




















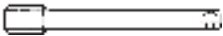


		<b>N</b>						
<b>Characteristics</b> <b>Características</b>			 		 	 		
								
<b>Hole type</b> <b>Tipo de agujero</b>								
					<b>N1110-1</b>	<b>N1110-2</b>	<b>N1110-3</b>	<b>N1120-4</b>
<b>ISO short</b> <b>ISO corto</b>	<b>ISO 529</b>				162	162	162	162
<b>W</b>	<b>ISO 529</b>				162	162	162	162
		<b>N420-3</b>	<b>N410-3</b>	<b>D5800</b>	<b>N1210-1</b>	<b>N1210-2</b>	<b>N1210-3</b>	<b>N1220-4</b>
<b>DIN long</b> <b>DIN largo</b>	<b>DIN 5156</b>	160						
<b>DIN long</b> <b>DIN largo</b>	<b>DC</b>		160	161				
<b>ISO short</b> <b>ISO corto</b>	<b>ISO 529</b>				163	163	163	163
<b>Rp</b>	<b>DIN 5156</b>	160						
<b>Rc</b>	<b>DC</b>		160	161				
<b>W</b>	<b>ISO 529</b>				163	163	163	163

G (BSP),  
Rp, Rc, W

										N410-3	N410-3 LH		
N410-3													
N410-3 LH		LH											
$\varnothing$ G	$d_1$	P	$d_1$	$l_1$	$l_2$	$d_2$	$\alpha$			ID	ID		
		TPI	mm	mm	mm	mm	mm						
1/8		28	9.72	90	22.0	7.0	5.5	3	8.75	101855	* 101856		
1/4		19	13.15	100	20.0	11.0	9.0	3	11.60	101853	101854		
3/8		19	16.66	100	20.0	12.0	9.0	4	15.20	101861	101862		
1/2		14	20.95	125	22.0	16.0	12.0	4	18.90	101851	101852		
3/4		14	26.44	140	28.0	20.0	16.0	4	24.40	101859	101860		
1		11	33.24	160	32.0	25.0	20.0	4	30.70	101857	101858		
1 1/4		11	41.91	170	32.0	32.0	24.0	5	39.30	101850			
1 1/2		11	47.80	190	32.0	36.0	29.0	5	45.20	101849			

										N420-4	N420V-4	N420TN-4		
N420-4														
N420V-4														
N420TN-4														
$\varnothing$ d <sub>1</sub> G	P TPI	d <sub>1</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	d <sub>2</sub> mm	a mm				ID	ID	ID		
1/16	28	7.72	90	18.0	6.0	4.9	3	6.75		102045				
1/8	28	9.72	90	22.0	7.0	5.5	3	8.75		102048	102258	102236		
1/4	19	13.15	100	20.0	11.0	9.0	3	11.60		102047	102257	102235		
3/8	19	16.66	100	20.0	12.0	9.0	3	15.20		102053	102261	102238		
1/2	14	20.95	125	22.0	16.0	12.0	4	18.90		102046	102256	102234		
5/8	14	22.91	125	25.0	18.0	14.5	4	20.90		102054	144722			
3/4	14	26.44	140	28.0	20.0	16.0	4	24.40		102052	102260	102237		
1	11	33.24	160	32.0	25.0	20.0	4	30.70		102049	102259			
1 1/4	11	41.91	170	32.0	32.0	24.0	5	39.30		102043				
1 1/2	11	47.80	190	32.0	36.0	29.0	5	45.20		102042				
2	11	59.61	220	36.0	45.0	35.0	5	57.00		102051				
2 1/2	11	75.18	280	36.0	50.0	39.0	6	72.60		102050				

# G DIN ISO 228 (BSP)

HSSE



										N460-3	N460V-3	N460TN-3	N462V-3
N460-3													
N460V-3													
N460TN-3													
N462V-3													
$\varnothing d_1$	P	$d_1$	$l_1$	$l_2$	$d_2$	$a$				ID	ID	ID	ID
G	TPI	mm	mm	mm	mm	mm							
1/16	28	7.72	90	12.5	6.0	4.9	3	6.75		102341			
1/8	28	9.72	90	14.0	7.0	5.5	3	8.75		102344	102457	102444	143687
1/4	19	13.15	100	14.0	11.0	9.0	3	11.60		102343	102456	102443	143600
3/8	19	16.66	100	14.0	12.0	9.0	4	15.20		102348	102460	102446	143431
1/2	14	20.95	125	20.0	16.0	12.0	4	18.90		102342	102455	102442	143921
5/8	14	22.91	125	20.0	18.0	14.5	4	20.90		102349	143711		
3/4	14	26.44	140	22.0	20.0	16.0	4	24.40		102347	102459	102445	143688
7/8	14	30.20	150	24.0	22.0	18.0	4	28.20		* 102350			
1	11	33.24	160	26.0	25.0	20.0	4	30.70		102345	102458		
1 1/4	11	41.91	170	30.0	32.0	24.0	5	39.30		102340	111608		
1 1/2	11	47.80	190	35.0	36.0	29.0	5	45.20		102339	111609		
2	11	59.61	220	41.0	45.0	35.0	6	57.00		102346	111503		

# G DIN ISO 228 (BSP)

H  
PM HSSE  
≤ Ø 25.4 > Ø 25.4

GG W  
PM HSSE



										W460-5		H450-3	GG450NI-3
<b>W460-5</b> 													
<b>H450-3</b> 													
<b>GG450NI-3</b> 													
Ø" d <sub>1</sub> G	P TPI	d <sub>1</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	d <sub>2</sub> mm	a mm				ID		ID	
1/8	28	9.72	90	14.0	7.0	5.5	3	8.75		119350		101298	
1/4	19	13.15	100	14.0	11.0	9.0	*4	11.60		119300		101297	
3/8	19	16.66	100	14.0	12.0	9.0	4	15.20		119682		101301	
1/2	14	20.95	125	20.0	16.0	12.0	4	18.90		119199		101296	
3/4	14	26.44	140	22.0	20.0	16.0	4	24.40				101300	
1	11	33.24	160	26.0	25.0	20.0	4	30.70				101299	
* W460-5 =  3													
Ø" d <sub>1</sub> G	P TPI	d <sub>1</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	d <sub>2</sub> mm	a mm						ID	
1/8	28	9.72	90	22.0	7.0	5.5	4	8.75				102309	
1/4	19	13.15	100	20.0	11.0	9.0	4	11.60				102308	
3/8	19	16.66	100	20.0	12.0	9.0	4	15.20				102312	
1/2	14	20.95	125	22.0	16.0	12.0	4	18.90				102307	
3/4	14	26.44	140	28.0	20.0	16.0	4	24.40				102311	
1	11	33.24	160	32.0	25.0	20.0	4	30.70				102310	

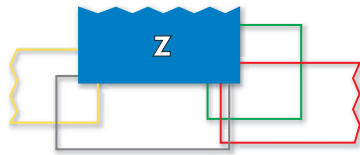
# G DIN ISO 228 (BSP)

< Ø 25.4 > Ø 25.4

**PM**  
Z420

**HSSE**  
Z420

**HSSE**  
Z460

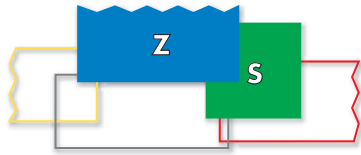


										Z420V-4	Z420VS-4	Z460V-3	Z460VS-3
Z420V-4													
Z420VS-4													
Z460V-3													
Z460VS-3													
										<b>ID</b>	<b>ID</b>		
Ø" d <sub>1</sub> G	P TPI	d <sub>1</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	d <sub>2</sub> mm	α mm				<b>142794</b>	<b>142800</b>		
1/8	28	9.72	90	22.0	7.0	5.5	3	8.75		<b>142795</b>	<b>119303</b>		
1/4	19	13.15	100	20.0	11.0	9.0	3	11.60		<b>142796</b>	<b>142802</b>		
3/8	19	16.66	100	20.0	12.0	9.0	3	15.20		<b>142797</b>	<b>142803</b>		
1/2	14	20.95	125	22.0	16.0	12.0	4	18.90		<b>142798</b>			
3/4	14	26.44	140	28.0	20.0	16.0	4	24.40		<b>142799</b>			
1	11	33.24	160	32.0	25.0	20.0	4	30.70					
												<b>ID</b>	<b>ID</b>
Ø" d <sub>1</sub> G	P TPI	d <sub>1</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	d <sub>2</sub> mm	α mm						<b>104726</b>	<b>* 111577</b>
1/8	28	9.72	90	14.0	7.0	5.5	3	8.75				<b>104725</b>	<b>* 111578</b>
1/4	19	13.15	100	14.0	11.0	9.0	*3	11.60				<b>104728</b>	<b>* 111579</b>
3/8	19	16.66	100	14.0	12.0	9.0	4	15.20				<b>104724</b>	<b>* 111580</b>
1/2	14	20.95	125	20.0	16.0	12.0	4	18.90				<b>104727</b>	
3/4	14	26.44	140	22.0	20.0	16.0	4	24.40				<b>105142</b>	
1	11	33.24	160	26.0	25.0	20.0	4	30.70					
<b>* Z460VS-3 =  4</b>													



Uniquement pour taraudage synchrone  
Nur für Synchronbearbeitung  
Only for rigid tapping  
Solo per maschiatura sincrona  
Solo para roscado sincronizado

PM



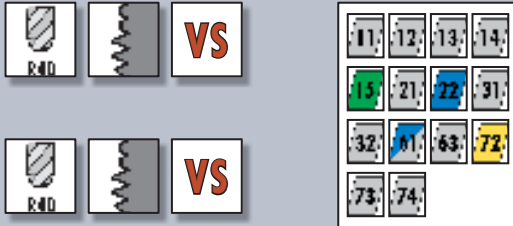
Z470VS-3



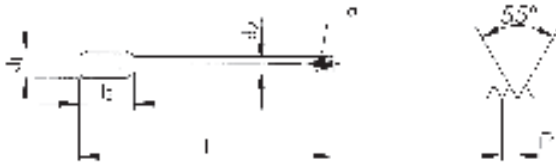
# RTS

Rigid Tapping Synchro

RTS462VS-3



RTS462VS-5



Z470VS-3



NEW



RTS462VS-3



RTS462VS-5



NEW



$\varnothing'' d_1$ G	P TPI	$d_1$ mm	$l_1$ mm	$l_2$ mm	$d_2 h6$ mm	$\alpha$ mm			ID
1/8	28	9.72	100	14.0	*8.0	*6.2	3	8.75	165198
1/4	19	13.15	110	14.0	*12.0	*9.0	4	11.60	165199
3/8	19	16.66	110	18.0	12.0	9.0	4	15.20	165200
1/2	14	20.95	125	20.0	16.0	12.0	4	18.90	165201

\* Norme DC / \* DC Norm / \* Norma DC

$\varnothing'' d_1$ G	P TPI	$d_1$ mm	$l_1$ mm	$l_2$ mm	$d_2 h6$ mm	$\alpha$ mm			ID	ID
1/8	28	9.72	100	14.0	*8.0	*6.2	3	8.75	151861	170629
1/4	19	13.15	110	14.0	*12.0	*9.0	3	11.60	151868	170631
3/8	19	16.66	110	18.0	12.0	9.0	4	15.20	151872	170633
1/2	14	20.95	125	20.0	16.0	12.0	4	18.90	150685	170635

\* Norme DC / \* DC Norm / \* Norma DC



sur demande  
auf Anfrage  
on request  
su richiesta  
sobre pedido

FPS FAS		FORMING		FPS481VS-3	FAS481VS-3					
FPS481VS-3		VS								
FAS481VS-3		VS								
$\varnothing'' d_1$	P	$d_1$	$l_1$	$l_2$	$d_2$	$\alpha$	$\rightarrow \leftarrow$	Tol.	ID	ID
G	TPI	mm	mm	mm	mm	mm				
1/8	28	9.72	90	22.0	7.0	5.5	9.25	+/- 0.05	166721	166733
1/4	19	13.15	100	20.0	11.0	9.0	12.50	+/- 0.05	166722	166734
3/8	19	16.66	100	20.0	12.0	9.0	16.00	+/- 0.05	166723	166735
1/2	14	20.95	125	22.0	16.0	12.0	20.00	+/- 0.05	166724	166736