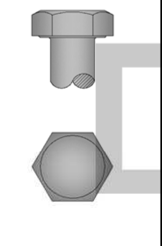
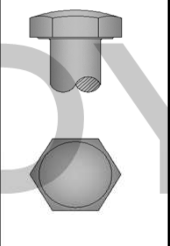
DYTSA's SPECIAL PORTFOLIO



1 HEX

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125

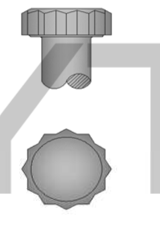
DIN 931 - DIN 933
DIN 6914 - DIN 7968
ISO 4014 - ISO 4017
ISO 8676 - ISO 8765
ANSI B18.2.1
BS 1768



2 HEX SPHERICAL TOP

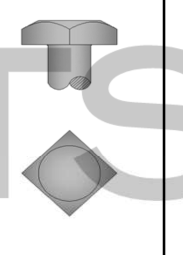
Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125

DIN 931 - DIN 933
ISO 4014 - ISO 4017
ISO 8676 - ISO 8765
ANSI B18.2.1
BS 1768



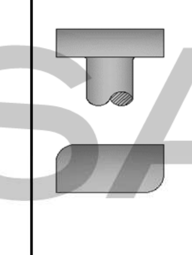
3 BI-HEX

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



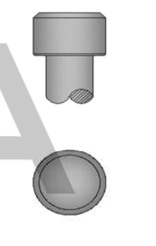
4 SQUARE

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



5 RECTANGLE

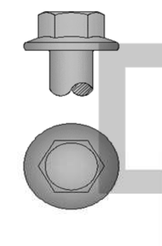
Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



6 CYLINDRICAL

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

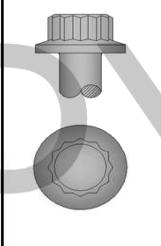
DIN 4626



7 HEX FLANGE

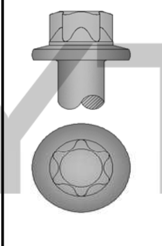
Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

DIN 6921 - DIN 6922
(M6 to M16, M20)
ISO 4162, ISO 15071,
EN 1662 (M6 to M16)
ISO 15072 (8 to M16)
EN 1662 - EN 1665
(M6 to M16;M20)
MBN 10105 (M6 to M20)



8 BI-HEX FLANGE

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125



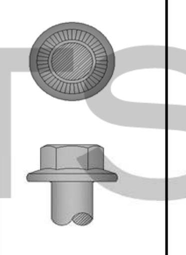
9 6-LOBE FLANGE

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

DIN 34800 - DIN 34801
(M6 to M20)

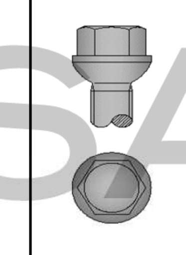
MBN 10142
(M6 to M20)

MBN 10143
(M6 to M20)



10 SERRATIONS (Rp, Dk, Tk, Dytsa-Lock)

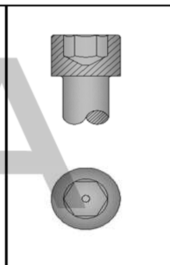
Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125



11 WHEEL

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	295	150
M14	20	125	125
M16			
M18	30	125	125
M20			
M22			
M24			

DIN 74361

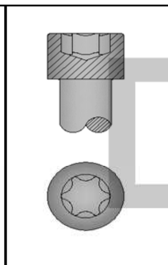


12 HEX SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

DIN 912
ISO 4762

M16x1.5 L max.=285



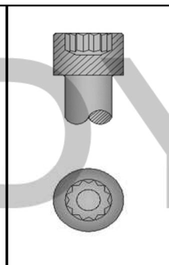
13 6-LOBE SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

DIN 34802
(M6 to M16, M20)

ISO 14579
(M6 to M20)

M16x1.5 L max.=285

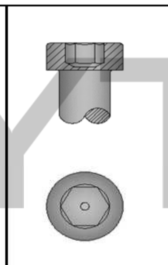


14 12-POINTS SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

DIN 34821
(M6 to M16)

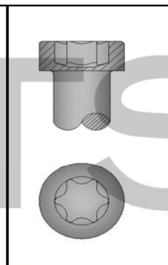
M16x1.5 L max.=285



15 HEX SOCKET LOW HEAD

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

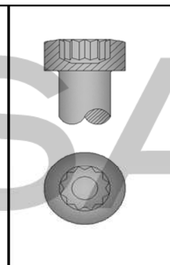
DIN 7984



16 6-LOBE SOCKET LOW HEAD

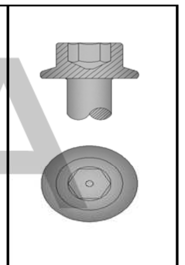
Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125

ISO 14580
(M6 to M10)



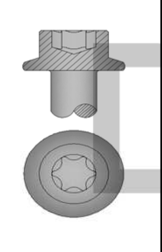
17 12-POINTS SOCKET LOW HEAD

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125



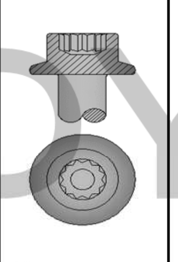
18 FLANGED HEX SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125



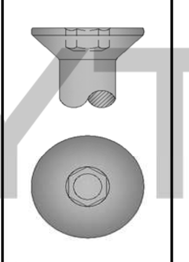
19 FLANGED 6-LOBE SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125



20 FLANGED 12-POINT SOCKET

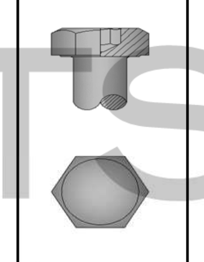
Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125



21 HEX SOCKET COUNTERSUNK

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	65	290	150
M16	70	290	150
M18	80	180	125
M20	100	180	125
M22			
M24			

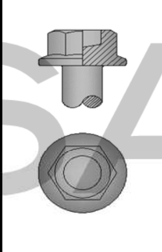
ISO 10642



22 DUO HEX + HEX COCKET

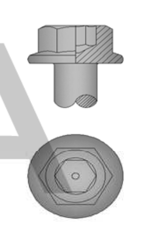
Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	140	125
M16	20	140	125
M18			
M20			
M22			
M24			

Also possible with:
- 6 Lobe socket
- 12 Point socket



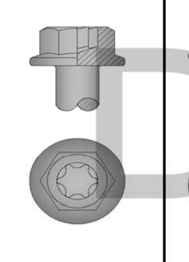
23 FLANGED HEX + CYL. SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	140	125
M16			
M18			
M20			
M22			
M24			



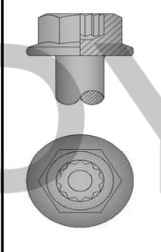
24 DUO FLG HEX + HEX SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	140	125
M16			
M18			
M20			
M22			
M24			



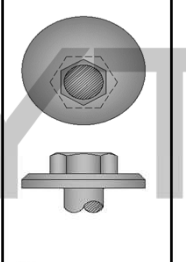
25 DUO FLG HEX + 6-LOBE SCK

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	140	125
M16			
M18			
M20			
M22			
M24			



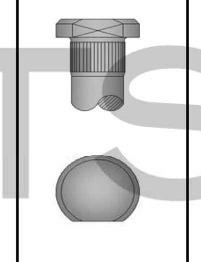
26 DUO FLG HEX 12-P SOCKET

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	140	125
M16			
M18			
M20			
M22			
M24			



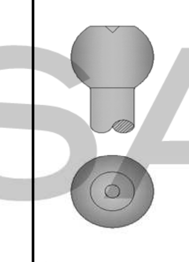
27 ECCENTRIC WHASER

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



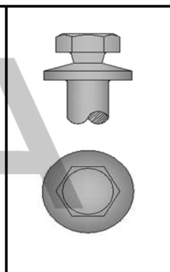
28 KNURLING

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



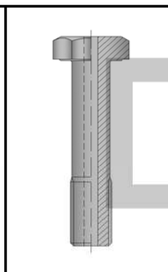
29 BALL JOINT

Ø	Min L	Max L	Max Thread L
M6	65	290	150
M8	20	290	150
M10	12	290	150
M12	12	290	150
M14	20	280	150
M16	20	280	150
M18	30	170	125
M20	30	170	125
M22	30	160	125
M24	30	160	125



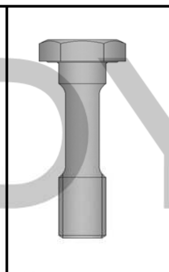
30 SHEAR BOLT

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	125
M16	30	300	125
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



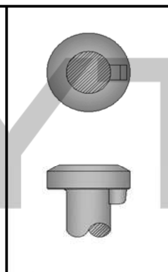
31 DRILLING

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	80
M16	20	300	90
M18	30	190	100
M20	30	190	110
M22	30	190	120
M24	30	190	130



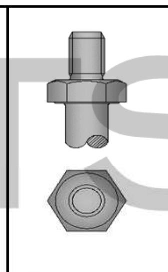
32 REDUCED SHANK

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



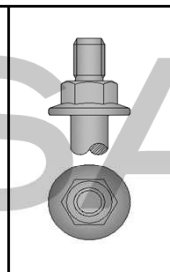
33 STUD 1

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



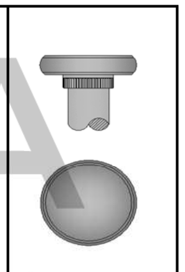
34 STUD 2

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125



35 STUD 3

Ø	Min L	Max L	Max Thread L
M6	65	295	150
M8	20	295	150
M10	12	295	150
M12	12	290	150
M14	20	290	150
M16	20	290	150
M18	30	165	125
M20	30	160	125
M22	30	160	125
M24	30	155	125



36 STUD 4

Ø	Min L	Max L	Max Thread L
M6	65	300	150
M8	20	300	150
M10	12	300	150
M12	12	300	150
M14	20	300	150
M16	20	300	150
M18	30	190	125
M20	30	190	125
M22	30	190	125
M24	30	190	125

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