

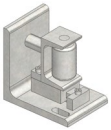
Die Components
Normalien
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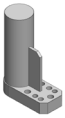
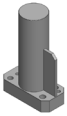
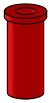
JLR

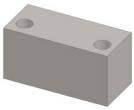
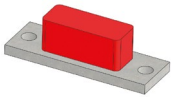
OMCR®

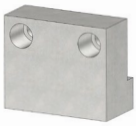
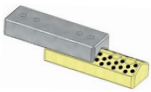
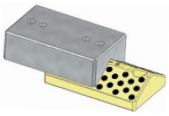
STANDARD DIE COMPONENTS

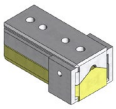
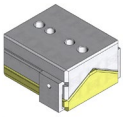
MAIN INDEX

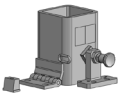
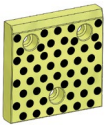
TDSA03-A	TDSA03-B	TDSA03-D	TDSA03-E	TDSA04-E
				
Visual locator punch Endkontrollstempel Punzone di visualizzazione	Coil guide roller Bandführung Guidanastro mobile	Stripper for blanking dies Abstreifer für Platinenschnitte Estrattore per stampi tranciasviluppo	Roller Rolle Rotella	Distance Plate Abstimmscheibe Distanziale
349	349	350	350	351

TDSA05-B	TDSA05-C	TDSA05-I	TDSA05-N	TDSA06-A
				
Support Unterstützung Supporto	Support Unterstützung Supporto	Elastomer stripper Abstreifer Estrattore per punzoni	Retainer Haltestück Ritegno per matrice	Locating cone Kegeldistanz Cono di centraggio
351	352	353	354	354

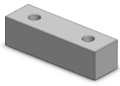
TDSA06-B	TDSA06-C	TDSA07-A	TDSA17-C	TDSA07-D
				
Flange lifter Abstreifer Sflangiatore	Flange lifter Abstreifer Sflangiatore	Positive return wear plate Platte Piastra di reazione	Balance block Distanzstück Distanziale	Cam buffer Anschlag Arresto
355	356	356	357	357

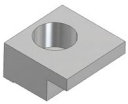
TDSA07-E	TDSA07-F	TDSA07-G	TDSA07-H	TDSA07-I
				
Buffer support Dämpferhalterung Supporto ammortizzatore	Coupling plate Befestigungsplatte Staffa di reazione	Coupling nut Kupplungsmutter Aggancio staffa	"V" driver VDI 3357 Prismenführung VDI 3357 Guida a "V" VDI 3357	"V" driver VDI 3357 Prismenführung VDI 3357 Guida a "V" VDI 3357
358	358	359	359	360

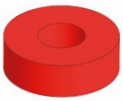
TDSA07-J	TDSA07-J	TDSA07-K	TDSA12-A	TDSA12-B
				
Positive return Zwangrückholer Gancio	"V" driver with positive return Prismenführung mit zwangsrückholer Guida a "V" con gancio di ritorno	"V" driver with positive return Prismenführung mit zwangsrückholer Guida a "V" con gancio di ritorno	Spacing bar Abstellbolzen Distanziale	Spacing bar Abstellbolzen Distanziale
360	361	362	363	364

TDSA12-B	TDSA13-A	TDSA13-A	TDSA13-B	TDSA13-C
				
Spacing bar Abstellbolzen Distanziale	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Guide post NAAMS Führungssäule NAAMS Colonna guida NAAMS	Guide post NAAMS Führungssäule NAAMS Colonna guida NAAMS
365	366	367	368	369

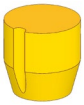
TDSA13-C	TDSA13-D	TDSA13-D	TDSA13-E	TDSA13-F
				
Guide post NAAMS Führungssäule NAAMS Colonna guida NAAMS	Guide post Führungssäule Colonna guida	Guide post Führungssäule Colonna guida	Guide post Führungssäule Colonna guida	Guide post Führungssäule Colonna guida
370	371	371	372	372

TDSA13-F	TDSA13-G	TDSA13-H	TDSA13-I	TDSA13-J
				
Guide post Führungssäule Colonna guida	Guide post Führungssäule Colonna guida	Spacer plate toothed Distanzplatte gezahnt Tassello di compensazione	Stop Block Abstandsblock Distanziale	Stop Block Anschlag Blocchetto di arresto
373	373	374	374	374

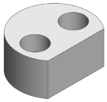
TDSA13-J	TDSA13-K	TDSA13-L	TDSA13-L	TDSA14-D
				
Shim Abstimmscheibe Spessore	Toe clamp Haltestück Ritegno per boccola	Guide bush NAAMS Fuhrungsbuchse NAAMS Boccola autolubrificante NAAMS	Guide bush NAAMS Fuhrungsbuchse NAAMS Boccola autolubrificante NAAMS	Pad retainer pin Steckbolzen Perno di arresto
375	376	376	377	377

TDSA14-E	TDSA14-F	TDSA14-G	TDSA14-G	TDSA14-G
				
Buffer Stossdämpfer Ammortizzatore	Special retainer pin plate Spezial-Haltestiftplatte Piastra speciale per perno di arresto	Retainer bolt Zugbolzensatz Gruppo tirante	Retainer bolt Zugbolzensatz Gruppo tirante	Anti-rebound pad retainer Halteelement mit Dämpfung Gruppo tirante antirimbalzo
378	378	379	380	381

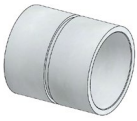
TDSA14-H	TDSA14-I	TDSA14-J	TDSA14-K	TDSA14-L
				
Retainer bolt Zugbolzensatz Gruppo tirante	Retainer bolt Zugbolzensatz Gruppo tirante	Retainer bolt Zugbolzensatz Gruppo tirante	Elastomer spring Elastomerfeder Molla in elastomero	Pad retainer pin Steckbolzen Perno di arresto
382	383	384	384	385

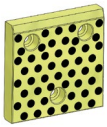
TDSA14-M	TDSA14-N	TDSA14-N	TDSA14-N	TDSA15-D
				
Elastomer cap Elastomerdruckstück Puntalino in elastomero	Retainer bolt Zugbolzensatz Gruppo tirante	Retainer bolt Zugbolzensatz Gruppo tirante	Retainer bolt Zugbolzensatz Gruppo tirante	Locating Pin Zentrierbolzen Perno di centraggio
385	386	387	388	389

TDSA16-A	TDSA17-A	TDSA17-A	TDSA17-B	TDSA17-C
				
Gage hardened Einweiser gehärtet Riferimento indurito	Lower air cushion pin Unterluftbolzen Candela inferiore	Lower air cushion pin Unterluftbolzen Candela inferiore	Lower air cushion pin Unterluftbolzen Candela inferiore	Upper air cushion pin oberluftbolzen Candela superiore
390	391	391	392	392

TDSA17-G	TDSA17-H	TDSA17-H	TDSA20-B	TDSA20-D
				
Clamp Haltestück Staffa	Pressure plate Druckplatte Piastra di reazione	Pressure plate Druckplatte Piastra di reazione	Visual locator punch Endkontrollstempel Punzone di visualizzazione	Trademark stamp Buchstabenstempel Punzone marchio
393	393	394	395	395

TDSA20-D	TDSA20-D	TDSA20-E	TDSA20-G	TDSA20-H
				
Trademark stamp Buchstabenstempel Punzone marchio	Trademark stamp Buchstabenstempel Punzone marchio	Stamps Buchstabenstempel Punzone di marcatura	Retainer for stamps Halteplatte Portatimbri	Stamps Buchstabenstempel Punzone marchio
395	396	396	396	397

TDSA21-A	TDSA21-A	TDSA21-B	TDSA21-D	TDSA30-C
				
Lifting pin Tragbolzen Perno di sollevamento	Lifting pin Tragbolzen Perno di sollevamento	Bush for lifting pin Buchse für Tragbolzen Boccola per perno di sollevamento	Threaded Steel Insert Gewindeeinsatz für Guss Inserto filettato per fusione	Standard key Passfeder Chiavetta
398	399	400	401	402

TDSA35-A	TDSB13-C	TDSB13-C	TDSB13-E
			
Spring plunger Federne druckstücke Espulsore a molla	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Wear plate VDI 3357 Gleitplatte VDI 3357 Piastra guida VDI 3357	Stop block Abstandsblock Distanziale
402	403	404	405

TDSA03-A

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VISUAL LOCATOR PUNCH - ENDKONTROLLSTEMPEL - PUNZONE DI VISUALIZZAZIONE



FORM A25



FORM A30

Notes

Material: X155CrVMo121
HRC: 58÷60

STOCK

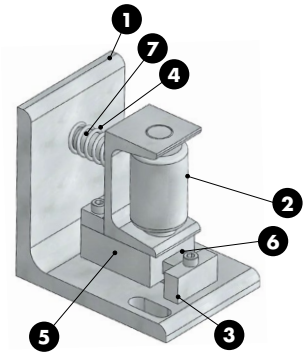
ORDER EXAMPLE	JLR CODE
	TDSA03-A30

JLR CODE	D1
TDSA03-A25	25
TDSA03-A30	30

TDSA03-B

OMCR

COIL GUIDE ROLLER - BANDFÜHRUNG - GUIDANASTRO MOBILE



Notes

2 WDX3-70-2202-A
1 3 4 5 6 7 **Material:** Steel

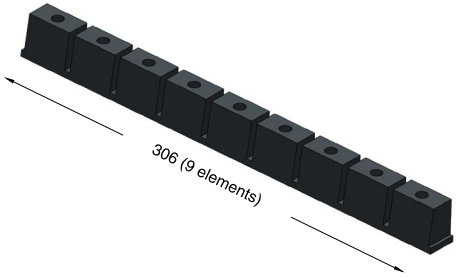
... STOCK

ORDER EXAMPLE	JLR CODE
	TDSA03-B

JLR CODE
TDSA03-B

TDSA03-D

STRIPPER FOR BLANKING DIES
ABSTREIFER FUR PLATINENSCHNITTE
ESTRATTORE PER STAMPI TRANCIASVILUPPO



Notes
Material: Elastomer 70SH

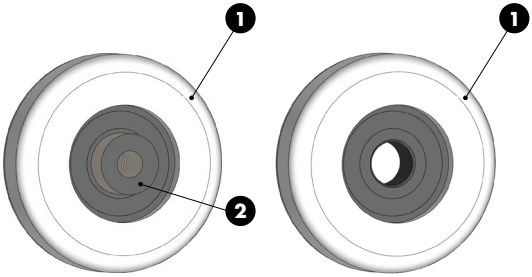
STOCK

ORDER EXAMPLE	JLR CODE
	TDSA03-D

JLR CODE
TDSA03-D

TDSA03-E

ROLLER - ROLLE - ROTELLA



FORM A **FORM B**

Notes
1 **Material:** Polyurethane 96 Shore
2 Steel

... STOCK

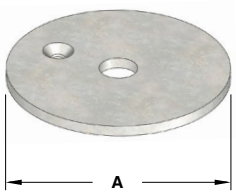
ORDER EXAMPLE	JLR CODE
	TDSA03-E1

JLR CODE	FORM
TDSA03-E1	A
TDSA03-E2	B

TDSA04-E

OMCR

DISTANCE PLATE - ABSTIMMSCHEIBE - DISTANZIALE



Notes

Material: St37

STOCK

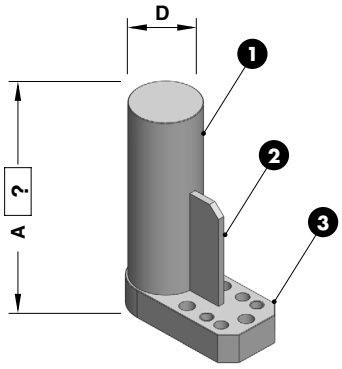
ORDER EXAMPLE	JLR CODE
	TDSA04-E100

JLR CODE	A
TDSA04-E075	73
TDSA04-E100	98

TDSA05-B

OMCR

SUPPORT - UNTERSTÜTZUNG - SUPPORTO



Notes

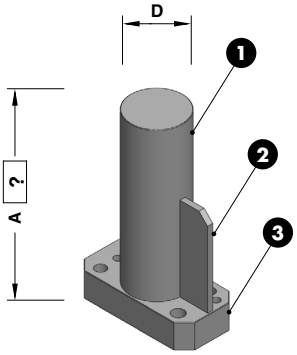
1 2 3 **Material:** C15

... STOCK

ORDER EXAMPLE	JLR CODE	A=200
	TDSA05-B70-	200

JLR CODE	D
TDSA05-B60-	60
TDSA05-B70-	70
TDSA05-B75-	75

SUPPORT - UNTERSTÜTZUNG - SUPPORTO



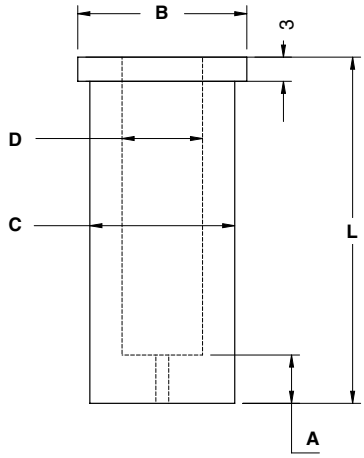
Notes
1 2 3 **Material:** C15

... STOCK

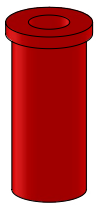
ORDER EXAMPLE	JLR CODE	A=200
	TDSA05-C70-	200

JLR CODE	D
TDSA05-C60-	60
TDSA05-C70-	70
TDSA05-C75-	75

ELASTOMER STRIPPER - ABSTREIFER - ESTRATTORE PER PUNZONI



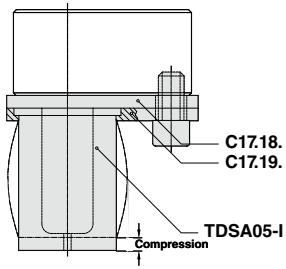
STOCK



Notes

Material: Elastomer 95SH A

Application example



* values for the stripping force are dependent on a number of parameters (e.g. lubricant, temperature etc.) and may vary from those given here.
** max spring travel should not exceed 15% of the length

ORDER EXAMPLE

JLR CODE
TDSA05-I20-43

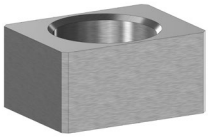
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TDSA05-I10-43	10	43	6	21	18
TDSA05-I10-63	10	63	6	21	18
TDSA05-I13-43	13	43	6	26	23
TDSA05-I13-63	13	63	6	26	23
TDSA05-I16-43	16	43	6	33	30
TDSA05-I16-63	16	63	6	33	30
TDSA05-I20-43	20	43	7	36	33
TDSA05-I20-63	20	63	7	36	33
TDSA05-I25-43	25	43	7	43	40
TDSA05-I25-63	25	63	7	43	40
TDSA05-I32-43	32	43	7	54	50
TDSA05-I32-63	32	63	7	54	50
TDSA05-I40-43	40	43	7	64	60
TDSA05-I40-63	40	63	7	64	60

STROKE**	3mm	6mm	9mm	3mm	6mm	9mm
LENGHT	43	43	43	63	63	63
D	Stripping forces (N)*					
10	1060	1820	2420	720	1450	1860
13	1700	2850	3820	1170	2320	2910
16	2514	4022	5229	1693	2709	3521
20	2900	4900	6490	2000	3950	5000
25	4440	7520	9680	3050	6050	7680
32	6840	11390	14660	4700	9310	11640
40	10100	20190	30290	6890	13780	20678

TDSA05-N

OMCR

RETAINER - HALTESTÜCK - RITEGNO PER MATRICE



Notes

Material: C15

STOCK

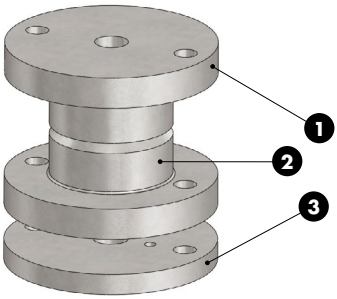
ORDER EXAMPLE	JLR CODE
	TDSA05-N

JLR CODE
TDSA05-N

TDSA06-A

OMCR

LOCATING CONE - KEGELDISTANZ - CONO DI CENTRAGGIO



Notes

1 2 **Material:** 16MnCr5
HRC: 58÷60

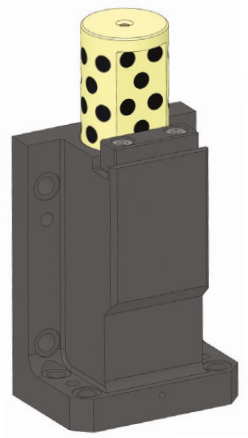
3 **Material:** CK45

STOCK ...

ORDER EXAMPLE	JLR CODE
	TDSA06-A

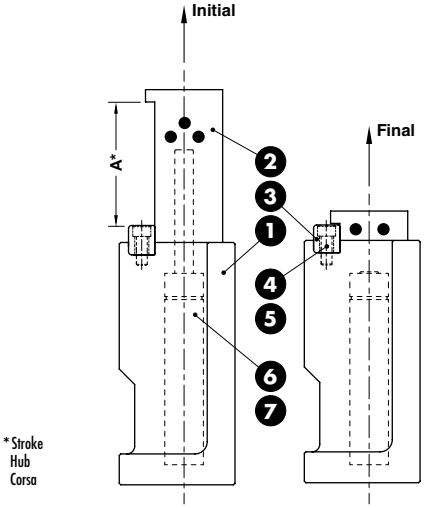
JLR CODE
TDSA06-A

FLANGE LIFTER - ABSTREIFER - SFLANGIATORE



Notes
1 **Material:** EN-GJL300
2 **Material:** Bronze + Graphite - **HB**>190
3 **Material:** 36NiCrMo4
4 M8x30 DIN 912
5 Schnorr Ø8
6 Gas Spring
7 M6x12 DIN 7991

STOCK ...



ORDER EXAMPLE

JLR CODE
TDSA06-B 80 050

JLR CODE	A	Initial (daN)	Final (daN)
TDSA06-B 50 050	50	50	86
TDSA06-B 50 100	50	100	172
TDSA06-B 50 150	50	150	258
TDSA06-B 50 200	50	200	344
TDSA06-B 80 050	80	50	86
TDSA06-B 80 100	80	100	172
TDSA06-B 80 150	80	150	258
TDSA06-B 80 200	80	200	344

TDSA06-C

OMCR

FLANGE LIFTER - ABSTREIFER - SFLANGIATORE



Notes

1. **Material:** EN-GJL300
2. **Material:** Bronze + Graphite - **HB**>190
3. **Material:** 36NiCrMo4
4. M8x30 DIN 912
5. Schnorr Ø8
6. Gas Spring
7. M6x12 DIN 7991

STOCK ...

ORDER EXAMPLE

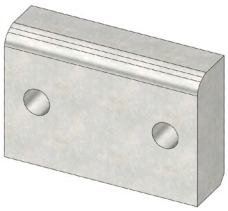
JLR CODE
TDSA06-C 50 150

JLR CODE	A	Initial (daN)	Final (daN)
TDSA06-C 50 050	50	50	86
TDSA06-C 50 100	50	100	172
TDSA06-C 50 150	50	150	258
TDSA06-C 50 200	50	200	344
TDSA06-C 80 050	80	50	86
TDSA06-C 80 100	80	100	172
TDSA06-C 80 150	80	150	258
TDSA06-C 80 200	80	200	344

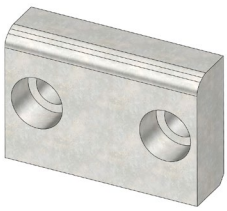
TDSA07-A

OMCR

POSITIVE RETURN WEAR PLATE - PLATTE - PIASTRA DI REAZIONE



TDSA07-A1



TDSA07-A2

Notes

Material: C15 - **HRC**: 58÷60

STOCK

ORDER EXAMPLE

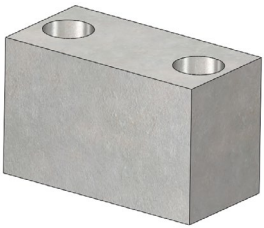
JLR CODE
TDSA07-A2

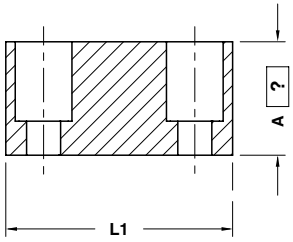
JLR CODE
TDSA07-A1
TDSA07-A2

TDSA07-C

OMCR

BALANCE BLOCK - DISTANZSTÜCK - DISTANZIALE





Notes

Material: S235

10

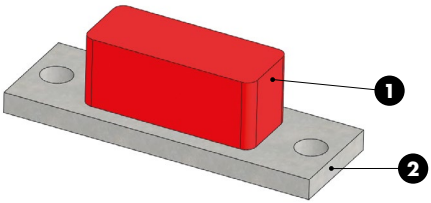
ORDER EXAMPLE	JLR CODE	A=50
	TDSA07-C1	A050

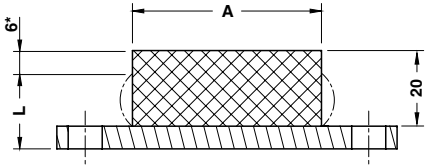
JLR CODE	L1
TDSA07-C1	100
TDSA07-C2	150

TDSA07-D

OMCR

CAM BUFFER - ANSCHLAG - ARRESTO





Notes

1 **Material:** Polyurethane 90 SH

2 **Material:** St37

STOCK ...

*Max. deflection
Max. zul. Federweg
Deflessione massima

**Gegenkraft bei 6mm max. zul. Federweg
Max. reaction force with 6 mm deflection
Forza di reazione massima per deflessione di 6mm

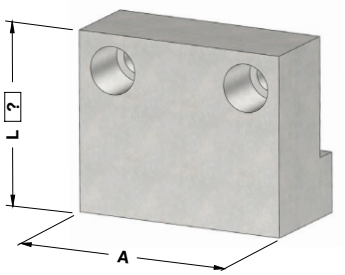
***Maximal absorbierte Energie bei 6 mm max. zul. Federweg
Massima energia assorbita con deflessione di 6 mm

ORDER EXAMPLE	JLR CODE
	TDSA07-D2

JLR CODE	A	Force for length "L" (kN)**	Max energy absorbion with 6 mm deflection (J)***
TDSA07-D1	50	10	30
TDSA07-D2	100	20	60

TDSA07-E

BUFFER SUPPORT - DÄMPFERHALTERUNG - SUPPORTO AMMORTIZZATORE



Notes

Material: CK45

10

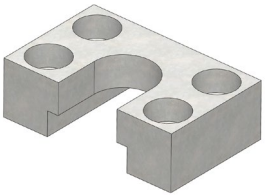
*Eigesetz mit nockendämpfer
Usato con cam buffer

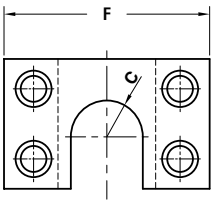
ORDER EXAMPLE	JLR CODE	L=70
	TDSA07-E1	L070

JLR CODE	A	Used with cam buffer*
TDSA07-E1	90	TDSA07-D1
TDSA07-E2	140	TDSA07-D2

TDSA07-F

COUPLING PLATE - BEFESTIGUNGSPLATTE - STAFFA DI REAZIONE





Notes

Material: CK45

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA07-F2

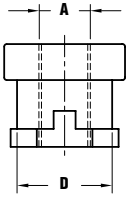
JLR CODE	F	C
TDSA07-F1	80	14
TDSA07-F2	100	20
TDSA07-F3	120	25
TDSA07-F4	150	33

TDSA07-G

OMCR

COUPLING NUT - KUPPLUNGSMUTTER - AGGANCIO STAFFA





Notes

Material: CK45

STOCK

ORDER EXAMPLE

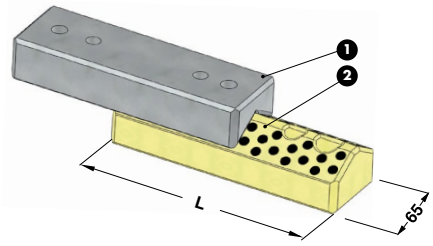
JLR CODE
TDSA07-G3

JLR CODE	A	D
TDSA07-G1	M10x1.25	25
TDSA07-G2	M12x1.25	25
TDSA07-G3	M16x1.5	37
TDSA07-G4	M20x1.5	37
TDSA07-G5	M27x2	37
TDSA07-G6	M36x2	47
TDSA07-G7	M42x2	59

TDSA07-H

OMCR

"V" DRIVER VDI 3357 - PRISMENFÜHRUNG VDI 3357 - GUIDA A "V" VDI 3357



Notes

1. **Material:** CK45
   HRC: 58÷60
2. **Material:** Bronze + Graphite
   HB > 190

STOCK

ORDER EXAMPLE

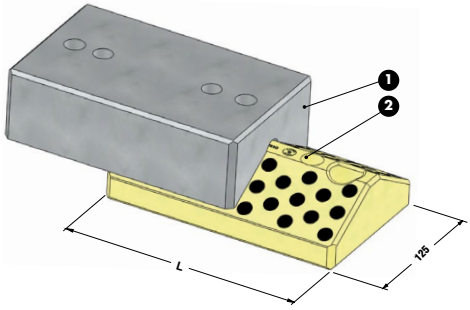
JLR CODE
TDSA07-H1

JLR CODE	L
TDSA07-H1	150
TDSA07-H2	200

TDSA07-I

OMCR

"V" DRIVER VDI 3357 - PRISMENFÜHRUNG VDI 3357 - GUIDA A "V" VDI 3357



Notes

1. **Material:** CK45
   HRC: 58÷60
2. **Material:** Bronze + Graphite
   HB > 190

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA07-I1

JLR CODE	L
TDSA07-I1	150
TDSA07-I2	200

TDSA07-J

OMCR

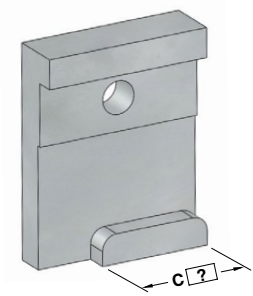
POSITIVE RETURN - ZWANGRÜCKHOLER - GANCIO

Notes

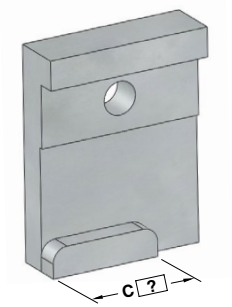
Material: CK45 - **HRC:** 28÷30

10

TYPE R



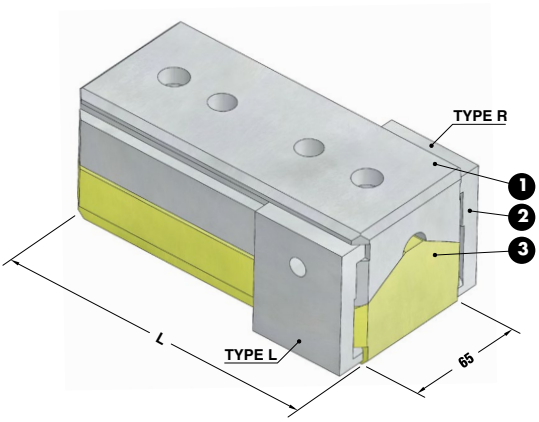
TYPE L



ORDER EXAMPLE	JLR CODE	TYPE	C=24
	TDSA07-J	R	C24

JLR CODE
TDSA07-J

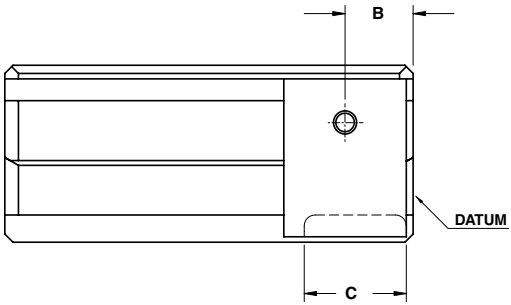
"V" DRIVER WITH POSITIVE RETURN
PRISMENFÜHRUNG MIT ZWANGSRÜCKHOLER
GUIDA A "V" CON GANCIO DI RITORNO



Notes

1. **Material:** CK45 - **HRC:** 58÷60
2. **Material:** 42CrMo4
3. **Material:** Bronze + Graphite **HB** > 190





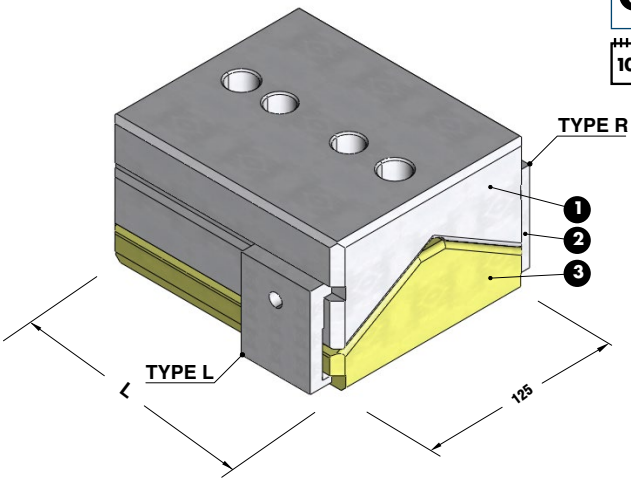
ORDER EXAMPLE	JLR CODE	B=26	C=24	TYPE
	TDSA07-J1	B26	C24	R

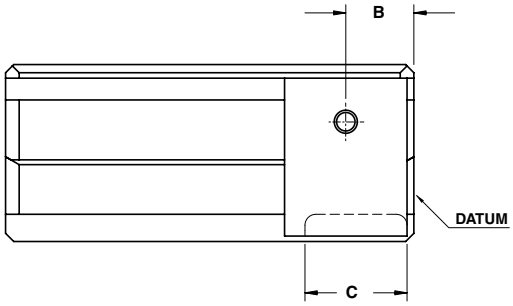
JLR CODE	L	Clamp	TYPE
TDSA07-J1	150	RIGHT	R
TDSA07-J1	150	LEFT	L
TDSA07-J1	150	BOTH	RL
TDSA07-J2	200	RIGHT	R
TDSA07-J2	200	LEFT	L
TDSA07-J2	200	BOTH	RL

"V" DRIVER WITH POSITIVE RETURN
PRISMENFÜHRUNG MIT ZWANGSRÜCKHOLER
GUIDA A "V" CON GANCIO DI RITORNO

Notes

1. **Material:** CK45 - **HRC:** 58÷60
2. **Material:** 42CrMo4
3. **Material:** Bronze + Graphite **HB** > 190

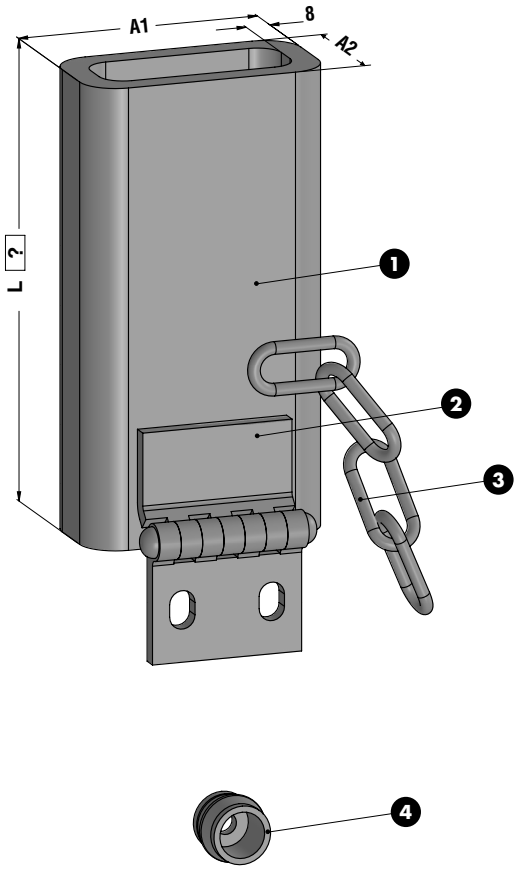




ORDER EXAMPLE	JLR CODE	B=26	C=24	TYPE
	TDSA07-K1	B26	C24	R

JLR CODE	L	Clamp	TYPE
TDSA07-K1	150	RIGHT	R
TDSA07-K1	150	LEFT	L
TDSA07-K1	150	BOTH	RL
TDSA07-K2	200	RIGHT	R
TDSA07-K2	200	LEFT	L
TDSA07-K2	200	BOTH	RL

"SPACING BAR - ABSTELLBOLZEN - DISTANZIALE



L max. = 400

Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

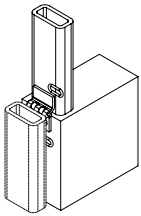
Notes

1 2 3 **Material:** Steel

4 **Material:** CO-Polyester Elastomer

STOCK ...

Application example



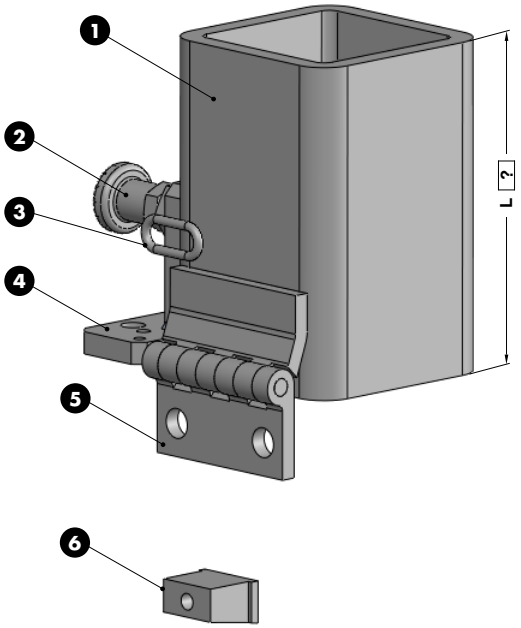
Standard JLR

ORDER EXAMPLE	JLR CODE	L=150
	TDSA12-A	L150

JLR CODE	A1	A2
TDSA12-A	80	40

"SPACING BAR - ABSTELLBOLZEN - DISTANZIALE

STOCK



L max. = 400

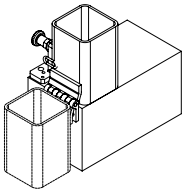
Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

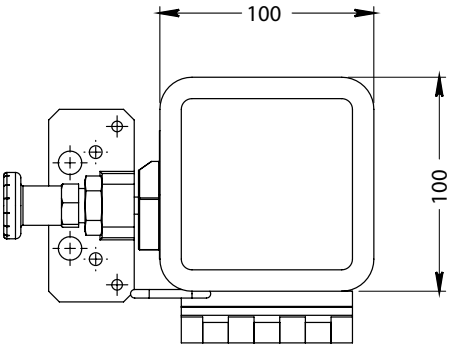
1 2 3 4 5 **Material:** Steel

6 **Material:** Elastomer

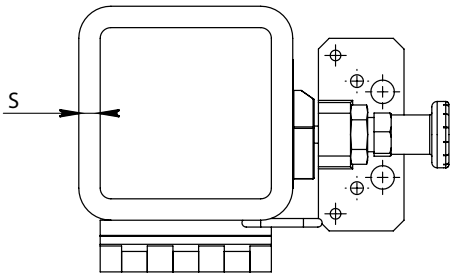
Application example



TYPE L



TYPE R

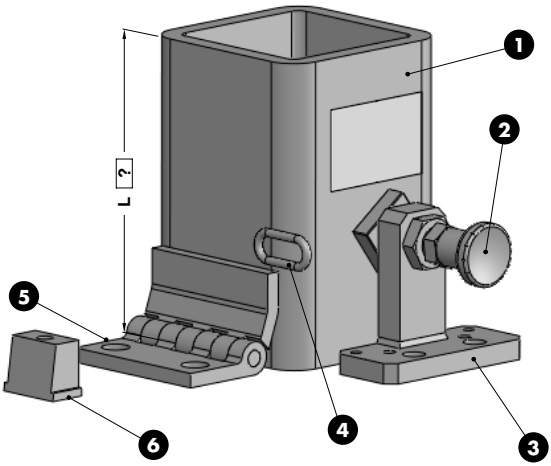


ORDER EXAMPLE

JLR CODE	L=150
TDSA12-B3-L	150

JLR CODE	S	TYPE
TDSA12-B1-L	10	L
TDSA12-B1-R	10	R

"SPACING BAR - ABSTELLBOLZEN - DISTANZIALE



L max. = 400

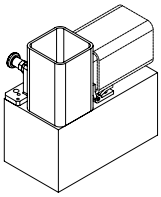
Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

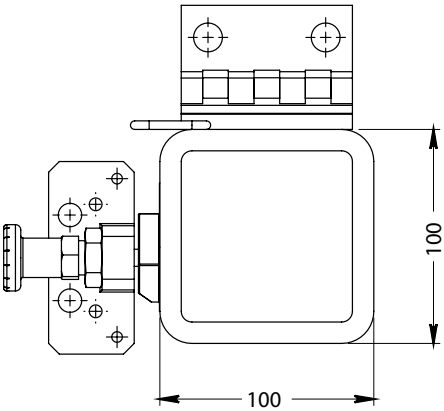
1 2 3 4 5 **Material:** Steel

6 **Material:** Elastomer

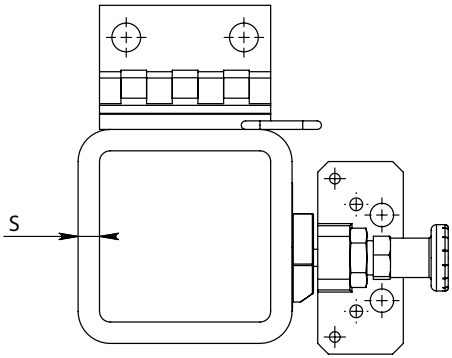
Application example



TYPE L



TYPE R



ORDER EXAMPLE	JLR CODE	L=150
	TDSA12-B2-R	150

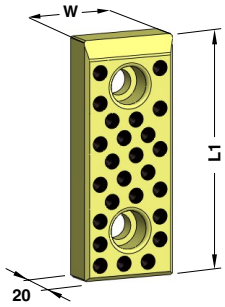
JLR CODE	S	TYPE
TDSA12-B2-L	10	L
TDSA12-B2-R	10	R

WEAR PLATE VDI 3357 - GLEITPLATTE VDI 3357 - PIASTRA GUIDA VDI 3357

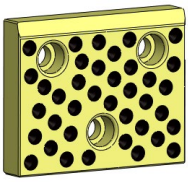
Notes

Material: Bronze + Graphite
HB > 190

STOCK



FORM A



FORM B



FORM C

ORDER EXAMPLE

JLR CODE
TDSA13-A 100 100-Y

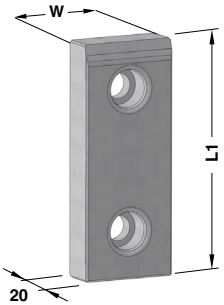
JLR CODE	W	L	FORM
TDSA13-A 50 100-Y	50	100	A
TDSA13-A 50 160-Y	50	160	A
TDSA13-A 50 200-Y	50	200	A
TDSA13-A 80 100-Y	80	100	A
TDSA13-A 80 160-Y	80	160	A
TDSA13-A 80 200-Y	80	200	A
TDSA13-A 80 250-Y	80	250	A
TDSA13-A 80 315-Y	80	315	A
TDSA13-A 100 50-Y	100	50	A
TDSA13-A 100 100-Y	100	100	A
TDSA13-A 100 160-Y	100	160	A
TDSA13-A 100 200-Y	100	200	A
TDSA13-A 100 250-Y	100	250	A
TDSA13-A 100 315-Y	100	315	A
TDSA13-A 125 100-Y	125	100	B
TDSA13-A 125 160-Y	125	160	B
TDSA13-A 125 200-Y	125	200	B
TDSA13-A 125 250-Y	125	250	B
TDSA13-A 125 315-Y	125	315	B
TDSA13-A 160 100-Y	160	100	B
TDSA13-A 160 160-Y	160	160	B
TDSA13-A 160 200-Y	160	200	B
TDSA13-A 160 250-Y	160	250	C
TDSA13-A 160 315-Y	160	315	C

WEAR PLATE VDI 3357 - GLEITPLATTE VDI 3357 - PIASTRA GUIDA VDI 3357

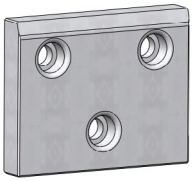
Notes

Material: 16MnCr5
HRC: 58÷60

STOCK



FORM A



FORM B



FORM C

ORDER EXAMPLE

JLR CODE
TDSA13-A 125 200-X

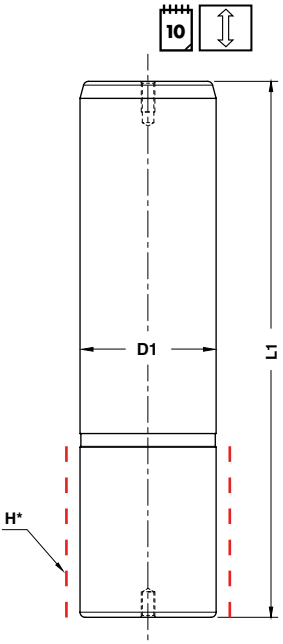
JLR CODE	W	L	FORM	JLR CODE	W	L	FORM
TDSA13-A 50 100-X	50	100	A	TDSA13-A 125 160-X	125	160	B
TDSA13-A 50 160-X	50	160	A	TDSA13-A 125 200-X	125	200	B
TDSA13-A 50 200-X	50	200	A	TDSA13-A 125 250-X	125	250	B
TDSA13-A 80 100-X	80	100	A	TDSA13-A 125 315-X	125	315	B
TDSA13-A 80 160-X	80	160	A	TDSA13-A 160 100-X	160	100	B
TDSA13-A 80 200-X	80	200	A	TDSA13-A 160 160-X	160	160	B
TDSA13-A 80 250-X	80	250	A	TDSA13-A 160 200-X	160	200	B
TDSA13-A 80 315-X	80	315	A	TDSA13-A 160 250-X	160	250	C
TDSA13-A 100 50-X	100	50	A	TDSA13-A 160 315-X	160	315	C
TDSA13-A 100 100-X	100	100	A				
TDSA13-A 100 160-X	100	160	A				
TDSA13-A 100 200-X	100	200	A				
TDSA13-A 100 250-X	100	250	A				
TDSA13-A 100 315-X	100	315	A				
TDSA13-A 125 100-X	125	100	B				

GUIDE POST NAAMS - FÜHRUNGSSÄULE NAAMS - COLONNA GUIDA NAAMS



Notes

Material: Steel
HRC: 60÷62

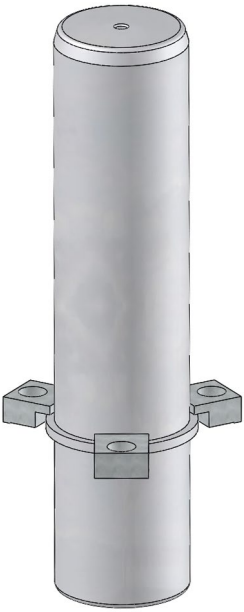


*Option "H" for D1= 80÷125: unhardened area
Option "H" für D1= 80÷125: ungehärteter Bereich
Opzione "H" per D1= 80÷125: area non temprata

ORDER EXAMPLE	JLR CODE	OPTION H
	TDSA13-B 80 355	H

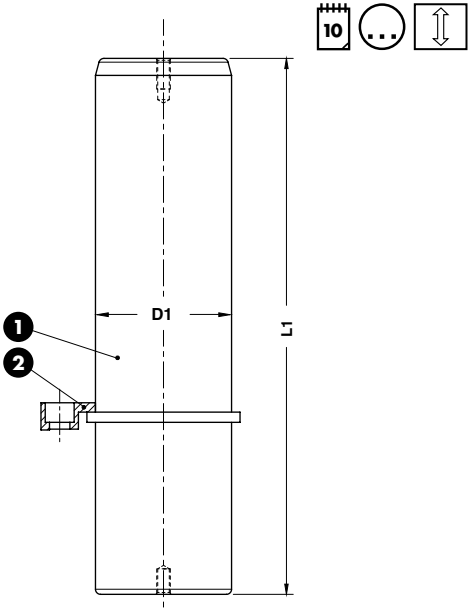
JLR CODE	D1	L1	JLR CODE	D1	L1
TDSA13-B 25 140	25	140	TDSA13-B 63 224	63	224
TDSA13-B 25 160	25	160	TDSA13-B 63 250	63	250
TDSA13-B 25 180	25	180	TDSA13-B 63 280	63	280
TDSA13-B 32 140	32	140	TDSA13-B 63 315	63	315
TDSA13-B 32 160	32	160	TDSA13-B 63 355	63	355
TDSA13-B 32 180	32	180	TDSA13-B 63 400	63	400
TDSA13-B 32 200	32	200	TDSA13-B 80 250	80	250
TDSA13-B 40 160	40	160	TDSA13-B 80 280	80	280
TDSA13-B 40 180	40	180	TDSA13-B 80 315	80	315
TDSA13-B 40 200	40	200	TDSA13-B 80 355	80	355
TDSA13-B 40 224	40	224	TDSA13-B 80 400	80	400
TDSA13-B 40 250	40	250	TDSA13-B 80 500	80	500
TDSA13-B 50 160	50	160	TDSA13-B 100 315	100	315
TDSA13-B 50 180	50	180	TDSA13-B 100 355	100	355
TDSA13-B 50 200	50	200	TDSA13-B 100 400	100	400
TDSA13-B 50 224	50	224	TDSA13-B 100 500	100	500
TDSA13-B 50 250	50	250	TDSA13-B 125 355	125	355
TDSA13-B 50 280	50	280	TDSA13-B 125 400	125	400
TDSA13-B 50 315	50	315	TDSA13-B 125 500	125	500
TDSA13-B 63 200	63	200			

GUIDE POST NAAMS - FÜHRUNGSSÄULE NAAMS - COLONNA GUIDA NAAMS



Notes

1. **Material:** Steel
   HRC: 60÷62
2. **Material:** CK45
   E47.11.323216



ORDER EXAMPLE

JLR CODE
TDSA13-C 50 160-A

JLR CODE	D1	L1	Toe clamp qty.
TDSA13-C 25 140-A	25	140	2
TDSA13-C 25 160-A	25	160	2
TDSA13-C 25 180-A	25	180	2
TDSA13-C 32 140-A	32	140	2
TDSA13-C 32 160-A	32	160	2
TDSA13-C 32 180-A	32	180	2
TDSA13-C 32 200-A	32	200	2
TDSA13-C 40 160-A	40	160	2
TDSA13-C 40 180-A	40	180	2
TDSA13-C 40 200-A	40	200	2
TDSA13-C 40 224-A	40	224	2
TDSA13-C 40 250-A	40	250	2
TDSA13-C 50 160-A	50	160	2
TDSA13-C 50 180-A	50	180	2
TDSA13-C 50 200-A	50	200	2
TDSA13-C 50 224-A	50	224	2
TDSA13-C 50 250-A	50	250	2
TDSA13-C 50 280-A	50	280	2

JLR CODE	D1	L1	Toe clamp qty.
TDSA13-C 50 315-A	50	315	2
TDSA13-C 63 200-A	63	200	3
TDSA13-C 63 224-A	63	224	3
TDSA13-C 63 250-A	63	250	3
TDSA13-C 63 280-A	63	280	3
TDSA13-C 63 315-A	63	315	3
TDSA13-C 63 355-A	63	355	3
TDSA13-C 63 400-A	63	400	3
TDSA13-C 80 250-A	80	250	3
TDSA13-C 80 280-A	80	280	3
TDSA13-C 80 315-A	80	315	3
TDSA13-C 80 355-A	80	355	3
TDSA13-C 80 400-A	80	400	3
TDSA13-C 80 500-A	80	500	3
TDSA13-C 100 315-A	100	315	3
TDSA13-C 100 355-A	100	355	3
TDSA13-C 100 400-A	100	400	3
TDSA13-C 100 500-A	100	500	3

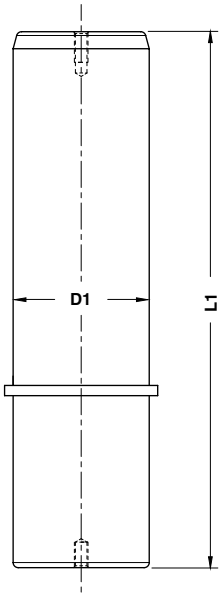
GUIDE POST NAAMS - FÜHRUNGSSÄULE NAAMS - COLONNA GUIDA NAAMS



Notes

Material: Steel
HRC: 60÷62

10



ORDER EXAMPLE

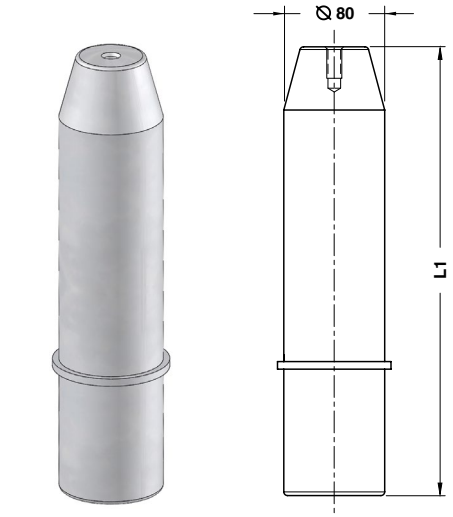
JLR CODE
TDSA13-C 80 355

JLR CODE	D1	L1	JLR CODE	D1	L1
TDSA13-C 25 140	25	140	TDSA13-C 50 315	50	315
TDSA13-C 25 160	25	160	TDSA13-C 63 200	63	200
TDSA13-C 25 180	25	180	TDSA13-C 63 224	63	224
TDSA13-C 32 140	32	140	TDSA13-C 63 250	63	250
TDSA13-C 32 160	32	160	TDSA13-C 63 280	63	280
TDSA13-C 32 180	32	180	TDSA13-C 63 315	63	315
TDSA13-C 32 200	32	200	TDSA13-C 63 355	63	355
TDSA13-C 40 160	40	160	TDSA13-C 63 400	63	400
TDSA13-C 40 180	40	180	TDSA13-C 80 250	80	250
TDSA13-C 40 200	40	200	TDSA13-C 80 280	80	280
TDSA13-C 40 224	40	224	TDSA13-C 80 315	80	315
TDSA13-C 40 250	40	250	TDSA13-C 80 355	80	355
TDSA13-C 50 160	50	160	TDSA13-C 80 400	80	400
TDSA13-C 50 180	50	180	TDSA13-C 80 500	80	500
TDSA13-C 50 200	50	200	TDSA13-C 100 315	100	315
TDSA13-C 50 224	50	224	TDSA13-C 100 355	100	355
TDSA13-C 50 250	50	250	TDSA13-C 100 400	100	400
TDSA13-C 50 280	50	280	TDSA13-C 100 500	100	500

TDSA13-D

OMCR

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA



Notes

Material: Steel
HRC: 58÷60

10

Standard JLR

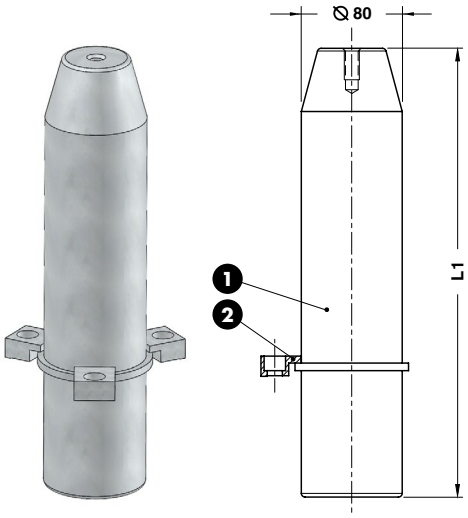
ORDER EXAMPLE	JLR CODE
	TDSA13-D355

JLR CODE	L1
TDSA13-D315	315
TDSA13-D355	355
TDSA13-D400	400

TDSA13-D

OMCR

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA



Notes

1. **Material:** Steel
   HRC: 58÷60
2. **Material:** CK45
   E47.11.323216

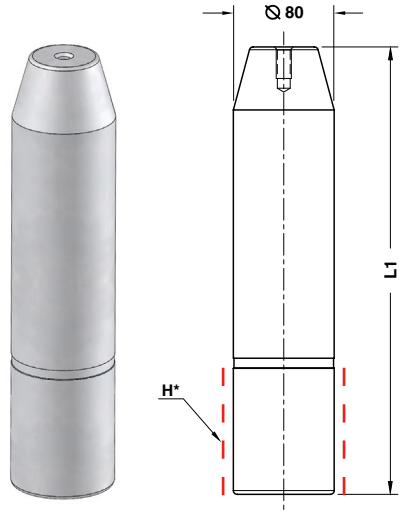
10 ...

ORDER EXAMPLE	JLR CODE
	TDSA13-D355-A

JLR CODE	L1	Toe clamp qty.
TDSA13-D315-A	315	3
TDSA13-D355-A	355	3
TDSA13-D400-A	400	3

TDSA13-E

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA



Notes

Material: Steel
HRC: 58÷60

10

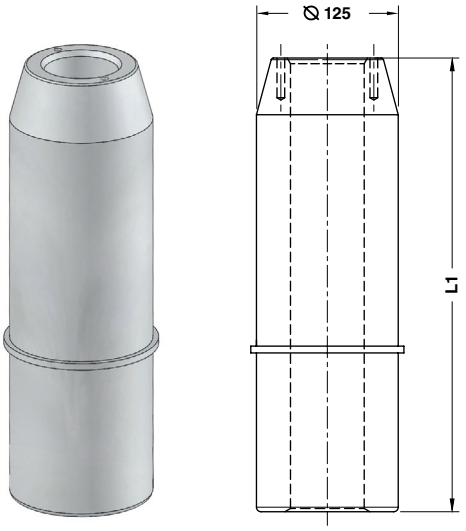
*Option "H": unhardened area
Option "H": ungehärteter Bereich
Opzione "H": area non temprata

ORDER EXAMPLE	JLR CODE	OPTION H
	TDSA13-E315	H

JLR CODE	L1
TDSA13-E315	315
TDSA13-E355	355
TDSA13-E400	400

TDSA13-F

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA



Notes

Material: Steel
HRC: 60÷62

10

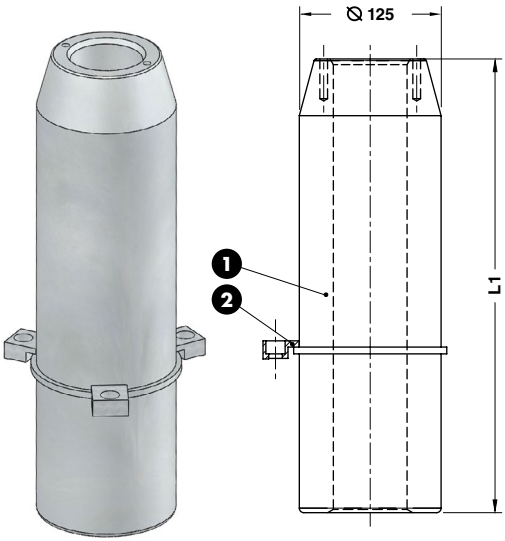
ORDER EXAMPLE	JLR CODE
	TDSA13-F450

JLR CODE	L1
TDSA13-F400	400
TDSA13-F450	450
TDSA13-F500	500

TDSA13-F

OMCR

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA



Notes

1. **Material:** Steel
   HRC: 60÷62
2. **Material:** CK45
   E47.11.323216

10

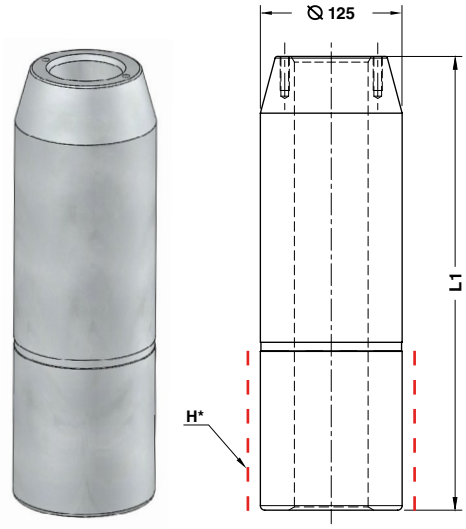
ORDER EXAMPLE	JLR CODE
	TDSA13-F450-A

JLR CODE	L1	Toe clamp qty.
TDSA13-F400-A	400	3
TDSA13-F450-A	450	3
TDSA13-F500-A	500	3

TDSA13-G

OMCR

GUIDE POST - FÜHRUNGSSÄULE - COLONNA GUIDA



Notes

Material: Steel
HRC: 60÷62

10

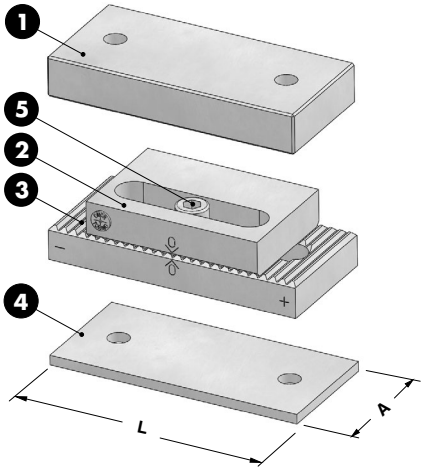
*Option "H": unhardened area
Option "H": ungehärteter Bereich
Opzione "H": area non temprata

ORDER EXAMPLE	JLR CODE	OPTION H
	TDSA13-G450	H

JLR CODE	L1
TDSA13-G400	400
TDSA13-G450	450
TDSA13-G500	500

TDSA13-H

SPACER PLATE TOOTHED - DISTANZPLATTE GEZAHNT - TASSELLO DI COMPENSAZIONE



Notes

1 2 3 **Material:** 90MnCrV8 - **HRC**: 58÷60

4 **Material:** Steel

5 DIN 912

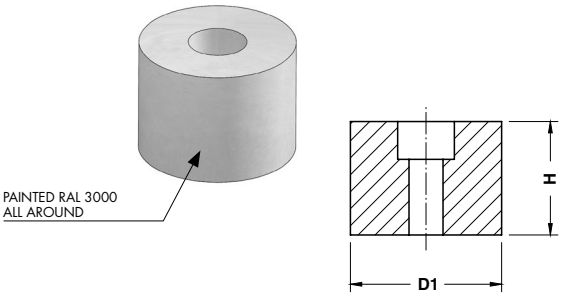
STOCK ...

ORDER EXAMPLE	JLR CODE
	TDSA13-H

JLR CODE	L	A
TDSA13-H	130	60

TDSA13-I

STOP BLOCK - ABSTANDSBLOCK - DISTANZIALE



Notes

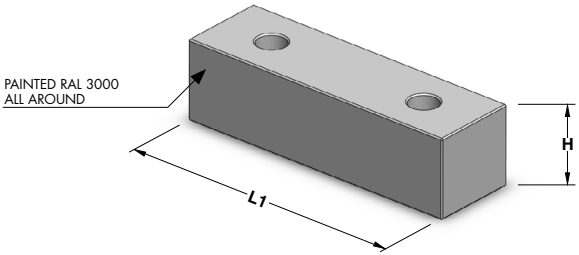
Material: CK45

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA13-I060

JLR CODE	D1	H
TDSA13-I040	40	30
TDSA13-I060	60	50
TDSA13-I100	100	50

STOP BLOCK - ANSCHLAG - BLOCCHETTO DI ARRESTO



Notes
Material: CK45

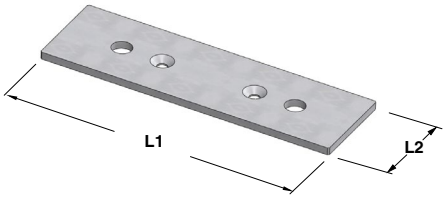
STOCK

ORDER EXAMPLE	JLR CODE
	TDSA13-J1

JLR CODE	L1	H
TDSA13-J1	200	55

TDSA13-J OMCR

SHIM - ABSTIMMSCHEIBE - SPESSORE



Notes
Material: CK45

STOCK

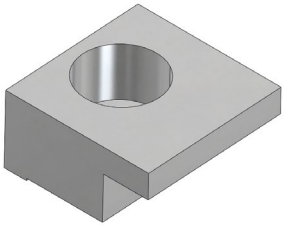
ORDER EXAMPLE	JLR CODE
	TDSA13-J2 v2

JLR CODE	L1	L2
TDSA13-J2 v2	200	60

TDSA13-K

OMCR

TOE CLAMP - HALTESTÜCK - RITEGNO

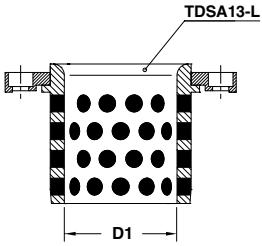


STOCK

Notes

Material: CK45

Application example



ORDER EXAMPLE

JLR CODE
TDSA13-K

JLR CODE
TDSA13-K

TDSA13-L

OMCR

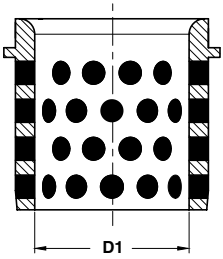
GUIDE BUSH NAAMS - FÜHRUNGSBUCHSE NAAMS - BOCCOLA AUTOLUBRIFICANTE NAAMS



Notes

Material: Bronze + Graphite
HB > 190

STOCK



ORDER EXAMPLE

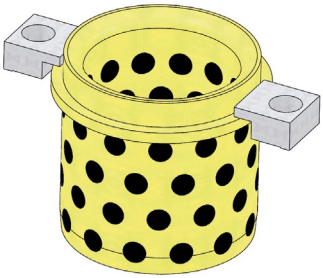
JLR CODE
TDSA13-L40

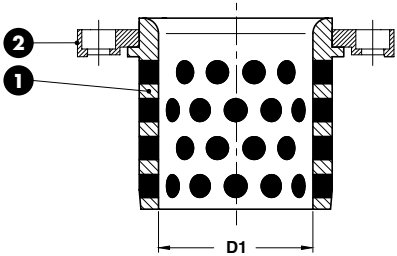
JLR CODE	D1
TDSA13-L25	25
TDSA13-L32	32
TDSA13-L40	40
TDSA13-L50	50
TDSA13-L63	63
TDSA13-L80	80
TDSA13-L100	100
TDSA13-L125	125

TDSA13-L

OMCR

GUIDE BUSH NAAMS - FÜHRUNGSBUCHSE NAAMS - BOCCOLA AUTOLUBRIFICANTE NAAMS





Notes

1. **Material:** Bronze + Graphite **HB** > 190
2. **Material:** CK45 - E47.11.323216

STOCK ...

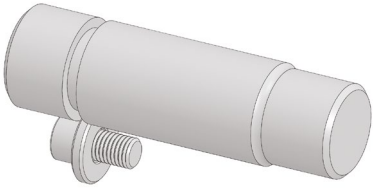
ORDER EXAMPLE	JLR CODE
	TDSA13-L40-A

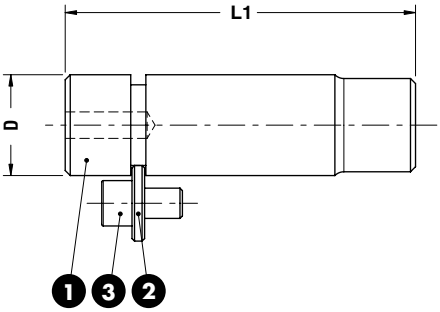
JLR CODE	D1	Toe clamp qty.
TDSA13-L 25-A	25	1
TDSA13-L 32-A	32	1
TDSA13-L 40-A	40	1
TDSA13-L 50-A	50	1
TDSA13-L 63-A	63	2
TDSA13-L 80-A	80	2
TDSA13-L 100-A	100	2
TDSA13-L 125-A	125	2

TDSA14-D

OMCR

PAD RETAINER PIN - STECKBOLZEN - PERNO DI ARRESTO





Notes

1. **Material:** CK45
2. **Material**: St37
3. DIN 912 M12x20

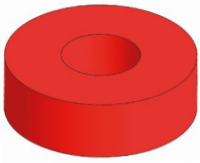
STOCK ...

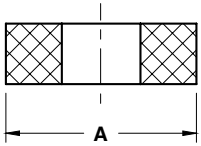
ORDER EXAMPLE	JLR CODE
	TDSA14-D35

JLR CODE	D	L
TDSA14-D25	25	110
TDSA14-D35	35	130
TDSA14-D50	50	170
TDSA14-D63	63	210

TDSA14-E

BUFFER - STOSSDÄMPFER - AMMORTIZZATORE





Notes
Material: Elastomer 92 SH

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA14-E24

JLR CODE	Size	A
TDSA14-E16	M16	50
TDSA14-E20	M20	63
TDSA14-E24	M24	80
TDSA14-E30	M30	100

TDSA14-F

SPECIAL RETAINER PIN PLATE
SPEZIAL-HALTESTIFTPLATTE
PIASTRA SPECIALE PER PERNO DI ARRESTO



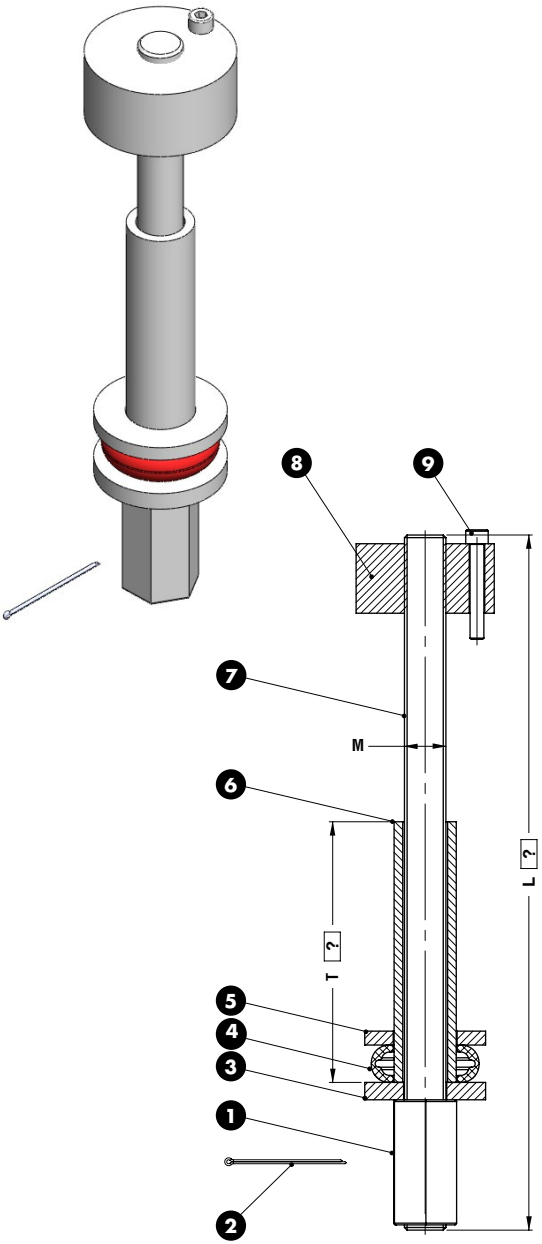
Notes
Material: S235JR

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA14-F

JLR CODE
TDSA14-F

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE



Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

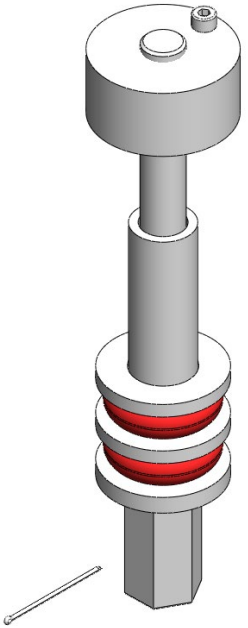
1. Hexagon connecting nuts DIN 6334
2. Split Pin. DIN EN ISO 1234
3. Material: CK45 - HRC: 30÷34
4. Material: CO-Polyester Elastomer
5. Material: 90MnCrV8 - HRC: 54÷58
6. Tube
7. Material: Thread rod cl 12.9
8. Material: CK45
9. DIN 912

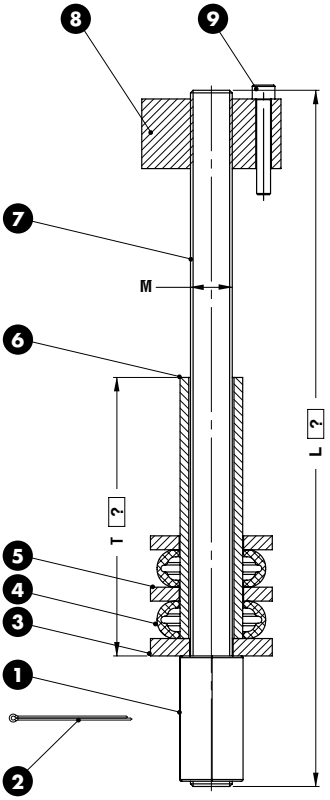
10 ...

ORDER EXAMPLE	JLR CODE	M=M24	T=160	L=381
	TDSA14-G1	M24	T160	L381

JLR CODE	Y max
TDSA14-G1 M16	M16
TDSA14-G1 M20	M20
TDSA14-G1 M24	M24
TDSA14-G1 M30	M30

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE





Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. Hexagon connecting nuts DIN 6334
2. Split Pin. DIN EN ISO 1234
3. Material: CK45 - HRC: 30÷34
4. Material: CO-Polyester Elastomer
5. Material: 90MnCrV8 - HRC: 54÷58
6. Tube
7. Material: Thread rod cl 12.9
8. Material: CK45
9. DIN 912

10 ...

ORDER EXAMPLE	JLR CODE	M=M24	T=160	L=381
	TDSA14-G2	M24	T160	L381

JLR CODE	Y max
TDSA14-G2 M16	M16
TDSA14-G2 M20	M20
TDSA14-G2 M24	M24
TDSA14-G2 M30	M30

ANTI-REBOUND PAD RETAINER
HALTEELEMENT MIT DÄMPFUNG
GRUPPO TIRANTE ANTIRIMBALZO

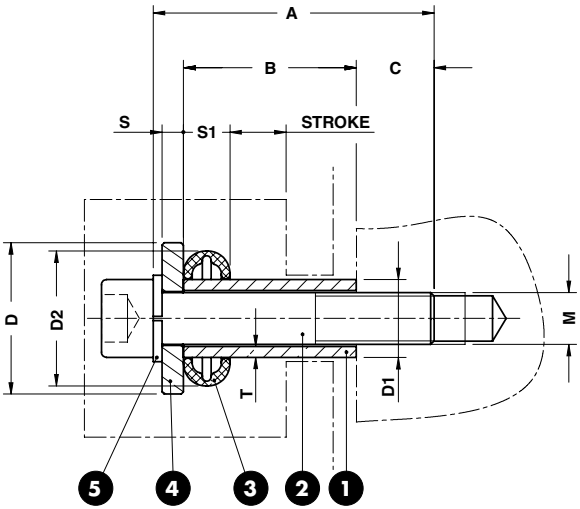


Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. **Material:** St37
2. DIN 912 cl. 8.8
3. C17.27
4. **Material:** CK45
5. DIN 127

STOCK ...



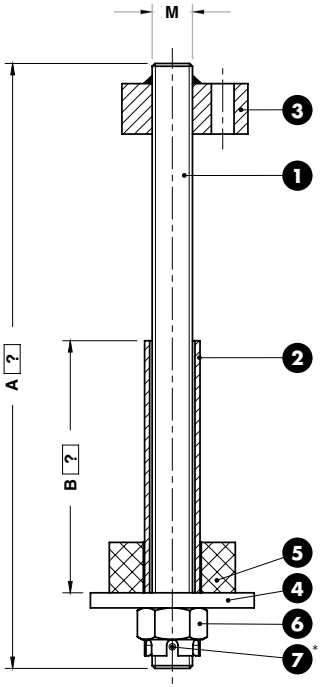
For dimensioning see pages 90-91
Dimensionierung s. Seiten 90-91
Per il dimensionamento vedi pagine 90-91

ORDER EXAMPLE	JLR CODE	M=M24	B=125
	TDSA14-G3	M24	B125

JLR CODE	M	B
TDSA14-G3 M10 B040	M10	40
TDSA14-G3 M10 B050	M10	50
TDSA14-G3 M10 B063	M10	63
TDSA14-G3 M10 B100	M10	100
TDSA14-G3 M12 B050	M12	50
TDSA14-G3 M12 B063	M12	63
TDSA14-G3 M12 B080	M12	80
TDSA14-G3 M12 B100	M12	100
TDSA14-G3 M16 B063	M16	63
TDSA14-G3 M16 B080	M16	80
TDSA14-G3 M16 B100	M16	100
TDSA14-G3 M16 B125	M16	125
TDSA14-G3 M20 B080	M20	80
TDSA14-G3 M20 B125	M20	125
TDSA14-G3 M24 B080	M24	80
TDSA14-G3 M24 B100	M24	100
TDSA14-G3 M24 B125	M24	125
TDSA14-G3 M30 B080	M30	80
TDSA14-G3 M30 B100	M30	100
TDSA14-G3 M30 B125	M30	125

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE





Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. **Material:** Thread rod cl 8.8
2. Tube DIN 2391
3. **Material:** St37
4. **Material:** CK45
5. **Material:** Elastomer 92SH
6. Hexagon castle nut DIN 935
7. Split Pin. DIN EN ISO 1234

10 ...

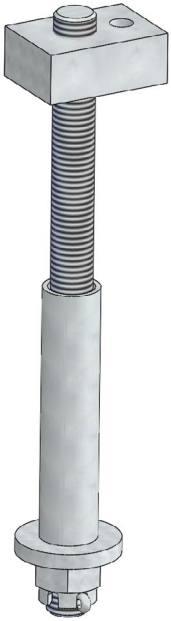
ORDER EXAMPLE

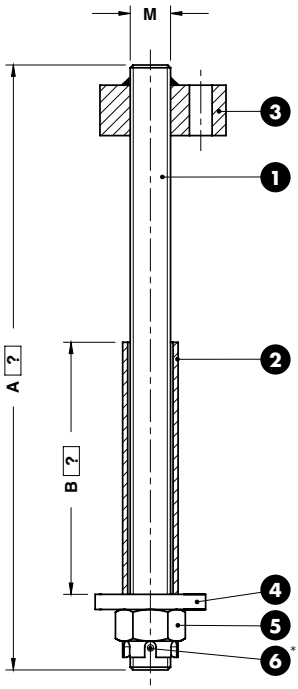
JLR CODE	M=M20	B=160	A=352
TDSA14-H	M20	B160	A352

JLR CODE	M
TDSA14-H M16	M16
TDSA14-H M20	M20
TDSA14-H M24	M24
TDSA14-H M30	M30

*Drill hole in rod for copper pin at assembly
Bohrung für splint durchzuführen bei der montage
Foro per coppiglia da eseguire al montaggio

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE





Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. **Material:** Thread rod cl 8.8
2. Tube DIN 2391
3. **Material:** St37
4. **Material:** CK45
5. Hexagon castle nut DIN 935
6. Split Pin. DIN EN ISO 1234

10 ...

ORDER EXAMPLE

JLR CODE	M=M20	B=160	A=352
TDSA14-I	M20	B160	A352

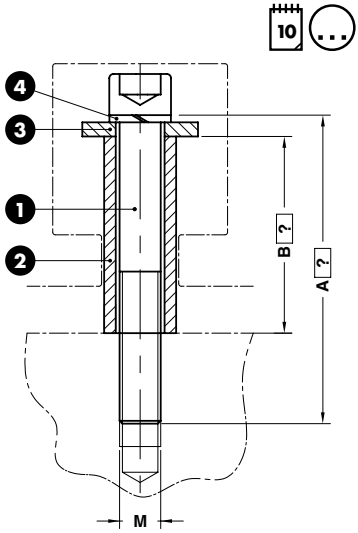
JLR CODE	M
TDSA14-I M16	M16
TDSA14-I M20	M20

*Drill hole in rod for copper pin at assembly
Bohrung für splint durchzufuhren bei der montage
Foro per coppiglia da eseguire al montaggio

TDSA14-J

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE





Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. DIN 912
2. Tube DIN 2391
3. **Material:** CK45
4. DIN 912 CL8.8

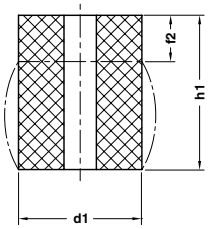
ORDER EXAMPLE	JLR CODE	M=M12	B=165	A=190
	TDSA14-J	M12	B165	A190

JLR CODE	M
TDSA14-J M10	M10
TDSA14-J M12	M12
TDSA14-J M16	M16

TDSA14-K

ELASTOMER SPRING - ELASTOMERFEDER - MOLLA IN ELASTOMERO





Notes

Material: Elastomer 90SH

S = max. 30% H

STOCK

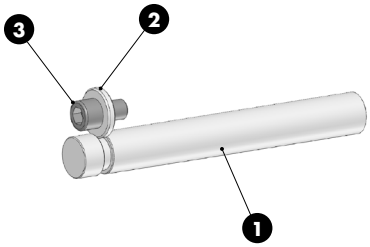
ORDER EXAMPLE	JLR CODE
	TDSA14-K 63 40

JLR CODE	d1	f2	h1	JLR CODE	d1	f2	h1	JLR CODE	d1	f2	h1
TDSA14-K 40 32	40	2,5	32	TDSA14-K 50 80	50	6,4	80	TDSA14-K 80 32	80	2,5	32
TDSA14-K 40 40	40	3,2	40	TDSA14-K 50 100	50	8	100	TDSA14-K 80 40	80	3,2	40
TDSA14-K 40 50	40	4	50	TDSA14-K 63 32	63	2,5	32	TDSA14-K 80 50	80	4	50
TDSA14-K 40 63	40	5	63	TDSA14-K 63 40	63	3,2	40	TDSA14-K 80 63	80	5	63
TDSA14-K 40 80	40	6,4	80	TDSA14-K 63 50	63	4	50	TDSA14-K 80 80	80	6,4	80
TDSA14-K 50 32	50	2,5	32	TDSA14-K 63 63	63	5	63	TDSA14-K 80 100	80	8	100
TDSA14-K 50 40	50	3,2	40	TDSA14-K 63 80	63	6,4	80	TDSA14-K 80 125	80	10	125
TDSA14-K 50 50	50	4	50	TDSA14-K 63 100	63	8	100				
TDSA14-K 50 63	50	5	63	TDSA14-K 63 125	63	10	125				

TDSA14-L

OMCR

PAD RETAINER PIN - STECKBOLZEN - PERNO DI ARRESTO



Notes

1. **Material:** CK45
2. **Material**: St37
3. DIN 912 M12x20

STOCK ...

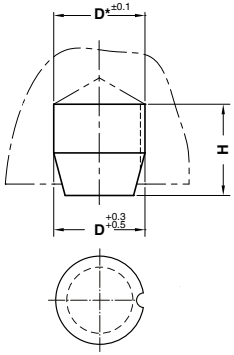
ORDER EXAMPLE	JLR CODE
	TDSA14-L

JLR CODE
TDSA14-L

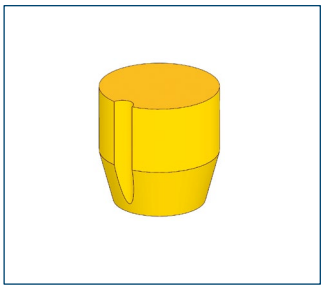
TDSA14-M

OMCR

ELASTOMER CAP - ELASTOMERDRUCKSTÜCK - PUNTALINO IN ELASTOMERO



STOCK



Notes

Material: Elastomer 90SH

ORDER EXAMPLE	JLR CODE
	TDSA14-M010

JLR CODE	D	H	F max (N)	JLR CODE	D	H	F max (N)
TDSA14-M006	6	9,5	100	TDSA14-M030	30	35	3000
TDSA14-M010	10	15,5	450	TDSA14-M032	32	32	12000
TDSA14-M016	16	25	1500	TDSA14-M039	39,5	40	25000
TDSA14-M024	24	25	3000				

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE

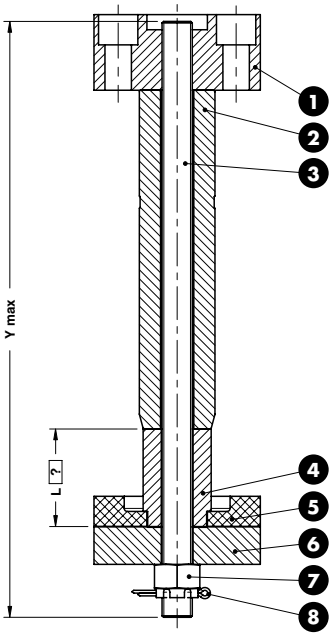


Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. TDSA14-NA 50
2. TDSA14-NB 50180/200/224/250/280
3. Retainer bolt DIN 975
4. TDSA14-NC 50
5. TDSA14-ND 50
6. TDSA14-NE 50
7. M20 Hexagon slotted nut DIN 935
8. Split Pin. DIN EN ISO 1234

10 ...



ORDER EXAMPLE	JLR CODE	L=50
	TDSA14-N 50224	L50

JLR CODE	Y max	Max load (kg)
TDSA14-N 50180	350	450
TDSA14-N 50200	370	450
TDSA14-N 50224	394	450
TDSA14-N 50250	420	450
TDSA14-N 50280	450	450

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE

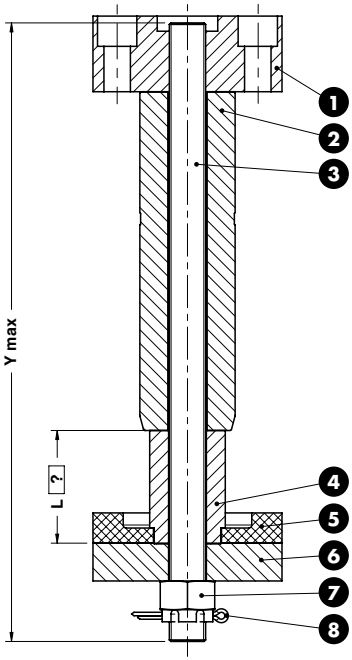


Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. TDSA14-NA 63
2. TDSA14-NB 63200/224/250/280
3. Retainer bolt DIN 975
4. TDSA14-NC 63
5. TDSA14-ND 63
6. TDSA14-NE 63
7. M24 Hexagon slotted nut DIN 935
8. Split Pin. DIN EN ISO 1234

10 ...

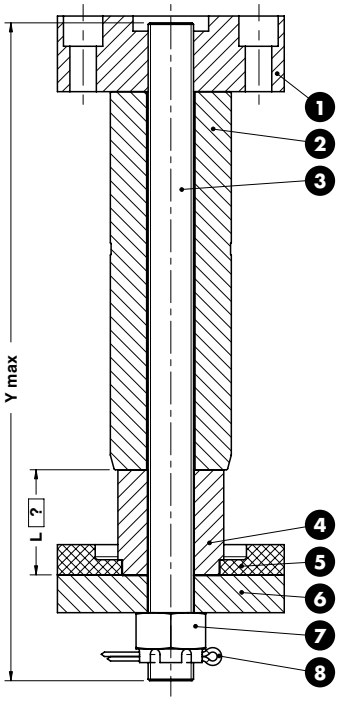


ORDER EXAMPLE	JLR CODE	L=70
	TDSA14-N 63250	L70

JLR CODE	Y max	Max load (kg)
TDSA14-N 63200	385	750
TDSA14-N 63224	409	750
TDSA14-N 63250	435	750
TDSA14-N 63280	465	750

RETAINER BOLT - ZUGBOLZENSATZ - GRUPPO TIRANTE





Respect the max. load
Maximale Nutzlast beachten
Rispettare il carico max.

Notes

1. TDSA14-NA 80
2. TDSA14-NB 80250/280/315/355 400
3. Retainer bolt DIN 975
4. TDSA14-NC 80
5. TDSA14-ND 80
6. TDSA14-NE 80
7. M30 Hexagon slotted nut DIN 935
8. Split Pin. DIN EN ISO 1234

10 ...

ORDER EXAMPLE	JLR CODE	L=65
	TDSA14-N 80315	L65

JLR CODE	Y max	Max load (kg)
TDSA14-N 80250	435	1250
TDSA14-N 80280	465	1250
TDSA14-N 80315	500	1250
TDSA14-N 80355	540	1250
TDSA14-N 80400	585	1250

LOCATING PIN - ZENTRIERBOLZEN - PERNO DI CENTRAGGIO



Notes

Material: 16MnCr5 - **HRC:** 58÷60

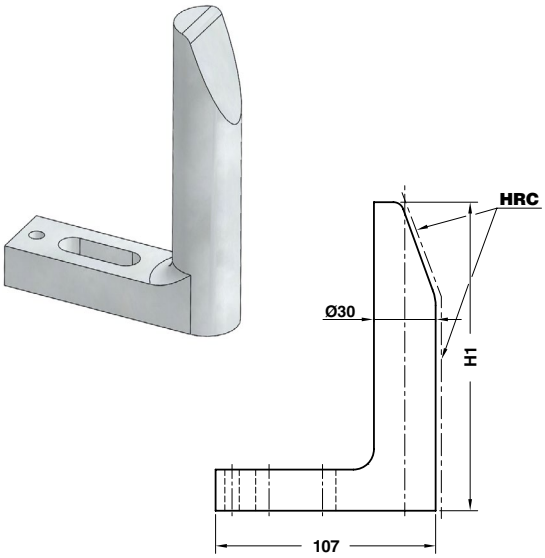
STOCK

ORDER EXAMPLE

JLR CODE
TDSA15-D

JLR CODE
TDSA15-D

GAGE HARDENED - EINWEISER GEHÄRTET - RIFERIMENTO INDURITO



Notes

Material: CK60 - **HRC:** 56÷60

STOCK

Delivery time
Lieferzeit in Werktagen
Tempi di spedizione

STOCK = ●

10 = ○

ORDER EXAMPLE

JLR CODE
TDSA16-A L185

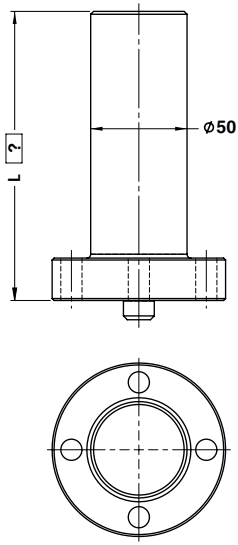
JLR CODE	L	Delivery Time	JLR CODE	L	Delivery Time	JLR CODE	L	Delivery Time
TDSA16-A L065	65	●	TDSA16-A L145	145	○	TDSA16-A L225	225	○
TDSA16-A L070	70	○	TDSA16-A L150	150	●	TDSA16-A L230	230	○
TDSA16-A L075	75	○	TDSA16-A L155	155	○	TDSA16-A L235	235	○
TDSA16-A L080	80	○	TDSA16-A L160	160	○	TDSA16-A L240	240	○
TDSA16-A L085	85	○	TDSA16-A L165	165	○	TDSA16-A L245	245	○
TDSA16-A L090	90	●	TDSA16-A L170	170	○	TDSA16-A L250	250	●
TDSA16-A L095	95	○	TDSA16-A L175	175	○	TDSA16-A L260	260	○
TDSA16-A L100	100	○	TDSA16-A L180	180	●	TDSA16-A L270	270	○
TDSA16-A L105	105	○	TDSA16-A L185	185	○	TDSA16-A L280	280	○
TDSA16-A L110	110	○	TDSA16-A L190	190	○	TDSA16-A L290	290	○
TDSA16-A L115	115	○	TDSA16-A L195	195	○	TDSA16-A L300	300	●
TDSA16-A L120	120	●	TDSA16-A L200	200	○	TDSA16-A L310	310	○
TDSA16-A L125	125	○	TDSA16-A L205	205	○	TDSA16-A L320	320	○
TDSA16-A L130	130	○	TDSA16-A L210	210	○	TDSA16-A L330	330	○
TDSA16-A L135	135	○	TDSA16-A L215	215	○	TDSA16-A L340	340	○
TDSA16-A L140	140	○	TDSA16-A L220	220	○	TDSA16-A L350	350	●

TDSA17-A

OMCR

LOWER AIR CUSHION PIN - UNTERLUFTBOLZEN - CANDELA INFERIORE





⚠
L ≤ 380 mm

Notes
Material: CK45 - 800÷1000 N/mm²

10

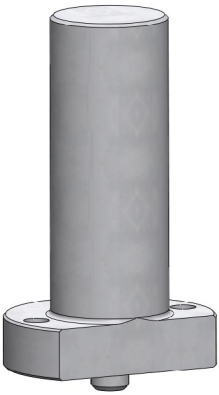
ORDER EXAMPLE	JLR CODE	L=200
	TDSA17-AA	L200

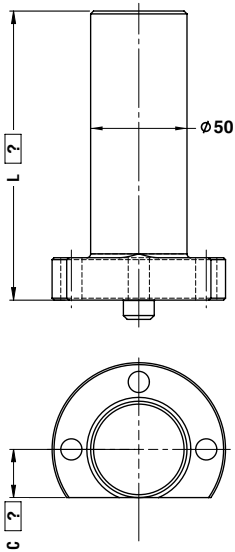
JLR CODE
TDSA17-AA

TDSA17-A

OMCR

LOWER AIR CUSHION PIN - UNTERLUFTBOLZEN - CANDELA INFERIORE





⚠
L ≤ 380 mm C ≥ 25 mm

Notes
Material: CK45 - 800÷1000 N/mm²

10

ORDER EXAMPLE	JLR CODE	L=200	C=23
	TDSA17-AB	L200	C23

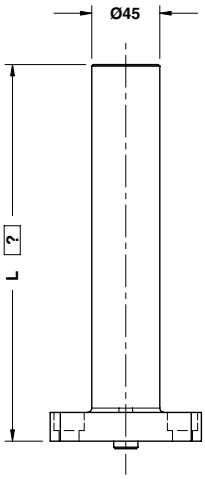
JLR CODE
TDSA17-AB

TDSA17-B

OMCR

LOWER AIR CUSHION PIN - UNTERLUFTBOLZEN - CANDELA INFERIORE





L max = 360 mm

Notes

Material: CK45 - 800÷1000 N/mm²

10

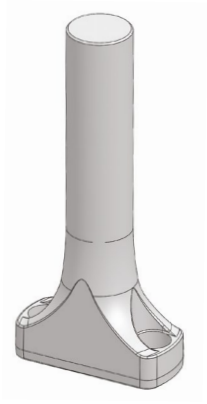
ORDER EXAMPLE	JLR CODE	L=200
	TDSA17-B 45	L200

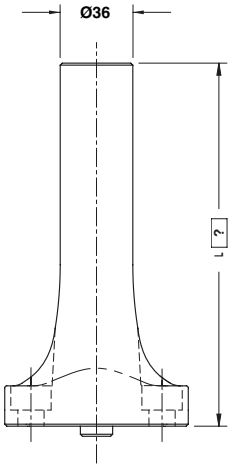
JLR CODE
TDSA17-B 45

TDSA17-C

OMCR

UPPER AIR CUSHION PIN - OBERLUFTBOLZEN - CANDELA SUPERIORE





150 < L ≤ 360 mm, STEP 5 mm

Notes

Material: CK45 - 800÷1000 N/mm²

10

ORDER EXAMPLE	JLR CODE	L=200
	TDSA17-C	L200

JLR CODE
TDSA17-C

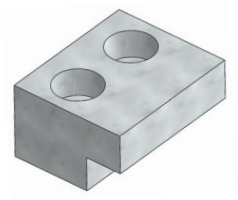
TDSA17-G

OMCR

CLAMP - HALTESTÜCK - STAFFA

Notes
Material: St37

STOCK



ORDER EXAMPLE

JLR CODE
TDSA17-G

JLR CODE
TDSA17-G

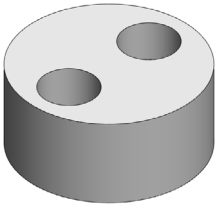
TDSA17-H

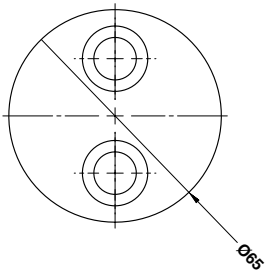
OMCR

PRESSURE PLATE - DRUCKPLATTE - PIASTRA DI REAZIONE

Notes
Material: CK45 - **HRC:** 55÷60

STOCK



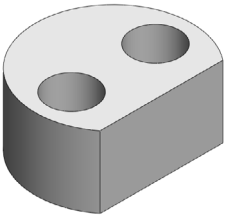


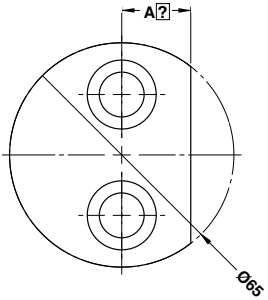
ORDER EXAMPLE

JLR CODE
TDSA17-H

JLR CODE
TDSA17-H

PRESSURE PLATE - DRUCKPLATTE - PIASTRA DI REAZIONE





Notes
Material: CK45 - **HRC:** 55÷60

STOCK

ORDER EXAMPLE	JLR CODE	A=20
	TDSA17-H	A=20

JLR CODE
TDSA17-H

TDSA20-B

OMCR

VISUAL LOCATOR PUNCH - ENDKONTROLLSTEMPEL - PUNZONE DI VISUALIZZAZIONE



Notes

Material: X155CrVMo121
HRC: 60÷62

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA20-B

JLR CODE
TDSA20-B

TDSA20-D

OMCR

TRADEMARK STAMP - BUCHSTABENSTEMPEL - PUNZONE MARCHIO



Notes

Material: X155CrVMo121
HRC: 60÷62

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA20-D J18

JLR CODE
TDSA20-D J18

TDSA20-D

OMCR

TRADEMARK STAMP - BUCHSTABENSTEMPEL - PUNZONE MARCHIO



Notes

Material: X155CrVMo121
HRC: 60÷62

STOCK

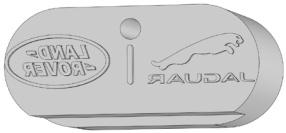
ORDER EXAMPLE	JLR CODE
	TDSA20-D LR18

JLR CODE
TDSA20-D LR18

TDSA20-D

OMCR

TRADEMARK STAMP - BUCHSTABENSTEMPEL - PUNZONE MARCHIO



Notes

Material: X155CrVMo121
HRC: 60÷62

STOCK

ORDER EXAMPLE	JLR CODE
	TDSA20-D JLR18

JLR CODE
TDSA20-D JLR18

TDSA20-E

OMCR

STAMP - BUCHSTABENSTEMPEL - PUNZONE DI MARCATURA

STOCK



Notes

Material: X155CrVMo121
HRC: 60÷62

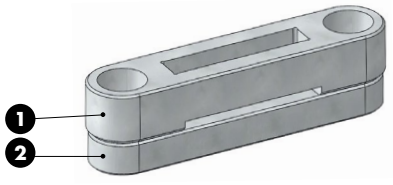
JLR CODE	LETTER
TDSA20-E A	A
TDSA20-E B	B
TDSA20-E C	C
TDSA20-E D	D
TDSA20-E L	L
TDSA20-E R	R

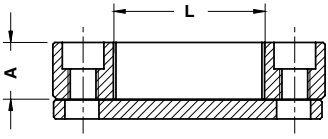
ORDER EXAMPLE	JLR CODE
	TDSA20-E D

TDSA20-G

OMCR

RETAINER FOR STAMPS - HALTEPLATTE - PORTATIMBRI





STOCK ...

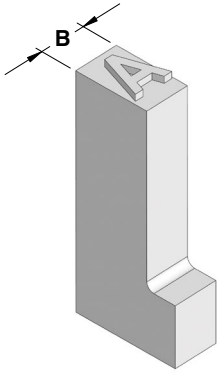
Notes

1. TDSA20G-A10/A40
2. TDSA20G-B10/B40

ORDER EXAMPLE	JLR CODE
	TDSA20G-20

JLR CODE	L1
TDSA20G-10	10
TDSA20G-20	20
TDSA20G-40	40

STAMPS - BUCHSTABENSTEMPEL - PUNZONE MARCHIO



Notes

Material: X155CrVMo121 - **HRC:** 60÷62

STOCK

ORDER EXAMPLE

JLR CODE
TDSA20H - N

JLR CODE	B	Stamp
TDSA20H - 0	2,5	0
TDSA20H - 1	2,5	1
TDSA20H - 2	2,5	2
TDSA20H - 3	2,5	3
TDSA20H - 4	2,5	4
TDSA20H - 5	2,5	5
TDSA20H - 6	2,5	6
TDSA20H - 7	2,5	7
TDSA20H - 8	2,5	8
TDSA20H - 9	2,5	9
TDSA20H - A	3	A
TDSA20H - B	3	B
TDSA20H - C	3	C
TDSA20H - D	3	D

JLR CODE	B	Stamp
TDSA20H - E	3	E
TDSA20H - F	2,5	F
TDSA20H - G	3	G
TDSA20H - H	3	H
TDSA20H - I	2,5	I
TDSA20H - J	2,5	J
TDSA20H - K	3	K
TDSA20H - L	2,5	L
TDSA20H - M	3,5	M
TDSA20H - N	3	N
TDSA20H - P	3	P
TDSA20H - Q	3	Q
TDSA20H - R	3	R
TDSA20H - S	3	S

JLR CODE	B	Stamp
TDSA20H - T	2,5	T
TDSA20H - U	3	U
TDSA20H - V	2,5	V
TDSA20H - W	3,5	W
TDSA20H - X	2,5	X
TDSA20H - Y	2,5	Y
TDSA20H - Z	2,5	Z
TDSA20H - SP05	0,5	FILLER
TDSA20H - SP10	1	FILLER
TDSA20H - SP15	1,5	FILLER
TDSA20H - SP20	2	FILLER
TDSA20H - SP25	2,5	FILLER
TDSA20H - SP60	6	FILLER
TDSA20H - -	2,5	-

LIFTING PIN - TRAGBOLZEN MIT FALLRINGSICHERUNG - PERNO DI SOLLEVAMENTO



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

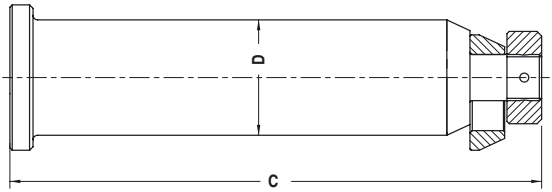
Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

Notes

Material: 42CrMo4 + QT

CE STOCK

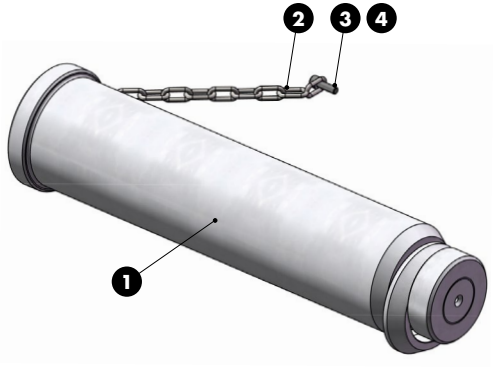


ORDER EXAMPLE

JLR CODE
TDSA21-A63

JLR CODE	Max load (kg)	Max die weight (kg)	A	C
TDSA21-A35	1500	3000	35	165
TDSA21-A50	5500	10050	50	230
TDSA21-A63	23000	45500	63	320
TDSA21-A80	30000	60000	80	270

LIFTING PIN - TRAGBOLZEN MIT FALLRINGSICHERUNG - PERNO DI SOLLEVAMENTO



Respect the max load
Maximale Nutzlast beachten
Rispettare il carico Max

WARNING - ACHTUNG - ATTENZIONE:

For safety reason, please consider always that the weight of the die has to be supported by just 2 lifting pins.

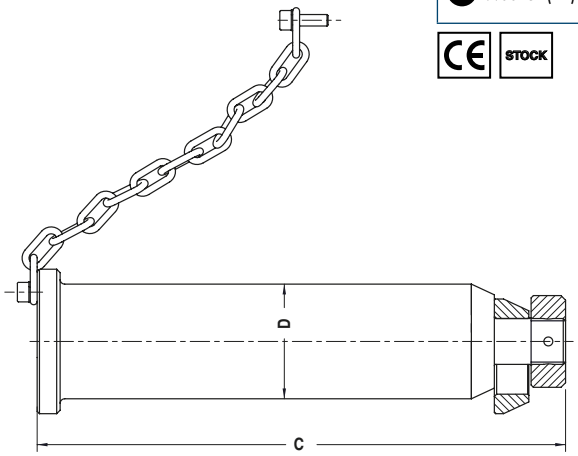
Aus Sicherheitsgründen stets berücksichtigen, dass zwei Tragbolzen das gesamte Werkzeuggewicht tragen müssen.

Per ragioni di sicurezza, considerare sempre che il peso dello stampo deve essere sopportato da 2 soli perni.

Notes

1. 42CrMo4 + QT
2. Steel
3. DIN 912 (2x)
4. Washer (2x)

CE STOCK



ORDER EXAMPLE

JLR CODE
TDSA21-A63 v2

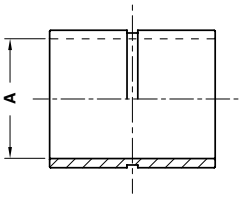
JLR CODE	Max load (kg)	Max die weight (kg)	A	C
TDSA21-A50 v2	5500	10050	50	230
TDSA21-A63 v2	23000	45500	63	320
TDSA21-A80 v2	30000	60000	80	270

BUSH FOR LIFTING PIN - BUCHSE FÜR TRAGBOLZEN - BOCCOLA PER PERNO DI SOLLEVAMENTO

Notes
Material: St34-2

STOCK





ORDER EXAMPLE

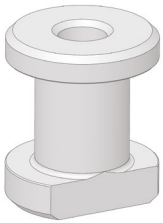
JLR CODE
TDSA21-B63

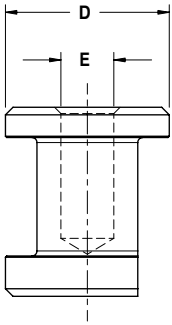
JLR CODE	A
TDSA21-B50	52
TDSA21-B63	65
TDSA21-B80	82

THREADED STEEL INSERT - GEWINDEEINSATZ FÜR GUSS - INSERTO FILETTATO PER FUSIONE

Notes
Material: 42CrMo4 + QT

STOCK





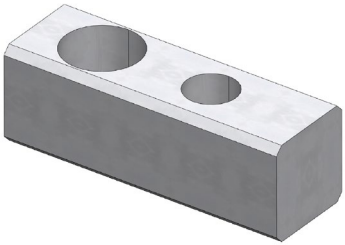
ORDER EXAMPLE

JLR CODE
TDSA21-D30

JLR CODE	Max load 1 point (kg)	Max load 2÷4 point (kg)	D	E
TDSA21-D20	2100	4200	65	M20x2.5
TDSA21-D24	3000	6000	65	M24x3.0
TDSA21-D30	5000	10000	85	M30x3.5
TDSA21-D36	6500	13000	107	M36x4.0

TDSA30-C

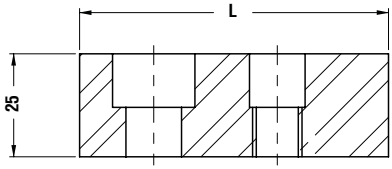
STANDARD KEY - PASSFEDER - CHIAVETTA



Notes

Material: CK45

STOCK



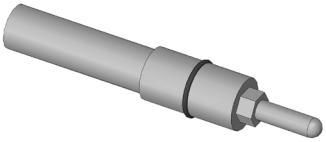
ORDER EXAMPLE

JLR CODE
TDSA30-C150

JLR CODE	L
TDSA30-C75	75
TDSA30-C100	100
TDSA30-C150	150

TDSA35-A

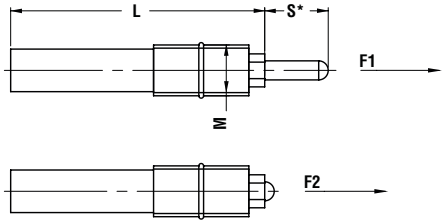
SPRING PLUNGER - FEDERNE DRUCKSTÜCKE - ESPULSORE A MOLLA



Notes

Material: Steel

STOCK



* Stroke
Hub
Corsa

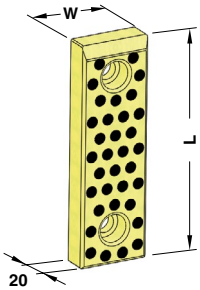
ORDER EXAMPLE

JLR CODE
TDSA35-A36

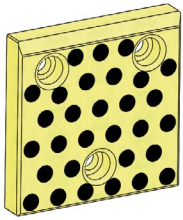
JLR CODE	M	L	S	F1 (N)	F2 (N)
TDSA35-A21	M16x2	80	20	6.9	34,5
TDSA35-A22	M16x2	120	30	18	40
TDSA35-A23	M16x2	150	40	13,2	37,2
TDSA35-A24	M16x2	150	50	13,2	43,2
TDSA35-A25	M16x2	150	60	13,2	49,2
TDSA35-A26	M16x2	200	70	9,68	40,5
TDSA35-A27	M16x2	200	80	9,68	44,8

JLR CODE	M	L	S	F1 (N)	F2 (N)
TDSA35-A31	M16x2	80	20	34,5	172,5
TDSA35-A32	M16x2	150	30	56,1	132,6
TDSA35-A33	M16x2	150	40	56,1	158,1
TDSA35-A34	M16x2	200	50	19,3	99,9
TDSA35-A35	M16x2	200	60	19,3	116,1
TDSA35-A36	M16x2	200	70	19,3	132,1
TDSA35-A37	M16x2	200	80	25	100,1

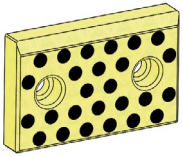
WEAR PLATE VDI 3357 - GLEITPLATTE VDI 3357 - PIASTRA GUIDA VDI 3357



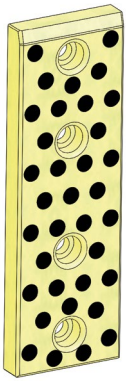
FORM A



FORM B



FORM C



FORM D

Notes

Material: Bronze + Graphite
HB > 190

STOCK

ORDER EXAMPLE

JLR CODE
TDSB13-C B 125 160

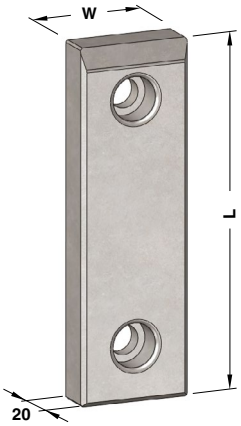
JLR CODE	W	L	FORM	JLR CODE	W	L	FORM
TDSB13-C B 050 080	50	80	A	TDSB13-C B 100 160	100	160	A
TDSB13-C B 050 100	50	100	A	TDSB13-C B 100 200	100	200	A
TDSB13-C B 050 125	50	125	A	TDSB13-C B 100 250	100	250	D
TDSB13-C B 050 160	50	160	A	TDSB13-C B 125 050	125	50	C
TDSB13-C B 050 200	50	200	A	TDSB13-C B 125 080	125	80	C
TDSB13-C B 050 250	50	250	D	TDSB13-C B 125 100	125	100	B
TDSB13-C B 080 050	80	50	C	TDSB13-C B 125 125	125	125	B
TDSB13-C B 080 080	80	80	A	TDSB13-C B 125 160	125	160	B
TDSB13-C B 080 100	80	100	A	TDSB13-C B 125 200	125	200	B
TDSB13-C B 080 125	80	125	A	TDSB13-C B 125 250	125	250	D
TDSB13-C B 080 160	80	160	A	TDSB13-C B 160 050	160	50	C
TDSB13-C B 080 200	80	200	A	TDSB13-C B 160 080	160	80	C
TDSB13-C B 080 250	80	250	D	TDSB13-C B 160 100	160	100	B
TDSB13-C B 100 050	100	50	C	TDSB13-C B 160 125	160	125	B
TDSB13-C B 100 080	100	80	C	TDSB13-C B 160 160	160	160	B
TDSB13-C B 100 100	100	100	A	TDSB13-C B 160 200	160	200	B
TDSB13-C B 100 125	100	125	A	TDSB13-C B 160 250	160	250	D

WEAR PLATE VDI 3357 - GLEITPLATTE VDI 3357 - PIASTRA GUIDA VDI 3357

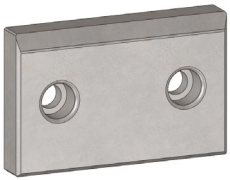
Notes

Material: Syntered metal

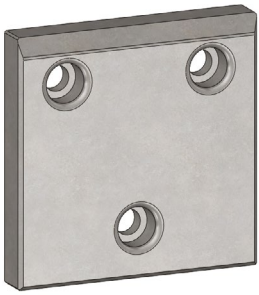
STOCK



FORM A



FORM B



FORM C

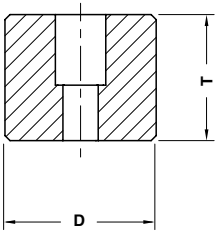
ORDER EXAMPLE

JLR CODE
TDSB13-C S 160 080

JLR CODE	W	L	FORM	JLR CODE	W	L	FORM
TDSB13-C S 050 080	50	80	A	TDSB13-C S 100 160	100	160	A
TDSB13-C S 050 100	50	100	A	TDSB13-C S 100 200	100	200	A
TDSB13-C S 050 125	50	125	A	TDSB13-C S 125 050	125	50	C
TDSB13-C S 050 160	50	160	A	TDSB13-C S 125 080	125	80	C
TDSB13-C S 050 200	50	200	A	TDSB13-C S 125 100	125	100	B
TDSB13-C S 080 050	80	50	C	TDSB13-C S 125 125	125	125	B
TDSB13-C S 080 080	80	80	A	TDSB13-C S 125 160	125	160	B
TDSB13-C S 080 100	80	100	A	TDSB13-C S 125 200	125	200	B
TDSB13-C S 080 125	80	125	A	TDSB13-C S 160 050	160	50	C
TDSB13-C S 080 160	80	160	A	TDSB13-C S 160 080	160	80	C
TDSB13-C S 080 200	80	200	A	TDSB13-C S 160 100	160	100	B
TDSB13-C S 100 050	100	50	C	TDSB13-C S 160 125	160	125	B
TDSB13-C S 100 080	100	80	C	TDSB13-C S 160 160	160	160	B
TDSB13-C S 100 100	100	100	A	TDSB13-C S 160 200	160	200	B
TDSB13-C S 100 125	100	125	A				

STOP BLOCK - ABSTANDSBLOCK - DISTANZIALE





Notes
Material: CK45

10

ORDER EXAMPLE

JLR CODE
TDSB13-E 60 30

JLR CODE	D	T	JLR CODE	D	T
TDSB13-E 40 20	40	20	TDSB13-E 65 30	65	30
TDSB13-E 40 30	40	30	TDSB13-E 65 40	65	40
TDSB13-E 50 20	50	20	TDSB13-E 65 50	65	50
TDSB13-E 50 30	50	30	TDSB13-E 70 20	70	20
TDSB13-E 50 40	50	40	TDSB13-E 70 30	70	30
TDSB13-E 50 50	50	50	TDSB13-E 70 40	70	40
TDSB13-E 60 20	60	20	TDSB13-E 70 50	70	50
TDSB13-E 60 30	60	30	TDSB13-E 90 30	90	30
TDSB13-E 60 40	60	40	TDSB13-E 90 50	90	50
TDSB13-E 60 50	60	50			

