



**1.1**

$h_{\Delta}$	4 mm	20 mm	4 mm
		10 mm	



**optional** e.g. HST4-R M12 × **115** **5 - 50**

$L$     $t_{fix,min}$     $t_{fix,max}$

L												$h_{nom}$
75	85	95	105	115	125	135	145	165	180	200	260	
$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$	$t_{fix,max}$
10	20	30	40	50	60	70	80	100	115	135	195	49
5	15	25	35	45	55	65	75	95	110	130	190	54
$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	10	20	30	40	50	60	70	90	105	125	185	59
	5	15	25	35	45	55	65	85	100	120	180	64
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	10	20	30	40	50	60	70	90	105	110	170	74
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	10	20	30	40	50	70	85	105	110	165	79	
	5	15	25	35	45	65	80	100	160	84		
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	10	20	30	40	60	75	95	155	89			
	5	15	25	35	55	70	90	150	94			
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	10	20	30	50	65	85	145	99				
	5	15	25	45	60	80	140	104				
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	10	20	40	55	75	135	109					
	5	15	35	50	70	130	114					
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	10	30	45	65	125	119						
	5	25	40	60	120	124						
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$
	20	35	55	115	129							
	15	30	50	110	134							
	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$	$t_{fix,min}$							



