

TIPOLOGIA DI TAGLIO TRAVI E FERRI AD "U" CON ESECUZIONE DI FORATURA, MARCATURA E TRACCIATURA IN LINEA

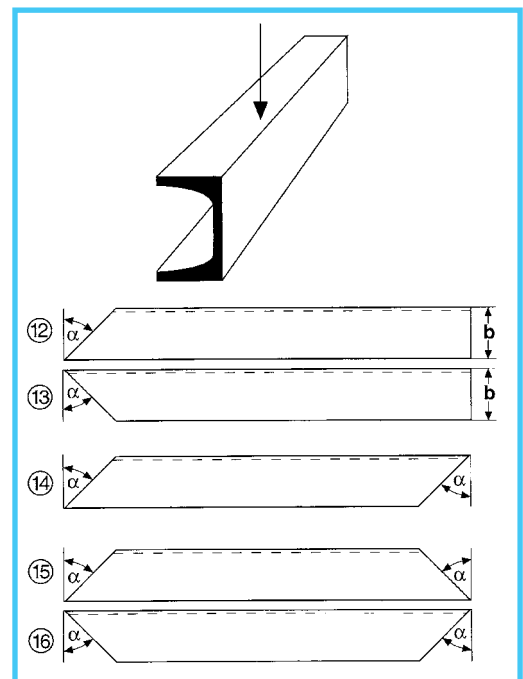
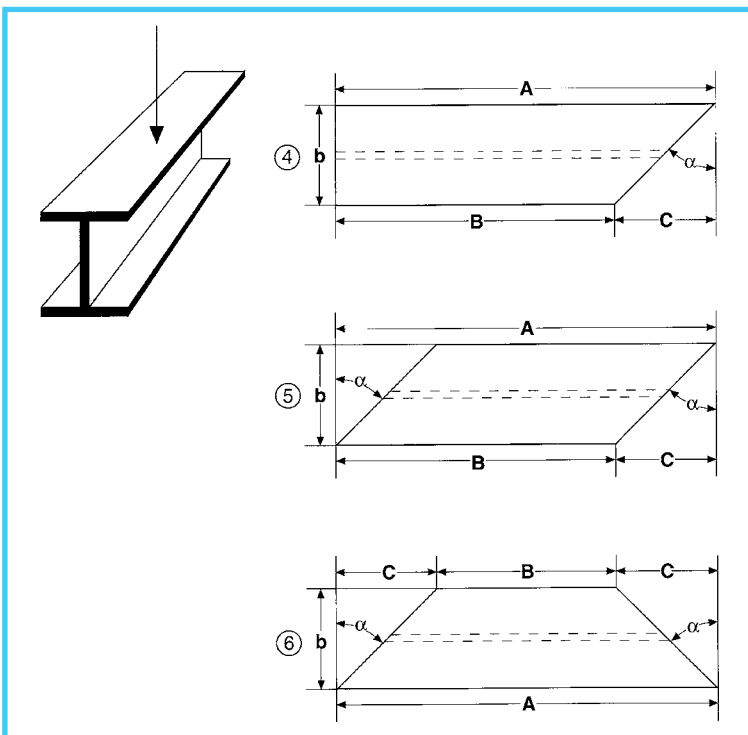
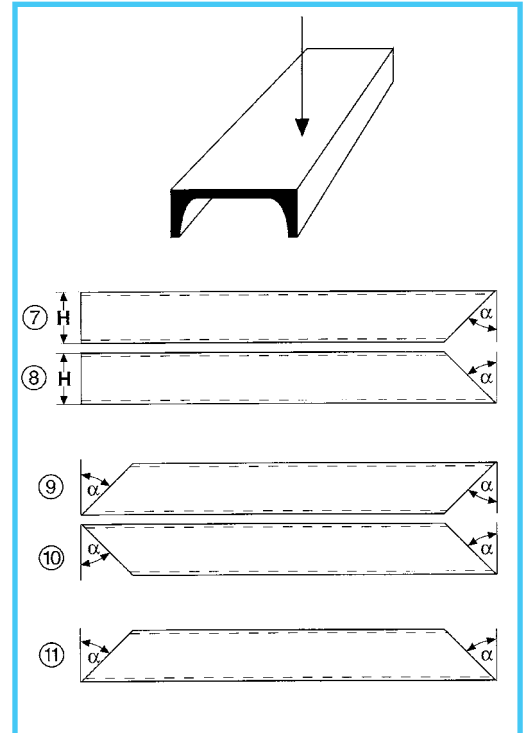
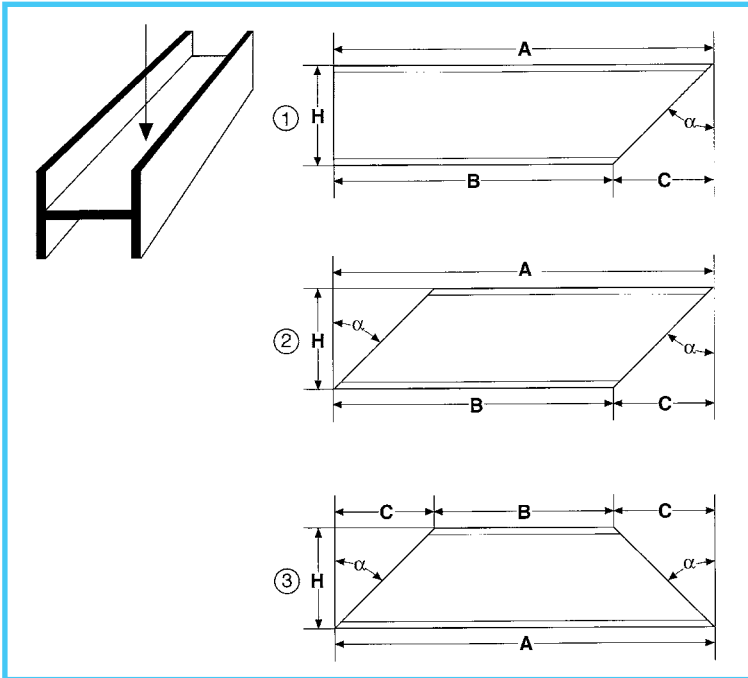
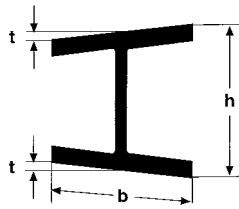
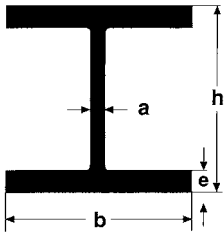


TABELLA DI TOLLERANZA TRAVI IPE - HEA - HEB

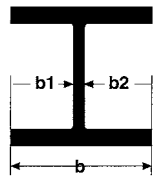
TABELLA SCOSTAMENTI TOLLERATI SECONDO EURONORM 53-62 E 44-63

TRAVI	≤ 120	≤ 160	> 120	> 160	> 180	> 220	> 270	> 260	> 360	> 300	> 400	> 400	> 500	> 500
			≤ 180	≤ 220	≤ 270	≤ 260	≤ 360	≤ 300	≤ 400	≤ 400	≤ 500	≤ 500		
Scost. limite	IPE	HEA HEB	IPE	HEA HEB	IPE	HEA HEB	IPE	HEA HEB	IPE	HEA HEB	IPE	HEA HEB	IPE	HEA HEB
su h/mm	± 2	+ 4 - 2	+ 3 - 2	± 3	± 3	± 3	± 3	± 3	± 3	± 3	± 4	± 4	± 5	± 5
su b/mm	± 2	± 3	+ 3 - 2	± 3	± 3	± 3	± 3	± 3	± 4	± 3	± 4	± 3	± 4	± 3
su a/mm	± 0,5	± 1	± 0,75	± 1	± 0,75	± 1	± 1	± 1,5	± 1	± 1,5	± 1	± 1,5	± 1	± 1,5
su e/mm	± 1	± 1,5	± 1,5	± 1,5	± 1,5	± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2



TOLLERANZA DI FUORI SQUADRO

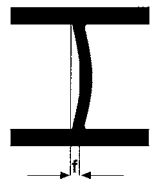
HEA - HEB		IPE	
per $h \leq 240$	$t \leq 0,010 b$	per ≤ 120	$t \leq 0,010 b$
per $h > 240$	$t \leq 0,012 b$	per > 120	$t \leq 0,015 b$



TOLLERANZA DI SIMMETRIA

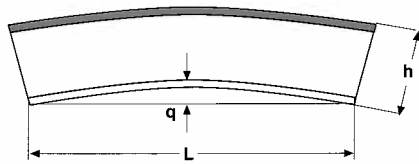
HEA - HEB		IPE	
per $h \leq 300$	$s \leq 2,5$	per ≤ 120	$s \leq 1,5$
per $300 < h \leq 500$	$s \leq 3,0$	per $120 < h \leq 270$	$s \leq 2,5$
per $h > 500$	$s \leq 3,0$	per $h > 270$	$s \leq 3,5$

$s = \frac{b1 - b2}{2}$



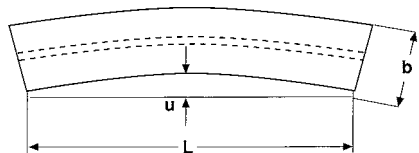
TOLLERANZA DI RETTILINEITÀ TRASVERSALE DELL'ANIMA

HEA - HEB		IPE	
per $h \leq 450$	$f \leq 1,5$	per $h \leq 120$	$f \leq 1,0$
per $h > 450$	$f \leq 2,0$	per $120 < h \leq 360$	$f \leq 1,5$
		per $h > 360$	$f \leq 2,0$



TOLLERANZA DI RETTILINEITÀ LONGITUDINALE DELL'ANIMA

HEA - HEB		IPE	
per $h \leq 400$	$q \leq 0,0015 L$	per $h \leq 360$	$q \leq 0,0010 L$
per $h > 400$	$q \leq 0,0010 L$	per $h > 360$	$q \leq 0,0010 L$



TOLLERANZA DI RETTILINEITÀ LONGITUDINALE DEI BORDI

HEA - HEB		IPE	
per $h \leq 200$	$u \leq 0,0025 L$	per $h \leq 300$	$u \leq 0,003 L$
per $200 < h \leq 400$	$u \leq 0,0020 L$	per $h > 300$	$u \leq 0,002 L$
per $h > 240$	$u \leq 0,0015 L$		