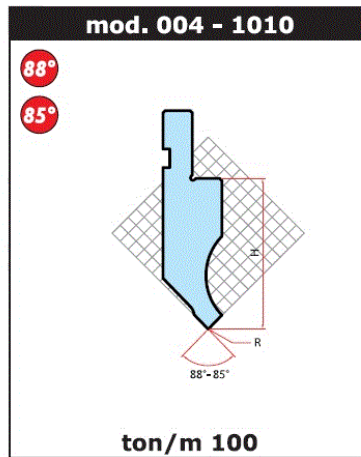
MOD.	R	H	HR
201	0,2	69,92	
201	0,6	69,4	
201	0,8	69,65	

MOD.	R	H	TH
201	0,2	69,92	
201	0,6	69,4	
201	0,8	69,65	



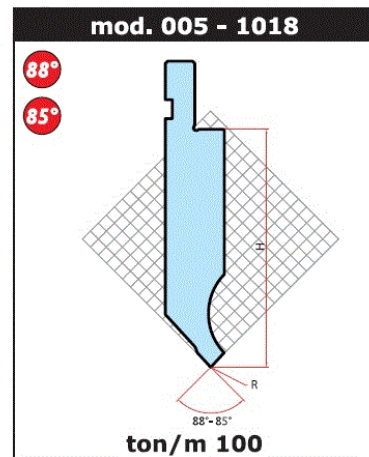
MOD.	R	H	HR
203	0,2	99,92	
203	0,6	99,4	
203	0,8	99,65	

MOD.	R	H	TH
203	0,2	99,92	
203	0,6	99,4	
203	0,8	99,65	



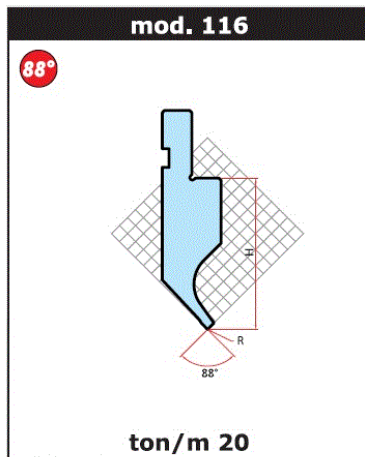
MOD.	R	H	HR	TH
004	0,2	66,91		
004	0,6	66,4		
004	0,8	66,65		
004	1,5	66,34		
004	3	65,68		

MOD.	R	H	IH
1010	0,2	66,91	
1010	0,8	66,65	
1010	1,5	66,34	
1010	3	65,68	

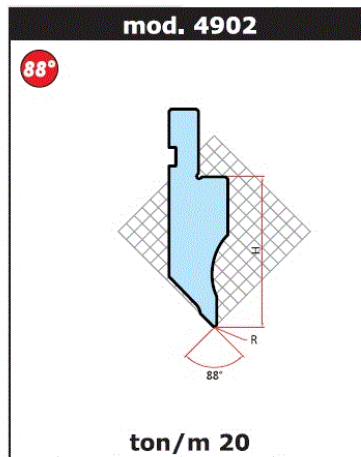


MOD.	R	H	HR	TH
005	0,2	104,91		
005	0,6	104,4		
005	0,8	104,65		
005	1,5	104,34		
005	3	103,68		

MOD.	R	H	IH
1018	0,2	104,91	
1018	0,8	104,65	
1018	1,5	104,34	
1018	3	103,68	

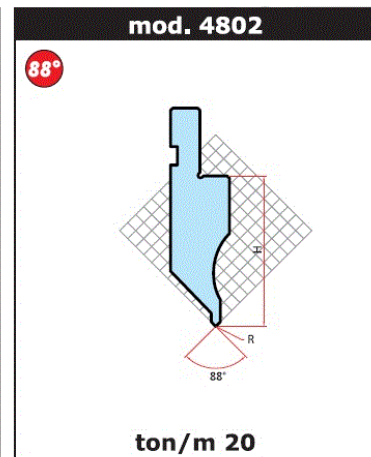


MOD.	R	H	TH
116	0,2	66,91	
116	0,6	66,4	
116	0,8	66,65	



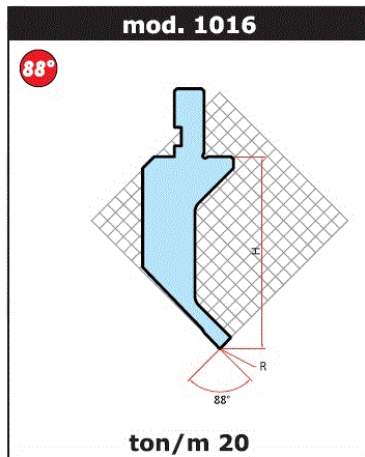
MOD.	R	H	HR
4902	0,2	66,92	
4902	0,6	66,4	
4902	0,8	66,65	

MOD.	R	H	TH
4902	0,2	66,92	
4902	0,6	66,4	
4902	0,8	66,65	

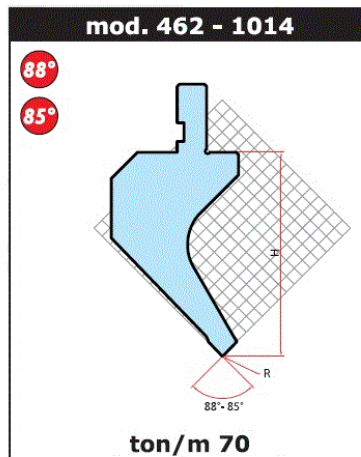


MOD.	R	H	HR
4802	0,2	66,91	
4802	0,6	66,4	
4802	0,8	66,65	

MOD.	R	H	TH
4802	0,2	66,91	
4802	0,6	66,4	
4802	0,8	66,65	

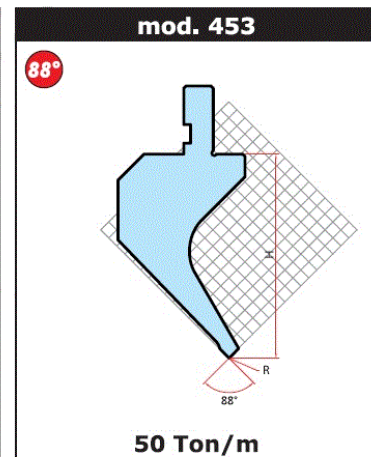


MOD.	R	H	TH
1016	0,2	84,31	
1016	0,6	84,15	
1016	0,8	84,05	



MOD.	R	H	HR	TH
462	0,2	89,91		
462	0,6	89,4		
462	0,8	89,65		
462	1,5	89,34		
462	3	88,68		

MOD.	R	H	IH
1014	0,2	89,91	
1014	0,8	89,65	
1014	1,5	89,34	
1014	3	88,68	

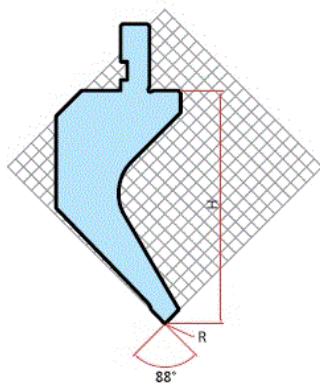


MOD.	R	H	TH
453	0,2	89,91	
453	0,6	89,4	
453	0,8	89,65	
453	1,5	89,34	
453	3	88,68	

mod. 045 - 1015

88°

85°



ton/m 50

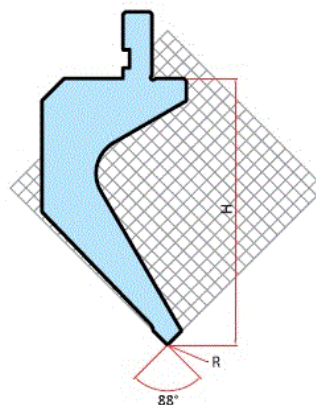
MOD.	R	H	HR	TH
045	0,2	104,91		
045	0,6	104,4		
045	0,8	104,65		
045	1,5	104,34		
045	3	103,68		

MOD.	R	H	IH
1015	0,2	104,91	
1015	0,8	104,65	
1015	1,5	104,34	
1015	3	103,68	

mod. 047

88°

85°



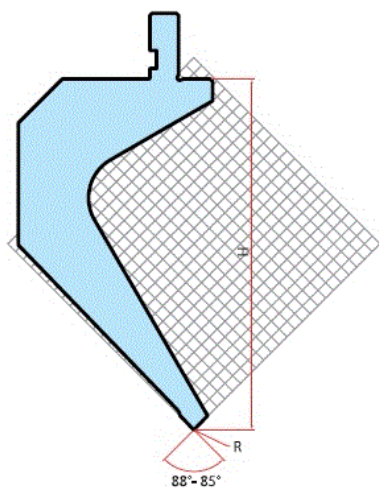
ton/m 50

MOD.	R	H	HR	TH
047	0,2	119,91		
047	0,6	119,4		
047	0,8	119,65		
047	1,5	119,34		
047	3	118,68		

mod. 472

88°

85°



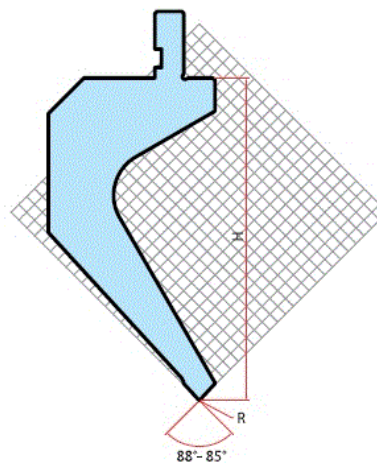
ton/m 50

MOD.	R	H	HR
472	0,6	159,4	
472	0,8	159,65	

mod. 473

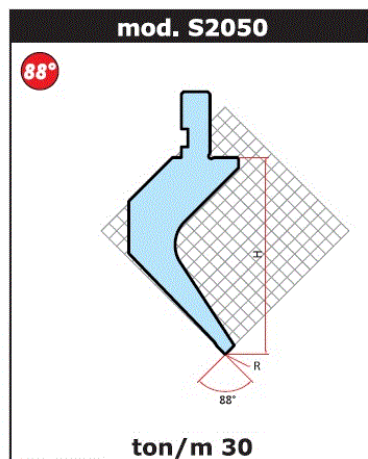
88°

85°

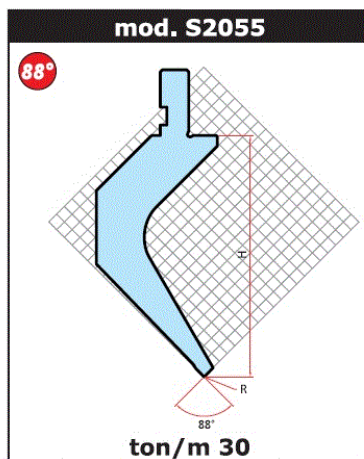


ton/m 50

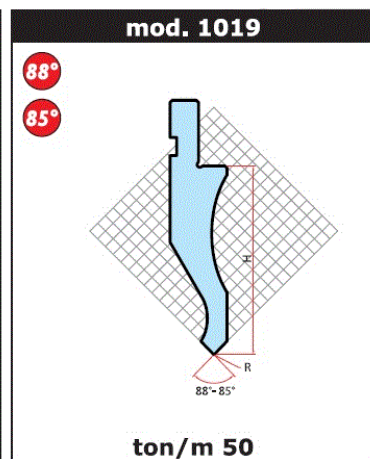
MOD.	R	H	HR
473	0,6	145	
473	0,8	145	



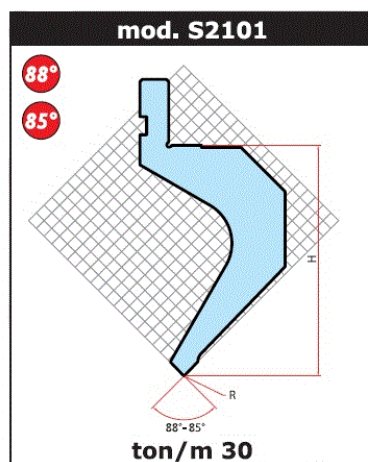
MOD.	R	H	HR
S2050	0,25	90	



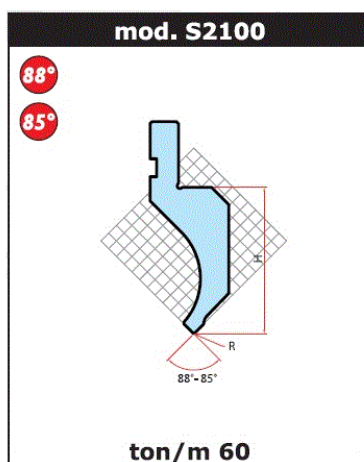
MOD.	R	H	HR
S2055	0,25	110	



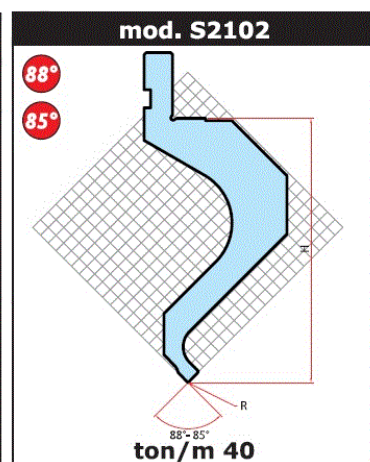
MOD.	R	H	IH
1019	0,8	86	



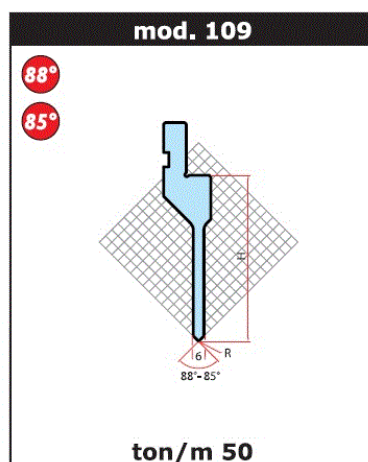
MOD.	R	H	HR
S2101	0,8	104,65	



MOD.	R	H	HR
S2100	0,8	66,65	

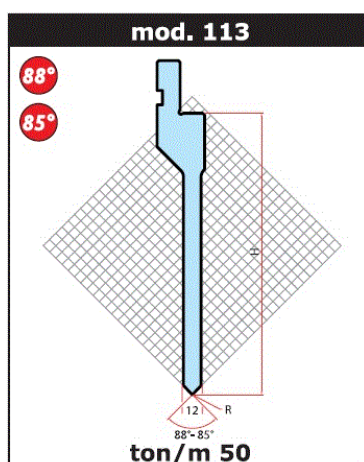


MOD.	R	H	HR
S2102	0,8	102	

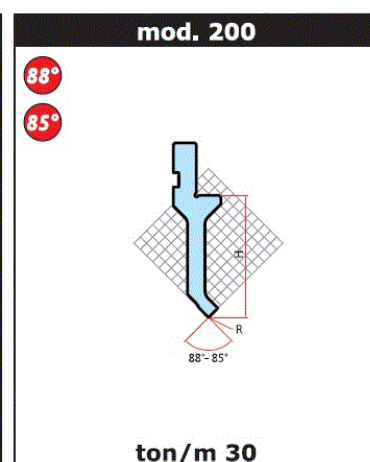


MOD.	R	H	HR
109	0,2	94,92	
109	0,6	94,4	
109	0,8	94,65	

MOD.	R	H	TH
109	0,2	94,92	
109	0,6	94,4	
109	0,8	94,65	

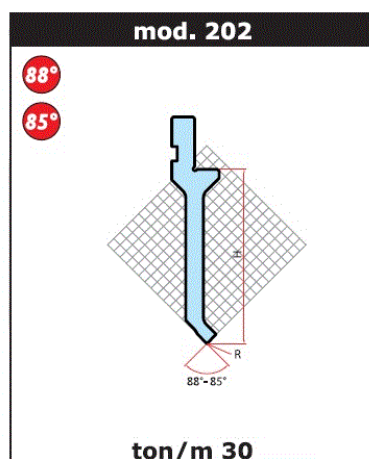


MOD.	R	H	HR
113	0,6	159,4	
113	0,8	159,65	



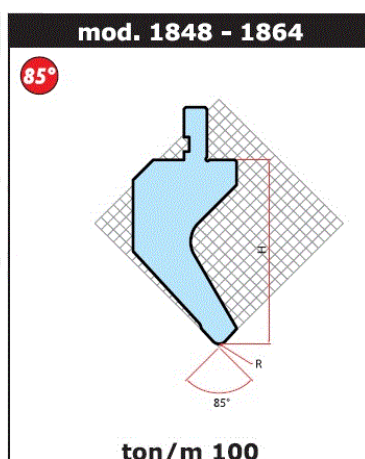
MOD.	R	H	HR
200	0,2	69,91	
200	0,6	69,4	
200	0,8	69,65	

MOD.	R	H	TH
200	0,2	69,91	
200	0,6	69,4	
200	0,8	69,65	



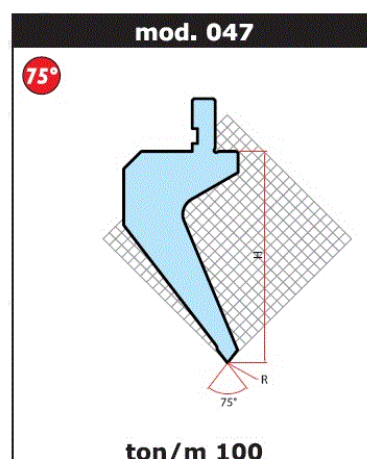
MOD.	R	H	HR
202	0,2	99,91	
202	0,6	99,4	
202	0,8	99,65	

MOD.	R	H	TH
202	0,2	99,91	
202	0,6	99,4	
202	0,8	99,65	

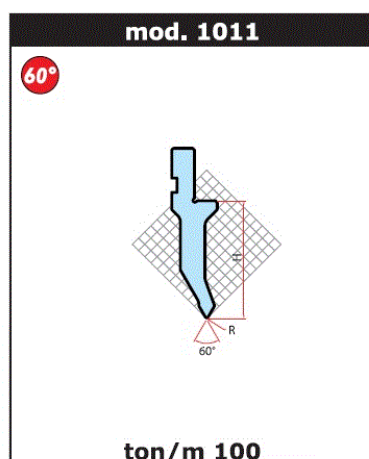


MOD.	R	H	HR
1848	4,8	105	
1864	6,4	104,33	

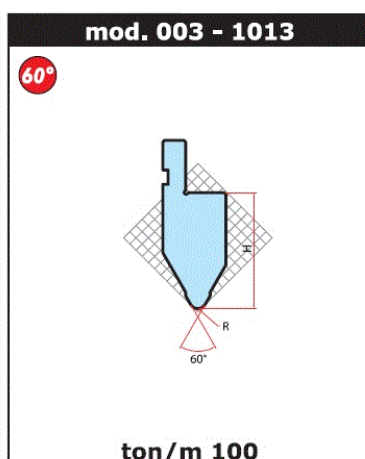
MOD.	R	H	HR
1864	6,4	104,33	



MOD.	R	H	HR
047	0,8	120	

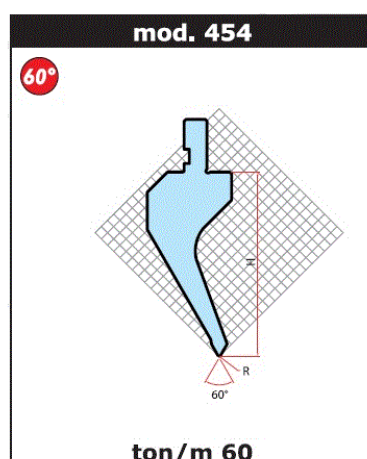


MOD.	R	H	IH
1011	0,8	67	
1011	2	65,8	

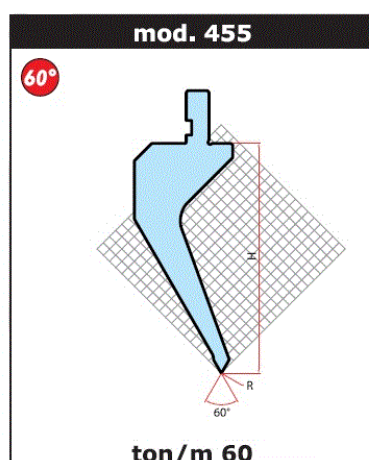


MOD.	R	H	HR
003	4,8	66,2	
003	6	65	

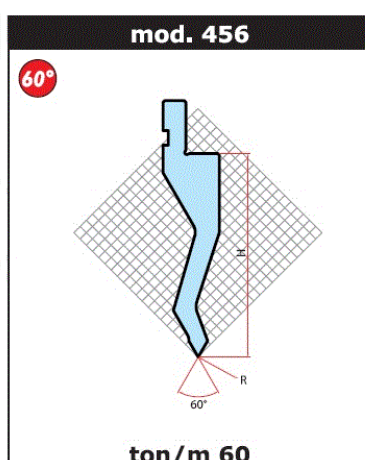
MOD.	R	H	IH
1013	6	65	



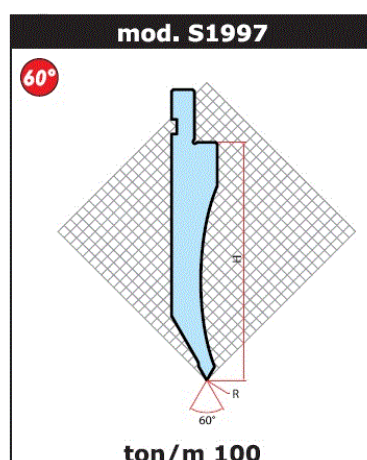
MOD.	R	H	HR
454	0,8	105	
454	2	103,8	



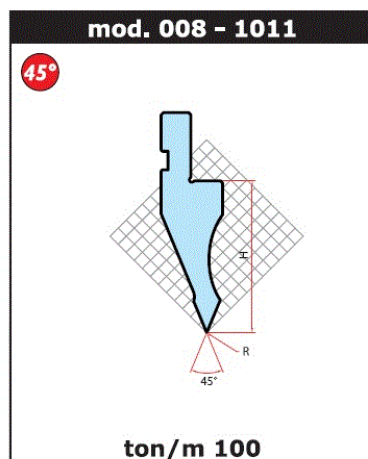
MOD.	R	H	HR
455	0,8	130	
455	2	128,8	



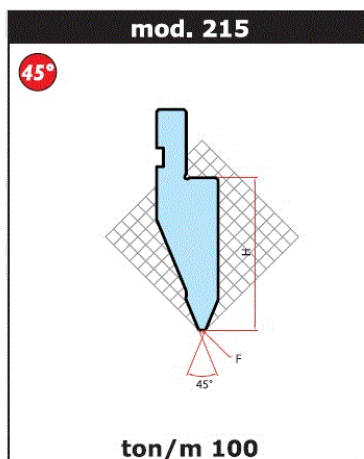
MOD.	R	H	HR
456	0,8	115	
456	2	113,8	



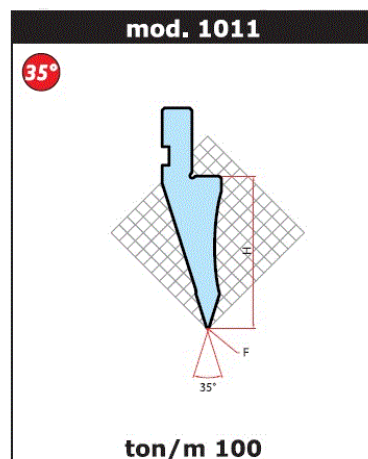
MOD.	R	H	HR
S1997	0,8	135	
S1997	2	133,8	



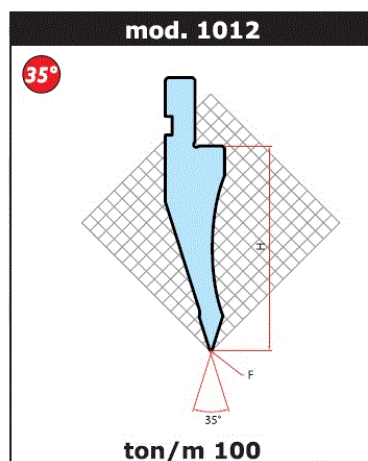
MOD.	R	H	HR
008	0,37	66,4	
MOD.	R	H	TH
008	0,37	66,4	
MOD.	R	H	IH
1011	1,5	65,2	



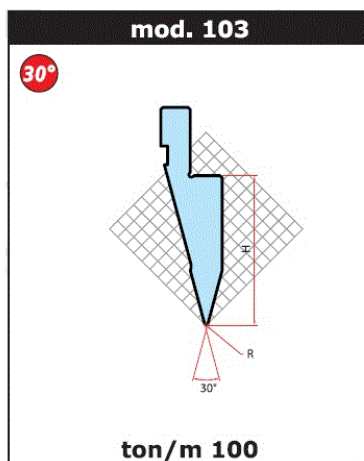
MOD.	F	H	HR
215	3	67	



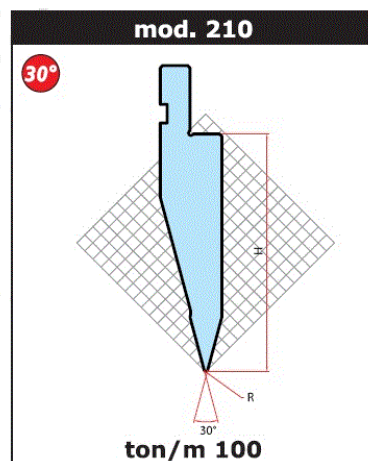
MOD.	F	H	IH
1011	0,8	67	



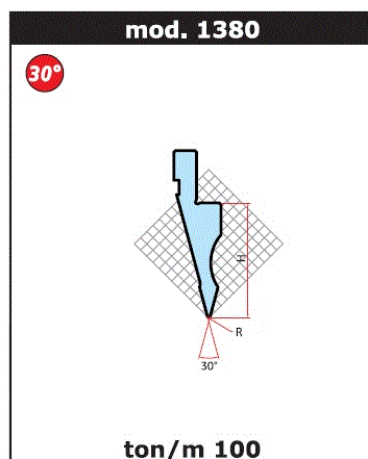
MOD.	F	H	HR
1012	0,8	90	
MOD.	F	H	IH
1012	0,8	90	



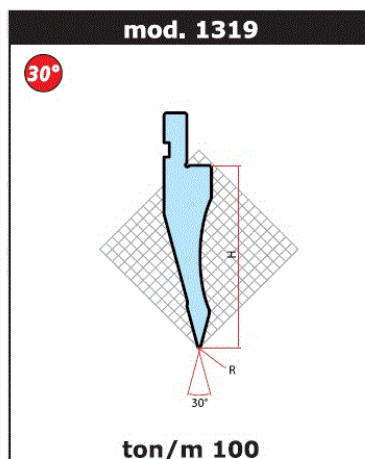
MOD.	R	H	HR
103	0,8	65,5	
MOD.	R	H	TH
103	0,8	65,5	



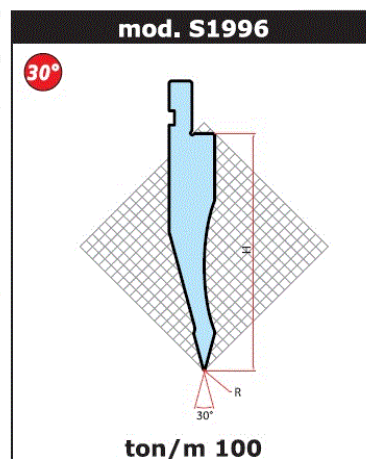
MOD.	R	H	HR
210	0,65	104	
210	0,8	104	
210	1,5	102	
210	3	97,7	
MOD.	R	H	TH
210	0,65	104	
210	0,8	104	
210	1,5	102	
210	3	97,7	



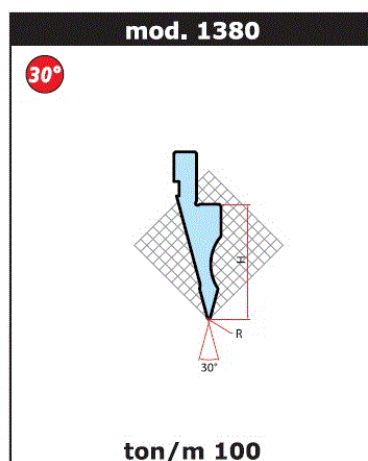
MOD.	R	H	HR
1380	0,8	65,5	
MOD.	R	H	TH
1380	0,8	65,5	



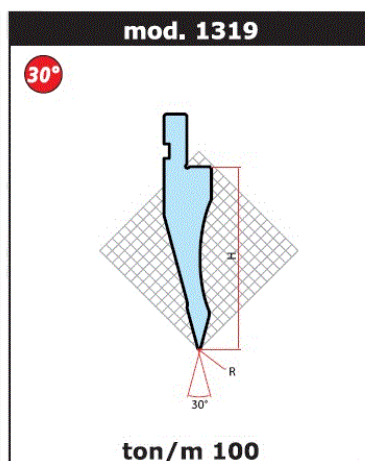
MOD.	R	H	HR
1319	0,8	104	
MOD.	R	H	TH
1319	0,8	104	



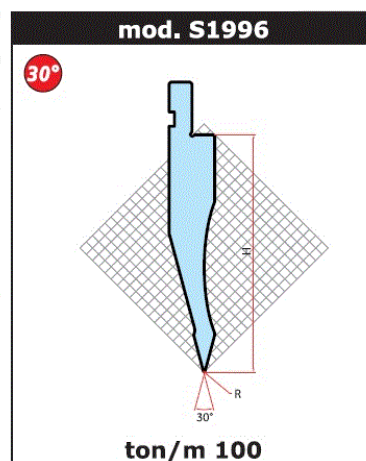
MOD.	R	H	HR
S1996	0,5	135	



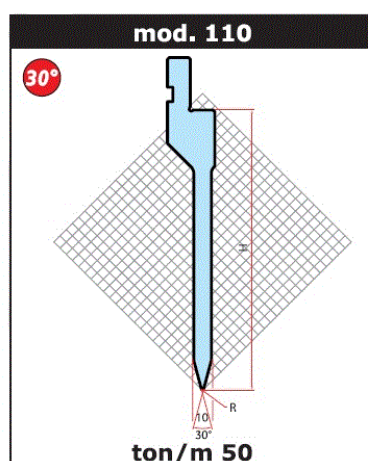
MOD.	R	H	HR
1380	0,8	65,5	
MOD.	R	H	TH
1380	0,8	65,5	



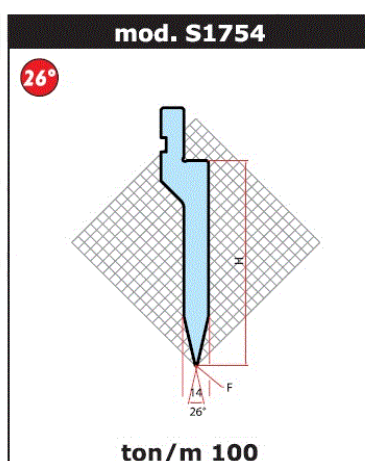
MOD.	R	H	HR
1319	0,8	104	
MOD.	R	H	TH
1319	0,8	104	



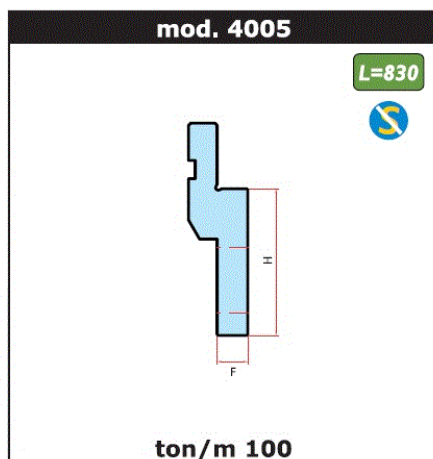
MOD.	R	H	HR
S1996	0,5	135	



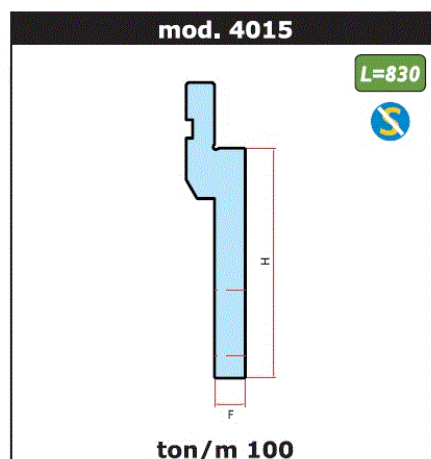
MOD.	R	H	HR
110	0,65	160	



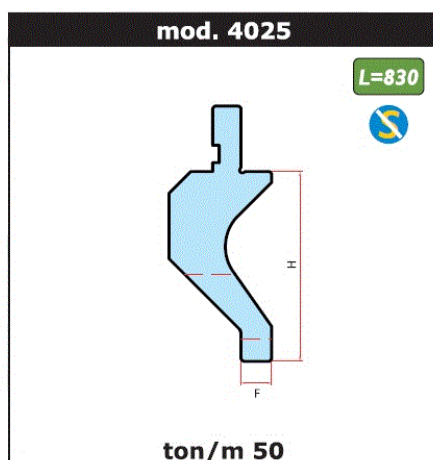
MOD.	F	H	IH
S1754	1	117	



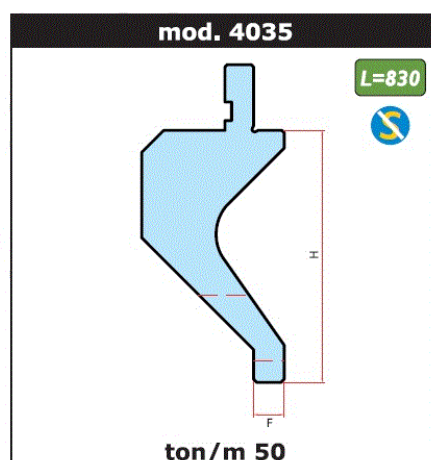
MOD.	F	H	IH
4005	14	67	



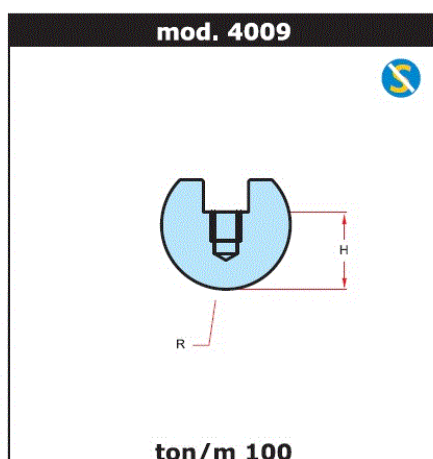
MOD.	F	H	IH
4015	14	105	



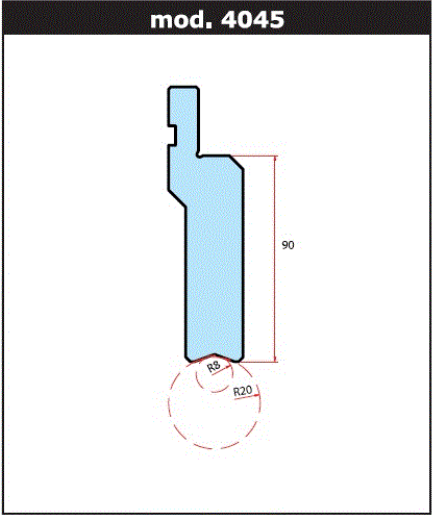
MOD.	F	H	IH
4025	14	87	



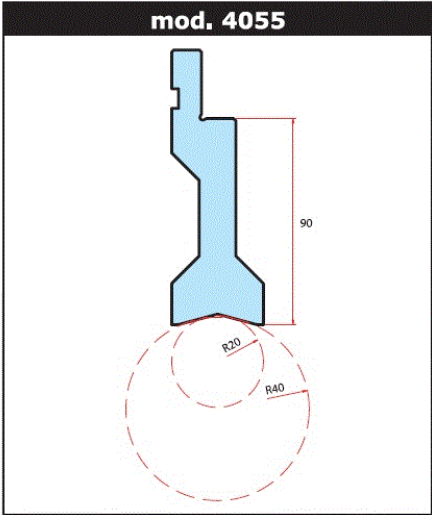
MOD.	F	H	IH
4035	14	115	



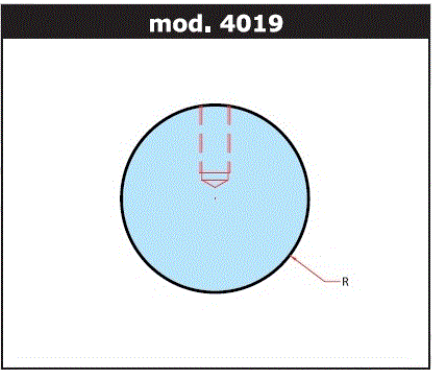
MOD.	R	H	IH
4009.D16	8	13	
4009.D20	10	16	
4009.D25	12,5	18	
4009.D30	15	20	
4009.D35	17,5	22	
4009.D40	20	24	
4009.D50	25	29	
4009.D60	30	34	
4009.D70	35	45	
4009.D80	40	45	
4009.D90	45	60	
4009.D100	50	70	



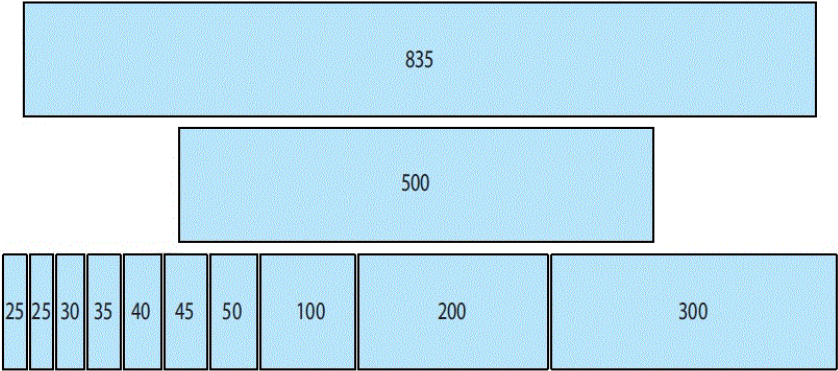
MOD.	IH
4045	

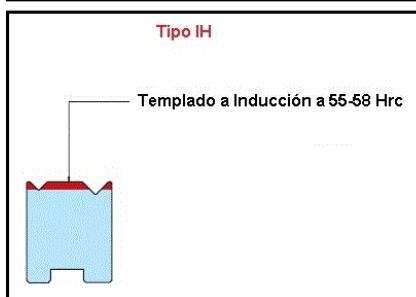
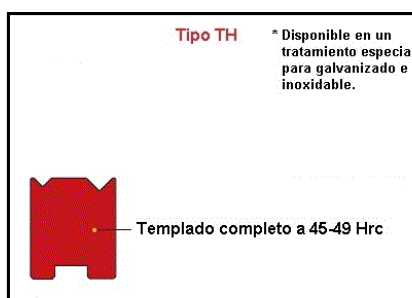
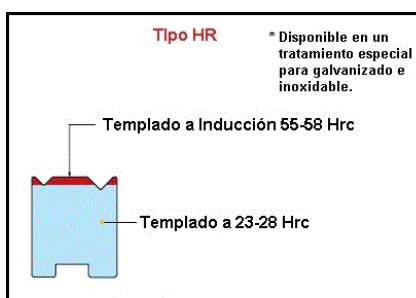
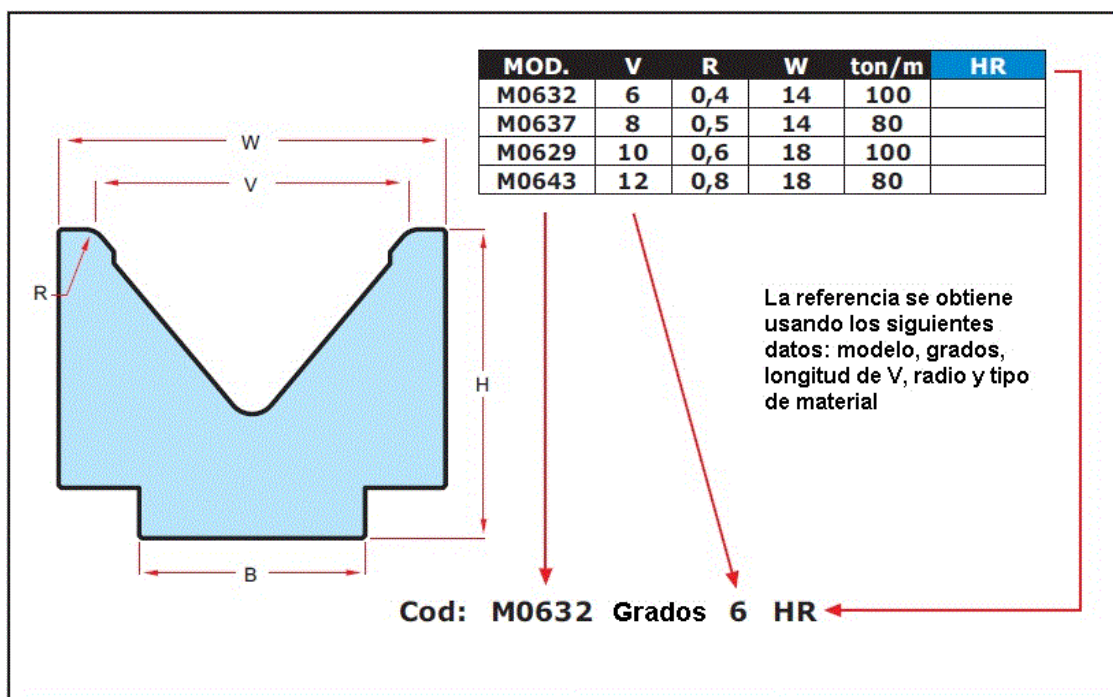


MOD.	IH
4055	



MOD.	IH
4019,D16	
4019,D20	
4019,D25	
4019,D30	
4019,D35	
4019,D40	
4019,D50	
4019,D60	
4019,D70	
4019,D80	





90°

Indica los grados del si hay varios valores significa que puede ofertarse con diferentes grados

L=830

Tiene una medida distinta a la estandar

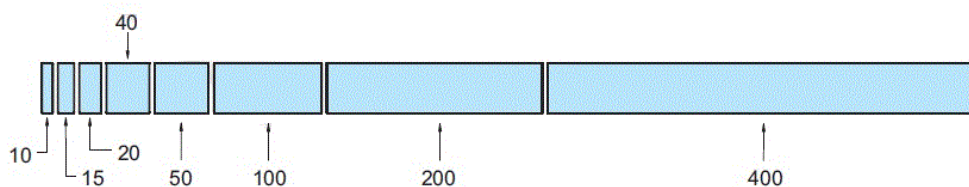


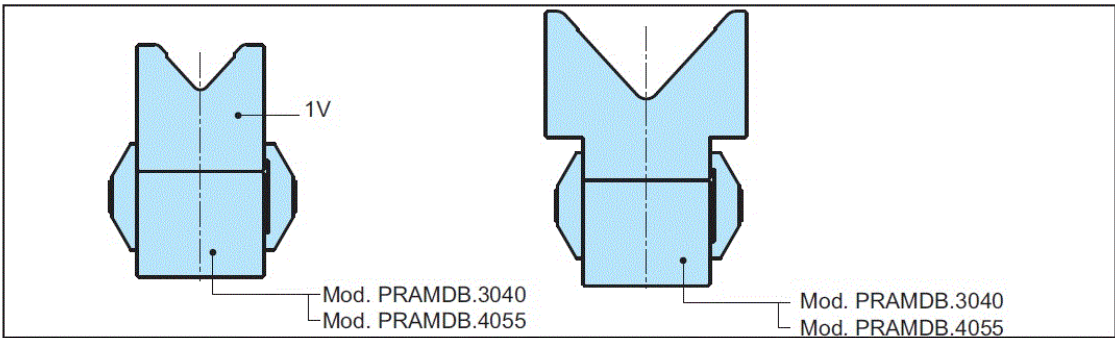
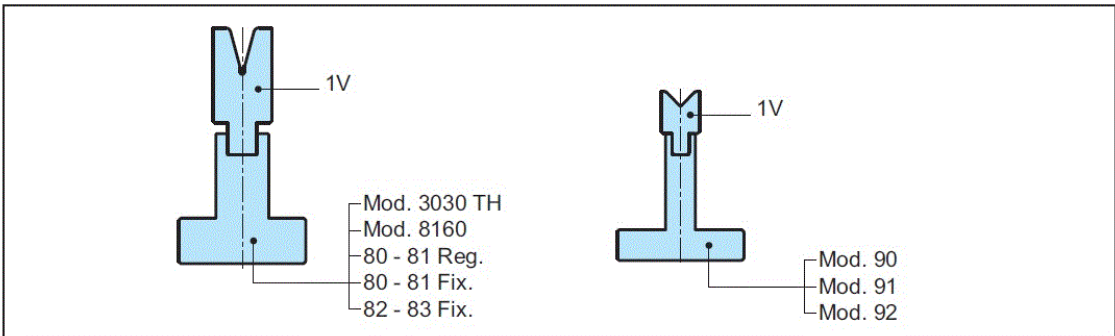
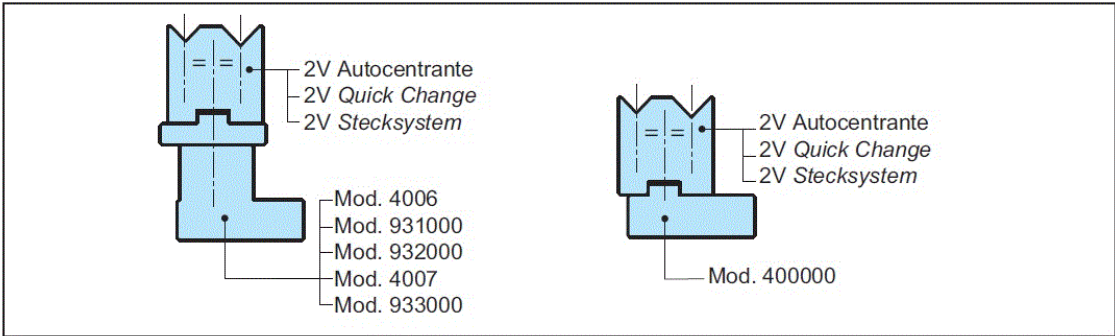
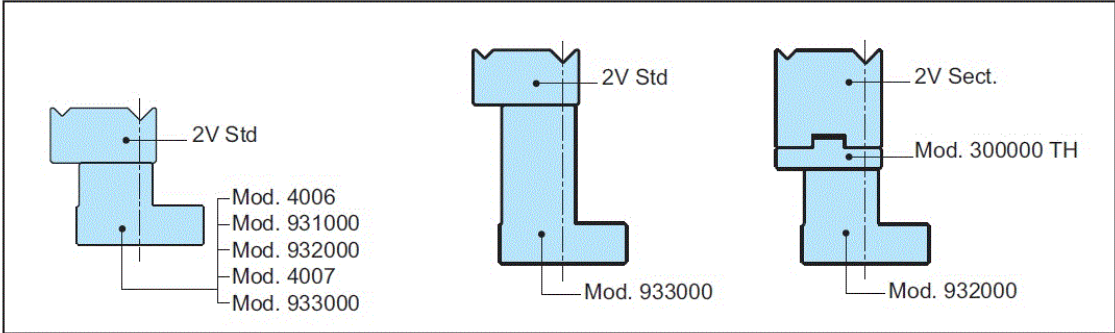
No puede ser seccionado con las medidas estandar

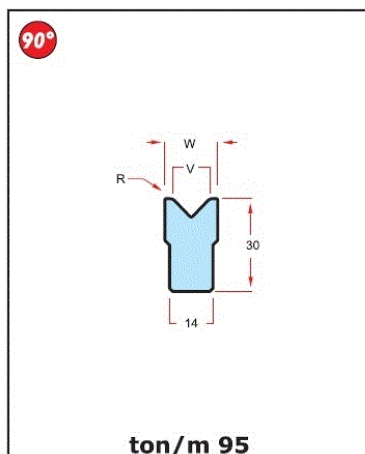


Contacte con nosotros para más información

Longitudes estandar: 835mm, 415mm, 835mm seccionados

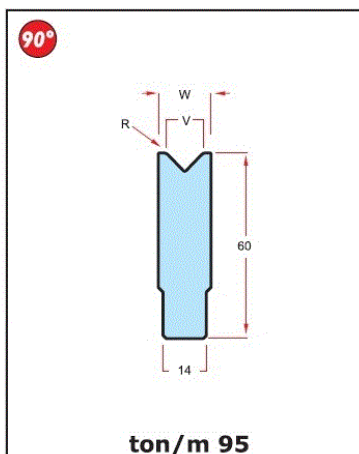






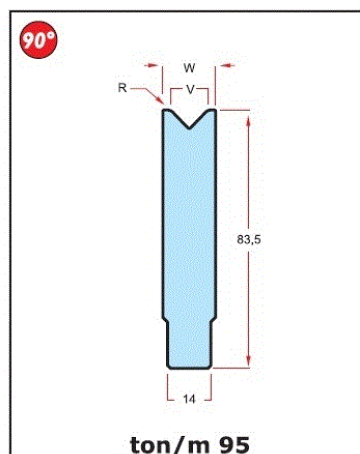
MOD.	V	R	W	HR	TH
2110	6	1,5	14		
2111	8	1,5	14		
2112	10	2,0	14		
2113	12	2,5	17		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150 - 3030



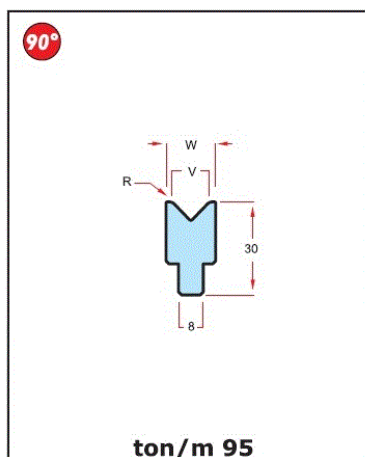
MOD.	V	R	W	HR	TH
70	6	1,5	14		
71	8	1,5	14		
73	10	2,0	15		
75	12	2,5	17		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150 - 3030



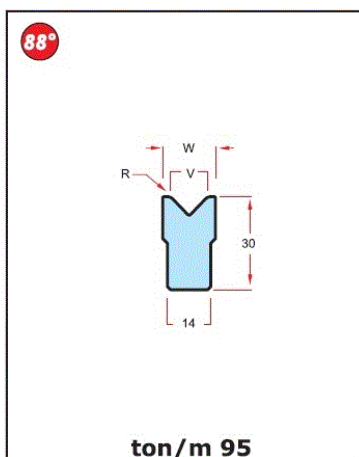
MOD.	V	R	W	HR	TH
2100	6	1,5	14		
2101	8	1,5	14		
2102	10	2,0	14		
2103	12	2,5	17		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150 - 3030



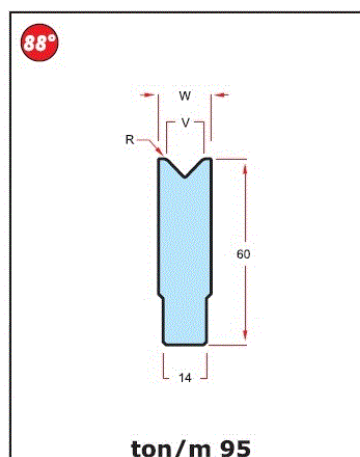
MOD.	V	R	W	HR	TH
420	6	1,5	14		
421	8	1,5	14		
422	10	2,0	16		
423	12	2,5	16		

Para soporte:
Mod: 90 - 91 - 92



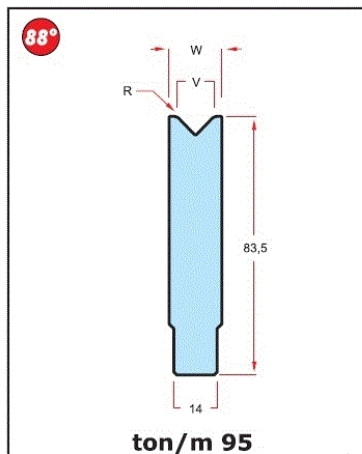
MOD.	V	R	W	HR	TH
2114	10	2,0	14		
2115	12	2,5	17		
2116	14	2,5	18		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150 - 3030



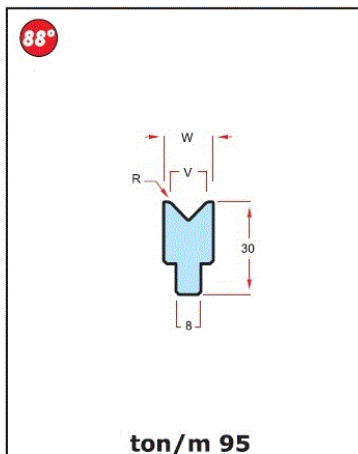
MOD.	V	R	W	HR	TH
70	6	1,5	14		
71	8	1,5	14		
73	10	2,0	15		
75	12	2,5	17		
76	14	2,5	18		
77	16	2,5	21		
78	18	3,0	23		
79	20	3,0	25		
82	25	3,0	30		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150 - 3030



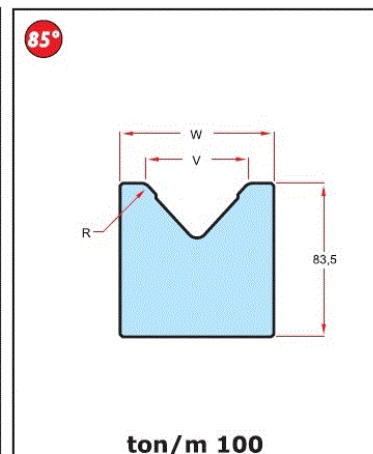
MOD.	V	R	W	HR	TH
2104	12	2,5	17		
2105	14	2,5	18		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150

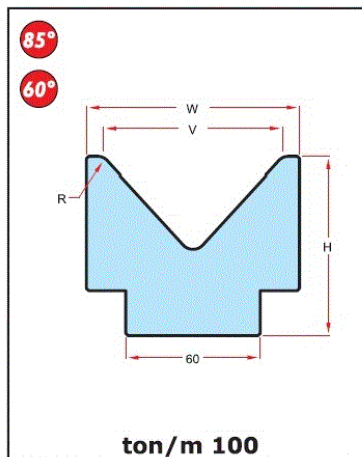


MOD.	V	R	W	HR	TH
420	6	1,5	14		
421	8	1,5	14		
422	10	2,0	14		
423	12	2,5	16		
424	14	2,5	18		

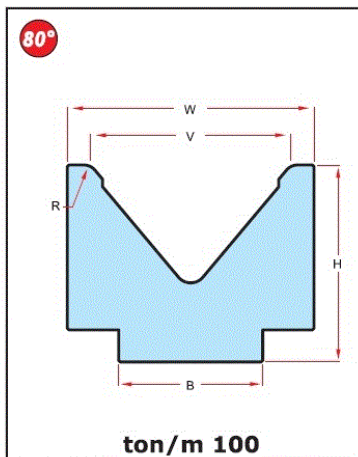
Para soporte:
Mod: 90 - 91 - 92



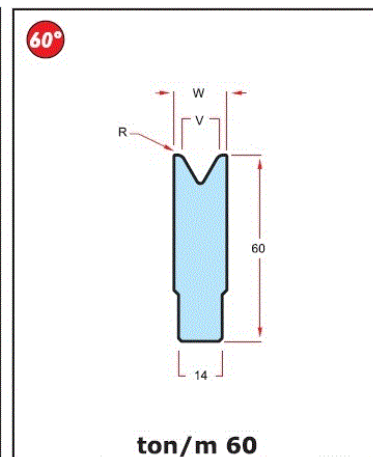
MOD.	V	R	IH
2011.32	32	4	
2011.40	40	4	
2011.50	50	4	



MOD.	A	V	R	W	H	IH
2011.63	85°	63	5	80	75	
2011.80	85°	80	6	95	95	
2011.80	60°	80	6	115	115	

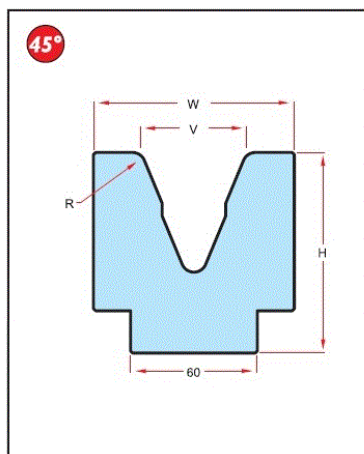


MOD.	V	B	R	W	H	IH
2011.100	100	60	7	120	110	
2011.125	125	90	9	153	123	
2011.160	160	120	11	185	130	

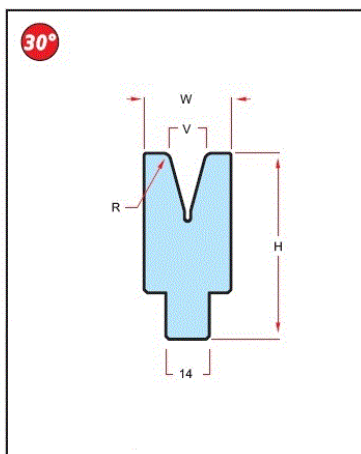


MOD.	V	R	W	HR	TH
70	6	1,5	14		
71	8	1,5	14		
73	10	2,0	15		
75	12	2,5	17		
76	14	2,5	18		
77	16	2,5	24		
79	20	3,0	30		
82	25	3,0	33		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150

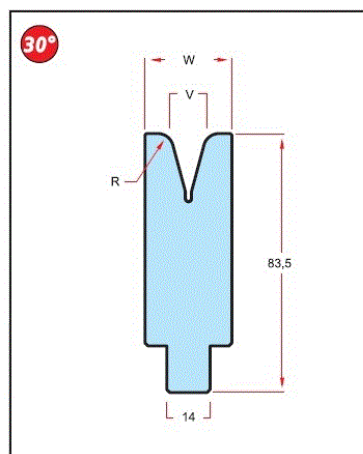


MOD.	V	R	W	H	ton/m	IH
342	32	5	60	60	40	
343	40	5	80	80	70	
344	50	6	95	95	70	
S630	63	8	105	105	90	



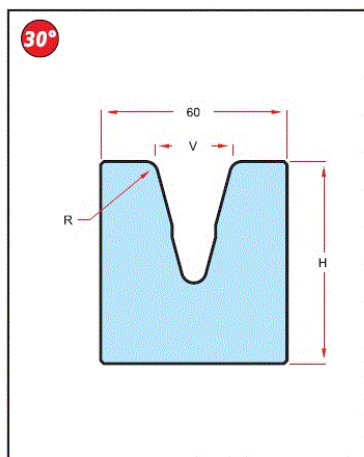
MOD.	H	V	R	W	ton/m	HR	TH
70	60	6	1,0	16	35		
71	60	8	1,0	19	35		
73	60	10	2,0	24	60		
75	60	12	2,5	28	60		
77	60	16	3	33	60		
79	80	20	4	40	60		
82	80	25	4	42	60		

Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150

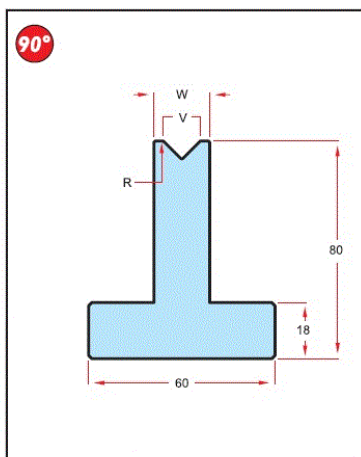


MOD.	V	R	W	ton/m	HR	TH
2200	6	3,0	16	35		
2201	8	3,0	19	35		
2202	10	3,0	24	50		
2203	12	5,0	28	50		
2204	14	5,0	32	50		
2205	16	5,0	36	50		

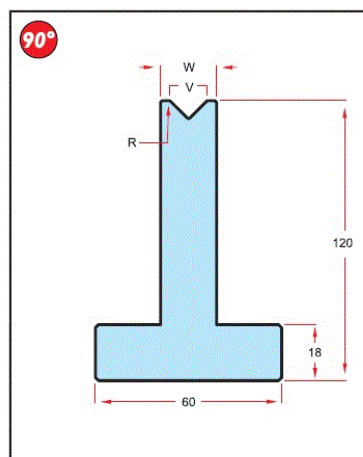
Para soporte:
Mod: 80 Reg. / 81 Reg. - 82 / 83 - 8150



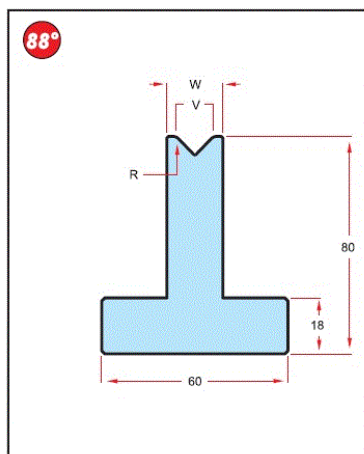
MOD.	V	R	H	ton/m	HR
340	18	3,0	60	80	
341	25	4,0	65	60	



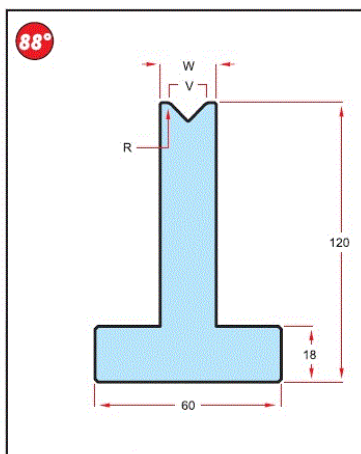
MOD.	V	R	W	ton/m	HR
M0632	6	0,4	14	100	
M0637	8	0,5	14	80	
M0629	10	0,6	18	100	
M0643	12	0,8	18	80	



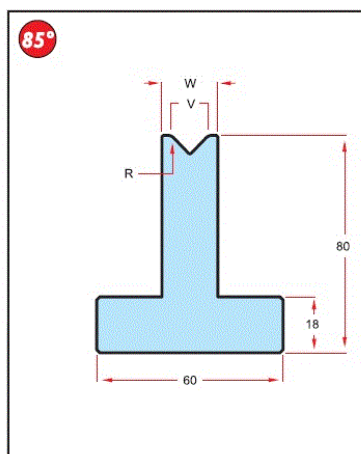
MOD.	V	R	W	ton/m	HR
S1100	6	0,4	14	100	
S1101	8	0,5	14	80	
S1102	10	0,6	18	100	
S1103	12	0,8	18	80	



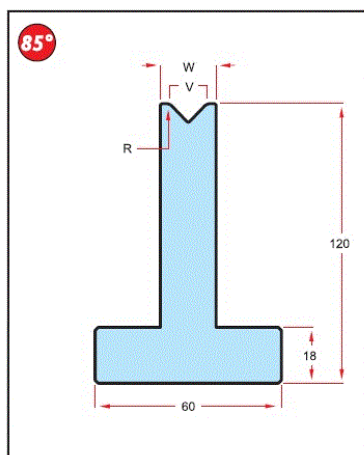
MOD.	V	R	W	ton/m	HR
M0670	6	0,4	14	100	
M0671	8	0,5	14	80	
M0672	10	0,6	18	100	
M0673	12	2,75	18	80	
M0648	16	2,75	24	100	
M0674	20	3,0	30	100	
M0675	25	3,0	35	100	



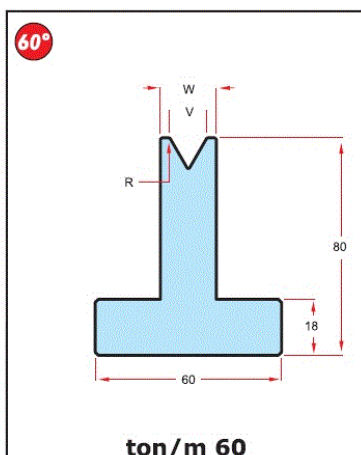
MOD.	V	R	W	ton/m	HR
S1105	6	0,4	14	100	
S1106	8	0,5	14	80	
S1107	10	0,6	18	100	
S1108	12	2,75	18	80	
S1109	16	2,75	24	100	
S1110	20	3,0	30	100	
S1111	25	3,0	35	100	



MOD.	V	R	W	ton/m	HR
M0770	6	1,5	14	100	
M0771	8	1,5	14	80	
M0772	10	2,0	18	100	
M0773	12	2,75	18	80	
M0748	16	2,75	24	100	
M0774	20	3,0	30	100	
M0775	25	3,0	35	100	

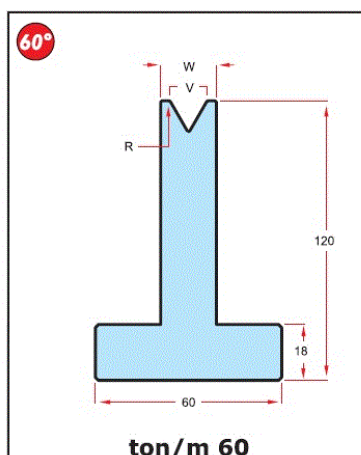


MOD.	V	R	W	ton/m	HR
S1205	6	1,5	14	100	
S1206	8	1,5	14	80	
S1207	10	2,0	18	100	
S1208	12	2,75	18	80	
S1209	16	2,75	24	100	
S1210	20	3,0	30	100	
S1211	25	3,0	35	100	



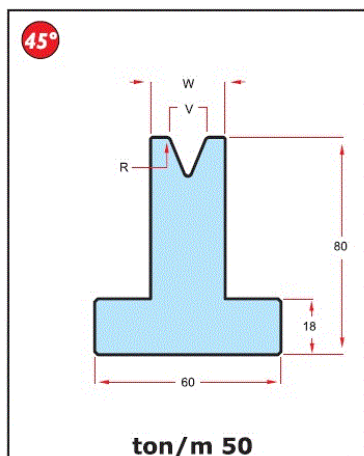
ton/m 60

MOD.	V	R	W	HR
M0650	6	0,4	14	
M0651	8	0,5	14	
M0652	10	0,6	18	
M0653	12	0,8	18	
M0647	16	3,0	24	
M0654	20	3,0	30	
M0655	25	3,0	35	

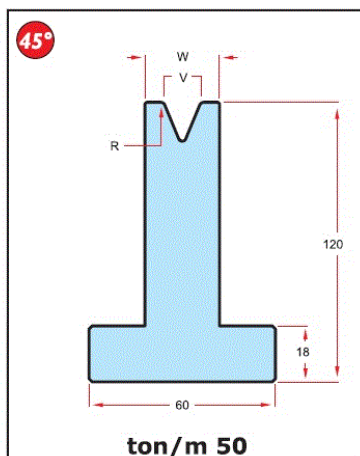


ton/m 60

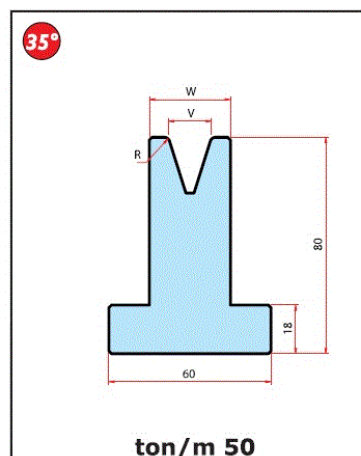
MOD.	V	R	W	HR
S1113	6	0,4	14	
S1114	8	0,5	14	
S1115	10	0,6	18	
S1116	12	0,8	18	
S1117	16	3,0	24	
S1118	20	3,0	30	
S1119	25	3,0	35	



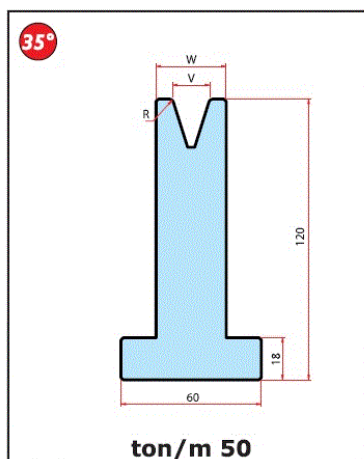
MOD.	V	R	W	HR
M1070	6	0,6	14	
M1071	8	0,8	18	
M1072	10	1,0	18	
M1073	12	1,5	24	
M1074	16	2,0	24	
M1075	20	2,5	30	
M1076	25	3,0	35	



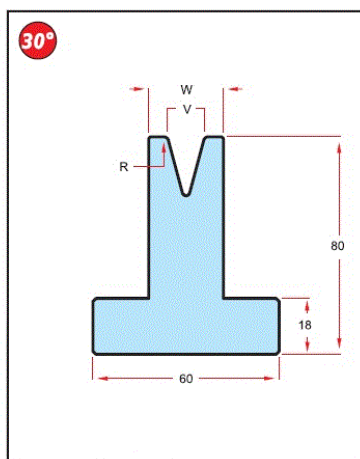
MOD.	V	R	W	HR
S1121	6	0,6	14	
S1122	8	0,8	18	
S1123	10	1,0	18	
S1124	12	1,5	24	
S1125	16	2,0	24	
S1126	20	2,5	30	
S1127	25	3,0	35	



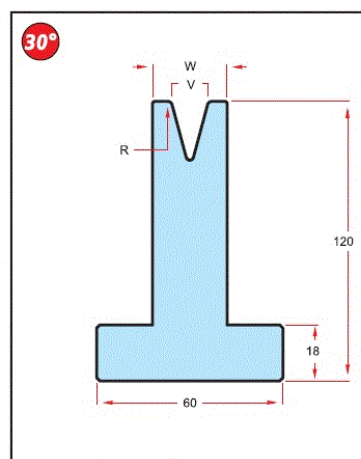
MOD.	V	R	W	HR
M0727	6	0,6	14	
M0728	8	0,8	14	
M0729	10	1,0	18	
M0730	12	1,5	18	
M0731	16	2,0	30	
M0732	20	2,5	35	
M0733	25	3,0	40	



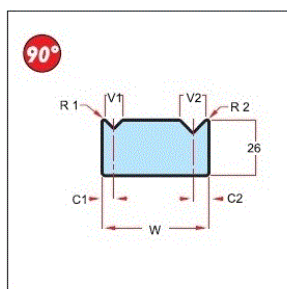
MOD.	V	R	W	HR
S1727	6	0,6	14	
S1728	8	0,8	14	
S1729	10	1,0	18	
S1730	12	1,5	18	
S1731	16	2,0	30	
S1732	20	2,5	35	
S1733	25	3,0	40	



MOD.	V	R	W	ton/m	HR
M1080	6	0,6	14	35	
M1081	8	0,8	18	35	
M1082	10	1,0	24	50	
M1083	12	1,5	24	40	
M1084	16	2,0	30	45	
M1085	20	2,5	35	50	
M1086	25	3,0	40	50	

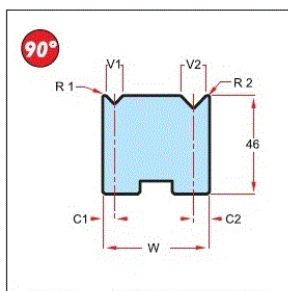


MOD.	V	R	W	ton/m	HR
S1129	6	0,6	14	35	
S1130	8	0,8	18	35	
S1131	10	1,0	24	50	
S1132	12	1,5	24	40	
S1133	16	2,0	30	45	
S1134	20	2,5	35	50	
S1135	25	3,0	40	50	



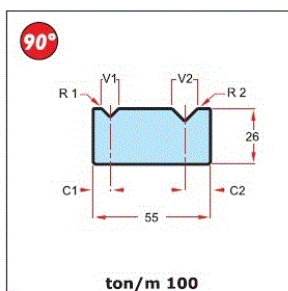
MOD.	V1	V2	R1	R2	C1	C2	W	ton/m	HR	TH
121	4	7	0,4	0,4	3,5	5,0	50	60		
123	6	10	0,4	0,6	4,5	6,5	50	70		
124	8	12	0,5	0,8	5,5	7,5	50	80		
125	14	18	0,5	0,5	8,5	10,5	50	100		
311	6	10	1,5	2,5	6,0	10,0	50	80		

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933



MOD.	V1	V2	R1	R2	C1	C2	W	ton/m	HR	TH
30140	4	7	0,4	0,4	3,5	5,0	50	60		
30240	6	10	0,4	0,6	4,5	6,5	50	70		
30340	8	12	0,5	0,8	5,5	7,5	50	80		
30440	14	18	0,5	0,5	8,5	10,5	50	100		
31146	6	10	1,5	2,5	6,0	10,0	50	80		

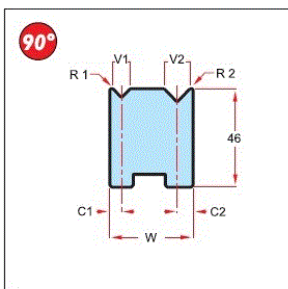
Para soporte: Mod. 931000
Guia: Mod. 300000



MOD.	V1	V2	R1	R2	C1	C2	IH
2012	6	10	0,4	0,6	6,0	10	
2013	8	12	0,5	0,8	8,0	10	

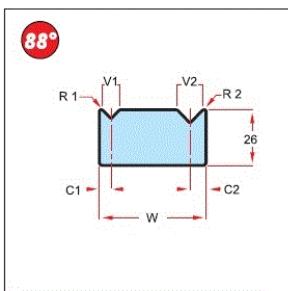
Para soporte: Mod. 4006 / 4007 -931 / 932 / 933

ton/m 100



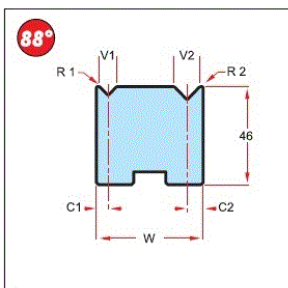
MOD.	V1	V2	R1	R2	C1	C2	W	ton/m	HR	TH
501	4	7	0,4	0,4	3,5	5,0	34,5	60		
502	6	10	0,4	0,6	4,5	6,5	37	70		
503	8	12	0,5	0,8	5,5	7,5	39	80		
504	14	18	0,5	0,5	8,5	10,5	45	100		
511	6	10	1,5	2,5	6,0	10,0	40	80		

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933



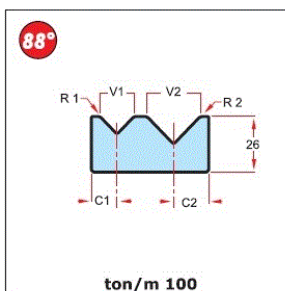
MOD.	V1	V2	R1	R2	C1	C2	W	ton/m	HR	TH
121	4	7	0,4	0,4	3,5	5,0	50	60		
123	6	10	0,4	0,6	4,5	6,5	50	70		
124	8	12	0,5	0,8	5,5	7,5	50	80		
125	14	18	0,5	0,5	8,5	10,5	50	100		
126	12	20	0,5	0,5	7,5	12,0	50	100		
127	16	25	0,8	0,8	9,5	14,5	50	100		
311	6	10	1,5	2,5	6,0	10,0	55	80		
314	12	20	3,0	4,0	10,0	15,0	55	100		

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933



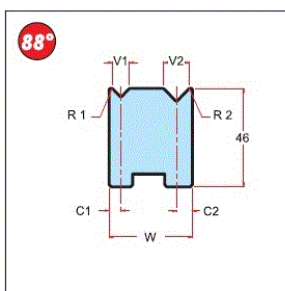
MOD.	V1	V2	R1	R2	C1	C2	W	ton/m	HR	TH
30140	4	7	0,4	0,4	3,5	5,0	50	60		
30240	6	10	0,4	0,6	4,5	6,5	50	70		
30340	8	12	0,5	0,8	5,5	7,5	50	80		
30440	14	18	0,5	0,5	8,5	10,5	50	100		
30540	12	20	0,5	0,5	7,5	12,0	50	100		
30640	16	25	0,8	0,8	9,5	14,5	50	100		
31146	6	10	1,5	2,5	6,0	10,0	55	80		
31440	12	20	3,0	4,0	10,0	15,0	55	100		

Para soporte: Mod. 931000
Guia: Mod. 300000



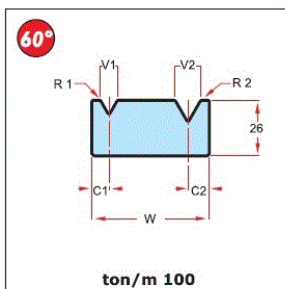
MOD.	V1	V2	R1	R2	C1	C2	IH
2014	12	20	2,75	3,0	10,0	15	
2015	16	25	2,75	3,0	12,0	16,5	

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933



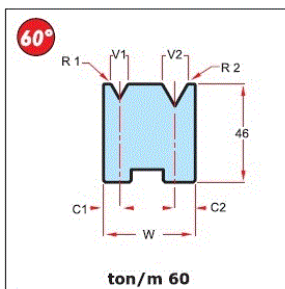
MOD.	V1	V2	R1	R2	C1	C2	W	ton/m	HR	TH
501	4	7	0,4	0,4	3,5	5,0	34,5	60		
502	6	10	0,4	0,6	4,5	6,5	37	70		
503	8	12	0,5	0,8	5,5	7,5	39	80		
504	14	18	0,5	0,5	8,5	10,5	45	100		
505	12	20	0,5	0,5	7,5	12,0	45,5	100		
506	16	25	0,8	0,8	9,5	14,5	50	100		
507	6	10	1,5	2,5	6,0	10,0	40	80		
508	12	20	3,0	4,0	10,0	15,0	50	100		

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933
Guia: Mod. 300000



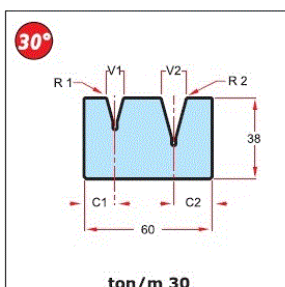
MOD.	V1	V2	R1	R2	C1	C2	W	IH
2012	6	10	0,4	0,6	6	10	41	
2013	8	12	0,5	0,8	8	10	43	
2014	16	20	1,6	2,0	12	15	55	

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933



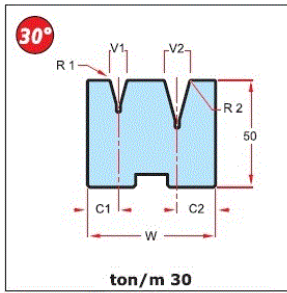
MOD.	V1	V2	R1	R2	C1	C2	W	HR	TH
502	6	10	0,6	1,0	6,5	8,5	41		
503	8	12	0,8	1,2	7,5	9,5	43		
506	16	25	1,6	2,5	12,0	17,0	55		

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933
Guia: Mod. 300000



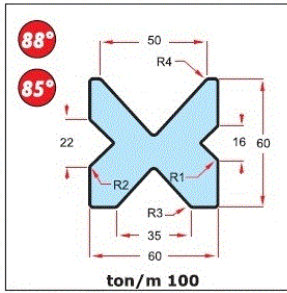
MOD.	V1	V2	R1	R2	C1	C2	IH
337	8	12	1,0	1,0	14,5	18	

Para soporte: Mod. 4006 / 4007 -931 / 932 / 933
Guia: Mod. 300000

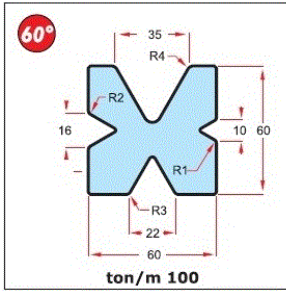


MOD.	V1	V2	R1	R2	C1	C2	W	HR	TH
33756	6	10	1,0	1,0	9,0	15,0	50		
33758	8	12	1,0	1,0	14,5	18,0	58,5		

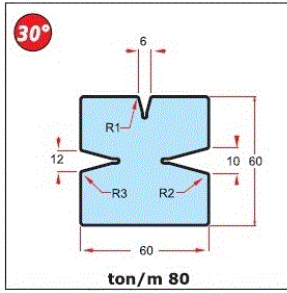
Para soporte: Mod. 4006 / 4007 -931 / 932 / 933
 Guia: Mod. 300000



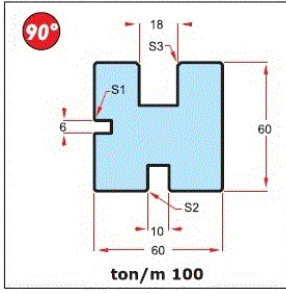
MOD.	A	R1	R2	R3	R4	IH
2009	88-85	0,5	0,5	2,0	2,0	
2009.85	85	2,0	2,0	2,0	3,0	



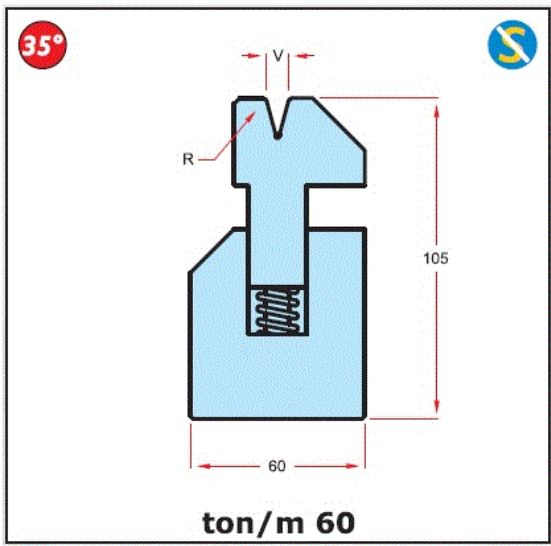
MOD.	A	R1	R2	R3	R4	IH
2421	60	1,5	2,0	2,5	3,0	



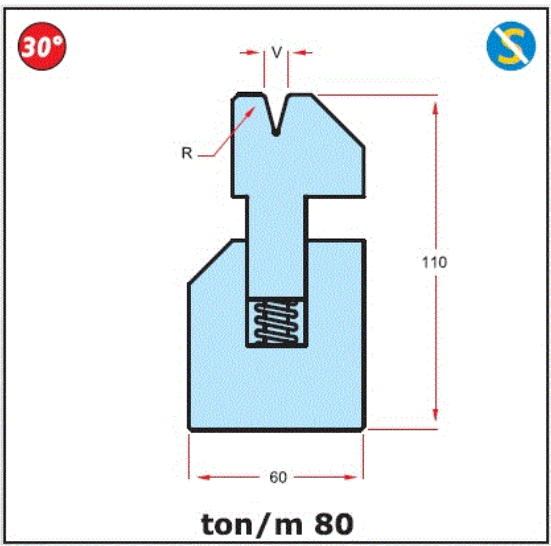
MOD.	A	R1	R2	R3	IH
2410	30	1,0	1,0	1,0	



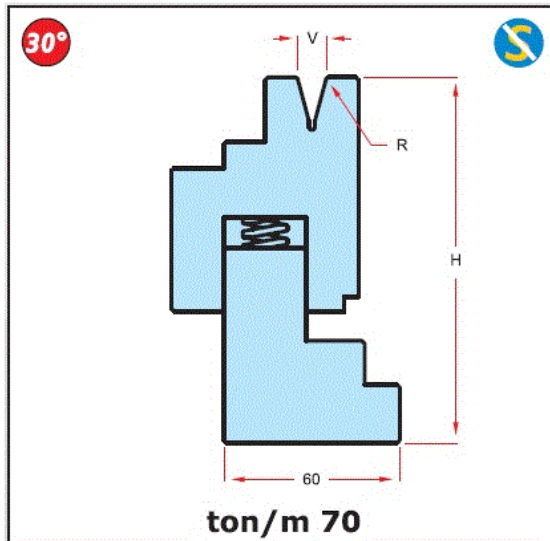
MOD.	A	S1	S2	S3	IH
2008	90	0,5	1,0	1,5	



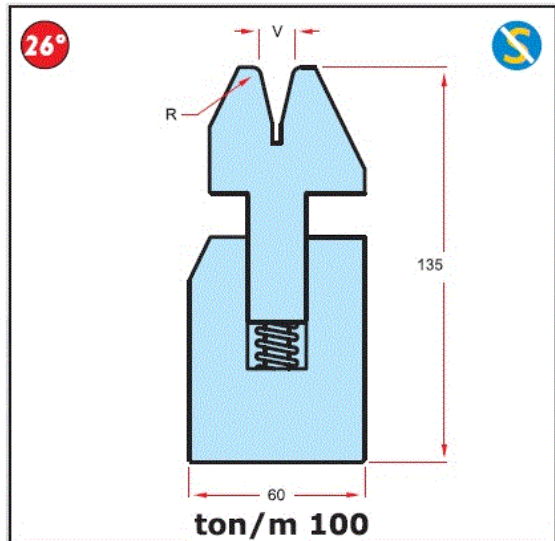
MOD.	V	R	HR
3001P	6	1	
3001P	8	2	



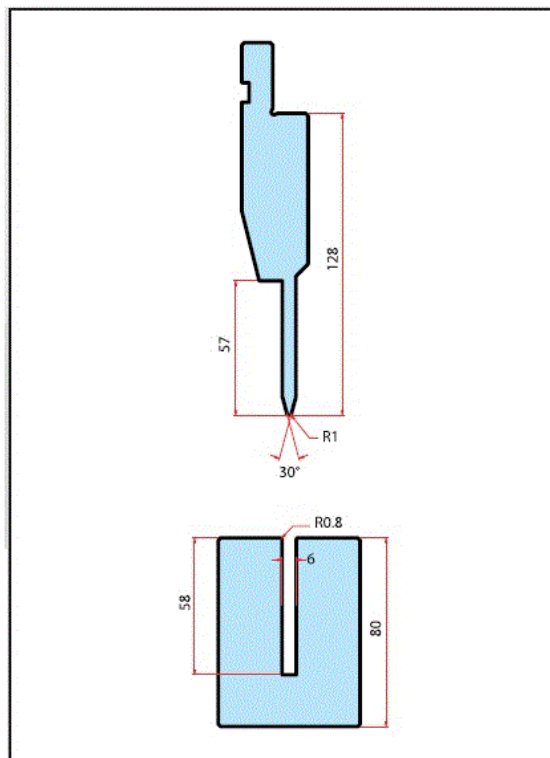
MOD.	V	R	HR
S1050	8	1,5	



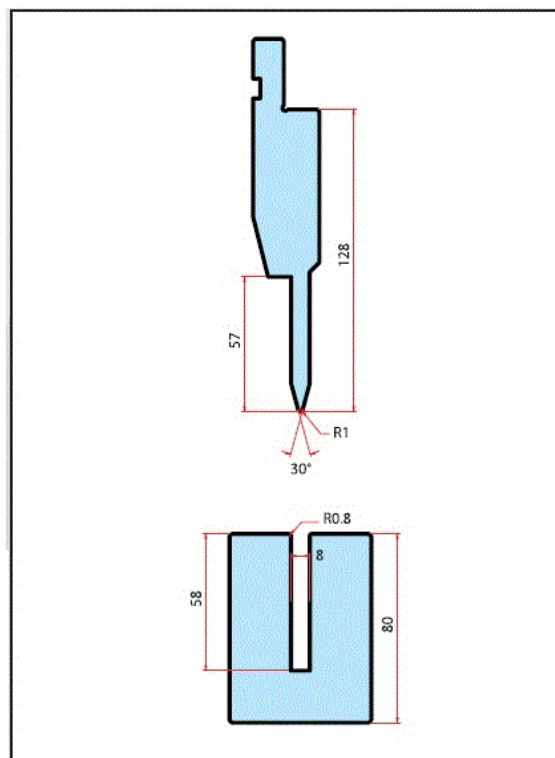
MOD.	V	R	H	HR
10463	6	1	117	
10430	8	1	117	
10412	10	1	135	



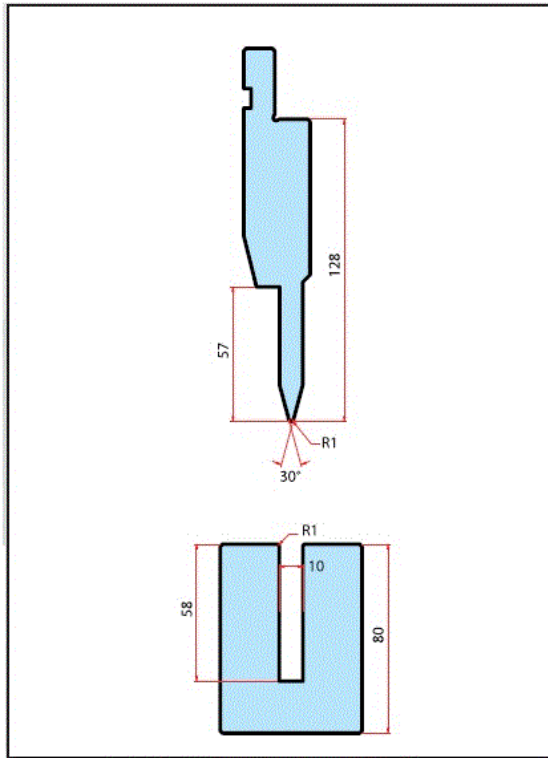
MOD.	V	R	HR
3001B	10	1,5	
3001B	12	3,0	



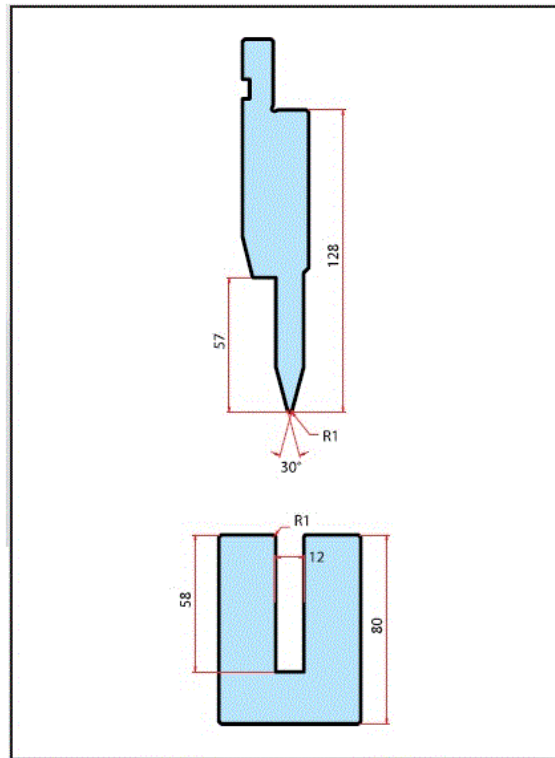
MOD.	V	HR
PV906	6	



MOD.	V	HR
PV908	8	



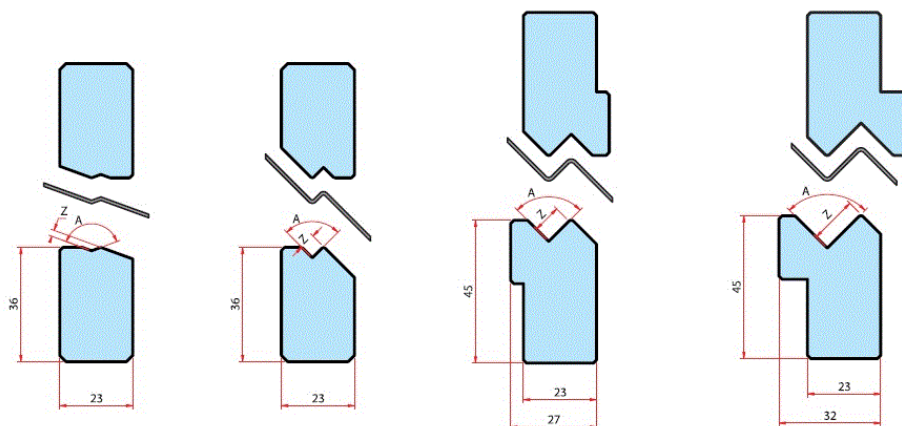
MOD.	V	HR
PV910	10	



MOD.	V	HR
PV912	12	

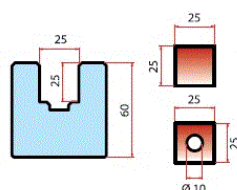


MOD.	IH
4105	



MOD.	Z (mm)	A	IH
41010	1,0	160°	
41015	1,5	160°	
41020	2,0	150°	
41025	2,5	140°	
41010	1,0	90°	
41015	1,5	90°	
41020	2,0	90°	
41025	2,5	90°	
41030	3,0	90°	
41035	3,5	90°	
41040	4,0	90°	
41045	4,5	90°	
41050	5,0	90°	

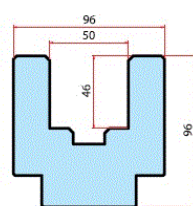
MOD.	Z (mm)	A	IH
41055	5,5	90°	
41060	6,0	90°	
41065	6,5	90°	
41070	7,0	90°	
41075	7,5	90°	
41090	9,0	90°	
41100	10,0	90°	
41110	11,0	90°	
41120	12,0	90°	
41130	13,0	90°	
41140	14,0	90°	
41150	15,0	90°	



MOD. IH
2500-25

MOD.
25025

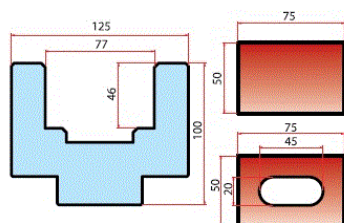
MOD.
25025F



MOD. IH
2500-55

MOD.
25050

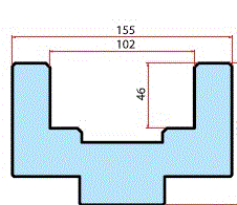
MOD.
25050F



MOD. IH
2500-75

MOD.
25075

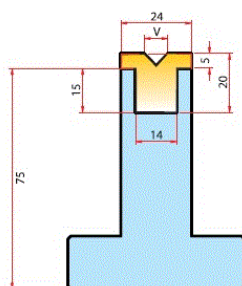
MOD.
25075F



MOD. IH
2500-100

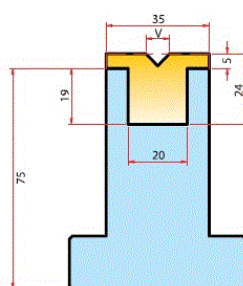
MOD.
25100

MOD.
25100F



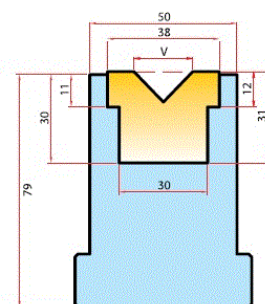
MOD. IH
6001

MOD. V
6001.V da 6 a 10



MOD. IH
6002

MOD. V
6002.V da 6 a 16



MOD. IH
6003

MOD. V
6003.V da 6 a 25

MOD. V IH
6101.V da 20 a 70

MOD. V IH
6102.V da 20 a 120

ton/m 100

MOD.	H	C	IH
4006	34	19	
4007	55	34	
931000	39	20	
932000	45	26	
933000	75	56	

L = 830 / 412 mm

ton/m 100

MOD.	H	W	HR
8160	51,5	25	

L = 840 / 420 mm

ton/m 100

MOD.	H	W	TH
300000	10	50	

L = 835 / 415 mm

ton/m 100

MOD.	H	W	L	IH
80 REG	51,5	25	1050	
81 REG	51,5	25	1260	

ton/m 100

MOD.	H	W	IH
400000	20	60	

L = 835 / 415 mm

ton/m 100

MOD.	H	L	IH
80 FIX	51,5	1050	
81 FIX	51,5	1260	
82 FIX	21	1050	
83 FIX	21	1260	

ton/m 100

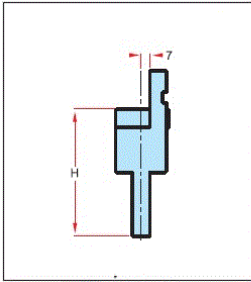
MOD.	H	W	IH
3030	28	30	

L = 525 mm

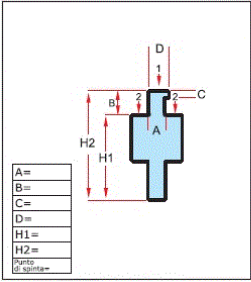
ton/m 100

MOD.	H	IH
90	30	
91	50	
92	75	

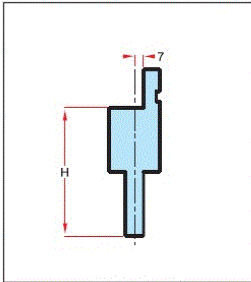
L = 835 / 1050 mm



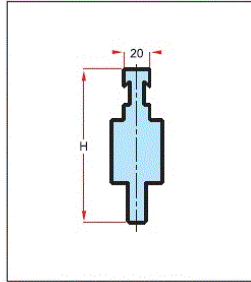
MOD.	H	L	IH
Z1.H100.W	100	150	
Z1.H120.W	120	150	



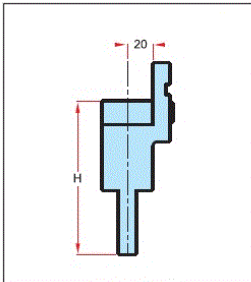
MOD.	L	IH
200.H67.S	150	



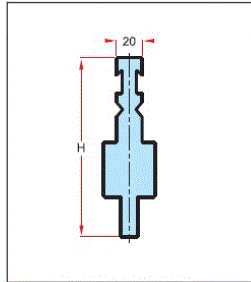
MOD.	H	L	IH
Z1.H100.S	100	150	
Z1.H120.S	120	150	



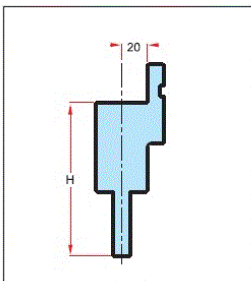
MOD.	H	L	IH
R.2000	120	150	



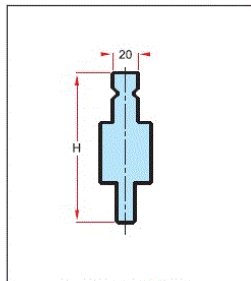
MOD.	H	L	IH
Z2.H100.W	120	150	
Z2.H120.W	150	150	



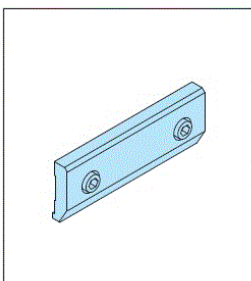
MOD.	H	L	IH
RFA.2000	140	150	



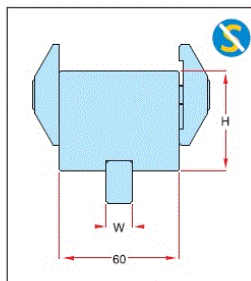
MOD.	H	L	IH
Z2.H100.S	120	150	
Z2.H120.S	150	150	



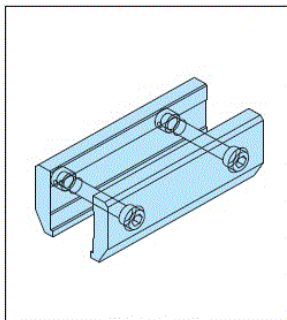
MOD.	H	L	IH
TRU.2000	117	150	



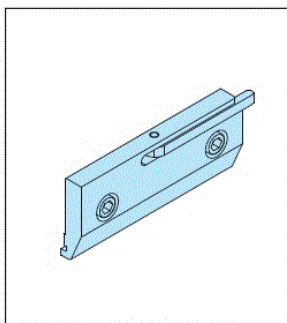
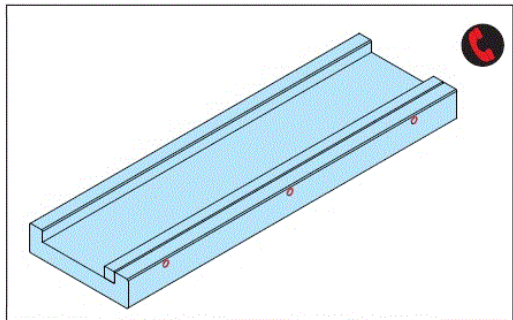
MOD.	L	IH
CL.2000.SS	150	



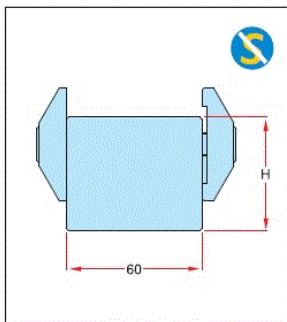
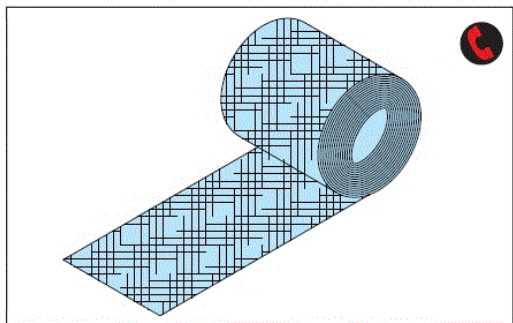
MOD.	H	W	IH
TRBEDB.3040	50	13	
AMEDB.3045	50	12,7	



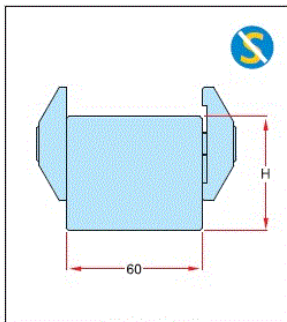
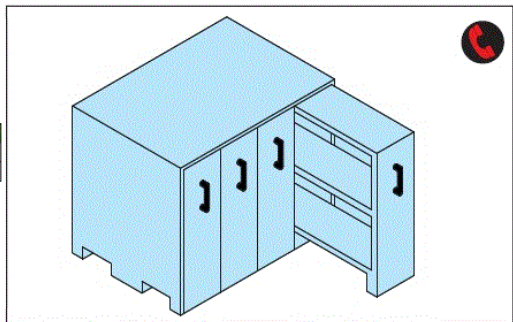
MOD.	L	IH
CL.2000.SD	150	



MOD.	L	IH
CL.2000.QR	150	



MOD.	H	IH
PRAMDB.3040	50	
PRAMDB.4055	55	



MOD.	H	IH
PRAMDB.3040	50	
PRAMDB.4055	55	

