

Floating Joints

-Standard-

Part Number
& Spec.Change
Printed in Purple

CAD Data

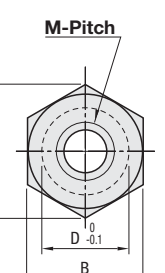
Surface treatment of 1.4301/X5CrNi18-10 has changed from Tuffride® to Nitriding treatment. Better corrosion resistance and hardness, less particle generation on the surface than the conventional products.

Standard Type

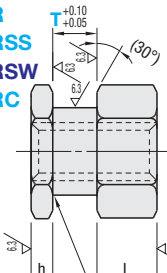


RoHS 10

L Dimension Fixed



L Dimension Configurable Type



RoHS 10

Material

Surface Treatment

Surface Hardness

Type	M-Pitch	T Selection	L Selectable	L Configurable (1mm Increment)	h	D	B	(C)	Fixed	Configurable
L Fixed FJR FJRSS FJRSW FJRC	3-0.5	2 3* 4* 5 6	5	3-50	3	6	8	9.2		
	4-0.7	2 3* 4* 5* 6* 8*	6	3-60	7	7	10	11.5		
	5-0.8	3* 4* 5* 6* 8* 9* 10*	7	3-60	8	12	13.9			
	6-1.0	3 4* 5* 6* 8* 9 10 12	8	4-80	10	14	16.2			
	8-1.0	4 5* 6* 8* 9 10 12* 13 15 16	9	4-100	13	17	19.6			
L Configurable FJRL FJRSL	10-1.25	4 5 6* 8* 9* 10* 12* 13 15 16 19 20	11	4-100	4	16	21	24.2		
	10-1.5	5 6 8* 9* 10* 12* 13 15 16* 19* 20	12	5-100	18	23	26.6			
	12-1.25	5 6 8* 9* 10* 12* 13 15 16* 19* 20	13	5-100	21	26	30			
	14-1.5	8 9 10 12* 13 15* 16 19 20	15	8-100	5	25	30	34.6		
	18-1.5	8 9 10 12* 13 15* 16 19 20	17	8-100	6	27	32	36.9		

Part Number	Type	M-Pitch	T Selection	L Selectable	L Configurable (1mm Increment)	h	D	B	(C)	€ Unit Price					
										FJR	FJRSS	FJRSW	FJRC	FJRL	FJRSL
L Fixed	FJR	3-0.5	2 3* 4* 5 6	5	3-50	3	6	8	9.2						
	FJRSS	4-0.7	2 3* 4* 5* 6* 8*	6	3-60	7	7	10	11.5						
	FJRSW	5-0.8	3* 4* 5* 6* 8* 9* 10*	7	3-60	8	12	13.9							
	FJRC	6-1.0	3 4* 5* 6* 8* 9 10 12	8	4-80	10	14	16.2							
		8-1.0	4 5* 6* 8* 9 10 12* 13 15 16	9	4-100	13	17	19.6							
		10-1.25	4 5 6* 8* 9* 10* 12* 13 15 16 19 20	11	4-100	16	21	24.2							
		10-1.5	5 6 8* 9* 10* 12* 13 15 16* 19* 20	12	5-100	18	23	26.6							
		12-1.25	5 6 8* 9* 10* 12* 13 15 16* 19* 20	13	5-100	21	26	30							
		14-1.5	8 9 10 12* 13 15* 16 19 20	15	8-100	5	25	30	34.6						
		18-1.5	8 9 10 12* 13 15* 16 19 20	17	8-100	6	27	32	36.9						
		22-1.5	12 15 20	17	10-100										

For L Dimension Configurable type, when h+T+L≤3M, the tapped hole goes through. When T=2, only FJR is available. For T dimension only. Thread diameters 8, 10 and 12 are only applicable to 8-1.25, 10-1.25 and 12-1.25.

Floating Joints and Holders Application Table (FJR · FJR_ · FJR_ · FJR_)										Floating Joints and Holders Application Table (FJD · FJDSW · FJDL)									
M-Pitch	FJR	HLRA	FJR	HLRE	FJR	HLRD	FJR	HLRL	HLRAF	M-Pitch	FJD	HLRA	FJD	HLRE	FJD	HLRD	FJD	HLRL	HLRAF
3-0.5	4	6	4	7	8	7	6	3-6	6-3-6	3-0.5	4	4	4	-	-	-	-	-	-
4-0.7	6	8	6	8	10	8	6	3-8	7-3-8	4-0.7	6	6	6	-	-	-	-	-	-
5-0.8	8	10	8	10	12	10	8	3-10	8-3-10	5-0.8	8	8	8	7	8	7	10	5-12	10-5-12
6-1.0	10	12	10	12	14	12	10	3-12	10-3-12	6-1.0	10	10	10	10	10	10	10	10	10-5-12
8-1.0	13	15	13	15	17	15	13	4-12	13-4-12	8-1.25	13	13	13	13	13	13	13	13	13-6-12
8-1.25	16	18	16	18	20	18	16	5-15	16-5-15	10-1.5	16	16	16	16	16	16	16	16	16-5-15
10-1.25	18	20	18	20	22	20	18	6-15	20-6-15	12-1.25	18	18	18	18	18	18	18	18	18-5-15
10-1.5	21	23	21	23	25	23	21	7-15	23-7-15	14-1.5	21	21	21	21	21	21	21	21	21-6-15
12-1.25	25	27	25	27	29	27	25	8-20	27-8-20	16-1.5	25	25	25	25	25	25	25	25	25-8-20
12-1.5	27	29	27	29	31	29	27	10-20	29-10-20	18-1.5	27	27	27	27	27	27	27	27	27-10-20
14-1.5	30	32	30	32	34	32	30	12-20	32-12-20	22-1.5	30	30	30	30	30	30	30	30	30-12-20

For holders of size 27, only HLRA · HLRC is available. For detailed holder dimensions, refer to P.1428~1430

Order Example

Part Number - T - L

FJR5-0.8 - 6 - 20

FJRL14-1.5 - 12 - 20

FJRC10-1.25 - 8

Days to Ship

8 Days

Express A

2,00 EUR/ piece

P88

Volume Discount (Round down to one Cent.) P87

Quantity	1-9	10-14	15-19	20-49
Discount Rate	€ Unit Price	5%	10%	18%

For orders of 30 or more pieces of L Dimension Configurable Type, please request a quotation.

Compact Floating Joints · Floating Joints

-Male Thread Type-

-Sheet Metal Holder Set-

Part Number
& Spec.Change
Printed in Purple

CAD Data

Surface treatment of 1.4301/X5CrNi18-10 has changed from Tuffride® to Nitriding treatment. Better corrosion resistance and hardness, less particle generation on the surface than the conventional products.

Compact Floating Joint -Male Thread Type-



RoHS 10

Type

L Fixed

L Configurable

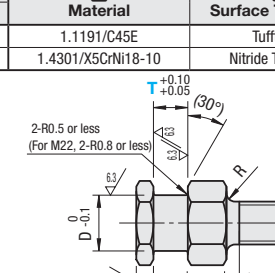
Material

Surface Treatment

Surface Hardness

Type	L Fixed	L Configurable	Material	Surface Treatment	Surface Hardness
FJD	FJDL	-	1.1191/C45E	Tuffride®	500HV~
FJDSW	-	-	1.4301/X5CrNi18-10	Nitride Treatment	1000HV~

Technical Drawing



RoHS 10

Tuffride® may cause uneven color, which doesn't affect mechanical function.

Tuffride® is a trademark of DURFERRIT GmbH.

For details of Tuffride®, refer to P.1799

No Tuffride® treatment on F Dimension for FJDL.

Part Number	Type	M-Pitch	T Selection	L Selectable	L Configurable (1mm Increment)	h	D	F	ℓ	B	(C)	R	€ Unit Price		
													L Fixed	L Configurable	
L Fixed	FJD	3-0.5	3 4*	4	3-15	3	4	8	6	6	6.9	1			
	FJDSW	4-0.7	3 4* 5 6 8	5	3-20	4	6	11	9	10	11.5	1.5			
		5-0.8	3 4* 5 6 8 9 10	6	3-25	6	13	11	8	9.2					
		6-1.0	4* 5 6 8	8	4-30	7	19	17	10	11.5					
		8-1.25	5 6* 8	12	4-40	10	20	18	14	16.2					
L Configurable	FJDL	10-1.5	6 8* 9 10 12	9	4-50	4	13	24	21	17	19.6	2			
		16-2.0	12* 20	12	8-80	21	40	37	26	30	34.6				
		20-2.5	15* 20	15	10-100	5	25	50	46	30	34.6				
		22-2.5	12 15 20*	17	10-100	6	27	60	56	32	36.9	2.5			

For Floating Joints and Holders Application Table, refer to the left page.

Order Example

Part Number - T - L

FJD5-0.8 - 5 - 20

FJDL10-1.5 - 8 - 20

Days to Ship

8 Days

Express A

2,00 EUR/ piece

P88

Floating Joint -Sheet Metal Holder Set-



RoHS 10

Type

Material

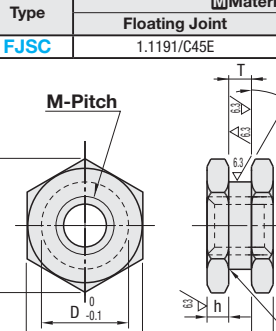
Holder

Surface Treatment

Surface Hardness

Type	Material	Holder	Surface Treatment	Surface Hardness
FJSC	1.1191/C45E	1.0330/DC01	Tuffride®	500HV~

Technical Drawing



RoHS 10

Tuffride® treatment may cause uneven color, which doesn't affect mechanical function.

Tuffride® is a trademark of DURFERRIT GmbH.

For details of Tuffride®, refer to P.1799.

Part Number		T	h	D	B	(C)	Included Holder												Maximum Applied Tensile · Compression Force (N)	€ Unit Price
Type	M-Pitch						Tolerance	T	Tolerance	B	D1	W	H	a	h	ℓ	P	d		
FJSC	3-0.5	2.3	+0.3	2	6	8	9.2	2.3	±0.19	8	6.5	16	25	5	14	6	8	4.5	19	
	4-0.7		+0.25		7	10	11.5			10	8	19	26	6			10		54	
	5-0.8	3.2	+0.35	3	8	12	13.9	3.2	±0.23	12	9	22	33	7	18	8	12	5.5	123	
	6-1.0		+0.3		10	14	16.2			14	11	25	34	8			14		123	

Order Example

Part Number

FJSC4-0.7

Days to Ship

8 Days

Express A

2,00 EUR/ piece

P88

For Floating Joints and Holders Application Table, refer to the left page.

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